



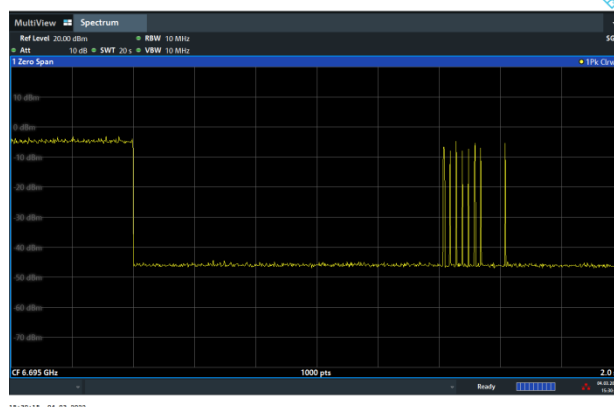
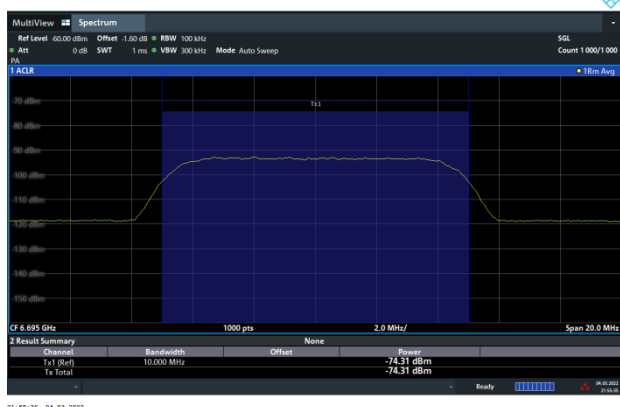
Contention Based Protocol Result Plots on U-NII 7 (AWGN Interference)

802.11ax (HE20) / 6695MHz

Threshold Level (TL) = -74.31dBm

802.11ax (HE20) / CH149

Test result is pass due to no transmission occur.

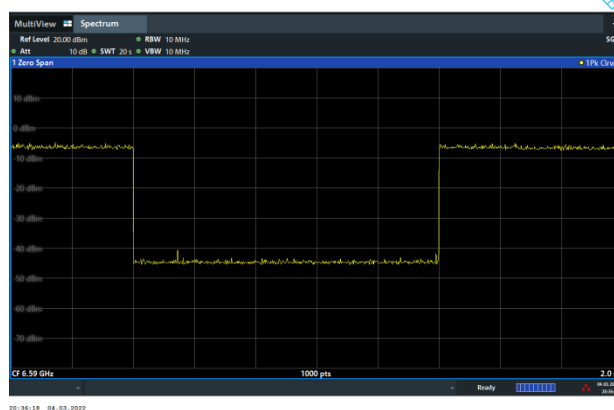
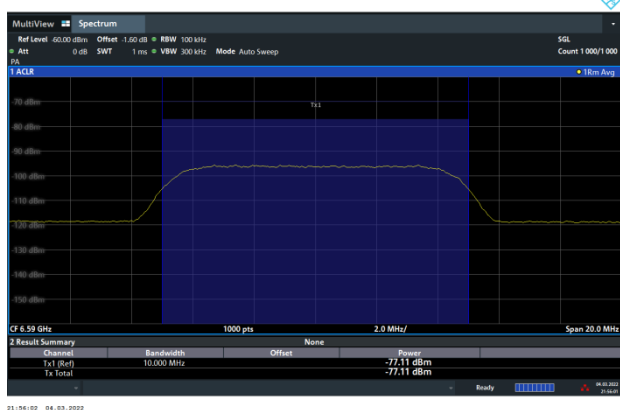


802.11ax (HE160) / 6590MHz (Lower edge)

Threshold Level (TL) = -77.11dBm

802.11ax (HE160) / CH143 (Lower edge)

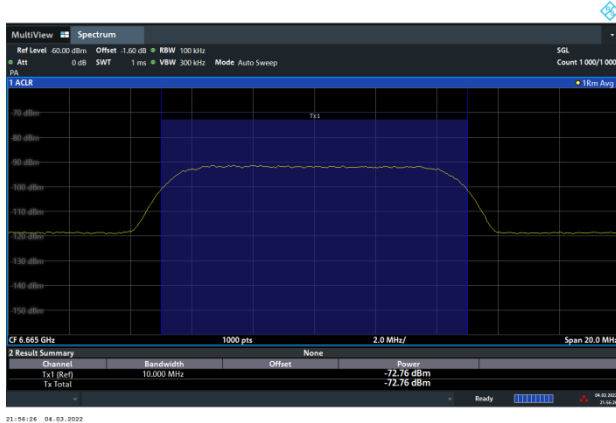
Test result is pass due to no transmission occur.





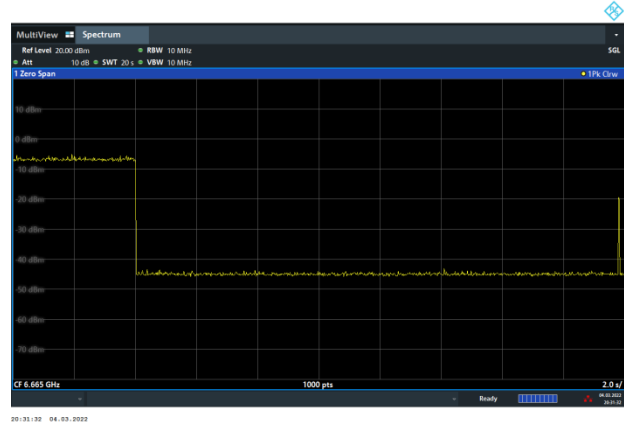
802.11ax (HE160) / 6665MHz (Middle)

Threshold Level (TL) = -72.76dBm



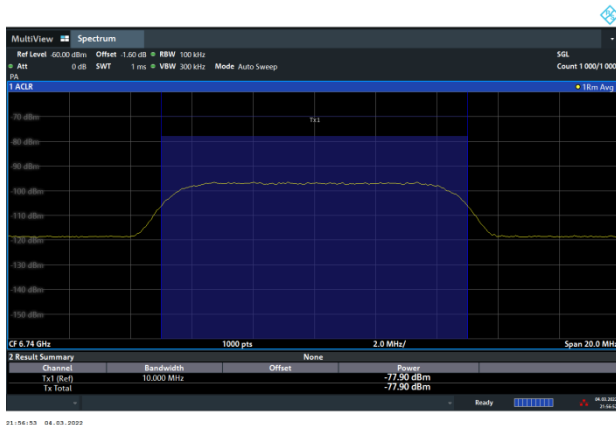
802.11ax (HE160) / CH143 (Middle)

Test result is pass due to no transmission occur.



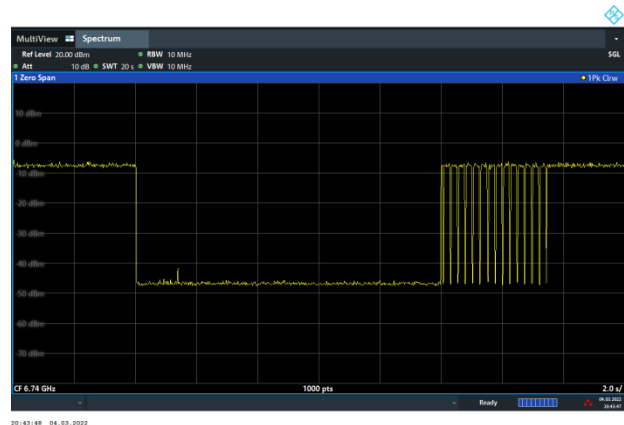
802.11ax (HE160) / 6740MHz (Upper edge)

Threshold Level (TL) = -77.90dBm



802.11ax (HE160) / CH143 (Upper edge)

Test result is pass due to no transmission occur.





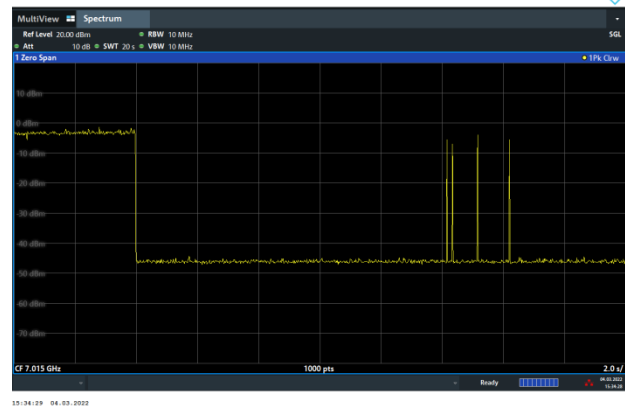
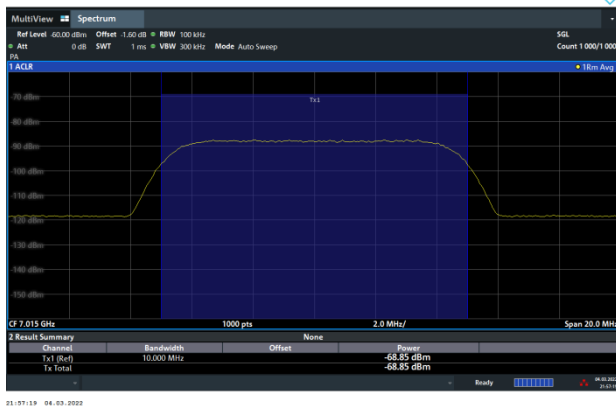
Contention Based Protocol Result Plots on U-NII 8 (AWGN Interference)

802.11ax (HE20) / 7015MHz

Threshold Level (TL) = -68.85dBm

802.11ax (HE20) / CH213

Test result is pass due to no transmission occur.

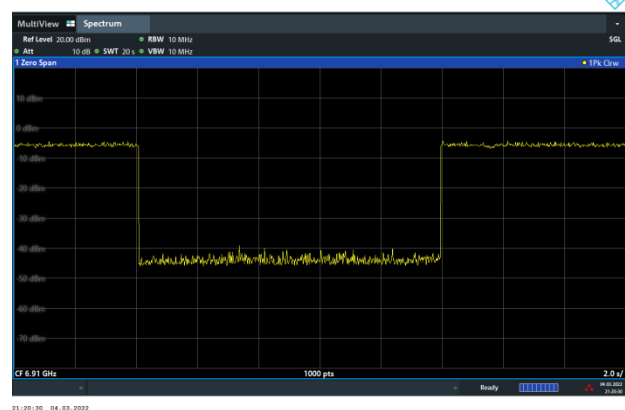
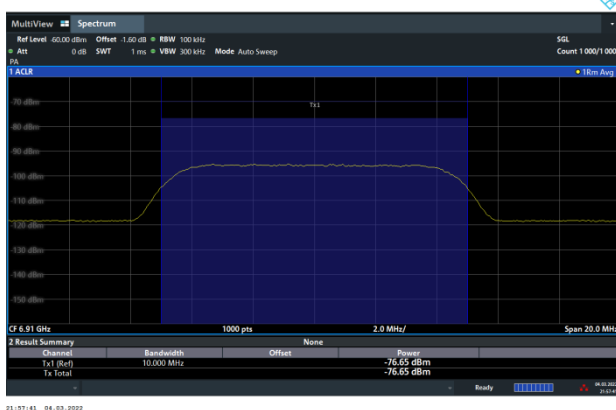


802.11ax (HE160) / 6910MHz (Lower edge)

Threshold Level (TL) = -76.65dBm

802.11ax (HE160) / CH207 (Lower edge)

Test result is pass due to no transmission occur.





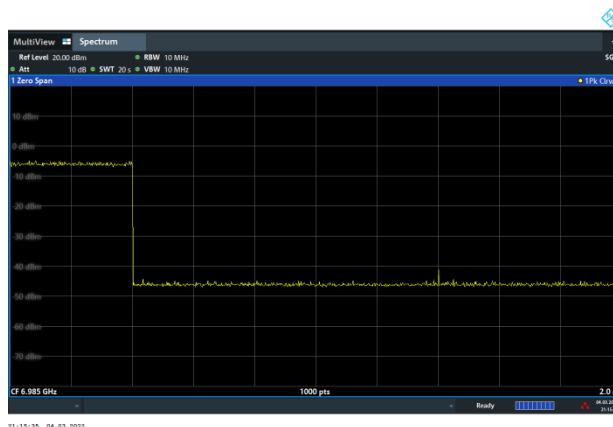
802.11ax (HE160) / 6985MHz (Middle)

Threshold Level (TL) = -71.59dBm



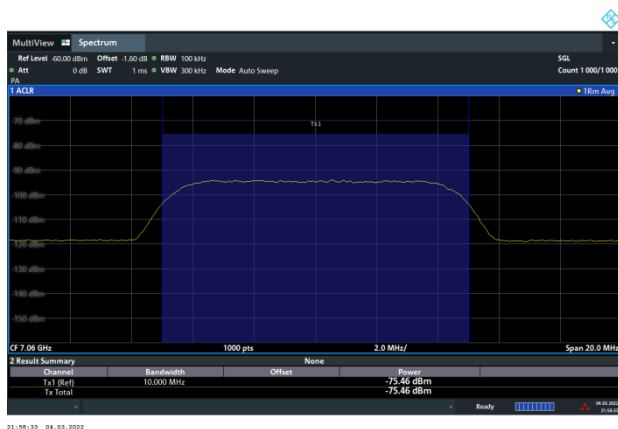
802.11ax (HE160) / CH207 (Middle)

Test result is pass due to no transmission occur.



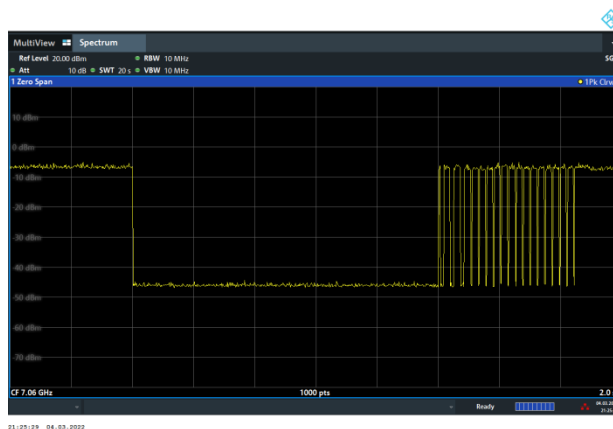
802.11ax (HE160) / 7060MHz (Upper edge)

Threshold Level (TL) = -75.46dBm



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) | 68.2                          |
| - 7 (Peak) | 88.2                          |

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.

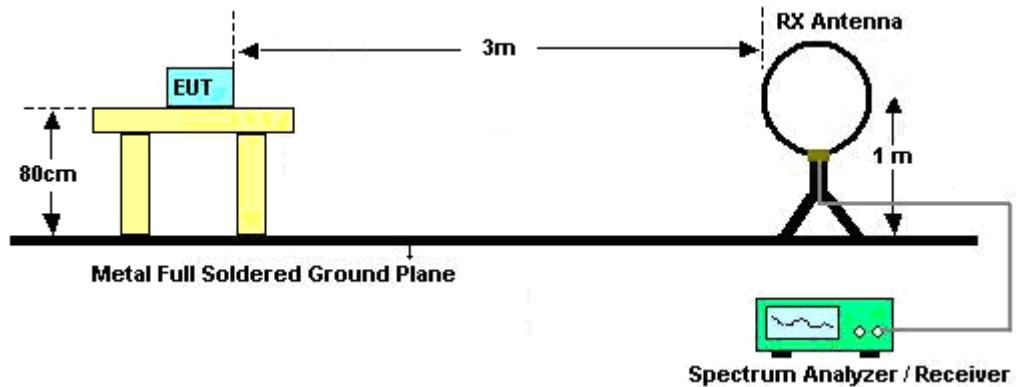
### 3.6.3 Test Procedures

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 “-”.

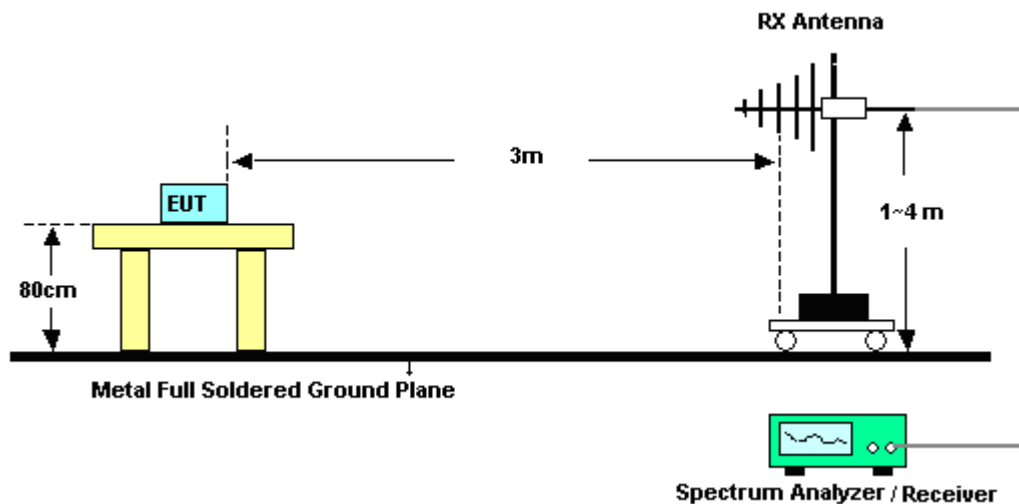
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with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

### 3.6.4 Test Setup

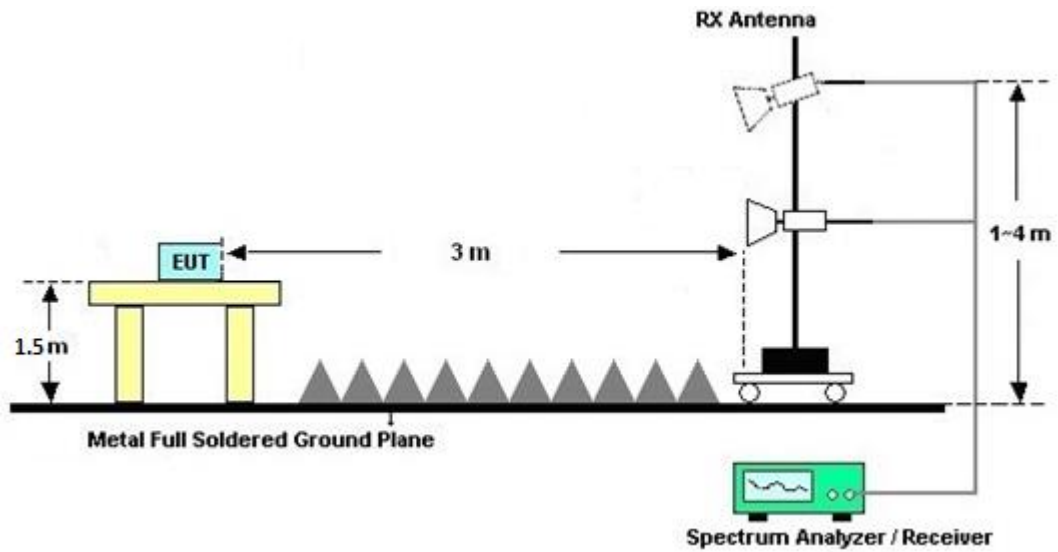
For radiated emissions below 30MHz



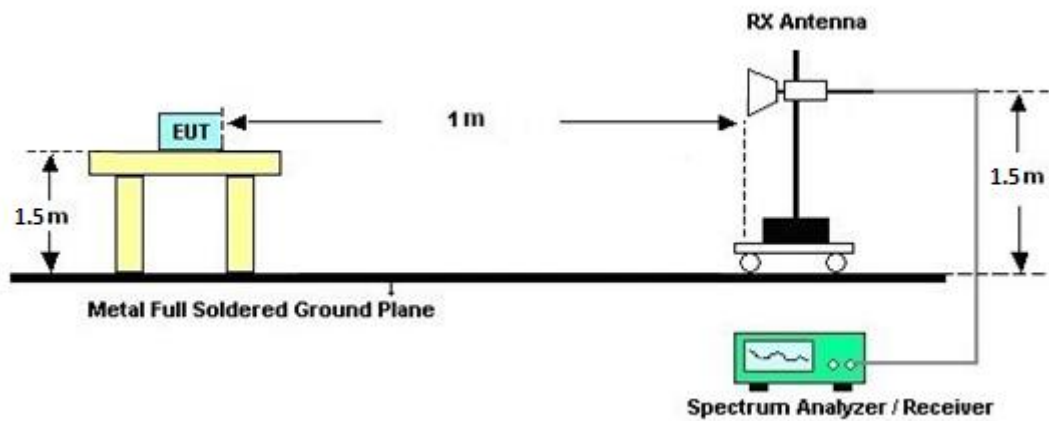
For radiated emissions from 30MHz to 1GHz



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 B and C.

**3.6.7 Duty Cycle**

Please refer to Appendix D.

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

Please refer to Appendix B and C.

### 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.

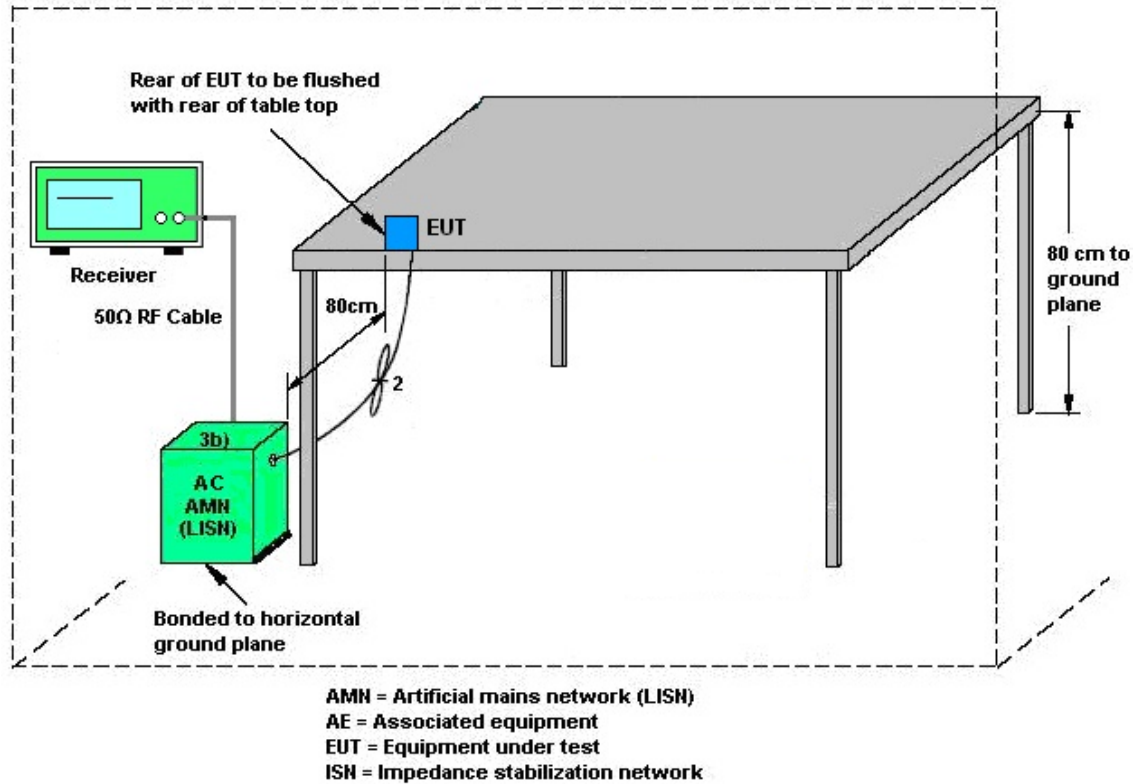
#### 3.7.2 Measuring Instruments

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 A.

## 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 power measurements on IEEE 802.11 devices,

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

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

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

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

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

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.

#### <For CDD Mode>

As minimum  $N_{SS}=1$  is supported by EUT, the formula can be simplified as:

Directional gain =  $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$  dBi

Where  $G_1, G_2, \dots, G_N$  denote single antenna gain.

For example: If a device has two antenna,  $G_{ANT1} = 3.6$  dBi;  $G_{ANT2} = 4.2$  dBi

Directional gain of power measurement =  $\max(3.6, 4.2) + 0 = 4.2$  dBi

Directional gain of PSD measurement =  $10 \cdot \log[(10^{3.6/20} + 10^{4.2/20})^2 / 2] = 6.92$  dBi

The directional gain of EUT is listed in the following table.

|                     |                 |                 | DG<br>for<br>Power<br>(dBi) | DG<br>for<br>PSD<br>(dBi) |
|---------------------|-----------------|-----------------|-----------------------------|---------------------------|
|                     | Ant. 9<br>(dBi) | Ant. 8<br>(dBi) |                             |                           |
| 5925 MHz ~ 6425 MHz | 2.90            | 4.00            | 4.00                        | 6.48                      |
| 6425 MHz ~ 6525 MHz | 3.20            | 4.00            | 4.00                        | 6.62                      |
| 6525 MHz ~ 6875 MHz | 3.30            | 3.90            | 3.90                        | 6.62                      |
| 6875 MHz ~ 7125 MHz | 3.40            | 2.80            | 3.40                        | 6.12                      |

Calculation example:

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

$$10 \times \log \left\{ \left[ 10^{\frac{2.90}{10}} + 10^{\frac{4.00}{10}} \right]^2 \right\} / 2 \\ = 6.48 \text{ dBi}$$

#### <For SDM Mode>

As minimum  $N_{SS}=1$  is supported by EUT, the formula can be simplified as:

$$\text{Directional gain} = 10 \times \log \left[ \left( 10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10} \right) / N_{ANT} \right] \text{ dBi}$$

Where  $G_1, G_2, \dots, G_N$  denote single antenna gain.

For example: If a device has two antenna,  $G_{ANT1}= 3.6\text{dBi}$ ;  $G_{ANT2}=4.2\text{dBi}$

Directional gain of power measurement =  $\max(3.6, 4.2) + 0 = 4.2 \text{ dBi}$

Directional gain of PSD measurement =  $10 \times \log \left[ \left( 10^{3.6/10} + 10^{4.2/10} \right) / 2 \right] = 3.91 \text{ dBi}$

|                     |                 |                 | DG<br>for<br>Power<br>(dBi) | DG<br>for<br>PSD<br>(dBi) |
|---------------------|-----------------|-----------------|-----------------------------|---------------------------|
|                     | Ant. 9<br>(dBi) | Ant. 8<br>(dBi) |                             |                           |
| 5925 MHz ~ 6425 MHz | 2.90            | 4.00            | 4.00                        | 3.48                      |
| 6425 MHz ~ 6525 MHz | 3.20            | 4.00            | 4.00                        | 3.62                      |
| 6525 MHz ~ 6875 MHz | 3.30            | 3.90            | 3.90                        | 3.61                      |
| 6875 MHz ~ 7125 MHz | 3.40            | 2.80            | 3.40                        | 3.11                      |

Calculation example:

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

$$10 \times \log \left\{ \left[ 10^{\frac{2.90}{10}} + 10^{\frac{4.00}{10}} \right] \right\} / 2 \\ = 3.48 \text{ dBi}$$



## 4 List of Measuring Equipment

| Instrument              | Brand Name      | Model No.                            | Serial No.                             | Characteristics             | Calibration Date | Test Date                       | Due Date      | Remark                   |
|-------------------------|-----------------|--------------------------------------|----------------------------------------|-----------------------------|------------------|---------------------------------|---------------|--------------------------|
| Hygrometer              | TECPEL          | DTM-303A                             | TP201996                               | N/A                         | Nov. 16, 2021    | Dec. 28, 2021~<br>May 20, 2022  | Nov. 15, 2022 | Conducted<br>(TH05-HY)   |
| USB Power Sensor        | Raditeq         | RPR3008W                             | RPR8W-2101<br>001 (NO:75)              | 10MHz~8GHz                  | Aug. 17, 2021    | Dec. 28, 2021~<br>May 20, 2022  | Aug. 16, 2022 | Conducted<br>(TH05-HY)   |
| Signal Analyzer         | Rohde & Schwarz | FSV40                                | 101566                                 | 10Hz~40GHz                  | Aug. 30, 2021    | Dec. 28, 2021~<br>May 20, 2022  | Aug. 29, 2022 | Conducted<br>(TH05-HY)   |
| Switch Control Manframe | E-IUSTRUMENT    | ETF-1405-0                           | EC1900067<br>(BOX7)                    | N/A                         | Aug. 12, 2021    | Dec. 28, 2021~<br>May 20, 2022  | Aug. 11, 2022 | Conducted<br>(TH05-HY)   |
| Loop Antenna            | Rohde & Schwarz | HFH2-Z2                              | 100488                                 | 9 kHz~30 MHz                | Sep. 07, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Sep. 06, 2022 | Radiation<br>(03CH15-HY) |
| Bilog Antenna           | TESEQ           | CBL 6111D &<br>00800N1D01N<br>-06    | 41912 & 05                             | 30MHz~1GHz                  | Feb. 08, 2021    | Dec. 31, 2021~<br>Feb. 05, 2022 | Feb. 07, 2022 | Radiation<br>(03CH15-HY) |
| Bilog Antenna           | TESEQ           | CBL 6111D &<br>00800N1D01N<br>-06    | 41912 & 05                             | 30MHz~1GHz                  | Feb. 06, 2022    | Feb. 06, 2021~<br>Feb. 17, 2022 | Feb. 05, 2023 | Radiation<br>(03CH15-HY) |
| Amplifier               | SONOMA          | 310N                                 | 363440                                 | 9kHz~1GHz                   | Dec. 27, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Dec. 26, 2022 | Radiation<br>(03CH15-HY) |
| Horn Antenna            | SCHWARZBECK     | BBHA 9120 D                          | 9120D-01620                            | 1GHz~18GHz                  | Oct. 25, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Oct. 24, 2022 | Radiation<br>(03CH15-HY) |
| SHF-EHF Horn Antenna    | SCHWARZBECK     | BBHA 9170                            | BBHA917025<br>1                        | 18GHz~40GHz                 | Nov. 30, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Nov. 29, 2022 | Radiation<br>(03CH15-HY) |
| Preamplifier            | Jet-Power       | JPA0118-55-30<br>3                   | 17100018000<br>55006                   | 1GHz~18GHz                  | May 06, 2021     | Dec. 31, 2021~<br>Feb. 17, 2022 | May 05, 2022  | Radiation<br>(03CH15-HY) |
| Preamplifier            | Keysight        | 83017A                               | MY53270195                             | 1GHz~26.5GHz                | Aug. 19, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Aug. 18, 2022 | Radiation<br>(03CH15-HY) |
| Preamplifier            | EMEC            | EM18G40G                             | 060801                                 | 18-40GHz                    | Jun. 22, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Jun. 21, 2022 | Radiation<br>(03CH15-HY) |
| EMI Test Receiver       | Keysight        | N9038A(MXE)                          | MY54130085                             | 20MHz~8.4GHz                | Oct. 21, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Oct. 20, 2022 | Radiation<br>(03CH15-HY) |
| Spectrum Analyzer       | Agilent         | E4446A                               | MY50180136                             | 3Hz~44GHz                   | May 07, 2021     | Dec. 31, 2021~<br>Feb. 17, 2022 | May 06, 2022  | Radiation<br>(03CH15-HY) |
| Antenna Mast            | ChainTek        | MBS-520-1                            | N/A                                    | 1m~4m                       | N/A              | Dec. 31, 2021~<br>Feb. 17, 2022 | N/A           | Radiation<br>(03CH15-HY) |
| Turn Table              | ChainTek        | T-200-S-1                            | N/A                                    | 0~360 Degree                | N/A              | Dec. 31, 2021~<br>Feb. 17, 2022 | N/A           | Radiation<br>(03CH15-HY) |
| Software                | Audix           | E3<br>6.2009-8-24<br>(k5)            | RK-000451                              | N/A                         | N/A              | Dec. 31, 2021~<br>Feb. 17, 2022 | N/A           | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER + SUHNER  | SUCOFLEX<br>104, 102E                | MY36980/4,<br>MY9838/4PE,<br>508405/2E | 30MHz~18G                   | Nov. 15, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Nov. 14, 2022 | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER + SUHNER  | SUCOFLEX<br>102                      | 505134/2                               | 30MHz~40GHz                 | Feb. 22, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Feb. 21, 2022 | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER + SUHNER  | SUCOFLEX<br>102                      | 800740/2                               | 30MHz~40GHz                 | Feb. 22, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Feb. 21, 2022 | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER + SUHNER  | SUCOFLEX<br>104                      | MY9837/4PE                             | 9kHz~30MHz                  | Mar. 11, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Mar. 10, 2022 | Radiation<br>(03CH15-HY) |
| Filter                  | Wainwright      | WLJ4-1000-15<br>30-6000-40ST         | SN4                                    | 1.53GHz Low<br>Pass Filter  | Jul. 02, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Jul. 01, 2022 | Radiation<br>(03CH15-HY) |
| Filter                  | Wainwright      | WHKX8-5872.<br>5-6750-18000-<br>40ST | SN6                                    | 6.75GHz High<br>Pass Filter | Jun. 30, 2021    | Dec. 31, 2021~<br>Feb. 17, 2022 | Jun. 29, 2022 | Radiation<br>(03CH15-HY) |



| Instrument                    | Brand Name      | Model No.                          | Serial No.      | Characteristics | Calibration Date        | Test Date     | Due Date                | Remark               |
|-------------------------------|-----------------|------------------------------------|-----------------|-----------------|-------------------------|---------------|-------------------------|----------------------|
| AC Power Source               | ChainTek        | APC-1000W                          | N/A             | N/A             | N/A                     | Dec. 22, 2021 | N/A                     | Conduction (CO05-HY) |
| EMI Test Receiver             | Rohde & Schwarz | ESR3                               | 102388          | 9kHz~3.6GHz     | Dec. 01, 2021           | Dec. 22, 2021 | Nov. 30, 2022           | Conduction (CO05-HY) |
| Hygrometer                    | Testo           | 608-H1                             | 34913912        | N/A             | Nov. 17, 2021           | Dec. 22, 2021 | Nov. 16, 2022           | Conduction (CO05-HY) |
| LISN                          | Rohde & Schwarz | ENV216                             | 100080          | 9kHz~30MHz      | Dec. 03, 2021           | Dec. 22, 2021 | Dec. 02, 2022           | Conduction (CO05-HY) |
| Software                      | Rohde & Schwarz | EMC32                              | N/A             | N/A             | N/A                     | Dec. 22, 2021 | N/A                     | Conduction (CO05-HY) |
| Pulse Limiter                 | SCHWARZBECK     | VTSD 9561-FN                       | 00691           | N/A             | Jul. 28, 2021           | Dec. 22, 2021 | Jul. 27, 2022           | Conduction (CO05-HY) |
| LISN Cable                    | MVE             | RG-400                             | 260260          | N/A             | Dec. 31, 2020           | Dec. 22, 2021 | Dec. 30, 2021           | Conduction (CO05-HY) |
| Signal Generator (Interferer) | Rohde & Schwarz | SMW200A                            | 109425          | 100kHz~7.5GHz   | Jan. 13, 2022           | Mar. 04, 2022 | Jan. 12, 2023           | CBP (DF02-HY)        |
| Spectrum Analyzer             | Rohde & Schwarz | FSV3044                            | 101048          | 10Hz~44GHz      | Apr. 20, 2021           | Mar. 04, 2022 | Apr. 19, 2022           | CBP (DF02-HY)        |
| Power Divider                 | Woken           | 2Way Divider                       | DCMB1KW7A1      | 0.5GHz-18GHz    | Calibration from System | Mar. 04, 2022 | Calibration from System | CBP (DF02-HY)        |
| Power Divider                 | Woken           | 2Way Divider                       | DCMB1KW7A2      | 0.5GHz-18GHz    | Calibration from System | Mar. 04, 2022 | Calibration from System | CBP (DF02-HY)        |
| Coupler                       | Woken           | 10dB 30W SMA                       | DOM5CIW3A1      | 0.5-18GHz       | Calibration from System | Mar. 04, 2022 | Calibration from System | CBP (DF02-HY)        |
| Power Divider                 | Woken           | 3Way SMA Power Divder Rated to 20W | STI08-0010 (#2) | 2GHz-8GHz       | Calibration from System | Mar. 04, 2022 | Calibration from System | CBP (DF02-HY)        |

## 5 Uncertainty of Evaluation

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

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.1 dB |
|-------------------------------------------------------------------------|--------|

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

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.8 dB |
|-------------------------------------------------------------------------|--------|

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

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.3 dB |
|-------------------------------------------------------------------------|--------|

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

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.6 dB |
|-------------------------------------------------------------------------|--------|





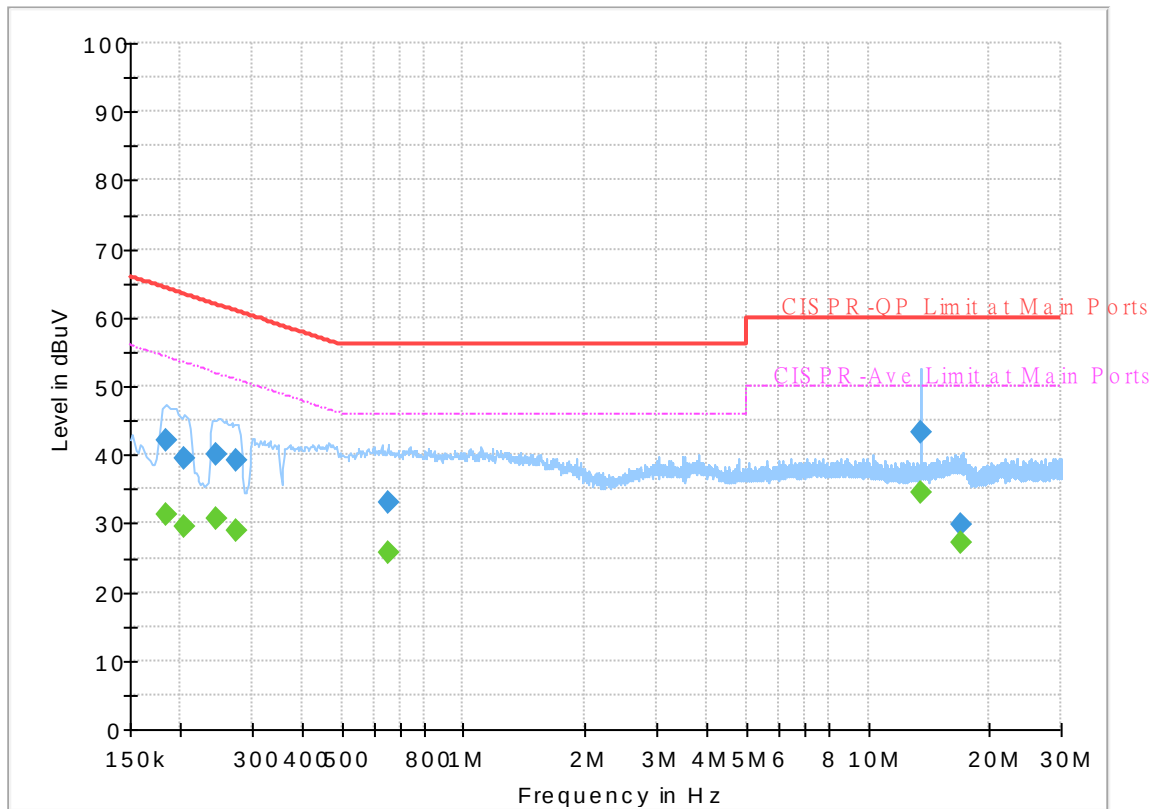
## **Appendix A. AC Conducted Emission Test Results**

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

## EUT Information

Report NO : 1D2108  
Test Mode : Mode 1  
Test Voltage : 120Vac/60Hz  
Phase : Line

Full Spectrum



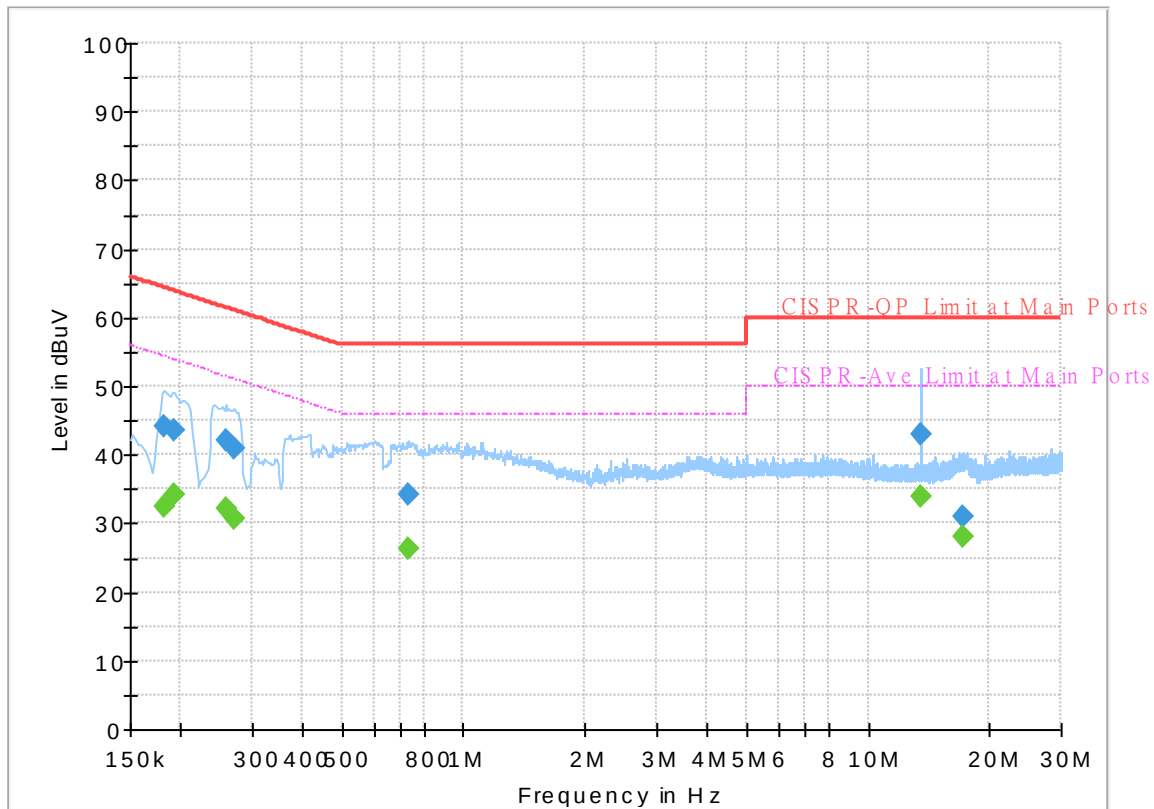
## Final Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.183750        | ---              | 31.29           | 54.31        | 23.02       | L1   | OFF    | 19.6       |
| 0.183750        | 42.20            | ---             | 64.31        | 22.11       | L1   | OFF    | 19.6       |
| 0.204000        | ---              | 29.54           | 53.45        | 23.91       | L1   | OFF    | 19.6       |
| 0.204000        | 39.38            | ---             | 63.45        | 24.07       | L1   | OFF    | 19.6       |
| 0.244500        | ---              | 30.65           | 51.94        | 21.29       | L1   | OFF    | 19.6       |
| 0.244500        | 40.05            | ---             | 61.94        | 21.89       | L1   | OFF    | 19.6       |
| 0.273750        | ---              | 29.01           | 51.00        | 21.99       | L1   | OFF    | 19.6       |
| 0.273750        | 39.06            | ---             | 61.00        | 21.94       | L1   | OFF    | 19.6       |
| 0.649500        | ---              | 25.82           | 46.00        | 20.18       | L1   | OFF    | 19.9       |
| 0.649500        | 33.11            | ---             | 56.00        | 22.89       | L1   | OFF    | 19.9       |
| 13.560000       | ---              | 34.37           | 50.00        | 15.63       | L1   | OFF    | 20.2       |
| 13.560000       | 43.34            | ---             | 60.00        | 16.66       | L1   | OFF    | 20.2       |
| 16.928250       | ---              | 27.24           | 50.00        | 22.76       | L1   | OFF    | 20.4       |
| 16.928250       | 29.92            | ---             | 60.00        | 30.08       | L1   | OFF    | 20.4       |

## EUT Information

Report NO : 1D2108  
Test Mode : Mode 1  
Test Voltage : 120Vac/60Hz  
Phase : Neutral

Full Spectrum



## Final Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.181500        | ---              | 32.36           | 54.42        | 22.06       | N    | OFF    | 19.6       |
| 0.181500        | 44.20            | ---             | 64.42        | 20.22       | N    | OFF    | 19.6       |
| 0.192750        | ---              | 34.29           | 53.92        | 19.63       | N    | OFF    | 19.6       |
| 0.192750        | 43.55            | ---             | 63.92        | 20.37       | N    | OFF    | 19.6       |
| 0.258000        | ---              | 32.19           | 51.50        | 19.31       | N    | OFF    | 19.6       |
| 0.258000        | 42.11            | ---             | 61.50        | 19.39       | N    | OFF    | 19.6       |
| 0.271500        | ---              | 30.69           | 51.07        | 20.38       | N    | OFF    | 19.6       |
| 0.271500        | 41.05            | ---             | 61.07        | 20.02       | N    | OFF    | 19.6       |
| 0.728250        | ---              | 26.40           | 46.00        | 19.60       | N    | OFF    | 20.0       |
| 0.728250        | 34.13            | ---             | 56.00        | 21.87       | N    | OFF    | 20.0       |
| 13.560000       | ---              | 34.01           | 50.00        | 15.99       | N    | OFF    | 20.3       |
| 13.560000       | 43.04            | ---             | 60.00        | 16.96       | N    | OFF    | 20.3       |
| 17.187000       | ---              | 28.15           | 50.00        | 21.85       | N    | OFF    | 20.4       |
| 17.187000       | 31.07            | ---             | 60.00        | 28.93       | N    | OFF    | 20.4       |



## Appendix B. Radiated Spurious Emission

|                 |                                       |                     |               |
|-----------------|---------------------------------------|---------------------|---------------|
| Test Engineer : | Leo Lee, Mancy Chou, and Bigshow Wang | Temperature :       | 22.1 ~ 23.1°C |
|                 |                                       | Relative Humidity : | 55.0~60.0%    |

## 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.    |
|-----------------------------|---------------------------------------------------------------------------------------------|-----------|------------|------------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|---------|
| 9+8                         |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB )     | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )    | ( dB )        | ( cm )  | ( deg )   | ( P/A )   | ( H/V ) |
| 802.11a<br>CH 01<br>5955MHz |                                                                                             | 5924.68   | 73.56      | -14.64     | 88.2       | 65.89      | 34             | 10.69     | 37.02         | 100     | 22        | P         | H       |
|                             |                                                                                             | 5924.96   | 61.78      | -6.42      | 68.2       | 54.11      | 34             | 10.69     | 37.02         | 100     | 22        | A         | H       |
|                             | *                                                                                           | 5955      | 113.19     | -          | -          | 105.55     | 33.97          | 10.71     | 37.04         | 100     | 22        | P         | H       |
|                             | *                                                                                           | 5955      | 105.65     | -          | -          | 98.01      | 33.97          | 10.71     | 37.04         | 100     | 22        | A         | H       |
|                             |                                                                                             |           |            |            |            |            |                |           |               |         |           |           | H       |
|                             |                                                                                             |           |            |            |            |            |                |           |               |         |           |           | H       |
|                             |                                                                                             | 5923.28   | 69.08      | -19.12     | 88.2       | 61.4       | 34             | 10.69     | 37.01         | 100     | 95        | P         | V       |
|                             |                                                                                             | 5923.14   | 55.43      | -12.77     | 68.2       | 47.75      | 34             | 10.69     | 37.01         | 100     | 95        | A         | V       |
|                             | *                                                                                           | 5955      | 107.14     | -          | -          | 99.5       | 33.97          | 10.71     | 37.04         | 100     | 95        | P         | V       |
|                             | *                                                                                           | 5955      | 99.57      | -          | -          | 91.93      | 33.97          | 10.71     | 37.04         | 100     | 95        | 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 802.11a (Harmonic @ 3m)

| WIFI<br>Ant.<br>9+8         | 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) |
|-----------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br>CH 01<br>5955MHz |      | 10856                | 48.83               | -25.17                  | 74                          | 56.65                   | 38.83                         | 14.23                  | 60.88                      | -                    | -                       | P                     | H             |
|                             |      | 10856                | 38.4                | -15.6                   | 54                          | 46.22                   | 38.83                         | 14.23                  | 60.88                      | -                    | -                       | A                     | H             |
|                             |      | 11910                | 47.05               | -26.95                  | 74                          | 55.03                   | 38.6                          | 14.72                  | 61.3                       | -                    | -                       | P                     | H             |
|                             |      | 14480                | 50.25               | -23.75                  | 74                          | 56.42                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                             |      | 14480                | 40.36               | -13.64                  | 54                          | 46.53                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                             |      | 17865                | 52.07               | -21.93                  | 74                          | 49.57                   | 41.71                         | 18.34                  | 57.55                      | 150                  | 28                      | P                     | H             |
|                             |      | 17865                | 40.58               | -13.42                  | 54                          | 38.08                   | 41.71                         | 18.34                  | 57.55                      | 150                  | 28                      | A                     | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      | 10944                | 48.34               | -25.66                  | 74                          | 56.27                   | 38.66                         | 14.28                  | 60.87                      | -                    | -                       | P                     | V             |
|                             |      | 10944                | 38.68               | -15.32                  | 54                          | 46.61                   | 38.66                         | 14.28                  | 60.87                      | -                    | -                       | A                     | V             |
|                             |      | 11910                | 46.09               | -27.91                  | 74                          | 54.07                   | 38.6                          | 14.72                  | 61.3                       | -                    | -                       | P                     | V             |
|                             |      | 14488                | 49.31               | -24.69                  | 74                          | 55.49                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                             |      | 14488                | 39.69               | -14.31                  | 54                          | 45.87                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                             |      | 17865                | 53.27               | -20.73                  | 74                          | 50.77                   | 41.71                         | 18.34                  | 57.55                      | 100                  | 216                     | P                     | V             |
|                             |      | 17865                | 42.43               | -11.57                  | 54                          | 39.93                   | 41.71                         | 18.34                  | 57.55                      | 100                  | 216                     | A                     | V             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                  | 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 49<br/>6195MHz</b> |      | 10816                | 48.17               | -25.83                  | 74                          | 55.9                    | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | P                     | H             |
|                                      |      | 10816                | 39.17               | -14.83                  | 54                          | 46.9                    | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | A                     | H             |
|                                      |      | 12390                | 47.04               | -26.96                  | 74                          | 55.43                   | 38.71                         | 15.03                  | 62.13                      | -                    | -                       | P                     | H             |
|                                      |      | 14480                | 48.93               | -25.07                  | 74                          | 55.1                    | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                      |      | 14480                | 40.92               | -13.08                  | 54                          | 47.09                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                      |      | 18000                | 54.04               | -19.96                  | 74                          | 49.75                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | P                     | H             |
|                                      |      | 18000                | 43.03               | -10.97                  | 54                          | 38.74                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | A                     | H             |
|                                      |      | 18585                | 42.9                | -31.1                   | 74                          | 63.88                   | 37.97                         | -3.6                   | 55.35                      | 150                  | 102                     | P                     | H             |
|                                      |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |      | 11024                | 48.42               | -25.58                  | 74                          | 56.36                   | 38.6                          | 14.32                  | 60.86                      | -                    | -                       | P                     | V             |
|                                      |      | 11024                | 38.42               | -15.58                  | 54                          | 46.36                   | 38.6                          | 14.32                  | 60.86                      | -                    | -                       | A                     | V             |
|                                      |      | 12390                | 46.5                | -27.5                   | 74                          | 54.89                   | 38.71                         | 15.03                  | 62.13                      | -                    | -                       | P                     | V             |
|                                      |      | 14472                | 48.61               | -25.39                  | 74                          | 54.77                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                      |      | 14472                | 40.6                | -13.4                   | 54                          | 46.76                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                      |      | 17968                | 52.38               | -21.62                  | 74                          | 48.47                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | P                     | V             |
|                                      |      | 17968                | 42.38               | -11.62                  | 54                          | 38.47                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | A                     | V             |
|                                      |      | 18585                | 38.7                | -35.3                   | 74                          | 59.68                   | 37.97                         | -3.6                   | 55.35                      | -                    | -                       | P                     | V             |
|                                      |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                  | 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 93<br/>6415MHz</b> |                                                                                                                                         | 12568                | 47.65               | -26.35                  | 74                          | 55.95                   | 38.77                         | 15.15                  | 62.22                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         | 12568                | 38.65               | -15.35                  | 54                          | 46.95                   | 38.77                         | 15.15                  | 62.22                      | -                    | -                       | A                     | H             |
|                                      |                                                                                                                                         | 12830                | 46.2                | -42                     | 88.2                        | 53.22                   | 39.43                         | 15.33                  | 61.78                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         | 14472                | 49.13               | -24.87                  | 74                          | 55.29                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         | 14472                | 41.13               | -12.87                  | 54                          | 47.29                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                      |                                                                                                                                         | 17984                | 52.62               | -21.38                  | 74                          | 48.52                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         | 17984                | 42.62               | -11.38                  | 54                          | 38.52                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | A                     | H             |
|                                      |                                                                                                                                         | 19245                | 39                  | -35                     | 74                          | 59.6                    | 38.1                          | -3.65                  | 55.05                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                                                                         | 10792                | 48.17               | -25.83                  | 74                          | 55.88                   | 38.98                         | 14.2                   | 60.89                      | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         | 10792                | 39.16               | -14.84                  | 54                          | 46.87                   | 38.98                         | 14.2                   | 60.89                      | -                    | -                       | A                     | V             |
|                                      |                                                                                                                                         | 12830                | 46.21               | -41.99                  | 88.2                        | 53.23                   | 39.43                         | 15.33                  | 61.78                      | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         | 14488                | 48.13               | -25.87                  | 74                          | 54.31                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         | 14488                | 41.12               | -12.88                  | 54                          | 47.3                    | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                      |                                                                                                                                         | 17976                | 51.86               | -22.14                  | 74                          | 47.87                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         | 17976                | 42.85               | -11.15                  | 54                          | 38.86                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | A                     | V             |
|                                      |                                                                                                                                         | 19245                | 46.21               | -27.79                  | 74                          | 66.81                   | 38.1                          | -3.65                  | 55.05                      | 150                  | 185                     | P                     | V             |
|                                      |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                        | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                      | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                      | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                      | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 5 5925~6425MHz

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

| WIFI Ant. 9+8                             | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE20 Full<br>CH 01<br>5955MHz |                                                                                             | 5915.86           | 81.04            | -7.16             | 88.2                  | 73.37             | 34                      | 10.68            | 37.01                | 100            | 26                | P               | H          |
|                                           |                                                                                             | 5924.96           | 66.15            | -2.05             | 68.2                  | 58.48             | 34                      | 10.69            | 37.02                | 100            | 26                | A               | H          |
|                                           | *                                                                                           | 5955              | 116.21           | -                 | -                     | 108.57            | 33.97                   | 10.71            | 37.04                | 100            | 26                | P               | H          |
|                                           | *                                                                                           | 5955              | 105.87           | -                 | -                     | 98.23             | 33.97                   | 10.71            | 37.04                | 100            | 26                | A               | H          |
|                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |                                                                                             | 5922.72           | 73.73            | -14.47            | 88.2                  | 66.05             | 34                      | 10.69            | 37.01                | 100            | 185               | P               | V          |
|                                           |                                                                                             | 5924.26           | 58.55            | -9.65             | 68.2                  | 50.88             | 34                      | 10.69            | 37.02                | 100            | 185               | A               | V          |
|                                           | *                                                                                           | 5955              | 109.3            | -                 | -                     | 101.66            | 33.97                   | 10.71            | 37.04                | 100            | 185               | P               | V          |
|                                           | *                                                                                           | 5955              | 99.41            | -                 | -                     | 91.77             | 33.97                   | 10.71            | 37.04                | 100            | 185               | A               | V          |
|                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
| Remark                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 |            |



**Band 1 5150~5250MHz****WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>9+8                                 | 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/>HE20 Full<br/>CH 01<br/>5955MHz</b> |      | 10832                | 50.04               | -23.96                  | 74                          | 57.8                    | 38.9                          | 14.22                  | 60.88                      | -                    | -                       | P                     | H             |
|                                                     |      | 10832                | 39.68               | -14.32                  | 54                          | 47.44                   | 38.9                          | 14.22                  | 60.88                      | -                    | -                       | A                     | H             |
|                                                     |      | 11910                | 46.26               | -27.74                  | 74                          | 54.24                   | 38.6                          | 14.72                  | 61.3                       | -                    | -                       | P                     | H             |
|                                                     |      | 14488                | 49.51               | -24.49                  | 74                          | 55.69                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                                     |      | 14488                | 39.47               | -14.53                  | 54                          | 45.65                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                                     |      | 17865                | 50.86               | -23.14                  | 74                          | 48.36                   | 41.71                         | 18.34                  | 57.55                      | -                    | -                       | P                     | H             |
|                                                     |      | 17865                | 40.62               | -13.38                  | 54                          | 38.12                   | 41.71                         | 18.34                  | 57.55                      | -                    | -                       | A                     | H             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                     |      | 10776                | 48.63               | -25.37                  | 74                          | 56.38                   | 38.95                         | 14.19                  | 60.89                      | -                    | -                       | P                     | V             |
|                                                     |      | 10776                | 38.57               | -15.43                  | 54                          | 46.32                   | 38.95                         | 14.19                  | 60.89                      | -                    | -                       | A                     | V             |
|                                                     |      | 11910                | 45.97               | -28.03                  | 74                          | 53.95                   | 38.6                          | 14.72                  | 61.3                       | -                    | -                       | P                     | V             |
|                                                     |      | 14496                | 49.59               | -24.41                  | 74                          | 55.76                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                                     |      | 14496                | 39.54               | -14.46                  | 54                          | 45.71                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                                     |      | 17865                | 51.45               | -22.55                  | 74                          | 48.95                   | 41.71                         | 18.34                  | 57.55                      | -                    | -                       | P                     | V             |
|                                                     |      | 17865                | 41.23               | -12.77                  | 54                          | 38.73                   | 41.71                         | 18.34                  | 57.55                      | -                    | -                       | A                     | V             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                     |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                                                   | 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</b><br><b>HE20 Full</b><br><b>CH 49</b><br><b>6195MHz</b> |      | 10896                | 48.26               | -25.74                  | 74                          | 56.17                   | 38.71                         | 14.25                  | 60.87                      | -                    | -                       | P                     | H             |
|                                                                       |      | 10896                | 38.8                | -15.2                   | 54                          | 46.71                   | 38.71                         | 14.25                  | 60.87                      | -                    | -                       | A                     | H             |
|                                                                       |      | 12390                | 45.16               | -28.84                  | 74                          | 53.55                   | 38.71                         | 15.03                  | 62.13                      | -                    | -                       | P                     | H             |
|                                                                       |      | 14472                | 49.17               | -24.83                  | 74                          | 55.33                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                                                       |      | 14472                | 39.49               | -14.51                  | 54                          | 45.65                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                                                       |      | 17992                | 52.74               | -21.26                  | 74                          | 48.55                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                     | H             |
|                                                                       |      | 17992                | 42.7                | -11.3                   | 54                          | 38.51                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                     | H             |
|                                                                       |      | 18584                | 38.66               | -35.34                  | 74                          | 59.64                   | 37.97                         | -3.6                   | 55.35                      | -                    | -                       | P                     | H             |
|                                                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                       |      | 10928                | 48.26               | -25.74                  | 74                          | 56.19                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | P                     | V             |
|                                                                       |      | 10928                | 38.88               | -15.12                  | 54                          | 46.81                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | A                     | V             |
|                                                                       |      | 12390                | 46.14               | -27.86                  | 74                          | 54.53                   | 38.71                         | 15.03                  | 62.13                      | -                    | -                       | P                     | V             |
|                                                                       |      | 14496                | 48.9                | -25.1                   | 74                          | 55.07                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                                                       |      | 14496                | 39.53               | -14.47                  | 54                          | 45.7                    | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                                                       |      | 17888                | 53.03               | -20.97                  | 74                          | 50.15                   | 42.03                         | 18.35                  | 57.5                       | -                    | -                       | P                     | V             |
|                                                                       |      | 17888                | 43.3                | -10.7                   | 54                          | 40.42                   | 42.03                         | 18.35                  | 57.5                       | -                    | -                       | A                     | V             |
|                                                                       |      | 18585                | 38.63               | -35.37                  | 74                          | 59.61                   | 37.97                         | -3.6                   | 55.35                      | -                    | -                       | P                     | V             |
|                                                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                       | 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 93<br>6415MHz |                                                                                                                                         | 10912                | 48.64               | -25.36                  | 74                          | 56.56                   | 38.69                         | 14.26                  | 60.87                      | -                    | -                       | P                     | H             |
|                                           |                                                                                                                                         | 10912                | 38.73               | -15.27                  | 54                          | 46.65                   | 38.69                         | 14.26                  | 60.87                      | -                    | -                       | A                     | H             |
|                                           |                                                                                                                                         | 12830                | 47.94               | -40.26                  | 88.2                        | 54.96                   | 39.43                         | 15.33                  | 61.78                      | -                    | -                       | P                     | H             |
|                                           |                                                                                                                                         | 14472                | 47.9                | -26.1                   | 74                          | 54.06                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                           |                                                                                                                                         | 14472                | 38.53               | -15.47                  | 54                          | 44.69                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                           |                                                                                                                                         | 17888                | 53.71               | -20.29                  | 74                          | 50.83                   | 42.03                         | 18.35                  | 57.5                       | -                    | -                       | P                     | H             |
|                                           |                                                                                                                                         | 17888                | 43.17               | -10.83                  | 54                          | 40.29                   | 42.03                         | 18.35                  | 57.5                       | -                    | -                       | A                     | H             |
|                                           |                                                                                                                                         | 19235                | 43.8                | -30.2                   | 74                          | 64.41                   | 38.09                         | -3.65                  | 55.05                      | -                    | -                       | P                     | H             |
|                                           |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                                                                         | 10816                | 48.68               | -25.32                  | 74                          | 56.41                   | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | P                     | V             |
|                                           |                                                                                                                                         | 10816                | 38.33               | -15.67                  | 54                          | 46.06                   | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | A                     | V             |
|                                           |                                                                                                                                         | 12830                | 46.94               | -41.26                  | 88.2                        | 53.96                   | 39.43                         | 15.33                  | 61.78                      | -                    | -                       | P                     | V             |
|                                           |                                                                                                                                         | 14480                | 49.53               | -24.47                  | 74                          | 55.7                    | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                           |                                                                                                                                         | 14480                | 38.91               | -15.09                  | 54                          | 45.08                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                           |                                                                                                                                         | 17952                | 52.27               | -21.73                  | 74                          | 48.55                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | V             |
|                                           |                                                                                                                                         | 17952                | 41.84               | -12.16                  | 54                          | 38.12                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | V             |
|                                           |                                                                                                                                         | 19235                | 42.36               | -31.64                  | 74                          | 62.97                   | 38.09                         | -3.65                  | 55.05                      | -                    | -                       | P                     | V             |
|                                           |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                             | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                           | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                           | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                           | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |

**Band 5 5925~6425MHz****WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

| WIFI Ant. 9+8                                                         | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| <b>802.11ax<br/>HE20<br/>Partial<br/>106/53<br/>CH 01<br/>5955MHz</b> |                                                                                             | 5923.28           | 86.8             | -1.4              | 88.2                  | 79.12             | 34                      | 10.69            | 37.01                | 100            | 4                 | P               | H          |
|                                                                       |                                                                                             | 5923.42           | 63.51            | -4.69             | 68.2                  | 55.83             | 34                      | 10.69            | 37.01                | 100            | 4                 | A               | H          |
|                                                                       | *                                                                                           | 5955              | 115.51           | -                 | -                     | 107.87            | 33.97                   | 10.71            | 37.04                | 100            | 4                 | P               | H          |
|                                                                       | *                                                                                           | 5955              | 106.05           | -                 | -                     | 98.41             | 33.97                   | 10.71            | 37.04                | 100            | 4                 | A               | H          |
|                                                                       |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                                       |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                                       |                                                                                             | 5923.56           | 77.95            | -10.25            | 88.2                  | 70.27             | 34                      | 10.69            | 37.01                | 400            | 267               | P               | V          |
|                                                                       |                                                                                             | 5923              | 56.7             | -11.5             | 68.2                  | 49.02             | 34                      | 10.69            | 37.01                | 400            | 267               | A               | V          |
|                                                                       | *                                                                                           | 5955              | 103.38           | -                 | -                     | 95.74             | 33.97                   | 10.71            | 37.04                | 400            | 267               | P               | V          |
|                                                                       | *                                                                                           | 5955              | 92.75            | -                 | -                     | 85.11             | 33.97                   | 10.71            | 37.04                | 400            | 267               | 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 HE40 Full (Band Edge @ 3m)

| WIFI Ant. 9+8                             | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE40 Full<br>CH 03<br>5965MHz |                                                                                             | 5924.82           | 77.28            | -10.92            | 88.2                  | 69.61             | 34                      | 10.69            | 37.02                | 100            | 5                 | P               | H          |
|                                           |                                                                                             | 5923.7            | 63.85            | -4.35             | 68.2                  | 56.18             | 34                      | 10.69            | 37.02                | 100            | 5                 | A               | H          |
|                                           | *                                                                                           | 5965              | 113.71           | -                 | -                     | 106.12            | 33.91                   | 10.72            | 37.04                | 100            | 5                 | P               | H          |
|                                           | *                                                                                           | 5965              | 102.72           | -                 | -                     | 95.13             | 33.91                   | 10.72            | 37.04                | 100            | 5                 | A               | H          |
|                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |                                                                                             | 5924.12           | 69.49            | -18.71            | 88.2                  | 61.82             | 34                      | 10.69            | 37.02                | 100            | 222               | P               | V          |
|                                           |                                                                                             | 5924.54           | 56.51            | -11.69            | 68.2                  | 48.84             | 34                      | 10.69            | 37.02                | 100            | 222               | A               | V          |
|                                           | *                                                                                           | 5965              | 106.19           | -                 | -                     | 98.6              | 33.91                   | 10.72            | 37.04                | 100            | 222               | P               | V          |
|                                           | *                                                                                           | 5965              | 96.43            | -                 | -                     | 88.84             | 33.91                   | 10.72            | 37.04                | 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 HE40 Full (Harmonic @ 3m)

| WIFI<br>Ant.<br>9+8                       | 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 |      | 11000                | 48.82               | -25.18                  | 74                          | 56.77                   | 38.6                          | 14.31                  | 60.86                      | -                    | -                       | P                     | H             |
|                                           |      | 11000                | 38.76               | -15.24                  | 54                          | 46.71                   | 38.6                          | 14.31                  | 60.86                      | -                    | -                       | A                     | H             |
|                                           |      | 11930                | 46.24               | -27.76                  | 74                          | 54.24                   | 38.6                          | 14.73                  | 61.33                      | -                    | -                       | P                     | H             |
|                                           |      | 14480                | 50.11               | -23.89                  | 74                          | 56.28                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                           |      | 14480                | 40.04               | -13.96                  | 54                          | 46.21                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                           |      | 17895                | 52.37               | -21.63                  | 74                          | 49.36                   | 42.13                         | 18.36                  | 57.48                      | -                    | -                       | P                     | H             |
|                                           |      | 17895                | 42.39               | -11.61                  | 54                          | 39.38                   | 42.13                         | 18.36                  | 57.48                      | -                    | -                       | A                     | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      | 10864                | 48.74               | -25.26                  | 74                          | 56.57                   | 38.81                         | 14.24                  | 60.88                      | -                    | -                       | P                     | V             |
|                                           |      | 10864                | 38.75               | -15.25                  | 54                          | 46.58                   | 38.81                         | 14.24                  | 60.88                      | -                    | -                       | A                     | V             |
|                                           |      | 11930                | 46.13               | -27.87                  | 74                          | 54.13                   | 38.6                          | 14.73                  | 61.33                      | -                    | -                       | P                     | V             |
|                                           |      | 14488                | 50.72               | -23.28                  | 74                          | 56.9                    | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                           |      | 14488                | 40.65               | -13.35                  | 54                          | 46.83                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                           |      | 17895                | 42.13               | -31.87                  | 74                          | 39.12                   | 42.13                         | 18.36                  | 57.48                      | -                    | -                       | P                     | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                       | 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 51<br>6205MHz |      | 10928                | 48.56               | -25.44                  | 74                          | 56.49                     | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | P                       | H               |
|                                           |      | 10928                | 38.5                | -15.5                   | 54                          | 46.43                     | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | A                       | H               |
|                                           |      | 12410                | 46.32               | -27.68                  | 74                          | 54.73                     | 38.7                          | 15.05                  | 62.16                      | -                    | -                       | P                       | H               |
|                                           |      | 14472                | 49.41               | -24.59                  | 74                          | 55.57                     | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                       | H               |
|                                           |      | 14472                | 39.35               | -14.65                  | 54                          | 45.51                     | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                       | H               |
|                                           |      | 17936                | 53.09               | -20.91                  | 74                          | 49.57                     | 42.52                         | 18.39                  | 57.39                      | -                    | -                       | P                       | H               |
|                                           |      | 17936                | 43.89               | -10.11                  | 54                          | 40.37                     | 42.52                         | 18.39                  | 57.39                      | -                    | -                       | A                       | H               |
|                                           |      | 18615                | 38.56               | -35.44                  | 74                          | 59.14                     | 38.36                         | -3.61                  | 55.33                      | -                    | -                       | P                       | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      | 10816                | 48.46               | -25.54                  | 74                          | 56.19                     | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | P                       | V               |
|                                           |      | 10816                | 38.46               | -15.54                  | 54                          | 46.19                     | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | A                       | V               |
|                                           |      | 12410                | 46.94               | -27.06                  | 74                          | 55.35                     | 38.7                          | 15.05                  | 62.16                      | -                    | -                       | P                       | V               |
|                                           |      | 14472                | 49.49               | -24.51                  | 74                          | 55.65                     | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                       | V               |
|                                           |      | 14472                | 39.47               | -14.53                  | 54                          | 45.63                     | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                       | V               |
|                                           |      | 17960                | 53.09               | -20.91                  | 74                          | 49.28                     | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                       | V               |
|                                           |      | 17960                | 44.12               | -9.88                   | 54                          | 40.31                     | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                       | V               |
|                                           |      | 18615                | 38.12               | -35.88                  | 74                          | 58.7                      | 38.36                         | -3.61                  | 55.33                      | -                    | -                       | P                       | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |

| WIFI                                      | Note                                                                                                                                                                                                                                                                                                                                           | Frequency | Level      | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol.  |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|-------|
| Ant. 9+8                                  |                                                                                                                                                                                                                                                                                                                                                | ( MHz )   | ( dBμV/m ) | ( dB )     | ( dBμV/m ) | (dBμV)     | ( dB/m )       | ( dB )    | ( dB )        | ( cm )  | ( deg )   | (P/A)     | (H/V) |
| 802.11ax<br>HE40 Full<br>CH 91<br>6405MHz |                                                                                                                                                                                                                                                                                                                                                | 11824     | 47.94      | -26.06     | 74         | 56.01      | 38.45          | 14.69     | 61.21         | -       | -         | P         | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 11824     | 38.15      | -15.85     | 54         | 46.22      | 38.45          | 14.69     | 61.21         | -       | -         | A         | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 12810     | 46.41      | -41.79     | 88.2       | 53.5       | 39.41          | 15.32     | 61.82         | -       | -         | P         | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 14488     | 48.5       | -25.5      | 74         | 54.68      | 40.51          | 16.49     | 63.18         | -       | -         | P         | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 14488     | 39.71      | -14.29     | 54         | 45.89      | 40.51          | 16.49     | 63.18         | -       | -         | A         | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 17960     | 51.93      | -22.07     | 74         | 48.12      | 42.74          | 18.4      | 57.33         | -       | -         | P         | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 17960     | 42.14      | -11.86     | 54         | 38.33      | 42.74          | 18.4      | 57.33         | -       | -         | A         | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 19215     | 41.73      | -32.27     | 74         | 62.35      | 38.09          | -3.65     | 55.06         | -       | -         | P         | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                |           |            |            |            |            |                |           |               |         |           |           | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                |           |            |            |            |            |                |           |               |         |           |           | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                |           |            |            |            |            |                |           |               |         |           |           | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                |           |            |            |            |            |                |           |               |         |           |           | H     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 11768     | 47.7       | -26.3      | 74         | 55.76      | 38.43          | 14.66     | 61.15         | -       | -         | P         | V     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 11768     | 37.91      | -16.09     | 54         | 45.97      | 38.43          | 14.66     | 61.15         | -       | -         | A         | V     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 12810     | 45.43      | -42.77     | 88.2       | 52.52      | 39.41          | 15.32     | 61.82         | -       | -         | P         | V     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 14488     | 48.32      | -25.68     | 74         | 54.5       | 40.51          | 16.49     | 63.18         | -       | -         | P         | V     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 14488     | 39.53      | -14.47     | 54         | 45.71      | 40.51          | 16.49     | 63.18         | -       | -         | A         | V     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 17952     | 51.98      | -22.02     | 74         | 48.26      | 42.67          | 18.4      | 57.35         | -       | -         | P         | V     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 17952     | 42.19      | -11.81     | 54         | 38.47      | 42.67          | 18.4      | 57.35         | -       | -         | A         | V     |
|                                           |                                                                                                                                                                                                                                                                                                                                                | 19215     | 38.37      | -35.63     | 74         | 58.99      | 38.09          | -3.65     | 55.06         | -       | -         | P         | V     |
|                                           |                                                                                                                                                                                                                                                                                                                                                |           |            |            |            |            |                |           |               |         |           | V         |       |
|                                           |                                                                                                                                                                                                                                                                                                                                                |           |            |            |            |            |                |           |               |         |           | 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 5 5925~6425MHz****WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)**

| WIFI Ant. 9+8                                             | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE40<br>Partial<br>242/61<br>CH 03<br>5965MHz |                                                                                             | 5916.78           | 83.93            | -4.27             | 88.2                  | 76.26             | 34                      | 10.68            | 37.01                | 100            | 28                | P               | H          |
|                                                           |                                                                                             | 5918.04           | 65.89            | -2.31             | 68.2                  | 58.22             | 34                      | 10.68            | 37.01                | 100            | 28                | A               | H          |
|                                                           | *                                                                                           | 5965              | 114.07           | -                 | -                     | 106.48            | 33.91                   | 10.72            | 37.04                | 100            | 28                | P               | H          |
|                                                           | *                                                                                           | 5965              | 104.56           | -                 | -                     | 96.97             | 33.91                   | 10.72            | 37.04                | 100            | 28                | A               | H          |
|                                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                           |                                                                                             | 5905.62           | 78.64            | -9.56             | 88.2                  | 70.97             | 34                      | 10.67            | 37                   | 400            | 266               | P               | V          |
|                                                           |                                                                                             | 5905.62           | 59.86            | -8.34             | 68.2                  | 52.19             | 34                      | 10.67            | 37                   | 400            | 266               | A               | V          |
|                                                           | *                                                                                           | 5965              | 97.42            | -                 | -                     | 89.83             | 33.91                   | 10.72            | 37.04                | 400            | 266               | P               | V          |
|                                                           | *                                                                                           | 5965              | 88.97            | -                 | -                     | 81.38             | 33.91                   | 10.72            | 37.04                | 400            | 266               | 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 Ant. 9+8                             | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE80 Full<br>CH 07<br>5985MHz |                                                                                             | 5906.92           | 77.52            | -10.68            | 88.2                  | 69.85             | 34                      | 10.67            | 37                   | 100            | 24                | P               | H          |
|                                           |                                                                                             | 5925              | 66.03            | -2.17             | 68.2                  | 58.36             | 34                      | 10.69            | 37.02                | 100            | 24                | A               | H          |
|                                           | *                                                                                           | 5985              | 108.72           | -                 | -                     | 101.26            | 33.79                   | 10.73            | 37.06                | 100            | 24                | P               | H          |
|                                           | *                                                                                           | 5985              | 98.67            | -                 | -                     | 91.21             | 33.79                   | 10.73            | 37.06                | 100            | 24                | A               | H          |
|                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |                                                                                             | 5908.2            | 72.38            | -15.82            | 88.2                  | 64.7              | 34                      | 10.68            | 37                   | 100            | 88                | P               | V          |
|                                           |                                                                                             | 5919.88           | 59.98            | -8.22             | 68.2                  | 52.31             | 34                      | 10.68            | 37.01                | 100            | 88                | A               | V          |
|                                           | *                                                                                           | 5985              | 102.77           | -                 | -                     | 95.31             | 33.79                   | 10.73            | 37.06                | 100            | 88                | P               | V          |
|                                           | *                                                                                           | 5985              | 92.74            | -                 | -                     | 85.28             | 33.79                   | 10.73            | 37.06                | 100            | 88                | 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 (Harmonic @ 3m)

| WIFI<br>Ant.<br>9+8                       | 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 07<br>5985MHz |      | 10784                | 49.03               | -24.97                  | 74                          | 56.75                   | 38.97                         | 14.2                   | 60.89                      | -                    | -                       | P                     | H             |
|                                           |      | 10784                | 38.98               | -15.02                  | 54                          | 46.7                    | 38.97                         | 14.2                   | 60.89                      | -                    | -                       | A                     | H             |
|                                           |      | 11970                | 46.11               | -27.89                  | 74                          | 54.13                   | 38.6                          | 14.75                  | 61.37                      | -                    | -                       | P                     | H             |
|                                           |      | 14488                | 49.79               | -24.21                  | 74                          | 55.97                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                           |      | 14488                | 39.75               | -14.25                  | 54                          | 45.93                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                           |      | 17955                | 55.11               | -18.89                  | 74                          | 51.36                   | 42.69                         | 18.4                   | 57.34                      | -                    | -                       | P                     | H             |
|                                           |      | 17955                | 45.07               | -8.93                   | 54                          | 41.32                   | 42.69                         | 18.4                   | 57.34                      | -                    | -                       | A                     | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                           |      | 10896                | 48.91               | -25.09                  | 74                          | 56.82                   | 38.71                         | 14.25                  | 60.87                      | -                    | -                       | P                     | V             |
|                                           |      | 10896                | 38.86               | -15.14                  | 54                          | 46.77                   | 38.71                         | 14.25                  | 60.87                      | -                    | -                       | A                     | V             |
|                                           |      | 11970                | 46.09               | -27.91                  | 74                          | 54.11                   | 38.6                          | 14.75                  | 61.37                      | -                    | -                       | P                     | V             |
|                                           |      | 14480                | 49.99               | -24.01                  | 74                          | 56.16                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                           |      | 14480                | 39.94               | -14.06                  | 54                          | 46.11                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                           |      | 17955                | 53.93               | -20.07                  | 74                          | 50.18                   | 42.69                         | 18.4                   | 57.34                      | -                    | -                       | P                     | V             |
|                                           |      | 17955                | 44.08               | -9.92                   | 54                          | 40.33                   | 42.69                         | 18.4                   | 57.34                      | -                    | -                       | A                     | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                           |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                       | 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 55<br>6225MHz |      | 10952                | 49.24               | -24.76                  | 74                          | 57.18                     | 38.65                         | 14.28                  | 60.87                      | -                    | -                       | P                       | H               |
|                                           |      | 10952                | 39.25               | -14.75                  | 54                          | 47.19                     | 38.65                         | 14.28                  | 60.87                      | -                    | -                       | A                       | H               |
|                                           |      | 12450                | 47.24               | -26.76                  | 74                          | 55.71                     | 38.7                          | 15.07                  | 62.24                      | -                    | -                       | P                       | H               |
|                                           |      | 14480                | 49.22               | -24.78                  | 74                          | 55.39                     | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                       | H               |
|                                           |      | 14480                | 39.16               | -14.84                  | 54                          | 45.33                     | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                       | H               |
|                                           |      | 18000                | 52.67               | -21.33                  | 74                          | 48.38                     | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | P                       | H               |
|                                           |      | 18000                | 42.61               | -11.39                  | 54                          | 38.32                     | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | A                       | H               |
|                                           |      | 18675                | 37.77               | -36.23                  | 74                          | 58.65                     | 38.04                         | -3.62                  | 55.3                       | -                    | -                       | P                       | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      | 10816                | 48.46               | -25.54                  | 74                          | 56.19                     | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | P                       | V               |
|                                           |      | 10816                | 38.4                | -15.6                   | 54                          | 46.13                     | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | A                       | V               |
|                                           |      | 12450                | 47.05               | -26.95                  | 74                          | 55.52                     | 38.7                          | 15.07                  | 62.24                      | -                    | -                       | P                       | V               |
|                                           |      | 14488                | 50.41               | -23.59                  | 74                          | 56.59                     | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                       | V               |
|                                           |      | 14488                | 40.39               | -13.61                  | 54                          | 46.57                     | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                       | V               |
|                                           |      | 17992                | 52.77               | -21.23                  | 74                          | 48.58                     | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                       | V               |
|                                           |      | 17992                | 42.71               | -11.29                  | 54                          | 38.52                     | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                       | V               |
|                                           |      | 18675                | 38.98               | -35.02                  | 74                          | 59.86                     | 38.04                         | -3.62                  | 55.3                       | -                    | -                       | P                       | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |

| WIFI<br>Ant.<br>9+8                       | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 87<br>6385MHz |                                                                                                                                         | 10928                    | 48.24                   | -25.76                  | 74                          | 56.17                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | P                     | H             |   |
|                                           |                                                                                                                                         | 10928                    | 38.19                   | -15.81                  | 54                          | 46.12                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | A                     | H             |   |
|                                           |                                                                                                                                         | 12770                    | 46.65                   | -41.55                  | 88.2                        | 53.96                   | 39.28                         | 15.29                  | 61.88                      | -                    | -                       | P                     | H             |   |
|                                           |                                                                                                                                         | 14488                    | 49.31                   | -24.69                  | 74                          | 55.49                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |   |
|                                           |                                                                                                                                         | 14488                    | 39.26                   | -14.74                  | 54                          | 45.44                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |   |
|                                           |                                                                                                                                         | 17944                    | 53.34                   | -20.66                  | 74                          | 49.72                   | 42.6                          | 18.39                  | 57.37                      | -                    | -                       | P                     | H             |   |
|                                           |                                                                                                                                         | 17944                    | 43.33                   | -10.67                  | 54                          | 39.71                   | 42.6                          | 18.39                  | 57.37                      | -                    | -                       | A                     | H             |   |
|                                           |                                                                                                                                         | 19155                    | 39.28                   | -34.72                  | 74                          | 59.95                   | 38.06                         | -3.66                  | 55.07                      | -                    | -                       | P                     | H             |   |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | H |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | H |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | H |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | H |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |
|                                           |                                                                                                                                         | 10912                    | 48.22                   | -25.78                  | 74                          | 56.14                   | 38.69                         | 14.26                  | 60.87                      | -                    | -                       | P                     | V             |   |
|                                           |                                                                                                                                         | 10912                    | 38.2                    | -15.8                   | 54                          | 46.12                   | 38.69                         | 14.26                  | 60.87                      | -                    | -                       | A                     | V             |   |
|                                           |                                                                                                                                         | 12770                    | 46.51                   | -41.69                  | 88.2                        | 53.82                   | 39.28                         | 15.29                  | 61.88                      | -                    | -                       | P                     | V             |   |
|                                           |                                                                                                                                         | 14488                    | 49.21                   | -24.79                  | 74                          | 55.39                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |   |
|                                           |                                                                                                                                         | 14488                    | 39.18                   | -14.82                  | 54                          | 45.36                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |   |
|                                           |                                                                                                                                         | 17968                    | 53.43                   | -20.57                  | 74                          | 49.52                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | P                     | V             |   |
|                                           |                                                                                                                                         | 17968                    | 43.48                   | -10.52                  | 54                          | 39.57                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | A                     | V             |   |
|                                           | 19155                                                                                                                                   | 38.52                    | -35.48                  | 74                      | 59.19                       | 38.06                   | -3.66                         | 55.07                  | -                          | -                    | P                       | V                     |               |   |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |   |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |   |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |   |
|                                           |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |   |
| Remark                                    | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |
|                                           | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |
|                                           | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |
|                                           | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |



**Band 5 5925~6425MHz**

**WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)**

| WIFI Ant. 9+8                                             | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE80<br>Partial<br>484/65<br>CH 07<br>5985MHz |                                                                                             | 5923.08           | 85.01            | -3.19             | 88.2                  | 77.33             | 34                      | 10.69            | 37.01                | 100            | 20                | P               | H          |
|                                                           |                                                                                             | 5923.08           | 66.52            | -1.68             | 68.2                  | 58.84             | 34                      | 10.69            | 37.01                | 100            | 20                | A               | H          |
|                                                           | *                                                                                           | 5985              | 111.58           | -                 | -                     | 104.12            | 33.79                   | 10.73            | 37.06                | 100            | 20                | P               | H          |
|                                                           | *                                                                                           | 5985              | 101.94           | -                 | -                     | 94.48             | 33.79                   | 10.73            | 37.06                | 100            | 20                | A               | H          |
|                                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                           |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                           |                                                                                             | 5924.68           | 78.81            | -9.39             | 88.2                  | 71.14             | 34                      | 10.69            | 37.02                | 250            | 300               | P               | V          |
|                                                           |                                                                                             | 5924.52           | 59.72            | -8.48             | 68.2                  | 52.05             | 34                      | 10.69            | 37.02                | 250            | 300               | A               | V          |
|                                                           | *                                                                                           | 5985              | 103.58           | -                 | -                     | 96.12             | 33.79                   | 10.73            | 37.06                | 250            | 300               | P               | V          |
|                                                           | *                                                                                           | 5985              | 94.59            | -                 | -                     | 87.13             | 33.79                   | 10.73            | 37.06                | 250            | 300               | 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 (Band Edge @ 3m)

| WIFI Ant. 9+8                              | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE160 Full<br>CH 15<br>6025MHz |                                                                                             | 5883.56           | 76.63            | -11.57            | 88.2                  | 68.99             | 33.97                   | 10.66            | 36.99                | 100            | 20                | P               | H          |
|                                            |                                                                                             | 5893.8            | 64.39            | -3.81             | 68.2                  | 56.72             | 33.99                   | 10.67            | 36.99                | 100            | 20                | A               | H          |
|                                            | *                                                                                           | 6025              | 105.54           | -                 | -                     | 97.99             | 33.85                   | 10.76            | 37.06                | 100            | 20                | P               | H          |
|                                            | *                                                                                           | 6025              | 95.13            | -                 | -                     | 87.58             | 33.85                   | 10.76            | 37.06                | 100            | 20                | A               | H          |
|                                            |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |                                                                                             | 5899.56           | 70.44            | -17.76            | 88.2                  | 62.77             | 34                      | 10.67            | 37                   | 400            | 268               | P               | V          |
|                                            |                                                                                             | 5893.8            | 59.32            | -8.88             | 68.2                  | 51.65             | 33.99                   | 10.67            | 36.99                | 400            | 268               | A               | V          |
|                                            | *                                                                                           | 6025              | 101.84           | -                 | -                     | 94.29             | 33.85                   | 10.76            | 37.06                | 400            | 268               | P               | V          |
|                                            | *                                                                                           | 6025              | 91.85            | -                 | -                     | 84.3              | 33.85                   | 10.76            | 37.06                | 400            | 268               | 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>9+8                        | 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 |      | 11816                | 48.14               | -25.86                  | 74                          | 56.22                     | 38.43                         | 14.69                  | 61.2                       | -                    | -                       | P                       | H               |
|                                            |      | 11816                | 38.35               | -15.65                  | 54                          | 46.43                     | 38.43                         | 14.69                  | 61.2                       | -                    | -                       | A                       | H               |
|                                            |      | 12050                | 44.98               | -29.02                  | 74                          | 52.92                     | 38.75                         | 14.8                   | 61.49                      | -                    | -                       | P                       | H               |
|                                            |      | 14480                | 47.76               | -26.24                  | 74                          | 53.93                     | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                       | H               |
|                                            |      | 14480                | 38.97               | -15.03                  | 54                          | 45.14                     | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                       | H               |
|                                            |      | 17992                | 51.6                | -22.4                   | 74                          | 47.41                     | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                       | H               |
|                                            |      | 17992                | 41.81               | -12.19                  | 54                          | 37.62                     | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                       | H               |
|                                            |      | 18075                | 38.4                | -35.6                   | 74                          | 60.33                     | 37.62                         | -3.72                  | 55.83                      | -                    | -                       | P                       | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      | 12050                | 45.31               | -28.69                  | 74                          | 53.25                     | 38.75                         | 14.8                   | 61.49                      | -                    | -                       | P                       | V               |
|                                            |      | 12672                | 47.78               | -26.22                  | 74                          | 55.66                     | 38.94                         | 15.22                  | 62.04                      | -                    | -                       | P                       | V               |
|                                            |      | 12672                | 37.99               | -16.01                  | 54                          | 45.87                     | 38.94                         | 15.22                  | 62.04                      | -                    | -                       | A                       | V               |
|                                            |      | 14488                | 48.73               | -25.27                  | 74                          | 54.91                     | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                       | V               |
|                                            |      | 14488                | 39.94               | -14.06                  | 54                          | 46.12                     | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                       | V               |
|                                            |      | 17968                | 52.13               | -21.87                  | 74                          | 48.22                     | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | P                       | V               |
|                                            |      | 17968                | 42.34               | -11.66                  | 54                          | 38.43                     | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | A                       | V               |
|                                            |      | 18075                | 38.55               | -35.45                  | 74                          | 60.48                     | 37.62                         | -3.72                  | 55.83                      | -                    | -                       | P                       | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |





| WIFI<br>Ant.<br>9+8                                                    | 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</b><br><b>HE160 Full</b><br><b>CH 47</b><br><b>6185MHz</b> |      | 12370                | 46.34               | -27.66                  | 74                          | 54.68                   | 38.73                         | 15.02                  | 62.09                      | -                    | -                       | P                     | H             |
|                                                                        |      | 12600                | 47.55               | -26.45                  | 74                          | 55.74                   | 38.8                          | 15.17                  | 62.16                      | -                    | -                       | P                     | H             |
|                                                                        |      | 12600                | 37.76               | -16.24                  | 54                          | 45.95                   | 38.8                          | 15.17                  | 62.16                      | -                    | -                       | A                     | H             |
|                                                                        |      | 14472                | 48.76               | -25.24                  | 74                          | 54.92                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14472                | 39.97               | -14.03                  | 54                          | 46.13                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                                                        |      | 17952                | 52.08               | -21.92                  | 74                          | 48.36                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | H             |
|                                                                        |      | 17952                | 42.29               | -11.71                  | 54                          | 38.57                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | H             |
|                                                                        |      | 18555                | 37.8                | -36.2                   | 74                          | 58.83                   | 37.94                         | -3.6                   | 55.37                      | -                    | -                       | P                     | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      | 12370                | 46.14               | -27.86                  | 74                          | 54.48                   | 38.73                         | 15.02                  | 62.09                      | -                    | -                       | P                     | V             |
|                                                                        |      | 12504                | 47.58               | -26.42                  | 74                          | 56.09                   | 38.7                          | 15.11                  | 62.32                      | -                    | -                       | P                     | V             |
|                                                                        |      | 12504                | 37.79               | -16.21                  | 54                          | 46.3                    | 38.7                          | 15.11                  | 62.32                      | -                    | -                       | A                     | V             |
|                                                                        |      | 14488                | 48.86               | -25.14                  | 74                          | 55.04                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14488                | 40.07               | -13.93                  | 54                          | 46.25                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                                                        |      | 17944                | 51.74               | -22.26                  | 74                          | 48.12                   | 42.6                          | 18.39                  | 57.37                      | -                    | -                       | P                     | V             |
|                                                                        |      | 17944                | 41.95               | -12.05                  | 54                          | 38.33                   | 42.6                          | 18.39                  | 57.37                      | -                    | -                       | A                     | V             |
|                                                                        |      | 18555                | 38.26               | -35.74                  | 74                          | 59.29                   | 37.94                         | -3.6                   | 55.37                      | -                    | -                       | P                     | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |

| WIFI<br>Ant.<br>9+8                        | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 |                                                                                                                                         | 12456                    | 47.64                   | -26.36                  | 74                          | 56.11                   | 38.7                          | 15.08                  | 62.25                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 12456                    | 37.85                   | -16.15                  | 54                          | 46.32                   | 38.7                          | 15.08                  | 62.25                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 12690                    | 46.5                    | -27.5                   | 74                          | 54.3                    | 38.98                         | 15.23                  | 62.01                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14488                    | 49.13                   | -24.87                  | 74                          | 55.31                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14488                    | 40.34                   | -13.66                  | 54                          | 46.52                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 17976                    | 51.42                   | -22.58                  | 74                          | 47.43                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17976                    | 41.63                   | -12.37                  | 54                          | 37.64                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 19035                    | 38.37                   | -35.63                  | 74                          | 59.12                   | 38.01                         | -3.67                  | 55.09                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 10904                    | 48.53                   | -25.47                  | 74                          | 56.44                   | 38.7                          | 14.26                  | 60.87                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 10904                    | 38.74                   | -15.26                  | 54                          | 46.65                   | 38.7                          | 14.26                  | 60.87                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 12690                    | 46.09                   | -27.91                  | 74                          | 53.89                   | 38.98                         | 15.23                  | 62.01                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14480                    | 48.35                   | -25.65                  | 74                          | 54.52                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14480                    | 39.56                   | -14.44                  | 54                          | 45.73                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17960                    | 52.05                   | -21.95                  | 74                          | 48.24                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17960                    | 42.26                   | -11.74                  | 54                          | 38.45                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                                            | 19035                                                                                                                                   | 38.36                    | -35.64                  | 74                      | 59.11                       | 38.01                   | -3.67                         | 55.09                  | -                          | -                    | P                       | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
| Remark                                     | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 5 5925~6425MHz

## WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

| WIFI Ant. 9+8                                              | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamplifier Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE160<br>Partial<br>996/67<br>CH 15<br>6025MHz |                                                                                             | 5900.52           | 80.76            | -7.44             | 88.2                  | 73.09             | 34                      | 10.67            | 37                         | 100            | 3                 | P               | H          |
|                                                            |                                                                                             | 5896.36           | 65.75            | -2.45             | 68.2                  | 58.09             | 33.99                   | 10.67            | 37                         | 100            | 3                 | A               | H          |
|                                                            | *                                                                                           | 6025              | 107.22           | -                 | -                     | 99.67             | 33.85                   | 10.76            | 37.06                      | 100            | 3                 | P               | H          |
|                                                            | *                                                                                           | 6025              | 97.48            | -                 | -                     | 89.93             | 33.85                   | 10.76            | 37.06                      | 100            | 3                 | A               | H          |
|                                                            |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                            |                |                   |                 | H          |
|                                                            |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                            |                |                   |                 | H          |
|                                                            |                                                                                             | 5893.48           | 77.63            | -10.57            | 88.2                  | 69.96             | 33.99                   | 10.67            | 36.99                      | 314            | 287               | P               | V          |
|                                                            |                                                                                             | 5903.08           | 60.36            | -7.84             | 68.2                  | 52.69             | 34                      | 10.67            | 37                         | 314            | 287               | A               | V          |
|                                                            | *                                                                                           | 6025              | 102.49           | -                 | -                     | 94.94             | 33.85                   | 10.76            | 37.06                      | 314            | 287               | P               | V          |
|                                                            | *                                                                                           | 6025              | 92.95            | -                 | -                     | 85.4              | 33.85                   | 10.76            | 37.06                      | 314            | 287               | A               | V          |
|                                                            |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                            |                |                   |                 | V          |
|                                                            |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                            |                |                   |                 | V          |
| Remark                                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                   |                  |                   |                       |                   |                         |                  |                            |                |                   |                 |            |



## Band 6 - 6425~6525MHz

## WIFI 802.11a (Harmonic @ 3m)

| WIFI<br>Ant.<br>9+8         | 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) |
|-----------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br>CH 97<br>6435MHz |      | 11752                | 47.89               | -26.11                  | 74                          | 55.93                   | 38.45                         | 14.65                  | 61.14                      | -                    | -                       | P                     | H             |
|                             |      | 11752                | 38.89               | -15.11                  | 54                          | 46.93                   | 38.45                         | 14.65                  | 61.14                      | -                    | -                       | A                     | H             |
|                             |      | 12870                | 46.58               | -41.62                  | 88.2                        | 53.47                   | 39.47                         | 15.36                  | 61.72                      | -                    | -                       | P                     | H             |
|                             |      | 14488                | 48.2                | -25.8                   | 74                          | 54.38                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                             |      | 14488                | 41.2                | -12.8                   | 54                          | 47.38                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                             |      | 17960                | 51.46               | -22.54                  | 74                          | 47.65                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | H             |
|                             |      | 17960                | 42.45               | -11.55                  | 54                          | 38.64                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | H             |
|                             |      | 19305                | 39.98               | -34.02                  | 74                          | 60.66                   | 38.01                         | -3.65                  | 55.04                      | -                    | -                       | P                     | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                             |      | 10888                | 47.51               | -26.49                  | 74                          | 55.4                    | 38.74                         | 14.25                  | 60.88                      | -                    | -                       | P                     | V             |
|                             |      | 10888                | 38.71               | -15.29                  | 54                          | 46.6                    | 38.74                         | 14.25                  | 60.88                      | -                    | -                       | A                     | V             |
|                             |      | 12870                | 45.77               | -42.43                  | 88.2                        | 52.66                   | 39.47                         | 15.36                  | 61.72                      | -                    | -                       | P                     | V             |
|                             |      | 14480                | 48.26               | -25.74                  | 74                          | 54.43                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                             |      | 14480                | 41.45               | -12.55                  | 54                          | 47.62                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                             |      | 17960                | 51.52               | -22.48                  | 74                          | 47.71                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                             |      | 17960                | 42.52               | -11.48                  | 54                          | 38.71                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                             |      | 19305                | 50.17               | -23.83                  | 74                          | 70.85                   | 38.01                         | -3.65                  | 55.04                      | 150                  | 180                     | P                     | V             |
|                             |      | 19305                | 38.56               | -15.44                  | 54                          | 59.24                   | 38.01                         | -3.65                  | 55.04                      | 150                  | 180                     | A                     | V             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                             |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                   | 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 105<br/>6475MHz</b> |      | 10952                | 47.85               | -26.15                  | 74                          | 55.79                   | 38.65                         | 14.28                  | 60.87                      | -                    | -                       | P                     | H             |
|                                       |      | 10952                | 38.85               | -15.15                  | 54                          | 46.79                   | 38.65                         | 14.28                  | 60.87                      | -                    | -                       | A                     | H             |
|                                       |      | 12950                | 45.75               | -42.45                  | 88.2                        | 52.32                   | 39.6                          | 15.41                  | 61.58                      | -                    | -                       | P                     | H             |
|                                       |      | 14480                | 48.9                | -25.1                   | 74                          | 55.07                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                       |      | 14480                | 40.89               | -13.11                  | 54                          | 47.06                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                       |      | 17944                | 51.59               | -22.41                  | 74                          | 47.97                   | 42.6                          | 18.39                  | 57.37                      | -                    | -                       | P                     | H             |
|                                       |      | 17944                | 42.58               | -11.42                  | 54                          | 38.96                   | 42.6                          | 18.39                  | 57.37                      | -                    | -                       | A                     | H             |
|                                       |      | 19425                | 39.38               | -34.62                  | 74                          | 60.21                   | 37.82                         | -3.64                  | 55.01                      | -                    | -                       | P                     | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      | 12632                | 47.44               | -26.56                  | 74                          | 55.5                    | 38.86                         | 15.19                  | 62.11                      | -                    | -                       | P                     | V             |
|                                       |      | 12632                | 38.44               | -15.56                  | 54                          | 46.5                    | 38.86                         | 15.19                  | 62.11                      | -                    | -                       | A                     | V             |
|                                       |      | 12950                | 45.07               | -43.13                  | 88.2                        | 51.64                   | 39.6                          | 15.41                  | 61.58                      | -                    | -                       | P                     | V             |
|                                       |      | 14496                | 48.08               | -25.92                  | 74                          | 54.25                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                       |      | 14496                | 41.08               | -12.92                  | 54                          | 47.25                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                       |      | 17960                | 51.61               | -22.39                  | 74                          | 47.8                    | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                                       |      | 17960                | 42.6                | -11.4                   | 54                          | 38.79                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                                       |      | 19425                | 45.77               | -28.23                  | 74                          | 66.6                    | 37.82                         | -3.64                  | 55.01                      | 150                  | 177                     | P                     | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                   | 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 113<br/>6515MHz</b> |                                                                                                                                         | 12560                | 47.27               | -26.73                  | 74                          | 55.6                    | 38.76                         | 15.14                  | 62.23                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 12560                | 38.26               | -15.74                  | 54                          | 46.59                   | 38.76                         | 15.14                  | 62.23                      | -                    | -                       | A                     | H             |
|                                       |                                                                                                                                         | 13030                | 45.76               | -42.44                  | 88.2                        | 52.16                   | 39.67                         | 15.47                  | 61.54                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 14488                | 47.84               | -26.16                  | 74                          | 54.02                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 14488                | 40.85               | -13.15                  | 54                          | 47.03                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                       |                                                                                                                                         | 17960                | 51.71               | -22.29                  | 74                          | 47.9                    | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 17960                | 42.7                | -11.3                   | 54                          | 38.89                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | H             |
|                                       |                                                                                                                                         | 19545                | 39.41               | -34.59                  | 74                          | 60.3                    | 37.72                         | -3.62                  | 54.99                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 12560                | 47.27               | -26.73                  | 74                          | 55.6                    | 38.76                         | 15.14                  | 62.23                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                                                                         | 11744                | 47.28               | -26.72                  | 74                          | 55.3                    | 38.46                         | 14.65                  | 61.13                      | -                    | -                       | P                     | V             |
|                                       |                                                                                                                                         | 11744                | 38.28               | -15.72                  | 54                          | 46.3                    | 38.46                         | 14.65                  | 61.13                      | -                    | -                       | A                     | V             |
|                                       |                                                                                                                                         | 13030                | 45.95               | -42.25                  | 88.2                        | 52.35                   | 39.67                         | 15.47                  | 61.54                      | -                    | -                       | P                     | V             |
|                                       |                                                                                                                                         | 14480                | 48.38               | -25.62                  | 74                          | 54.55                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                       |                                                                                                                                         | 14480                | 41.37               | -12.63                  | 54                          | 47.54                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                       |                                                                                                                                         | 17960                | 52.06               | -21.94                  | 74                          | 48.25                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                                       |                                                                                                                                         | 17960                | 42.28               | -11.72                  | 54                          | 38.47                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                                       |                                                                                                                                         | 19545                | 44.65               | -29.35                  | 74                          | 65.54                   | 37.72                         | -3.62                  | 54.99                      | 150                  | 169                     | P                     | V             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                         | 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 HE20 Full (Harmonic @ 3m)

| WIFI Ant. 9+8                             | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE20 Full<br>CH 97<br>6435MHz |      | 11000             | 48.25            | -25.75            | 74                    | 56.2              | 38.6                    | 14.31            | 60.86                | -              | -                 | P               | H          |
|                                           |      | 11000             | 38.16            | -15.84            | 54                    | 46.11             | 38.6                    | 14.31            | 60.86                | -              | -                 | A               | H          |
|                                           |      | 12870             | 46.88            | -41.32            | 88.2                  | 53.77             | 39.47                   | 15.36            | 61.72                | -              | -                 | P               | H          |
|                                           |      | 14496             | 49.3             | -24.7             | 74                    | 55.47             | 40.5                    | 16.5             | 63.17                | -              | -                 | P               | H          |
|                                           |      | 14496             | 39.47            | -14.53            | 54                    | 45.64             | 40.5                    | 16.5             | 63.17                | -              | -                 | A               | H          |
|                                           |      | 17976             | 51.93            | -22.07            | 74                    | 47.94             | 42.88                   | 18.41            | 57.3                 | -              | -                 | P               | H          |
|                                           |      | 17976             | 41.85            | -12.15            | 54                    | 37.86             | 42.88                   | 18.41            | 57.3                 | -              | -                 | A               | H          |
|                                           |      | 19305             | 48.74            | -25.26            | 74                    | 69.42             | 38.01                   | -3.65            | 55.04                | -              | -                 | P               | H          |
|                                           |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                           |      | 10912             | 48.33            | -25.67            | 74                    | 56.25             | 38.69                   | 14.26            | 60.87                | -              | -                 | P               | V          |
|                                           |      | 10912             | 38.6             | -15.4             | 54                    | 46.52             | 38.69                   | 14.26            | 60.87                | -              | -                 | A               | V          |
|                                           |      | 12870             | 46.6             | -41.6             | 88.2                  | 53.49             | 39.47                   | 15.36            | 61.72                | -              | -                 | P               | V          |
|                                           |      | 14496             | 49.76            | -24.24            | 74                    | 55.93             | 40.5                    | 16.5             | 63.17                | -              | -                 | P               | V          |
|                                           |      | 14496             | 39.22            | -14.78            | 54                    | 45.39             | 40.5                    | 16.5             | 63.17                | -              | -                 | A               | V          |
|                                           |      | 17960             | 53.36            | -20.64            | 74                    | 49.55             | 42.74                   | 18.4             | 57.33                | -              | -                 | P               | V          |
|                                           |      | 17960             | 42.96            | -11.04            | 54                    | 39.15             | 42.74                   | 18.4             | 57.33                | -              | -                 | A               | V          |
|                                           |      | 19305             | 41.57            | -32.43            | 74                    | 62.25             | 38.01                   | -3.65            | 55.04                | -              | -                 | P               | V          |
|                                           |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                           |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                           |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                           |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |



| WIFI<br>Ant.<br>9+8                        | 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 105<br>6475MHz |      | 10896                | 48.64               | -25.36                  | 74                          | 56.55                   | 38.71                         | 14.25                  | 60.87                      | -                    | -                       | P                     | H             |
|                                            |      | 10896                | 38.34               | -15.66                  | 54                          | 46.25                   | 38.71                         | 14.25                  | 60.87                      | -                    | -                       | A                     | H             |
|                                            |      | 12950                | 45.93               | -42.27                  | 88.2                        | 52.5                    | 39.6                          | 15.41                  | 61.58                      | -                    | -                       | P                     | H             |
|                                            |      | 14496                | 48.95               | -25.05                  | 74                          | 55.12                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | H             |
|                                            |      | 14496                | 39.12               | -14.88                  | 54                          | 45.29                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | H             |
|                                            |      | 17968                | 52.1                | -21.9                   | 74                          | 48.19                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | P                     | H             |
|                                            |      | 17968                | 42.42               | -11.58                  | 54                          | 38.51                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | A                     | H             |
|                                            |      | 19425                | 46.9                | -27.1                   | 74                          | 67.73                   | 37.82                         | -3.64                  | 55.01                      | -                    | -                       | P                     | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      | 10960                | 48.98               | -25.02                  | 74                          | 56.93                   | 38.64                         | 14.28                  | 60.87                      | -                    | -                       | P                     | V             |
|                                            |      | 10960                | 38.88               | -15.12                  | 54                          | 46.83                   | 38.64                         | 14.28                  | 60.87                      | -                    | -                       | A                     | V             |
|                                            |      | 12950                | 46.46               | -41.74                  | 88.2                        | 53.03                   | 39.6                          | 15.41                  | 61.58                      | -                    | -                       | P                     | V             |
|                                            |      | 14488                | 49.31               | -24.69                  | 74                          | 55.49                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                            |      | 14488                | 39.67               | -14.33                  | 54                          | 45.85                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                            |      | 17952                | 53.44               | -20.56                  | 74                          | 49.72                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | V             |
|                                            |      | 17952                | 42.99               | -11.01                  | 54                          | 39.27                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | V             |
|                                            |      | 19425                | 41.43               | -32.57                  | 74                          | 62.26                   | 37.82                         | -3.64                  | 55.01                      | -                    | -                       | P                     | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                        | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 113<br>6515MHz |                                                                                                                                         | 10928                    | 48.89                   | -25.11                  | 74                          | 56.82                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 10928                    | 38.36                   | -15.64                  | 54                          | 46.29                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 13030                    | 45.56                   | -42.64                  | 88.2                        | 51.96                   | 39.67                         | 15.47                  | 61.54                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14488                    | 49.19                   | -24.81                  | 74                          | 55.37                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14488                    | 39.46                   | -14.54                  | 54                          | 45.64                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 17984                    | 52.62                   | -21.38                  | 74                          | 48.52                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17984                    | 42.35                   | -11.65                  | 54                          | 38.25                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 19545                    | 45.44                   | -28.56                  | 74                          | 66.33                   | 37.72                         | -3.62                  | 54.99                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 10936                    | 48.89                   | -25.11                  | 74                          | 56.83                   | 38.66                         | 14.27                  | 60.87                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 10936                    | 38.35                   | -15.65                  | 54                          | 46.29                   | 38.66                         | 14.27                  | 60.87                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 13030                    | 46.23                   | -41.97                  | 88.2                        | 52.63                   | 39.67                         | 15.47                  | 61.54                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14472                    | 49.04                   | -24.96                  | 74                          | 55.2                    | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14472                    | 38.95                   | -15.05                  | 54                          | 45.11                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17992                    | 53.5                    | -20.5                   | 74                          | 49.31                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17992                    | 43.32                   | -10.68                  | 54                          | 39.13                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                     | V             |
|                                            | 19545                                                                                                                                   | 42.8                     | -31.2                   | 74                      | 63.69                       | 37.72                   | -3.62                         | 54.99                  | -                          | -                    | P                       | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
| Remark                                     | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 6 6425~6525MHz

## WIFI 802.11ax HE40 Full (Harmonic @ 3m)

| WIFI<br>Ant.<br>9+8                       | 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 99<br>6445MHz |      | 10936                | 48.09               | -25.91                  | 74                          | 56.03                     | 38.66                         | 14.27                  | 60.87                      | -                    | -                       | P                       | H               |
|                                           |      | 10936                | 38.31               | -15.69                  | 54                          | 46.25                     | 38.66                         | 14.27                  | 60.87                      | -                    | -                       | A                       | H               |
|                                           |      | 12890                | 46.27               | -41.93                  | 88.2                        | 53.09                     | 39.49                         | 15.37                  | 61.68                      | -                    | -                       | P                       | H               |
|                                           |      | 14472                | 48.1                | -25.9                   | 74                          | 54.26                     | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                       | H               |
|                                           |      | 14472                | 39.32               | -14.68                  | 54                          | 45.48                     | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                       | H               |
|                                           |      | 17872                | 51.78               | -22.22                  | 74                          | 49.16                     | 41.81                         | 18.34                  | 57.53                      | -                    | -                       | P                       | H               |
|                                           |      | 17872                | 41.99               | -12.01                  | 54                          | 39.37                     | 41.81                         | 18.34                  | 57.53                      | -                    | -                       | A                       | H               |
|                                           |      | 19335                | 41.01               | -32.99                  | 74                          | 61.72                     | 37.96                         | -3.64                  | 55.03                      | -                    | -                       | P                       | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      | 10800                | 47.38               | -26.62                  | 74                          | 55.07                     | 39                            | 14.2                   | 60.89                      | -                    | -                       | P                       | V               |
|                                           |      | 10800                | 37.59               | -16.41                  | 54                          | 45.28                     | 39                            | 14.2                   | 60.89                      | -                    | -                       | A                       | V               |
|                                           |      | 12890                | 45.67               | -42.53                  | 88.2                        | 52.49                     | 39.49                         | 15.37                  | 61.68                      | -                    | -                       | P                       | V               |
|                                           |      | 14488                | 48.06               | -25.94                  | 74                          | 54.24                     | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                       | V               |
|                                           |      | 14488                | 39.27               | -14.73                  | 54                          | 45.45                     | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                       | V               |
|                                           |      | 17952                | 52.8                | -21.2                   | 74                          | 49.08                     | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                       | V               |
|                                           |      | 17952                | 43.01               | -10.99                  | 54                          | 39.29                     | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                       | V               |
|                                           |      | 19335                | 38.04               | -35.96                  | 74                          | 58.75                     | 37.96                         | -3.64                  | 55.03                      | -                    | -                       | P                       | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>9+8                                                    | 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</b><br><b>HE40 Full</b><br><b>CH 107</b><br><b>6485MHz</b> |      | 12592                | 47.5                | -26.5                   | 74                          | 55.73                   | 38.79                         | 15.16                  | 62.18                      | -                    | -                       | P                     | H             |
|                                                                        |      | 12592                | 37.71               | -16.29                  | 54                          | 45.94                   | 38.79                         | 15.16                  | 62.18                      | -                    | -                       | A                     | H             |
|                                                                        |      | 12970                | 45.95               | -42.25                  | 88.2                        | 52.44                   | 39.64                         | 15.42                  | 61.55                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14488                | 47.65               | -26.35                  | 74                          | 53.83                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14488                | 38.86               | -15.14                  | 54                          | 45.04                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                                                        |      | 17992                | 51.44               | -22.56                  | 74                          | 47.25                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                     | H             |
|                                                                        |      | 17992                | 41.65               | -12.35                  | 54                          | 37.46                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                     | H             |
|                                                                        |      | 19455                | 41.13               | -32.87                  | 74                          | 62                      | 37.77                         | -3.63                  | 55.01                      | -                    | -                       | P                     | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      | 12536                | 47.12               | -26.88                  | 74                          | 55.52                   | 38.74                         | 15.13                  | 62.27                      | -                    | -                       | P                     | V             |
|                                                                        |      | 12536                | 37.33               | -16.67                  | 54                          | 45.73                   | 38.74                         | 15.13                  | 62.27                      | -                    | -                       | A                     | V             |
|                                                                        |      | 12970                | 45.15               | -43.05                  | 88.2                        | 51.64                   | 39.64                         | 15.42                  | 61.55                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14472                | 47.53               | -26.47                  | 74                          | 53.69                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14472                | 38.74               | -15.26                  | 54                          | 44.9                    | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                                                        |      | 18000                | 51.65               | -22.35                  | 74                          | 47.36                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | P                     | V             |
|                                                                        |      | 18000                | 41.87               | -12.13                  | 54                          | 37.58                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | A                     | V             |
|                                                                        |      | 19455                | 38.04               | -35.96                  | 74                          | 58.91                   | 37.77                         | -3.63                  | 55.01                      | -                    | -                       | P                     | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |

| WIFI<br>Ant.<br>9+8                        | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 115<br>6525MHz |                                                                                                                                         | 12632                    | 47.52                   | -26.48                  | 74                          | 55.58                   | 38.86                         | 15.19                  | 62.11                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 12632                    | 37.74                   | -16.26                  | 54                          | 45.8                    | 38.86                         | 15.19                  | 62.11                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 13050                    | 45.68                   | -42.52                  | 88.2                        | 52.12                   | 39.65                         | 15.48                  | 61.57                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14480                    | 47.92                   | -26.08                  | 74                          | 54.09                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14480                    | 39.13                   | -14.87                  | 54                          | 45.3                    | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 17952                    | 51.64                   | -22.36                  | 74                          | 47.92                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17952                    | 41.85                   | -12.15                  | 54                          | 38.13                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 19575                    | 42.38                   | -31.62                  | 74                          | 63.26                   | 37.73                         | -3.62                  | 54.99                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 11736                    | 47.62                   | -26.38                  | 74                          | 55.63                   | 38.46                         | 14.65                  | 61.12                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 11736                    | 37.83                   | -16.17                  | 54                          | 45.84                   | 38.46                         | 14.65                  | 61.12                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 13050                    | 46.44                   | -41.76                  | 88.2                        | 52.88                   | 39.65                         | 15.48                  | 61.57                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14472                    | 47.76                   | -26.24                  | 74                          | 53.92                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14472                    | 38.97                   | -15.03                  | 54                          | 45.13                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17960                    | 51.98                   | -22.02                  | 74                          | 48.17                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17960                    | 42.19                   | -11.81                  | 54                          | 38.38                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                                            | 19575                                                                                                                                   | 40.66                    | -33.34                  | 74                      | 61.54                       | 37.73                   | -3.62                         | 54.99                  | -                          | -                    | P                       | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
| Remark                                     | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 6 6425~6525MHz

## WIFI 802.11ax HE80 Full (Harmonic @ 3m)

| WIFI Ant. 9+8                              | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE80 Full<br>CH 103<br>6465MHz |      | 10920             | 48.96            | -25.04            | 74                    | 56.89             | 38.68                   | 14.26            | 60.87                | -              | -                 | P               | H          |
|                                            |      | 10920             | 38.93            | -15.07            | 54                    | 46.86             | 38.68                   | 14.26            | 60.87                | -              | -                 | A               | H          |
|                                            |      | 12930             | 45.76            | -42.44            | 88.2                  | 52.43             | 39.56                   | 15.39            | 61.62                | -              | -                 | P               | H          |
|                                            |      | 14488             | 48.83            | -25.17            | 74                    | 55.01             | 40.51                   | 16.49            | 63.18                | -              | -                 | P               | H          |
|                                            |      | 14488             | 38.95            | -15.05            | 54                    | 45.13             | 40.51                   | 16.49            | 63.18                | -              | -                 | A               | H          |
|                                            |      | 18000             | 52.38            | -21.62            | 74                    | 48.09             | 43.1                    | 18.43            | 57.24                | -              | -                 | P               | H          |
|                                            |      | 18000             | 42.67            | -11.33            | 54                    | 38.38             | 43.1                    | 18.43            | 57.24                | -              | -                 | A               | H          |
|                                            |      | 19395             | 38.26            | -35.74            | 74                    | 59.05             | 37.87                   | -3.64            | 55.02                | -              | -                 | P               | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      | 10816             | 48.14            | -25.86            | 74                    | 55.87             | 38.95                   | 14.21            | 60.89                | -              | -                 | P               | V          |
|                                            |      | 10816             | 38.09            | -15.91            | 54                    | 45.82             | 38.95                   | 14.21            | 60.89                | -              | -                 | A               | V          |
|                                            |      | 12930             | 45.41            | -42.79            | 88.2                  | 52.08             | 39.56                   | 15.39            | 61.62                | -              | -                 | P               | V          |
|                                            |      | 14480             | 50.01            | -23.99            | 74                    | 56.18             | 40.52                   | 16.49            | 63.18                | -              | -                 | P               | V          |
|                                            |      | 14480             | 40               | -14               | 54                    | 46.17             | 40.52                   | 16.49            | 63.18                | -              | -                 | A               | V          |
|                                            |      | 17992             | 52.45            | -21.55            | 74                    | 48.26             | 43.03                   | 18.42            | 57.26                | -              | -                 | P               | V          |
|                                            |      | 17992             | 42.41            | -11.59            | 54                    | 38.22             | 43.03                   | 18.42            | 57.26                | -              | -                 | A               | V          |
|                                            |      | 19395             | 37.61            | -36.39            | 74                    | 58.4              | 37.87                   | -3.64            | 55.02                | -              | -                 | P               | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |

| WIFI<br>Ant.<br>9+8                        | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 119<br>6545MHz |                                                                                                                                         | 10952                    | 49.35                   | -24.65                  | 74                          | 57.29                   | 38.65                         | 14.28                  | 60.87                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 10952                    | 39.36                   | -14.64                  | 54                          | 47.3                    | 38.65                         | 14.28                  | 60.87                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 13090                    | 46.52                   | -41.68                  | 88.2                        | 53.01                   | 39.61                         | 15.52                  | 61.62                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14480                    | 49.33                   | -24.67                  | 74                          | 55.5                    | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14480                    | 39.27                   | -14.73                  | 54                          | 45.44                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 18000                    | 52.78                   | -21.22                  | 74                          | 48.49                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 18000                    | 42.72                   | -11.28                  | 54                          | 38.43                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 19635                    | 38.87                   | -35.13                  | 74                          | 59.04                   | 37.75                         | -2.95                  | 54.97                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            |                                                                                                                                         | 10816                    | 48.57                   | -25.43                  | 74                          | 56.3                    | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 10816                    | 38.51                   | -15.49                  | 54                          | 46.24                   | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 13090                    | 46.03                   | -42.17                  | 88.2                        | 52.52                   | 39.61                         | 15.52                  | 61.62                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14488                    | 50.52                   | -23.48                  | 74                          | 56.7                    | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14488                    | 40.5                    | -13.5                   | 54                          | 46.68                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17992                    | 52.88                   | -21.12                  | 74                          | 48.69                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17992                    | 42.82                   | -11.18                  | 54                          | 38.63                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 19635                    | 38.2                    | -35.8                   | 74                          | 58.37                   | 37.75                         | -2.95                  | 54.97                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
| Remark                                     | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |

## Band 6 6425~6525MHz

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

| WIFI<br>Ant.<br>9+8                         | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 |                                                                                                                                         | 10936                    | 47.86                   | -26.14                  | 74                          | 55.8                    | 38.66                         | 14.27                  | 60.87                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         | 10936                    | 38.07                   | -15.93                  | 54                          | 46.01                   | 38.66                         | 14.27                  | 60.87                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                         | 13010                    | 45.45                   | -42.75                  | 88.2                        | 51.82                   | 39.69                         | 15.45                  | 61.51                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         | 14472                    | 48.05                   | -25.95                  | 74                          | 54.21                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         | 14472                    | 39.26                   | -14.74                  | 54                          | 45.42                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                         | 17952                    | 51.35                   | -22.65                  | 74                          | 47.63                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         | 17952                    | 41.58                   | -12.42                  | 54                          | 37.86                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                         | 19515                    | 37.67                   | -36.33                  | 74                          | 58.59                   | 37.71                         | -3.63                  | 55                         | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         | 10800                    | 47.82                   | -26.18                  | 74                          | 55.51                   | 39                            | 14.2                   | 60.89                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                         | 10800                    | 38.03                   | -15.97                  | 54                          | 45.72                   | 39                            | 14.2                   | 60.89                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                         | 13010                    | 45.93                   | -42.27                  | 88.2                        | 52.3                    | 39.69                         | 15.45                  | 61.51                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                         | 14488                    | 48.27                   | -25.73                  | 74                          | 54.45                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                         | 14488                    | 39.48                   | -14.52                  | 54                          | 45.66                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                         | 17960                    | 52.57                   | -21.43                  | 74                          | 48.76                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                         | 17960                    | 42.78                   | -11.22                  | 54                          | 38.97                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                                             | 19515                                                                                                                                   | 40.33                    | -33.67                  | 74                      | 61.25                       | 37.71                   | -3.63                         | 55                     | -                          | -                    | P                       | V                     |               |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                             |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
| Remark                                      | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                             | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                             | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                             | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 7 - 6525~6875MHz

## WIFI 802.11a (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.  |       |
| 9+8                          |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11a<br>CH 117<br>6535MHz |      | 11760     | 47.48      | -26.52 | 74         | 55.53  | 38.44    | 14.66  | 61.15  | -      | -       | P     | H     |
|                              |      | 11760     | 38.5       | -15.5  | 54         | 46.55  | 38.44    | 14.66  | 61.15  | -      | -       | A     | H     |
|                              |      | 13070     | 48.31      | -39.89 | 88.2       | 54.78  | 39.63    | 15.5   | 61.6   | 100    | 40      | P     | H     |
|                              |      | 14496     | 47.92      | -26.08 | 74         | 54.09  | 40.5     | 16.5   | 63.17  | -      | -       | P     | H     |
|                              |      | 14496     | 40.91      | -13.09 | 54         | 47.08  | 40.5     | 16.5   | 63.17  | -      | -       | A     | H     |
|                              |      | 17880     | 51.7       | -22.3  | 74         | 48.95  | 41.92    | 18.35  | 57.52  | -      | -       | P     | H     |
|                              |      | 17880     | 41.69      | -12.31 | 54         | 38.94  | 41.92    | 18.35  | 57.52  | -      | -       | A     | H     |
|                              |      | 19605     | 41.08      | -32.92 | 74         | 61.93  | 37.74    | -3.61  | 54.98  | -      | -       | P     | H     |
|                              |      |           |            |        |            |        |          |        |        |        |         |       | H     |
|                              |      |           |            |        |            |        |          |        |        |        |         |       | H     |
|                              |      |           |            |        |            |        |          |        |        |        |         |       | H     |
|                              |      |           |            |        |            |        |          |        |        |        |         |       | H     |
|                              |      | 12352     | 47.44      | -26.56 | 74         | 55.73  | 38.75    | 15.01  | 62.05  | -      | -       | P     | V     |
|                              |      | 12352     | 38.44      | -15.56 | 54         | 46.73  | 38.75    | 15.01  | 62.05  | -      | -       | A     | V     |
|                              |      | 13070     | 50.09      | -38.11 | 88.2       | 56.56  | 39.63    | 15.5   | 61.6   | 100    | 212     | P     | V     |
|                              |      | 14480     | 48.12      | -25.88 | 74         | 54.29  | 40.52    | 16.49  | 63.18  | -      | -       | P     | V     |
|                              |      | 14480     | 41.12      | -12.88 | 54         | 47.29  | 40.52    | 16.49  | 63.18  | -      | -       | A     | V     |
|                              |      | 17968     | 51.13      | -22.87 | 74         | 47.22  | 42.81    | 18.41  | 57.31  | -      | -       | P     | V     |
|                              |      | 17968     | 42.13      | -11.87 | 54         | 38.22  | 42.81    | 18.41  | 57.31  | -      | -       | A     | V     |
|                              |      | 19605     | 46.43      | -27.57 | 74         | 67.28  | 37.74    | -3.61  | 54.98  | 150    | 182     | P     | V     |
|                              |      |           |            |        |            |        |          |        |        |        |         |       | V     |
|                              |      |           |            |        |            |        |          |        |        |        |         |       | V     |
|                              |      |           |            |        |            |        |          |        |        |        |         |       | V     |
|                              |      |           |            |        |            |        |          |        |        |        |         |       | V     |





| WIFI<br>Ant.<br>9+8                   | 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 149<br/>6695MHz</b> |      | 11888                | 47.77               | -26.23                  | 74                          | 55.76                   | 38.58                         | 14.71                  | 61.28                      | -                    | -                       | P                     | H             |
|                                       |      | 11888                | 38.76               | -15.24                  | 54                          | 46.75                   | 38.58                         | 14.71                  | 61.28                      | -                    | -                       | A                     | H             |
|                                       |      | 13390                | 51.51               | -22.49                  | 74                          | 57.64                   | 40.15                         | 15.76                  | 62.04                      | 100                  | 141                     | P                     | H             |
|                                       |      | 13390                | 38.19               | -15.81                  | 54                          | 44.32                   | 40.15                         | 15.76                  | 62.04                      | 100                  | 141                     | A                     | H             |
|                                       |      | 14496                | 48.63               | -25.37                  | 74                          | 54.8                    | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | H             |
|                                       |      | 14496                | 41.62               | -12.38                  | 54                          | 47.79                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | H             |
|                                       |      | 17976                | 51.08               | -22.92                  | 74                          | 47.09                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | P                     | H             |
|                                       |      | 17976                | 42.38               | -11.62                  | 54                          | 38.39                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | A                     | H             |
|                                       |      | 20085                | 40.72               | -33.28                  | 74                          | 61.54                   | 37.6                          | -3.52                  | 54.9                       | -                    | -                       | P                     | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      | 10912                | 48.63               | -25.37                  | 74                          | 56.55                   | 38.69                         | 14.26                  | 60.87                      | -                    | -                       | P                     | V             |
|                                       |      | 10912                | 38.63               | -15.37                  | 54                          | 46.55                   | 38.69                         | 14.26                  | 60.87                      | -                    | -                       | A                     | V             |
|                                       |      | 13390                | 49.1                | -24.9                   | 74                          | 55.23                   | 40.15                         | 15.76                  | 62.04                      | 100                  | 230                     | P                     | V             |
|                                       |      | 13390                | 38.09               | -15.91                  | 54                          | 44.22                   | 40.15                         | 15.76                  | 62.04                      | 100                  | 230                     | A                     | V             |
|                                       |      | 14488                | 47.95               | -26.05                  | 74                          | 54.13                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                       |      | 14488                | 40.95               | -13.05                  | 54                          | 47.13                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                       |      | 17960                | 51.72               | -22.28                  | 74                          | 47.91                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                                       |      | 17960                | 42.71               | -11.29                  | 54                          | 38.9                    | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                                       |      | 20085                | 46.09               | -27.91                  | 74                          | 66.91                   | 37.6                          | -3.52                  | 54.9                       | 150                  | 185                     | P                     | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                   | 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 181<br/>6855MHz</b> |      | 12504                | 47.85               | -26.15                  | 74                          | 56.36                   | 38.7                          | 15.11                  | 62.32                      | -                    | -                       | P                     | H             |
|                                       |      | 12504                | 37.85               | -16.15                  | 54                          | 46.36                   | 38.7                          | 15.11                  | 62.32                      | -                    | -                       | A                     | H             |
|                                       |      | 13710                | 45.8                | -42.4                   | 88.2                        | 52.17                   | 40.3                          | 16.03                  | 62.7                       | -                    | -                       | P                     | H             |
|                                       |      | 14488                | 48.44               | -25.56                  | 74                          | 54.62                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                       |      | 14488                | 41.44               | -12.56                  | 54                          | 47.62                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                       |      | 17976                | 51.78               | -22.22                  | 74                          | 47.79                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | P                     | H             |
|                                       |      | 17976                | 42.61               | -11.39                  | 54                          | 38.62                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | A                     | H             |
|                                       |      | 20565                | 40.4                | -33.6                   | 74                          | 60.8                    | 37.95                         | -3.48                  | 54.87                      | -                    | -                       | P                     | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |      | 10952                | 47.42               | -26.58                  | 74                          | 55.36                   | 38.65                         | 14.28                  | 60.87                      | -                    | -                       | P                     | V             |
|                                       |      | 10952                | 38.81               | -15.19                  | 54                          | 46.75                   | 38.65                         | 14.28                  | 60.87                      | -                    | -                       | A                     | V             |
|                                       |      | 13710                | 46.72               | -41.48                  | 88.2                        | 53.09                   | 40.3                          | 16.03                  | 62.7                       | -                    | -                       | P                     | V             |
|                                       |      | 14488                | 48.15               | -25.85                  | 74                          | 54.33                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                       |      | 14488                | 41.11               | -12.89                  | 54                          | 47.29                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                       |      | 17896                | 51.43               | -22.57                  | 74                          | 48.41                   | 42.14                         | 18.36                  | 57.48                      | -                    | -                       | P                     | V             |
|                                       |      | 17896                | 41.5                | -12.5                   | 54                          | 38.48                   | 42.14                         | 18.36                  | 57.48                      | -                    | -                       | A                     | V             |
|                                       |      | 20565                | 47.21               | -26.79                  | 74                          | 67.61                   | 37.95                         | -3.48                  | 54.87                      | 150                  | 183                     | P                     | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                   | 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 185<br/>6875MHz</b> |                                                                                                                                         | 12480                | 47.98               | -26.02                  | 74                          | 56.48                   | 38.7                          | 15.09                  | 62.29                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 12480                | 38.04               | -15.96                  | 54                          | 46.54                   | 38.7                          | 15.09                  | 62.29                      | -                    | -                       | A                     | H             |
|                                       |                                                                                                                                         | 13750                | 47.34               | -40.86                  | 88.2                        | 53.76                   | 40.3                          | 16.07                  | 62.79                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 14480                | 48.17               | -25.83                  | 74                          | 54.34                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 14480                | 41.38               | -12.62                  | 54                          | 47.55                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                       |                                                                                                                                         | 17992                | 51.92               | -22.08                  | 74                          | 47.73                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         | 17992                | 42.66               | -11.34                  | 54                          | 38.47                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                     | H             |
|                                       |                                                                                                                                         | 20625                | 41.52               | -32.48                  | 74                          | 61.93                   | 37.9                          | -3.46                  | 54.85                      | -                    | -                       | P                     | H             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                                                                         | 12568                | 47.93               | -26.07                  | 74                          | 56.23                   | 38.77                         | 15.15                  | 62.22                      | -                    | -                       | P                     | V             |
|                                       |                                                                                                                                         | 12568                | 37.96               | -16.04                  | 54                          | 46.26                   | 38.77                         | 15.15                  | 62.22                      | -                    | -                       | A                     | V             |
|                                       |                                                                                                                                         | 13750                | 47.89               | -40.31                  | 88.2                        | 54.31                   | 40.3                          | 16.07                  | 62.79                      | -                    | -                       | P                     | V             |
|                                       |                                                                                                                                         | 14496                | 48.23               | -25.77                  | 74                          | 54.4                    | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                       |                                                                                                                                         | 14496                | 41.21               | -12.79                  | 54                          | 47.38                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                       |                                                                                                                                         | 17960                | 51.33               | -22.67                  | 74                          | 47.52                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                                       |                                                                                                                                         | 17960                | 42.33               | -11.67                  | 54                          | 38.52                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                                       |                                                                                                                                         | 20625                | 48.95               | -25.05                  | 74                          | 69.36                   | 37.9                          | -3.46                  | 54.85                      | 150                  | 184                     | P                     | V             |
|                                       |                                                                                                                                         | 20625                | 39.65               | -14.35                  | 54                          | 60.06                   | 37.9                          | -3.46                  | 54.85                      | 150                  | 184                     | A                     | V             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                       |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                         | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                       | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                       | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                       | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 7 - 6525~6875MHz

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

| WIFI Ant. 9+8                              | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE20 Full<br>CH 117<br>6535MHz |      | 10928             | 50.04            | -23.96            | 74                    | 56.18             | 40.46                   | 14.27            | 60.87                | -              | -                 | P               | H          |
|                                            |      | 10928             | 40.66            | -13.34            | 54                    | 46.8              | 40.46                   | 14.27            | 60.87                | -              | -                 | A               | H          |
|                                            |      | 13070             | 45.95            | -42.25            | 88.2                  | 52.92             | 39.13                   | 15.5             | 61.6                 | -              | -                 | P               | H          |
|                                            |      | 14480             | 50.51            | -23.49            | 74                    | 55.86             | 41.34                   | 16.49            | 63.18                | -              | -                 | P               | H          |
|                                            |      | 14480             | 40.33            | -13.67            | 54                    | 45.68             | 41.34                   | 16.49            | 63.18                | -              | -                 | A               | H          |
|                                            |      | 17952             | 58.22            | -15.78            | 74                    | 49.73             | 47.44                   | 18.4             | 57.35                | -              | -                 | P               | H          |
|                                            |      | 17952             | 47.86            | -6.14             | 54                    | 39.37             | 47.44                   | 18.4             | 57.35                | -              | -                 | A               | H          |
|                                            |      | 19605             | 42.32            | -31.68            | 74                    | 63.17             | 37.74                   | -3.61            | 54.98                | 150            | 131               | P               | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      | 10952             | 51.04            | -22.96            | 74                    | 57.13             | 40.5                    | 14.28            | 60.87                | -              | -                 | P               | V          |
|                                            |      | 10952             | 41.13            | -12.87            | 54                    | 47.22             | 40.5                    | 14.28            | 60.87                | -              | -                 | A               | V          |
|                                            |      | 13070             | 45.32            | -42.88            | 88.2                  | 52.29             | 39.13                   | 15.5             | 61.6                 | -              | -                 | P               | V          |
|                                            |      | 14480             | 50.53            | -23.47            | 74                    | 55.88             | 41.34                   | 16.49            | 63.18                | -              | -                 | P               | V          |
|                                            |      | 14480             | 39.93            | -14.07            | 54                    | 45.28             | 41.34                   | 16.49            | 63.18                | -              | -                 | A               | V          |
|                                            |      | 17968             | 58.13            | -15.87            | 74                    | 49.27             | 47.76                   | 18.41            | 57.31                | -              | -                 | P               | V          |
|                                            |      | 17968             | 48.58            | -5.42             | 54                    | 39.72             | 47.76                   | 18.41            | 57.31                | -              | -                 | A               | V          |
|                                            |      | 19605             | 46.43            | -27.57            | 74                    | 67.28             | 37.74                   | -3.61            | 54.98                | 150            | 175               | P               | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |



| WIFI<br>Ant.<br>9+8                                                    | 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</b><br><b>HE20 Full</b><br><b>CH 149</b><br><b>6695MHz</b> |      | 10920                | 48.23               | -25.77                  | 74                          | 56.16                   | 38.68                         | 14.26                  | 60.87                      | -                    | -                       | P                     | H             |
|                                                                        |      | 10920                | 38.68               | -15.32                  | 54                          | 46.61                   | 38.68                         | 14.26                  | 60.87                      | -                    | -                       | A                     | H             |
|                                                                        |      | 13390                | 47.26               | -26.74                  | 74                          | 53.39                   | 40.15                         | 15.76                  | 62.04                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14496                | 49.18               | -24.82                  | 74                          | 55.35                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14496                | 39.26               | -14.74                  | 54                          | 45.43                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | H             |
|                                                                        |      | 17952                | 52.35               | -21.65                  | 74                          | 48.63                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | H             |
|                                                                        |      | 17952                | 42.08               | -11.92                  | 54                          | 38.36                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | H             |
|                                                                        |      | 20085                | 41.84               | -32.16                  | 74                          | 62.66                   | 37.6                          | -3.52                  | 54.9                       | 150                  | 143                     | P                     | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      | 10880                | 47.98               | -26.02                  | 74                          | 55.86                   | 38.76                         | 14.24                  | 60.88                      | -                    | -                       | P                     | V             |
|                                                                        |      | 10880                | 37.71               | -16.29                  | 54                          | 45.59                   | 38.76                         | 14.24                  | 60.88                      | -                    | -                       | A                     | V             |
|                                                                        |      | 13390                | 46.65               | -27.35                  | 74                          | 52.78                   | 40.15                         | 15.76                  | 62.04                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14472                | 49.36               | -24.64                  | 74                          | 55.52                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14472                | 39.18               | -14.82                  | 54                          | 45.34                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                                                        |      | 17984                | 52.23               | -21.77                  | 74                          | 48.13                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | P                     | V             |
|                                                                        |      | 17984                | 42.41               | -11.59                  | 54                          | 38.31                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | A                     | V             |
|                                                                        |      | 20085                | 49.11               | -24.89                  | 74                          | 69.93                   | 37.6                          | -3.52                  | 54.9                       | 150                  | 178                     | P                     | V             |
|                                                                        |      | 20085                | 39.1                | -14.9                   | 54                          | 59.92                   | 37.6                          | -3.52                  | 54.9                       | 150                  | 178                     | A                     | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                        | 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 181<br>6855MHz |      | 10992                | 49.99               | -24.01                  | 74                          | 55.97                   | 40.58                         | 14.3                   | 60.86                      | -                    | -                       | P                     | H             |
|                                            |      | 10992                | 39.81               | -14.19                  | 54                          | 45.79                   | 40.58                         | 14.3                   | 60.86                      | -                    | -                       | A                     | H             |
|                                            |      | 13710                | 47.24               | -40.96                  | 88.2                        | 53.69                   | 40.22                         | 16.03                  | 62.7                       | -                    | -                       | P                     | H             |
|                                            |      | 14488                | 50.16               | -23.84                  | 74                          | 55.49                   | 41.36                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |      | 14488                | 40.52               | -13.48                  | 54                          | 45.85                   | 41.36                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |      | 17952                | 57.57               | -16.43                  | 74                          | 49.08                   | 47.44                         | 18.4                   | 57.35                      | -                    | -                       | P                     | H             |
|                                            |      | 17952                | 48.29               | -5.71                   | 54                          | 39.8                    | 47.44                         | 18.4                   | 57.35                      | -                    | -                       | A                     | H             |
|                                            |      | 20565                | 41.18               | -32.82                  | 74                          | 61.58                   | 37.95                         | -3.48                  | 54.87                      | -                    | -                       | P                     | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      | 10880                | 49.82               | -24.18                  | 74                          | 56.1                    | 40.36                         | 14.24                  | 60.88                      | -                    | -                       | P                     | V             |
|                                            |      | 10880                | 40.63               | -13.37                  | 54                          | 46.91                   | 40.36                         | 14.24                  | 60.88                      | -                    | -                       | A                     | V             |
|                                            |      | 13710                | 46.89               | -41.31                  | 88.2                        | 53.34                   | 40.22                         | 16.03                  | 62.7                       | -                    | -                       | P                     | V             |
|                                            |      | 14488                | 50.43               | -23.57                  | 74                          | 55.76                   | 41.36                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                            |      | 14488                | 40.25               | -13.75                  | 54                          | 45.58                   | 41.36                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                            |      | 17992                | 58.33               | -15.67                  | 74                          | 48.93                   | 48.24                         | 18.42                  | 57.26                      | -                    | -                       | P                     | V             |
|                                            |      | 17992                | 48.7                | -5.3                    | 54                          | 39.3                    | 48.24                         | 18.42                  | 57.26                      | -                    | -                       | A                     | V             |
|                                            |      | 20565                | 47.8                | -26.2                   | 74                          | 68.2                    | 37.95                         | -3.48                  | 54.87                      | 150                  | 187                     | P                     | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                        | 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 185<br>6875MHz |                                                                                                                                         | 10800                | 48.67               | -25.33                  | 74                          | 56.36                   | 39                            | 14.2                   | 60.89                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 10800                | 38.94               | -15.06                  | 54                          | 46.63                   | 39                            | 14.2                   | 60.89                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 13750                | 45.39               | -42.81                  | 88.2                        | 51.81                   | 40.3                          | 16.07                  | 62.79                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14480                | 48.58               | -25.42                  | 74                          | 54.75                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14480                | 38.4                | -15.6                   | 54                          | 44.57                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 17976                | 52.44               | -21.56                  | 74                          | 48.45                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17976                | 42.35               | -11.65                  | 54                          | 38.36                   | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 20625                | 42.83               | -31.17                  | 74                          | 63.24                   | 37.9                          | -3.46                  | 54.85                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 10872                | 48.17               | -25.83                  | 74                          | 56.03                   | 38.78                         | 14.24                  | 60.88                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 10872                | 38.35               | -15.65                  | 54                          | 46.21                   | 38.78                         | 14.24                  | 60.88                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 13750                | 46.27               | -41.93                  | 88.2                        | 52.69                   | 40.3                          | 16.07                  | 62.79                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14496                | 49.14               | -24.86                  | 74                          | 55.31                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14496                | 38.86               | -15.14                  | 54                          | 45.03                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17992                | 52.62               | -21.38                  | 74                          | 48.43                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17992                | 42.53               | -11.47                  | 54                          | 38.34                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 20625                | 50.85               | -23.15                  | 74                          | 71.26                   | 37.9                          | -3.46                  | 54.85                      | 150                  | 185                     | P                     | V             |
|                                            |                                                                                                                                         | 20625                | 38.74               | -15.26                  | 54                          | 59.15                   | 37.9                          | -3.46                  | 54.85                      | 150                  | 185                     | A                     | V             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                              | 1. No other spurious found.                                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 7 - 6525~6875MHz

## WIFI 802.11ax HE40 Full (Harmonic @ 3m)

| WIFI Ant. 9+8                              | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE40 Full<br>CH 123<br>6565MHz |      | 10936             | 48.75            | -25.25            | 74                    | 56.69             | 38.66                   | 14.27            | 60.87                | -              | -                 | P               | H          |
|                                            |      | 10936             | 38.69            | -15.31            | 54                    | 46.63             | 38.66                   | 14.27            | 60.87                | -              | -                 | A               | H          |
|                                            |      | 13130             | 52.85            | -35.35            | 88.2                  | 59.39             | 39.6                    | 15.54            | 61.68                | 100            | 181               | P               | H          |
|                                            |      | 14496             | 49.99            | -24.01            | 74                    | 56.16             | 40.5                    | 16.5             | 63.17                | -              | -                 | P               | H          |
|                                            |      | 14496             | 39.95            | -14.05            | 54                    | 46.12             | 40.5                    | 16.5             | 63.17                | -              | -                 | A               | H          |
|                                            |      | 17952             | 52.98            | -21.02            | 74                    | 49.26             | 42.67                   | 18.4             | 57.35                | -              | -                 | P               | H          |
|                                            |      | 17952             | 42.97            | -11.03            | 54                    | 39.25             | 42.67                   | 18.4             | 57.35                | -              | -                 | A               | H          |
|                                            |      | 19695             | 43.3             | -30.7             | 74                    | 64.07             | 37.78                   | -3.59            | 54.96                | -              | -                 | P               | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      | 10880             | 49.26            | -24.74            | 74                    | 57.14             | 38.76                   | 14.24            | 60.88                | -              | -                 | P               | V          |
|                                            |      | 10880             | 39.25            | -14.75            | 54                    | 47.13             | 38.76                   | 14.24            | 60.88                | -              | -                 | A               | V          |
|                                            |      | 13130             | 53.63            | -34.57            | 88.2                  | 60.17             | 39.6                    | 15.54            | 61.68                | 100            | 290               | P               | V          |
|                                            |      | 14488             | 49.58            | -24.42            | 74                    | 55.76             | 40.51                   | 16.49            | 63.18                | -              | -                 | P               | V          |
|                                            |      | 14488             | 39.53            | -14.47            | 54                    | 45.71             | 40.51                   | 16.49            | 63.18                | -              | -                 | A               | V          |
|                                            |      | 17952             | 54.6             | -19.4             | 74                    | 50.88             | 42.67                   | 18.4             | 57.35                | -              | -                 | P               | V          |
|                                            |      | 17952             | 44.64            | -9.36             | 54                    | 40.92             | 42.67                   | 18.4             | 57.35                | -              | -                 | A               | V          |
|                                            |      | 19695             | 41.16            | -32.84            | 74                    | 61.93             | 37.78                   | -3.59            | 54.96                | -              | -                 | P               | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |





| WIFI<br>Ant.<br>9+8                                                    | 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</b><br><b>HE40 Full</b><br><b>CH 147</b><br><b>6685MHz</b> |      | 10920                | 48.99               | -25.01                  | 74                          | 56.92                   | 38.68                         | 14.26                  | 60.87                      | -                    | -                       | P                     | H             |
|                                                                        |      | 10920                | 38.98               | -15.02                  | 54                          | 46.91                   | 38.68                         | 14.26                  | 60.87                      | -                    | -                       | A                     | H             |
|                                                                        |      | 13370                | 47.23               | -26.77                  | 74                          | 53.44                   | 40.05                         | 15.75                  | 62.01                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14472                | 49.76               | -24.24                  | 74                          | 55.92                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14472                | 39.79               | -14.21                  | 54                          | 45.95                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                                                        |      | 18000                | 53.12               | -20.88                  | 74                          | 48.83                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | P                     | H             |
|                                                                        |      | 18000                | 43                  | -11                     | 54                          | 38.71                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | A                     | H             |
|                                                                        |      | 20055                | 44.16               | -29.84                  | 74                          | 65.02                   | 37.57                         | -3.53                  | 54.9                       | -                    | -                       | P                     | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      | 10856                | 48.33               | -25.67                  | 74                          | 56.15                   | 38.83                         | 14.23                  | 60.88                      | -                    | -                       | P                     | V             |
|                                                                        |      | 10856                | 38.32               | -15.68                  | 54                          | 46.14                   | 38.83                         | 14.23                  | 60.88                      | -                    | -                       | A                     | V             |
|                                                                        |      | 13370                | 48.15               | -25.85                  | 74                          | 54.36                   | 40.05                         | 15.75                  | 62.01                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14480                | 49.41               | -24.59                  | 74                          | 55.58                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14480                | 39.35               | -14.65                  | 54                          | 45.52                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                                                        |      | 17992                | 52.1                | -21.9                   | 74                          | 47.91                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                     | V             |
|                                                                        |      | 17992                | 42.15               | -11.85                  | 54                          | 37.96                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                     | V             |
|                                                                        |      | 20055                | 40.87               | -33.13                  | 74                          | 61.73                   | 37.57                         | -3.53                  | 54.9                       | -                    | -                       | P                     | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |

| WIFI<br>Ant.<br>9+8                        | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 179<br>6845MHz |                                                                                                                                         | 10896                    | 48.07                   | -25.93                  | 74                          | 55.98                   | 38.71                         | 14.25                  | 60.87                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 10896                    | 38.05                   | -15.95                  | 54                          | 45.96                   | 38.71                         | 14.25                  | 60.87                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 13690                    | 46.7                    | -41.5                   | 88.2                        | 53.01                   | 40.32                         | 16.02                  | 62.65                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14496                    | 50.06                   | -23.94                  | 74                          | 56.23                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14496                    | 40.05                   | -13.95                  | 54                          | 46.22                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 17992                    | 52.38                   | -21.62                  | 74                          | 48.19                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17992                    | 42.31                   | -11.69                  | 54                          | 38.12                   | 43.03                         | 18.42                  | 57.26                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 20535                    | 44.94                   | -29.06                  | 74                          | 65.35                   | 37.97                         | -3.49                  | 54.89                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 10776                    | 48.84                   | -25.16                  | 74                          | 56.59                   | 38.95                         | 14.19                  | 60.89                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 10776                    | 38.77                   | -15.23                  | 54                          | 46.52                   | 38.95                         | 14.19                  | 60.89                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 13690                    | 47.09                   | -41.11                  | 88.2                        | 53.4                    | 40.32                         | 16.02                  | 62.65                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14488                    | 49.11                   | -24.89                  | 74                          | 55.29                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14488                    | 39.09                   | -14.91                  | 54                          | 45.27                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17960                    | 52.37                   | -21.63                  | 74                          | 48.56                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17960                    | 42.32                   | -11.68                  | 54                          | 38.51                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 20535                    | 39.18                   | -34.82                  | 74                          | 59.59                   | 37.97                         | -3.49                  | 54.89                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
| Remark                                     | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |

| WIFI<br>Ant.<br>9+8                        | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 187<br>6885MHz |                                                                                                                                         | 11000                    | 48.32                   | -25.68                  | 74                          | 56.27                   | 38.6                          | 14.31                  | 60.86                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 11000                    | 38.25                   | -15.75                  | 54                          | 46.2                    | 38.6                          | 14.31                  | 60.86                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 13770                    | 46.73                   | -41.47                  | 88.2                        | 53.18                   | 40.3                          | 16.09                  | 62.84                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14480                    | 48.76                   | -25.24                  | 74                          | 54.93                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14480                    | 38.75                   | -15.25                  | 54                          | 44.92                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 17952                    | 52.28                   | -21.72                  | 74                          | 48.56                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17952                    | 42.27                   | -11.73                  | 54                          | 38.55                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 20655                    | 47.12                   | -26.88                  | 74                          | 67.53                   | 37.88                         | -3.45                  | 54.84                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 10832                    | 47.92                   | -26.08                  | 74                          | 55.68                   | 38.9                          | 14.22                  | 60.88                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 10832                    | 37.85                   | -16.15                  | 54                          | 45.61                   | 38.9                          | 14.22                  | 60.88                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 13770                    | 47.68                   | -40.52                  | 88.2                        | 54.13                   | 40.3                          | 16.09                  | 62.84                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14472                    | 48.96                   | -25.04                  | 74                          | 55.12                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14472                    | 38.94                   | -15.06                  | 54                          | 45.1                    | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17952                    | 52.01                   | -21.99                  | 74                          | 48.29                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17952                    | 41.98                   | -12.02                  | 54                          | 38.26                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 20655                    | 39.61                   | -34.39                  | 74                          | 60.02                   | 37.88                         | -3.45                  | 54.84                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
| Remark                                     | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 7 - 6525~6875MHz

## WIFI 802.11ax HE80 Full (Harmonic @ 3m)

| WIFI Ant. 9+8                              | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE80 Full<br>CH 135<br>6625MHz |      | 10856             | 48.31            | -25.69            | 74                    | 56.13             | 38.83                   | 14.23            | 60.88                | -              | -                 | P               | H          |
|                                            |      | 10856             | 38.3             | -15.7             | 54                    | 46.12             | 38.83                   | 14.23            | 60.88                | -              | -                 | A               | H          |
|                                            |      | 13250             | 46.52            | -27.48            | 74                    | 53.07             | 39.65                   | 15.65            | 61.85                | -              | -                 | P               | H          |
|                                            |      | 14496             | 49.31            | -24.69            | 74                    | 55.48             | 40.5                    | 16.5             | 63.17                | -              | -                 | P               | H          |
|                                            |      | 14496             | 39.29            | -14.71            | 54                    | 45.46             | 40.5                    | 16.5             | 63.17                | -              | -                 | A               | H          |
|                                            |      | 18000             | 52.98            | -21.02            | 74                    | 48.69             | 43.1                    | 18.43            | 57.24                | -              | -                 | P               | H          |
|                                            |      | 18000             | 42.97            | -11.03            | 54                    | 38.68             | 43.1                    | 18.43            | 57.24                | -              | -                 | A               | H          |
|                                            |      | 19875             | 41.53            | -32.47            | 74                    | 62.36             | 37.65                   | -3.55            | 54.93                | -              | -                 | P               | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      | 10880             | 47.81            | -26.19            | 74                    | 55.69             | 38.76                   | 14.24            | 60.88                | -              | -                 | P               | V          |
|                                            |      | 10880             | 37.8             | -16.2             | 54                    | 45.68             | 38.76                   | 14.24            | 60.88                | -              | -                 | A               | V          |
|                                            |      | 13250             | 47.38            | -26.62            | 74                    | 53.93             | 39.65                   | 15.65            | 61.85                | -              | -                 | P               | V          |
|                                            |      | 14496             | 49.41            | -24.59            | 74                    | 55.58             | 40.5                    | 16.5             | 63.17                | -              | -                 | P               | V          |
|                                            |      | 14496             | 39.39            | -14.61            | 54                    | 45.56             | 40.5                    | 16.5             | 63.17                | -              | -                 | A               | V          |
|                                            |      | 17960             | 52.64            | -21.36            | 74                    | 48.83             | 42.74                   | 18.4             | 57.33                | -              | -                 | P               | V          |
|                                            |      | 17960             | 42.63            | -11.37            | 54                    | 38.82             | 42.74                   | 18.4             | 57.33                | -              | -                 | A               | V          |
|                                            |      | 19875             | 39.59            | -34.41            | 74                    | 60.42             | 37.65                   | -3.55            | 54.93                | -              | -                 | P               | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |



| WIFI<br>Ant.<br>9+8                                                    | 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</b><br><b>HE80 Full</b><br><b>CH 151</b><br><b>6705MHz</b> |      | 10928                | 47.85               | -26.15                  | 74                          | 55.78                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | P                     | H             |
|                                                                        |      | 10928                | 37.81               | -16.19                  | 54                          | 45.74                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | A                     | H             |
|                                                                        |      | 13410                | 48.2                | -40                     | 88.2                        | 54.28                   | 40.2                          | 15.79                  | 62.07                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14496                | 49.59               | -24.41                  | 74                          | 55.76                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14496                | 39.54               | -14.46                  | 54                          | 45.71                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | H             |
|                                                                        |      | 18000                | 53.45               | -20.55                  | 74                          | 49.16                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | P                     | H             |
|                                                                        |      | 18000                | 43.43               | -10.57                  | 54                          | 39.14                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | A                     | H             |
|                                                                        |      | 20115                | 41.14               | -32.86                  | 74                          | 61.92                   | 37.64                         | -3.52                  | 54.9                       | -                    | -                       | P                     | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      | 10808                | 48.97               | -25.03                  | 74                          | 56.67                   | 38.98                         | 14.21                  | 60.89                      | -                    | -                       | P                     | V             |
|                                                                        |      | 10808                | 38.92               | -15.08                  | 54                          | 46.62                   | 38.98                         | 14.21                  | 60.89                      | -                    | -                       | A                     | V             |
|                                                                        |      | 13410                | 47.53               | -40.67                  | 88.2                        | 53.61                   | 40.2                          | 15.79                  | 62.07                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14496                | 49.55               | -24.45                  | 74                          | 55.72                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14496                | 39.54               | -14.46                  | 54                          | 45.71                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                                                        |      | 17952                | 52.98               | -21.02                  | 74                          | 49.26                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | V             |
|                                                                        |      | 17952                | 43                  | -11                     | 54                          | 39.28                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | V             |
|                                                                        |      | 20115                | 39.29               | -34.71                  | 74                          | 60.07                   | 37.64                         | -3.52                  | 54.9                       | -                    | -                       | P                     | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |



| WIFI<br>Ant.<br>9+8                        | 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 167<br>6785MHz |      | 10944                | 48.54               | -25.46                  | 74                          | 56.47                   | 38.66                         | 14.28                  | 60.87                      | -                    | -                       | P                     | H             |
|                                            |      | 10944                | 38.48               | -15.52                  | 54                          | 46.41                   | 38.66                         | 14.28                  | 60.87                      | -                    | -                       | A                     | H             |
|                                            |      | 13570                | 46.55               | -41.65                  | 88.2                        | 52.58                   | 40.41                         | 15.92                  | 62.36                      | -                    | -                       | P                     | H             |
|                                            |      | 14480                | 49.01               | -24.99                  | 74                          | 55.18                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |      | 14480                | 38.99               | -15.01                  | 54                          | 45.16                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |      | 17984                | 52.86               | -21.14                  | 74                          | 48.76                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | P                     | H             |
|                                            |      | 17984                | 42.85               | -11.15                  | 54                          | 38.75                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | A                     | H             |
|                                            |      | 20352                | 38.9                | -35.1                   | 74                          | 59.43                   | 37.88                         | -3.51                  | 54.9                       | -                    | -                       | P                     | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |      | 10920                | 48.05               | -25.95                  | 74                          | 55.98                   | 38.68                         | 14.26                  | 60.87                      | -                    | -                       | P                     | V             |
|                                            |      | 10920                | 37.99               | -16.01                  | 54                          | 45.92                   | 38.68                         | 14.26                  | 60.87                      | -                    | -                       | A                     | V             |
|                                            |      | 13570                | 46.07               | -42.13                  | 88.2                        | 52.1                    | 40.41                         | 15.92                  | 62.36                      | -                    | -                       | P                     | V             |
|                                            |      | 14496                | 49.31               | -24.69                  | 74                          | 55.48                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                            |      | 14496                | 39.29               | -14.71                  | 54                          | 45.46                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                            |      | 17952                | 52.4                | -21.6                   | 74                          | 48.68                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | V             |
|                                            |      | 17952                | 42.38               | -11.62                  | 54                          | 38.66                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | V             |
|                                            |      | 20355                | 45.33               | -28.67                  | 74                          | 65.86                   | 37.88                         | -3.51                  | 54.9                       | 150                  | 234                     | P                     | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |

| WIFI<br>Ant.<br>9+8                                                                                                                     | Note   | Frequency<br><br>( MHz )    | Level<br><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 183<br>6865MHz                                                                                              |        | 10800                       | 48.17                   | -25.83                  | 74                          | 55.86                   | 39                            | 14.2                   | 60.89                      | -                    | -                       | P                     | H             |
|                                                                                                                                         |        | 10800                       | 38.15                   | -15.85                  | 54                          | 45.84                   | 39                            | 14.2                   | 60.89                      | -                    | -                       | A                     | H             |
|                                                                                                                                         |        | 13730                       | 46.62                   | -41.58                  | 88.2                        | 53.02                   | 40.3                          | 16.05                  | 62.75                      | -                    | -                       | P                     | H             |
|                                                                                                                                         |        | 14480                       | 49.7                    | -24.3                   | 74                          | 55.87                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                                                                                                                         |        | 14480                       | 39.65                   | -14.35                  | 54                          | 45.82                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                                                                                                                         |        | 17896                       | 52.49                   | -21.51                  | 74                          | 49.47                   | 42.14                         | 18.36                  | 57.48                      | -                    | -                       | P                     | H             |
|                                                                                                                                         |        | 17896                       | 42.45                   | -11.55                  | 54                          | 39.43                   | 42.14                         | 18.36                  | 57.48                      | -                    | -                       | A                     | H             |
|                                                                                                                                         |        | 20595                       | 39.96                   | -34.04                  | 74                          | 60.37                   | 37.92                         | -3.47                  | 54.86                      | -                    | -                       | P                     | H             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                                                                                         |        | 10904                       | 48.96                   | -25.04                  | 74                          | 56.87                   | 38.7                          | 14.26                  | 60.87                      | -                    | -                       | P                     | V             |
|                                                                                                                                         |        | 10904                       | 38.89                   | -15.11                  | 54                          | 46.8                    | 38.7                          | 14.26                  | 60.87                      | -                    | -                       | A                     | V             |
|                                                                                                                                         |        | 13730                       | 46.36                   | -41.84                  | 88.2                        | 52.76                   | 40.3                          | 16.05                  | 62.75                      | -                    | -                       | P                     | V             |
|                                                                                                                                         |        | 14480                       | 50.19                   | -23.81                  | 74                          | 56.36                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                                                                                                                         |        | 14480                       | 40.15                   | -13.85                  | 54                          | 46.32                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                                                                                                                         |        | 17984                       | 52.76                   | -21.24                  | 74                          | 48.66                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | P                     | V             |
|                                                                                                                                         |        | 17984                       | 42.71                   | -11.29                  | 54                          | 38.61                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | A                     | V             |
|                                                                                                                                         |        | 20595                       | 45.64                   | -28.36                  | 74                          | 66.05                   | 37.92                         | -3.47                  | 54.86                      | 150                  | 241                     | P                     | V             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                                                                                         |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                                                                                         | Remark | 1. No other spurious found. |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
| 2. All results are PASS against Peak and Average limit line.                                                                            |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
| 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
| 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |        |                             |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 7 - 6525~6875MHz

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

| WIFI Ant. 9+8                               | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---------------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE160 Full<br>CH 143<br>6665MHz |      | 12328             | 47.78            | -26.22            | 74                    | 56.03             | 38.77                   | 14.99            | 62.01                | -              | -                 | P               | H          |
|                                             |      | 12328             | 38.19            | -15.81            | 54                    | 46.44             | 38.77                   | 14.99            | 62.01                | -              | -                 | A               | H          |
|                                             |      | 13328             | 46.5             | -27.5             | 74                    | 52.9              | 39.84                   | 15.71            | 61.95                | -              | -                 | P               | H          |
|                                             |      | 14488             | 48.41            | -25.59            | 74                    | 54.59             | 40.51                   | 16.49            | 63.18                | -              | -                 | P               | H          |
|                                             |      | 14488             | 39.62            | -14.38            | 54                    | 45.8              | 40.51                   | 16.49            | 63.18                | -              | -                 | A               | H          |
|                                             |      | 17968             | 51.52            | -22.48            | 74                    | 47.61             | 42.81                   | 18.41            | 57.31                | -              | -                 | P               | H          |
|                                             |      | 17968             | 41.73            | -12.27            | 54                    | 37.82             | 42.81                   | 18.41            | 57.31                | -              | -                 | A               | H          |
|                                             |      | 19995             | 39.81            | -34.19            | 74                    | 60.73             | 37.51                   | -3.53            | 54.9                 | -              | -                 | P               | H          |
|                                             |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                             |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                             |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                             |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                             |      | 12536             | 48.07            | -25.93            | 74                    | 56.47             | 38.74                   | 15.13            | 62.27                | -              | -                 | P               | V          |
|                                             |      | 12536             | 38.28            | -15.72            | 54                    | 46.68             | 38.74                   | 15.13            | 62.27                | -              | -                 | A               | V          |
|                                             |      | 13328             | 47               | -27               | 74                    | 53.4              | 39.84                   | 15.71            | 61.95                | -              | -                 | P               | V          |
|                                             |      | 14472             | 47.84            | -26.16            | 74                    | 54                | 40.53                   | 16.49            | 63.18                | -              | -                 | P               | V          |
|                                             |      | 14472             | 39.05            | -14.95            | 54                    | 45.21             | 40.53                   | 16.49            | 63.18                | -              | -                 | A               | V          |
|                                             |      | 18000             | 51.56            | -22.44            | 74                    | 47.27             | 43.1                    | 18.43            | 57.24                | -              | -                 | P               | V          |
|                                             |      | 18000             | 42.86            | -11.14            | 54                    | 38.57             | 43.1                    | 18.43            | 57.24                | -              | -                 | A               | V          |
|                                             |      | 19995             | 42.7             | -31.3             | 74                    | 63.62             | 37.51                   | -3.53            | 54.9                 | 150            | 235               | P               | V          |
|                                             |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                             |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                             |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                             |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |





| WIFI<br>Ant.<br>9+8                         | 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 |                                                                                                                                         | 12528                | 47.6                | -26.4                   | 74                          | 56.03                   | 38.73                         | 15.12                  | 62.28                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         | 12528                | 38.03               | -15.97                  | 54                          | 46.46                   | 38.73                         | 15.12                  | 62.28                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                         | 13650                | 45.63               | -42.57                  | 88.2                        | 51.8                    | 40.4                          | 15.98                  | 62.55                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         | 14488                | 49.28               | -24.72                  | 74                          | 55.46                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         | 14488                | 40.49               | -13.51                  | 54                          | 46.67                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                         | 17896                | 51.43               | -22.57                  | 74                          | 48.41                   | 42.14                         | 18.36                  | 57.48                      | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         | 17896                | 41.64               | -12.36                  | 54                          | 38.62                   | 42.14                         | 18.36                  | 57.48                      | -                    | -                       | A                     | H             |
|                                             |                                                                                                                                         | 20472                | 39.21               | -34.79                  | 74                          | 59.63                   | 37.98                         | -3.5                   | 54.9                       | -                    | -                       | P                     | H             |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                             |                                                                                                                                         | 11760                | 47.35               | -26.65                  | 74                          | 55.4                    | 38.44                         | 14.66                  | 61.15                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                         | 11760                | 37.56               | -16.44                  | 54                          | 45.61                   | 38.44                         | 14.66                  | 61.15                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                         | 13650                | 46.39               | -41.81                  | 88.2                        | 52.56                   | 40.4                          | 15.98                  | 62.55                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                         | 14480                | 48.76               | -25.24                  | 74                          | 54.93                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                         | 14480                | 39.97               | -14.03                  | 54                          | 46.14                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                         | 18000                | 51.96               | -22.04                  | 74                          | 47.67                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | P                     | V             |
|                                             |                                                                                                                                         | 18000                | 42.19               | -11.81                  | 54                          | 37.9                    | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | A                     | V             |
|                                             |                                                                                                                                         | 20475                | 43.75               | -30.25                  | 74                          | 64.17                   | 37.98                         | -3.5                   | 54.9                       | 150                  | 237                     | P                     | V             |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                             |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                               | 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 802.11a (Band Edge @ 3m)

| WIFI<br>Ant.<br>9+8          | 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) |
|------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br>CH 233<br>7115MHz | *                                                                                           | 7115                 | 104.62              | -                       | -                           | 93.96                   | 36.12                         | 11.63                  | 37.09                      | 100                  | 340                     | P                     | H             |
|                              | *                                                                                           | 7115                 | 97.27               | -                       | -                           | 86.61                   | 36.12                         | 11.63                  | 37.09                      | 100                  | 340                     | A                     | H             |
|                              |                                                                                             | 7125                 | 78.12               | -10.08                  | 88.2                        | 67.37                   | 36.2                          | 11.64                  | 37.09                      | 100                  | 340                     | P                     | H             |
|                              |                                                                                             | 7125                 | 65.13               | -3.07                   | 68.2                        | 54.38                   | 36.2                          | 11.64                  | 37.09                      | 100                  | 340                     | A                     | H             |
|                              |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              | *                                                                                           | 7115                 | 104.14              | -                       | -                           | 93.48                   | 36.12                         | 11.63                  | 37.09                      | 100                  | 42                      | P                     | V             |
|                              | *                                                                                           | 7115                 | 95.7                | -                       | -                           | 85.04                   | 36.12                         | 11.63                  | 37.09                      | 100                  | 42                      | A                     | V             |
|                              |                                                                                             | 7125                 | 74.6                | -13.6                   | 88.2                        | 63.85                   | 36.2                          | 11.64                  | 37.09                      | 100                  | 42                      | P                     | V             |
|                              |                                                                                             | 7125                 | 62.65               | -5.55                   | 68.2                        | 51.9                    | 36.2                          | 11.64                  | 37.09                      | 100                  | 42                      | 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 802.11a (Harmonic @ 3m)

| WIFI Ant. 9+8                | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11a<br>CH 189<br>6895MHz |      | 11784             | 47.88            | -26.12            | 74                    | 55.96             | 38.42                   | 14.67            | 61.17                | -              | -                 | P               | H          |
|                              |      | 11784             | 38.82            | -15.18            | 54                    | 46.9              | 38.42                   | 14.67            | 61.17                | -              | -                 | A               | H          |
|                              |      | 13790             | 46.68            | -41.52            | 88.2                  | 53.17             | 40.3                    | 16.1             | 62.89                | -              | -                 | P               | H          |
|                              |      | 14472             | 48.69            | -25.31            | 74                    | 54.85             | 40.53                   | 16.49            | 63.18                | -              | -                 | P               | H          |
|                              |      | 14472             | 41.69            | -12.31            | 54                    | 47.85             | 40.53                   | 16.49            | 63.18                | -              | -                 | A               | H          |
|                              |      | 17896             | 51.52            | -22.48            | 74                    | 48.5              | 42.14                   | 18.36            | 57.48                | -              | -                 | P               | H          |
|                              |      | 17896             | 41.2             | -12.8             | 54                    | 38.18             | 42.14                   | 18.36            | 57.48                | -              | -                 | A               | H          |
|                              |      | 20685             | 39.49            | -34.51            | 74                    | 59.91             | 37.85                   | -3.44            | 54.83                | -              | -                 | P               | H          |
|                              |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                              |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                              |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                              |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                              |      | 11080             | 47.59            | -26.41            | 74                    | 55.5              | 38.6                    | 14.35            | 60.86                | -              | -                 | P               | V          |
|                              |      | 11080             | 38.59            | -15.41            | 54                    | 46.5              | 38.6                    | 14.35            | 60.86                | -              | -                 | A               | V          |
|                              |      | 13790             | 47.42            | -40.78            | 88.2                  | 53.91             | 40.3                    | 16.1             | 62.89                | -              | -                 | P               | V          |
|                              |      | 14472             | 48.05            | -25.95            | 74                    | 54.21             | 40.53                   | 16.49            | 63.18                | -              | -                 | P               | V          |
|                              |      | 14472             | 41.11            | -12.89            | 54                    | 47.27             | 40.53                   | 16.49            | 63.18                | -              | -                 | A               | V          |
|                              |      | 17960             | 51.2             | -22.8             | 74                    | 47.39             | 42.74                   | 18.4             | 57.33                | -              | -                 | P               | V          |
|                              |      | 17960             | 41.98            | -12.02            | 54                    | 38.17             | 42.74                   | 18.4             | 57.33                | -              | -                 | A               | V          |
|                              |      | 20685             | 46.37            | -27.63            | 74                    | 66.79             | 37.85                   | -3.44            | 54.83                | 150            | 182               | P               | V          |
|                              |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                              |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                              |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                              |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |



| WIFI<br>Ant.<br>9+8          | 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) |
|------------------------------|------|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br>CH 209<br>6995MHz |      | 11064                | 47.79               | -26.21                  | 74                          | 55.71                   | 38.6                          | 14.34                  | 60.86                      | -                    | -                       | P                     | H             |
|                              |      | 11064                | 38.65               | -15.35                  | 54                          | 46.57                   | 38.6                          | 14.34                  | 60.86                      | -                    | -                       | A                     | H             |
|                              |      | 13990                | 48.36               | -39.84                  | 88.2                        | 54.89                   | 40.58                         | 16.27                  | 63.38                      | -                    | -                       | P                     | H             |
|                              |      | 14480                | 48.95               | -25.05                  | 74                          | 55.12                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                              |      | 14480                | 41.2                | -12.8                   | 54                          | 47.37                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                              |      | 17824                | 51.44               | -22.56                  | 74                          | 49.63                   | 41.14                         | 18.31                  | 57.64                      | -                    | -                       | P                     | H             |
|                              |      | 17824                | 41.28               | -12.72                  | 54                          | 39.47                   | 41.14                         | 18.31                  | 57.64                      | -                    | -                       | A                     | H             |
|                              |      | 20985                | 39.95               | -34.05                  | 74                          | 60.02                   | 37.99                         | -3.35                  | 54.71                      | -                    | -                       | P                     | H             |
|                              |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |      | 10904                | 47.59               | -26.41                  | 74                          | 55.5                    | 38.7                          | 14.26                  | 60.87                      | -                    | -                       | P                     | V             |
|                              |      | 10904                | 38.66               | -15.34                  | 54                          | 46.57                   | 38.7                          | 14.26                  | 60.87                      | -                    | -                       | A                     | V             |
|                              |      | 13990                | 48.65               | -39.55                  | 88.2                        | 55.18                   | 40.58                         | 16.27                  | 63.38                      | -                    | -                       | P                     | V             |
|                              |      | 14472                | 48.52               | -25.48                  | 74                          | 54.68                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                              |      | 14472                | 41.21               | -12.79                  | 54                          | 47.37                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                              |      | 17952                | 51.63               | -22.37                  | 74                          | 47.91                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | V             |
|                              |      | 17952                | 42.66               | -11.34                  | 54                          | 38.94                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | V             |
|                              |      | 20985                | 42.61               | -31.39                  | 74                          | 62.68                   | 37.99                         | -3.35                  | 54.71                      | 150                  | 181                     | P                     | V             |
|                              |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                              |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                              |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                              |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |

| WIFI<br>Ant.<br>9+8                  | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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) |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|-------------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br><br>CH 233<br><br>7115MHz |                                                                                                                                         | 10808                    | 47.69                   | -26.31                  | 74                          | 55.39                   | 38.98                         | 14.21                  | 60.89                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         | 10808                    | 39.19                   | -14.81                  | 54                          | 46.89                   | 38.98                         | 14.21                  | 60.89                      | -                    | -                       | A                     | H             |
|                                      |                                                                                                                                         | 14230                    | 48.29                   | -39.91                  | 88.2                        | 54.32                   | 40.87                         | 16.39                  | 63.29                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         | 14472                    | 49.02                   | -24.98                  | 74                          | 55.18                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         | 14472                    | 41.41                   | -12.59                  | 54                          | 47.57                   | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                      |                                                                                                                                         | 17984                    | 51.26                   | -22.74                  | 74                          | 47.16                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         | 17984                    | 43.27                   | -10.73                  | 54                          | 39.17                   | 42.96                         | 18.42                  | 57.28                      | -                    | -                       | A                     | H             |
|                                      |                                                                                                                                         | 21345                    | 39.94                   | -34.06                  | 74                          | 60.12                   | 37.79                         | -3.27                  | 54.7                       | -                    | -                       | P                     | H             |
|                                      |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                                                                         | 10816                    | 47.71                   | -26.29                  | 74                          | 55.44                   | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         | 10816                    | 39.06                   | -14.94                  | 54                          | 46.79                   | 38.95                         | 14.21                  | 60.89                      | -                    | -                       | A                     | V             |
|                                      |                                                                                                                                         | 14230                    | 48.09                   | -40.11                  | 88.2                        | 54.12                   | 40.87                         | 16.39                  | 63.29                      | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         | 14480                    | 48.71                   | -25.29                  | 74                          | 54.88                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         | 14480                    | 41.01                   | -12.99                  | 54                          | 47.18                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                      |                                                                                                                                         | 17952                    | 51.84                   | -22.16                  | 74                          | 48.12                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         | 17952                    | 42.3                    | -11.7                   | 54                          | 38.58                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | V             |
|                                      |                                                                                                                                         | 21345                    | 39.47                   | -34.53                  | 74                          | 59.65                   | 37.79                         | -3.27                  | 54.7                       | -                    | -                       | P                     | V             |
|                                      |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                      |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                               | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                      | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                      | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                      | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |

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

| WIFI Ant. 9+8                                        | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| <b>802.11ax<br/>HE20 Full<br/>CH 233<br/>7115MHz</b> | *                                                                                           | 7115              | 89.28            | -                 | -                     | 78.62             | 36.12                   | 11.63            | 37.09                | 100            | 232               | P               | H          |
|                                                      | *                                                                                           | 7115              | 78.27            | -                 | -                     | 67.61             | 36.12                   | 11.63            | 37.09                | 100            | 232               | A               | H          |
|                                                      |                                                                                             | 7125              | 72.82            | -15.38            | 88.2                  | 62.07             | 36.2                    | 11.64            | 37.09                | 100            | 232               | P               | H          |
|                                                      |                                                                                             | 7125              | 66.95            | -1.25             | 68.2                  | 56.2              | 36.2                    | 11.64            | 37.09                | 100            | 232               | A               | H          |
|                                                      |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                      |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                      | *                                                                                           | 7115              | 85.99            | -                 | -                     | 75.33             | 36.12                   | 11.63            | 37.09                | 300            | 289               | P               | V          |
|                                                      | *                                                                                           | 7115              | 76.02            | -                 | -                     | 65.36             | 36.12                   | 11.63            | 37.09                | 300            | 289               | A               | V          |
|                                                      |                                                                                             | 7125              | 70.47            | -17.73            | 88.2                  | 59.72             | 36.2                    | 11.64            | 37.09                | 300            | 289               | P               | V          |
|                                                      |                                                                                             | 7125              | 65.38            | -2.82             | 68.2                  | 54.63             | 36.2                    | 11.64            | 37.09                | 300            | 289               | 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 8 - 6875~7125MHz

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

| WIFI Ant. 9+8                              | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE20 Full<br>CH 189<br>6895MHz |      | 11000             | 48.82            | -25.18            | 74                    | 56.77             | 38.6                    | 14.31            | 60.86                | -              | -                 | P               | H          |
|                                            |      | 11000             | 38.91            | -15.09            | 54                    | 46.86             | 38.6                    | 14.31            | 60.86                | -              | -                 | A               | H          |
|                                            |      | 13790             | 46.44            | -41.76            | 88.2                  | 52.93             | 40.3                    | 16.1             | 62.89                | -              | -                 | P               | H          |
|                                            |      | 14496             | 49.95            | -24.05            | 74                    | 56.12             | 40.5                    | 16.5             | 63.17                | -              | -                 | P               | H          |
|                                            |      | 14496             | 40.04            | -13.96            | 54                    | 46.21             | 40.5                    | 16.5             | 63.17                | -              | -                 | A               | H          |
|                                            |      | 17896             | 52.7             | -21.3             | 74                    | 49.68             | 42.14                   | 18.36            | 57.48                | -              | -                 | P               | H          |
|                                            |      | 17896             | 42.79            | -11.21            | 54                    | 39.77             | 42.14                   | 18.36            | 57.48                | -              | -                 | A               | H          |
|                                            |      | 20685             | 41               | -33               | 74                    | 61.42             | 37.85                   | -3.44            | 54.83                | -              | -                 | P               | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      | 11000             | 48.11            | -25.89            | 74                    | 56.06             | 38.6                    | 14.31            | 60.86                | -              | -                 | P               | V          |
|                                            |      | 11000             | 38.74            | -15.26            | 54                    | 46.69             | 38.6                    | 14.31            | 60.86                | -              | -                 | A               | V          |
|                                            |      | 13790             | 46.18            | -42.02            | 88.2                  | 52.67             | 40.3                    | 16.1             | 62.89                | -              | -                 | P               | V          |
|                                            |      | 14488             | 48.78            | -25.22            | 74                    | 54.96             | 40.51                   | 16.49            | 63.18                | -              | -                 | P               | V          |
|                                            |      | 14488             | 38.42            | -15.58            | 54                    | 44.6              | 40.51                   | 16.49            | 63.18                | -              | -                 | A               | V          |
|                                            |      | 17864             | 52.65            | -21.35            | 74                    | 50.16             | 41.7                    | 18.34            | 57.55                | -              | -                 | P               | V          |
|                                            |      | 17864             | 43.19            | -10.81            | 54                    | 40.7              | 41.7                    | 18.34            | 57.55                | -              | -                 | A               | V          |
|                                            |      | 20688             | 47.31            | -26.69            | 74                    | 67.72             | 37.85                   | -3.44            | 54.82                | -              | -                 | P               | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |



| WIFI<br>Ant.<br>9+8                                                    | 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</b><br><b>HE20 Full</b><br><b>CH 209</b><br><b>6995MHz</b> |      | 10832                | 48.17               | -25.83                  | 74                          | 55.93                   | 38.9                          | 14.22                  | 60.88                      | -                    | -                       | P                     | H             |
|                                                                        |      | 10832                | 37.63               | -16.37                  | 54                          | 45.39                   | 38.9                          | 14.22                  | 60.88                      | -                    | -                       | A                     | H             |
|                                                                        |      | 13990                | 49.32               | -38.88                  | 88.2                        | 55.85                   | 40.58                         | 16.27                  | 63.38                      | -                    | -                       | P                     | H             |
|                                                                        |      | 13990                | 38.96               | -29.24                  | 68.2                        | 45.49                   | 40.58                         | 16.27                  | 63.38                      | -                    | -                       | A                     | H             |
|                                                                        |      | 14488                | 49.25               | -24.75                  | 74                          | 55.43                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14488                | 39.07               | -14.93                  | 54                          | 45.25                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                                                        |      | 17968                | 54                  | -20                     | 74                          | 50.09                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | P                     | H             |
|                                                                        |      | 17968                | 44.81               | -9.19                   | 54                          | 40.9                    | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | A                     | H             |
|                                                                        |      | 20985                | 39.97               | -34.03                  | 74                          | 60.04                   | 37.99                         | -3.35                  | 54.71                      | -                    | -                       | P                     | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      | 10912                | 48.02               | -25.98                  | 74                          | 55.94                   | 38.69                         | 14.26                  | 60.87                      | -                    | -                       | P                     | V             |
|                                                                        |      | 10912                | 37.57               | -16.43                  | 54                          | 45.49                   | 38.69                         | 14.26                  | 60.87                      | -                    | -                       | A                     | V             |
|                                                                        |      | 13990                | 47.3                | -40.9                   | 88.2                        | 53.83                   | 40.58                         | 16.27                  | 63.38                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14496                | 48.92               | -25.08                  | 74                          | 55.09                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14496                | 39.73               | -14.27                  | 54                          | 45.9                    | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                                                        |      | 17952                | 52.61               | -21.39                  | 74                          | 48.89                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | P                     | V             |
|                                                                        |      | 17952                | 42.7                | -11.3                   | 54                          | 38.98                   | 42.67                         | 18.4                   | 57.35                      | -                    | -                       | A                     | V             |
|                                                                        |      | 20985                | 45.09               | -28.91                  | 74                          | 65.16                   | 37.99                         | -3.35                  | 54.71                      | 150                  | 181                     | P                     | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |





| WIFI<br>Ant.<br>9+8                        | 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 |                                                                                                                                         | 10984                | 48.3                | -25.7                   | 74                          | 56.24                   | 38.62                         | 14.3                   | 60.86                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 10984                | 38.57               | -15.43                  | 54                          | 46.51                   | 38.62                         | 14.3                   | 60.86                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 14230                | 47.77               | -40.43                  | 88.2                        | 53.8                    | 40.87                         | 16.39                  | 63.29                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14488                | 49.18               | -24.82                  | 74                          | 55.36                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14488                | 39.36               | -14.64                  | 54                          | 45.54                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 17968                | 52.65               | -21.35                  | 74                          | 48.74                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17968                | 42.38               | -11.62                  | 54                          | 38.47                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 21345                | 42.15               | -31.85                  | 74                          | 62.33                   | 37.79                         | -3.27                  | 54.7                       | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 10944                | 48.21               | -25.79                  | 74                          | 56.14                   | 38.66                         | 14.28                  | 60.87                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 10944                | 38.57               | -15.43                  | 54                          | 46.5                    | 38.66                         | 14.28                  | 60.87                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 14230                | 49.66               | -38.54                  | 88.2                        | 55.69                   | 40.87                         | 16.39                  | 63.29                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14230                | 39.03               | -29.17                  | 68.2                        | 45.06                   | 40.87                         | 16.39                  | 63.29                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 14496                | 49.94               | -24.06                  | 74                          | 56.11                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14496                | 39.95               | -14.05                  | 54                          | 46.12                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17872                | 52.47               | -21.53                  | 74                          | 49.85                   | 41.81                         | 18.34                  | 57.53                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17872                | 42.2                | -11.8                   | 54                          | 39.58                   | 41.81                         | 18.34                  | 57.53                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 21345                | 46.53               | -27.47                  | 74                          | 66.71                   | 37.79                         | -3.27                  | 54.7                       | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                              | 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 HE20 Partial 106 (Band Edge @ 3m)**

| WIFI Ant. 9+8                                                          | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| <b>802.11ax<br/>HE20<br/>Partial<br/>106/54<br/>CH 233<br/>7115MHz</b> | *                                                                                           | 7115              | 85.73            | -                 | -                     | 75.07             | 36.12                   | 11.63            | 37.09                | 100            | 229               | P               | H          |
|                                                                        | *                                                                                           | 7115              | 77.6             | -                 | -                     | 66.94             | 36.12                   | 11.63            | 37.09                | 100            | 229               | A               | H          |
|                                                                        |                                                                                             | 7125.02           | 73.56            | -14.64            | 88.2                  | 62.81             | 36.2                    | 11.64            | 37.09                | 100            | 229               | P               | H          |
|                                                                        |                                                                                             | 7125.02           | 67.02            | -1.18             | 68.2                  | 56.27             | 36.2                    | 11.64            | 37.09                | 100            | 229               | A               | H          |
|                                                                        |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                                        |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                                        | *                                                                                           | 7115              | 84.4             | -                 | -                     | 73.74             | 36.12                   | 11.63            | 37.09                | 298            | 283               | P               | V          |
|                                                                        | *                                                                                           | 7115              | 75.56            | -                 | -                     | 64.9              | 36.12                   | 11.63            | 37.09                | 298            | 283               | A               | V          |
|                                                                        |                                                                                             | 7125.02           | 71.89            | -16.31            | 88.2                  | 61.14             | 36.2                    | 11.64            | 37.09                | 298            | 283               | P               | V          |
|                                                                        |                                                                                             | 7125.02           | 65.32            | -2.88             | 68.2                  | 54.57             | 36.2                    | 11.64            | 37.09                | 298            | 283               | 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 8 - 6875~7125MHz****WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

| WIFI Ant. 9+8                                        | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| <b>802.11ax<br/>HE40 Full<br/>CH 227<br/>7085MHz</b> | *                                                                                           | 7085              | 108.87           | -                 | -                     | 98.45               | 35.91                   | 11.6             | 37.09                | 101            | 203               | P                 | H            |
|                                                      | *                                                                                           | 7085              | 98.87            | -                 | -                     | 88.45               | 35.91                   | 11.6             | 37.09                | 101            | 203               | A                 | H            |
|                                                      |                                                                                             | 7127.4            | 76.22            | -11.98            | 88.2                  | 65.45               | 36.22                   | 11.64            | 37.09                | 101            | 203               | P                 | H            |
|                                                      |                                                                                             | 7125              | 63.93            | -4.27             | 68.2                  | 53.18               | 36.2                    | 11.64            | 37.09                | 101            | 203               | A                 | H            |
|                                                      |                                                                                             |                   |                  |                   |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                                                      |                                                                                             |                   |                  |                   |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                                                      | *                                                                                           | 7085              | 105.63           | -                 | -                     | 95.21               | 35.91                   | 11.6             | 37.09                | 287            | 265               | P                 | V            |
|                                                      | *                                                                                           | 7085              | 96.25            | -                 | -                     | 85.83               | 35.91                   | 11.6             | 37.09                | 287            | 265               | A                 | V            |
|                                                      |                                                                                             | 7127.56           | 74.1             | -14.1             | 88.2                  | 63.33               | 36.22                   | 11.64            | 37.09                | 287            | 265               | P                 | V            |
|                                                      |                                                                                             | 7126.28           | 63.84            | -4.36             | 68.2                  | 53.08               | 36.21                   | 11.64            | 37.09                | 287            | 265               | 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 8 - 6875~7125MHz

## WIFI 802.11ax HE40 Full (Harmonic @ 3m)

| WIFI<br>Ant.<br>9+8                        | 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 195<br>6925MHz |      | 10864                | 48.74               | -25.26                  | 74                          | 56.57                     | 38.81                         | 14.24                  | 60.88                      | -                    | -                       | P                       | H               |
|                                            |      | 10864                | 38.68               | -15.32                  | 54                          | 46.51                     | 38.81                         | 14.24                  | 60.88                      | -                    | -                       | A                       | H               |
|                                            |      | 13850                | 48                  | -40.2                   | 88.2                        | 54.54                     | 40.35                         | 16.15                  | 63.04                      | -                    | -                       | P                       | H               |
|                                            |      | 14472                | 49.66               | -24.34                  | 74                          | 55.82                     | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | P                       | H               |
|                                            |      | 14472                | 39.64               | -14.36                  | 54                          | 45.8                      | 40.53                         | 16.49                  | 63.18                      | -                    | -                       | A                       | H               |
|                                            |      | 17976                | 52.23               | -21.77                  | 74                          | 48.24                     | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | P                       | H               |
|                                            |      | 17976                | 42.21               | -11.79                  | 54                          | 38.22                     | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | A                       | H               |
|                                            |      | 20775                | 40.5                | -33.5                   | 74                          | 60.89                     | 37.82                         | -3.42                  | 54.79                      | -                    | -                       | P                       | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |      | 10928                | 48.65               | -25.35                  | 74                          | 56.58                     | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | P                       | V               |
|                                            |      | 10928                | 38.62               | -15.38                  | 54                          | 46.55                     | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | A                       | V               |
|                                            |      | 13850                | 47.42               | -40.78                  | 88.2                        | 53.96                     | 40.35                         | 16.15                  | 63.04                      | -                    | -                       | P                       | V               |
|                                            |      | 14480                | 48.78               | -25.22                  | 74                          | 54.95                     | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                       | V               |
|                                            |      | 14480                | 38.91               | -15.09                  | 54                          | 45.08                     | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                       | V               |
|                                            |      | 17976                | 52.32               | -21.68                  | 74                          | 48.33                     | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | P                       | V               |
|                                            |      | 17976                | 42.26               | -11.74                  | 54                          | 38.27                     | 42.88                         | 18.41                  | 57.3                       | -                    | -                       | A                       | V               |
|                                            |      | 20775                | 39.76               | -34.24                  | 74                          | 60.15                     | 37.82                         | -3.42                  | 54.79                      | -                    | -                       | P                       | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |      |                      |                     |                         |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>9+8                                                    | 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</b><br><b>HE40 Full</b><br><b>CH 211</b><br><b>7005MHz</b> |      | 10888                | 48                  | -26                     | 74                          | 55.89                   | 38.74                         | 14.25                  | 60.88                      | -                    | -                       | P                     | H             |
|                                                                        |      | 10888                | 37.93               | -16.07                  | 54                          | 45.82                   | 38.74                         | 14.25                  | 60.88                      | -                    | -                       | A                     | H             |
|                                                                        |      | 14010                | 48.8                | -39.4                   | 88.2                        | 55.3                    | 40.62                         | 16.28                  | 63.4                       | -                    | -                       | P                     | H             |
|                                                                        |      | 14480                | 49.66               | -24.34                  | 74                          | 55.83                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                                                        |      | 14480                | 39.64               | -14.36                  | 54                          | 45.81                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                                                        |      | 17960                | 52.4                | -21.6                   | 74                          | 48.59                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | P                     | H             |
|                                                                        |      | 17960                | 42.37               | -11.63                  | 54                          | 38.56                   | 42.74                         | 18.4                   | 57.33                      | -                    | -                       | A                     | H             |
|                                                                        |      | 21016                | 37.36               | -36.64                  | 74                          | 57.44                   | 37.97                         | -3.35                  | 54.7                       | -                    | -                       | P                     | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |      | 10928                | 48.25               | -25.75                  | 74                          | 56.18                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | P                     | V             |
|                                                                        |      | 10928                | 38.2                | -15.8                   | 54                          | 46.13                   | 38.67                         | 14.27                  | 60.87                      | -                    | -                       | A                     | V             |
|                                                                        |      | 14010                | 48.4                | -39.8                   | 88.2                        | 54.9                    | 40.62                         | 16.28                  | 63.4                       | -                    | -                       | P                     | V             |
|                                                                        |      | 14488                | 50.12               | -23.88                  | 74                          | 56.3                    | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |
|                                                                        |      | 14488                | 40.05               | -13.95                  | 54                          | 46.23                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |
|                                                                        |      | 17904                | 52.2                | -21.8                   | 74                          | 49.05                   | 42.24                         | 18.37                  | 57.46                      | -                    | -                       | P                     | V             |
|                                                                        |      | 17904                | 42.52               | -11.48                  | 54                          | 39.37                   | 42.24                         | 18.37                  | 57.46                      | -                    | -                       | A                     | V             |
|                                                                        |      | 21015                | 37.5                | -36.5                   | 74                          | 57.57                   | 37.98                         | -3.35                  | 54.7                       | -                    | -                       | P                     | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |      |                      |                     |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |

| WIFI<br>Ant.<br>9+8                        | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 |                                                                                                                                         | 10808                    | 48.98                   | -25.02                  | 74                          | 56.68                   | 38.98                         | 14.21                  | 60.89                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 10808                    | 47.97                   | -6.03                   | 54                          | 55.67                   | 38.98                         | 14.21                  | 60.89                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 14170                    | 48.44                   | -39.76                  | 88.2                        | 54.53                   | 40.87                         | 16.36                  | 63.32                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14488                    | 49.72                   | -24.28                  | 74                          | 55.9                    | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 14488                    | 39.75                   | -14.25                  | 54                          | 45.93                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 17968                    | 53.17                   | -20.83                  | 74                          | 49.26                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         | 17968                    | 43.16                   | -10.84                  | 54                          | 39.25                   | 42.81                         | 18.41                  | 57.31                      | -                    | -                       | A                     | H             |
|                                            |                                                                                                                                         | 21256                    | 39.2                    | -34.8                   | 74                          | 59.58                   | 37.61                         | -3.29                  | 54.7                       | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                         | 10944                    | 48.34                   | -25.66                  | 74                          | 56.27                   | 38.66                         | 14.28                  | 60.87                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 10944                    | 38.28                   | -15.72                  | 54                          | 46.21                   | 38.66                         | 14.28                  | 60.87                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 14170                    | 48.87                   | -39.33                  | 88.2                        | 54.96                   | 40.87                         | 16.36                  | 63.32                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14496                    | 49.96                   | -24.04                  | 74                          | 56.13                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 14496                    | 39.95                   | -14.05                  | 54                          | 46.12                   | 40.5                          | 16.5                   | 63.17                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 17880                    | 52.04                   | -21.96                  | 74                          | 49.29                   | 41.92                         | 18.35                  | 57.52                      | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         | 17880                    | 42.03                   | -11.97                  | 54                          | 39.28                   | 41.92                         | 18.35                  | 57.52                      | -                    | -                       | A                     | V             |
|                                            |                                                                                                                                         | 21255                    | 39.48                   | -34.52                  | 74                          | 59.86                   | 37.61                         | -3.29                  | 54.7                       | -                    | -                       | P                     | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         | V                     |               |
| Remark                                     | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |



## Band 8 - 6875~7125MHz

## WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

| WIFI Ant. 9+8                                              | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE40<br>Partial<br>242/62<br>CH 227<br>7085MHz | *                                                                                           | 7085              | 109              | -                 | -                     | 98.58             | 35.91                   | 11.6             | 37.09                | 104            | 230               | P               | H          |
|                                                            | *                                                                                           | 7085              | 100.22           | -                 | -                     | 89.8              | 35.91                   | 11.6             | 37.09                | 104            | 230               | A               | H          |
|                                                            |                                                                                             | 7127.46           | 84.88            | -3.32             | 88.2                  | 74.11             | 36.22                   | 11.64            | 37.09                | 104            | 230               | P               | H          |
|                                                            |                                                                                             | 7127.28           | 66.56            | -1.64             | 68.2                  | 55.79             | 36.22                   | 11.64            | 37.09                | 104            | 230               | A               | H          |
|                                                            |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                            |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                            | *                                                                                           | 7085              | 107.83           | -                 | -                     | 97.41             | 35.91                   | 11.6             | 37.09                | 325            | 265               | P               | V          |
|                                                            | *                                                                                           | 7085              | 98.3             | -                 | -                     | 87.88             | 35.91                   | 11.6             | 37.09                | 325            | 265               | A               | V          |
|                                                            |                                                                                             | 7136.28           | 79.08            | -9.12             | 88.2                  | 68.23             | 36.29                   | 11.65            | 37.09                | 325            | 265               | P               | V          |
|                                                            |                                                                                             | 7125.01           | 65.71            | -2.49             | 68.2                  | 54.96             | 36.2                    | 11.64            | 37.09                | 325            | 265               | 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 Ant. 9+8                                        | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| <b>802.11ax<br/>HE80 Full<br/>CH 215<br/>7025MHz</b> | *                                                                                           | 7025              | 105.79           | -                 | -                     | 95.73             | 35.6                    | 11.55            | 37.09                | 100            | 269               | P               | H          |
|                                                      | *                                                                                           | 7025              | 97               | -                 | -                     | 86.94             | 35.6                    | 11.55            | 37.09                | 100            | 269               | A               | H          |
|                                                      |                                                                                             | 7125.2            | 71.23            | -16.97            | 88.2                  | 60.48             | 36.2                    | 11.64            | 37.09                | 100            | 269               | P               | H          |
|                                                      |                                                                                             | 7125.02           | 61.63            | -6.57             | 68.2                  | 50.88             | 36.2                    | 11.64            | 37.09                | 100            | 269               | A               | H          |
|                                                      |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                      |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                      | *                                                                                           | 7025              | 106.78           | -                 | -                     | 96.72             | 35.6                    | 11.55            | 37.09                | 299            | 289               | P               | V          |
|                                                      | *                                                                                           | 7025              | 95.8             | -                 | -                     | 85.74             | 35.6                    | 11.55            | 37.09                | 299            | 289               | A               | V          |
|                                                      |                                                                                             | 7125.56           | 72.42            | -15.78            | 88.2                  | 61.67             | 36.2                    | 11.64            | 37.09                | 299            | 289               | P               | V          |
|                                                      |                                                                                             | 7125.02           | 61.8             | -6.4              | 68.2                  | 51.05             | 36.2                    | 11.64            | 37.09                | 299            | 289               | 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 8 - 6875~7125MHz

## WIFI 802.11ax HE80 Full (Harmonic @ 3m)

| WIFI Ant. 9+8                              | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|--------------------------------------------|------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE80 Full<br>CH 199<br>6945MHz |      | 10880             | 48.26            | -25.74            | 74                    | 56.14             | 38.76                   | 14.24            | 60.88                | -              | -                 | P               | H          |
|                                            |      | 10880             | 38.28            | -15.72            | 54                    | 46.16             | 38.76                   | 14.24            | 60.88                | -              | -                 | A               | H          |
|                                            |      | 13890             | 47.94            | -40.26            | 88.2                  | 54.49             | 40.39                   | 16.19            | 63.13                | -              | -                 | P               | H          |
|                                            |      | 14480             | 49.5             | -24.5             | 74                    | 55.67             | 40.52                   | 16.49            | 63.18                | -              | -                 | P               | H          |
|                                            |      | 14480             | 39.45            | -14.55            | 54                    | 45.62             | 40.52                   | 16.49            | 63.18                | -              | -                 | A               | H          |
|                                            |      | 17984             | 52.36            | -21.64            | 74                    | 48.26             | 42.96                   | 18.42            | 57.28                | -              | -                 | P               | H          |
|                                            |      | 17984             | 42.34            | -11.66            | 54                    | 38.24             | 42.96                   | 18.42            | 57.28                | -              | -                 | A               | H          |
|                                            |      | 20835             | 40.16            | -33.84            | 74                    | 60.46             | 37.87                   | -3.4             | 54.77                | -              | -                 | P               | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                            |      | 10896             | 48.41            | -25.59            | 74                    | 56.32             | 38.71                   | 14.25            | 60.87                | -              | -                 | P               | V          |
|                                            |      | 10896             | 38.4             | -15.6             | 54                    | 46.31             | 38.71                   | 14.25            | 60.87                | -              | -                 | A               | V          |
|                                            |      | 13890             | 47.98            | -40.22            | 88.2                  | 54.53             | 40.39                   | 16.19            | 63.13                | -              | -                 | P               | V          |
|                                            |      | 14480             | 49.25            | -24.75            | 74                    | 55.42             | 40.52                   | 16.49            | 63.18                | -              | -                 | P               | V          |
|                                            |      | 14480             | 39.19            | -14.81            | 54                    | 45.36             | 40.52                   | 16.49            | 63.18                | -              | -                 | A               | V          |
|                                            |      | 18000             | 52.41            | -21.59            | 74                    | 48.12             | 43.1                    | 18.43            | 57.24                | -              | -                 | P               | V          |
|                                            |      | 18000             | 42.4             | -11.6             | 54                    | 38.11             | 43.1                    | 18.43            | 57.24                | -              | -                 | A               | V          |
|                                            |      | 20835             | 42.07            | -31.93            | 74                    | 62.37             | 37.87                   | -3.4             | 54.77                | 150            | 241               | P               | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                            |      |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |

| WIFI<br>Ant.<br>9+8                        | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><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 |                                                                                                                                         | 10872                    | 47.89                   | -26.11                  | 74                          | 55.75                   | 38.78                         | 14.24                  | 60.88                      | -                    | -                       | P                     | H             |   |
|                                            |                                                                                                                                         | 10872                    | 38.1                    | -15.9                   | 54                          | 45.96                   | 38.78                         | 14.24                  | 60.88                      | -                    | -                       | A                     | H             |   |
|                                            |                                                                                                                                         | 14050                    | 49.56                   | -38.64                  | 88.2                        | 55.94                   | 40.7                          | 16.3                   | 63.38                      | -                    | -                       | P                     | H             |   |
|                                            |                                                                                                                                         | 14488                    | 48.22                   | -25.78                  | 74                          | 54.4                    | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | P                     | H             |   |
|                                            |                                                                                                                                         | 14488                    | 39.43                   | -14.57                  | 54                          | 45.61                   | 40.51                         | 16.49                  | 63.18                      | -                    | -                       | A                     | H             |   |
|                                            |                                                                                                                                         | 17944                    | 52.09                   | -21.91                  | 74                          | 48.47                   | 42.6                          | 18.39                  | 57.37                      | -                    | -                       | P                     | H             |   |
|                                            |                                                                                                                                         | 17944                    | 42.3                    | -11.7                   | 54                          | 38.68                   | 42.6                          | 18.39                  | 57.37                      | -                    | -                       | A                     | H             |   |
|                                            |                                                                                                                                         | 21075                    | 38.89                   | -35.11                  | 74                          | 59.04                   | 37.88                         | -3.33                  | 54.7                       | -                    | -                       | P                     | H             |   |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | H |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | H |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | H |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | H |
|                                            |                                                                                                                                         | 12464                    | 47.73                   | -26.27                  | 74                          | 56.21                   | 38.7                          | 15.08                  | 62.26                      | -                    | -                       | P                     | V             |   |
|                                            |                                                                                                                                         | 12464                    | 37.94                   | -16.06                  | 54                          | 46.42                   | 38.7                          | 15.08                  | 62.26                      | -                    | -                       | A                     | V             |   |
|                                            |                                                                                                                                         | 14050                    | 47.89                   | -40.31                  | 88.2                        | 54.27                   | 40.7                          | 16.3                   | 63.38                      | -                    | -                       | P                     | V             |   |
|                                            |                                                                                                                                         | 14480                    | 48.09                   | -25.91                  | 74                          | 54.26                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | P                     | V             |   |
|                                            |                                                                                                                                         | 14480                    | 39.3                    | -14.7                   | 54                          | 45.47                   | 40.52                         | 16.49                  | 63.18                      | -                    | -                       | A                     | V             |   |
|                                            |                                                                                                                                         | 18000                    | 52.23                   | -21.77                  | 74                          | 47.94                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | P                     | V             |   |
|                                            |                                                                                                                                         | 18000                    | 42.44                   | -11.56                  | 54                          | 38.15                   | 43.1                          | 18.43                  | 57.24                      | -                    | -                       | A                     | V             |   |
|                                            |                                                                                                                                         | 21075                    | 43.74                   | -30.26                  | 74                          | 63.89                   | 37.88                         | -3.33                  | 54.7                       | 150                  | 238                     | P                     | V             |   |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | V |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | V |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | V |
|                                            |                                                                                                                                         |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               | V |
| Remark                                     | 1. No other spurious found.                                                                                                             |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |
|                                            | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |
|                                            | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |
|                                            | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                         |                             |                         |                               |                        |                            |                      |                         |                       |               |   |

**Band 8 - 6875~7125MHz****WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)**

| WIFI Ant. 9+8                                                          | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| <b>802.11ax<br/>HE80<br/>Partial<br/>484/66<br/>CH 215<br/>7025MHz</b> | *                                                                                           | 7025              | 111.03           | -                 | -                     | 100.97            | 35.6                    | 11.55            | 37.09                | 100            | 230               | P               | H          |
|                                                                        | *                                                                                           | 7025              | 101              | -                 | -                     | 90.94             | 35.6                    | 11.55            | 37.09                | 100            | 230               | A               | H          |
|                                                                        |                                                                                             | 7133.64           | 68.87            | -19.33            | 88.2                  | 58.05             | 36.27                   | 11.64            | 37.09                | 100            | 230               | P               | H          |
|                                                                        |                                                                                             | 7125              | 54.69            | -13.51            | 68.2                  | 43.94             | 36.2                    | 11.64            | 37.09                | 100            | 230               | A               | H          |
|                                                                        |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                                        |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                                        | *                                                                                           | 7025              | 107.74           | -                 | -                     | 97.68             | 35.6                    | 11.55            | 37.09                | 299            | 259               | P               | V          |
|                                                                        | *                                                                                           | 7025              | 97.93            | -                 | -                     | 87.87             | 35.6                    | 11.55            | 37.09                | 299            | 259               | A               | V          |
|                                                                        |                                                                                             | 7127.56           | 66.84            | -21.36            | 88.2                  | 56.07             | 36.22                   | 11.64            | 37.09                | 299            | 259               | P               | V          |
|                                                                        |                                                                                             | 7132.2            | 51.72            | -16.48            | 68.2                  | 40.91             | 36.26                   | 11.64            | 37.09                | 299            | 259               | 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 8 - 6875~7125MHz****WIFI 802.11ax HE160 Full (Band Edge @ 3m)**

| WIFI Ant. 9+8                                         | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| <b>802.11ax<br/>HE160 Full<br/>CH 207<br/>6985MHz</b> | *                                                                                           | 6985              | 104.73           | -                 | -                     | 94.79             | 35.5                    | 11.52            | 37.08                | 100            | 340               | P               | H          |
|                                                       | *                                                                                           | 6985              | 93.63            | -                 | -                     | 83.69             | 35.5                    | 11.52            | 37.08                | 100            | 340               | A               | H          |
|                                                       |                                                                                             | 7141.48           | 79.16            | -9.04             | 88.2                  | 68.27             | 36.33                   | 11.65            | 37.09                | 100            | 340               | P               | H          |
|                                                       |                                                                                             | 7141.16           | 66.08            | -2.12             | 68.2                  | 55.19             | 36.33                   | 11.65            | 37.09                | 100            | 340               | A               | H          |
|                                                       |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                       |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                       | *                                                                                           | 6985              | 101.5            | -                 | -                     | 91.56             | 35.5                    | 11.52            | 37.08                | 297            | 270               | P               | V          |
|                                                       | *                                                                                           | 6985              | 91.29            | -                 | -                     | 81.35             | 35.5                    | 11.52            | 37.08                | 297            | 270               | A               | V          |
|                                                       |                                                                                             | 7141.16           | 77.14            | -11.06            | 88.2                  | 66.25             | 36.33                   | 11.65            | 37.09                | 297            | 270               | P               | V          |
|                                                       |                                                                                             | 7141.16           | 62.63            | -5.57             | 68.2                  | 51.74             | 36.33                   | 11.65            | 37.09                | 297            | 270               | 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 8 - 6875~7125MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

| WIFI Ant. 9+8                               | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><br>( dBμV/m ) | Over Limit<br>( dB ) | Limit Line<br>( dBμV/m ) | Read Level<br>(dBμV) | Antenna Factor<br>( dB/m ) | Path Loss<br>( dB ) | Preamp Factor<br>( dB ) | Ant Pos<br>( cm ) | Table Pos<br>( deg ) | Peak Avg.<br>(P/A) | Pol.<br>(H/V) |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|----------------------|--------------------------|----------------------|----------------------------|---------------------|-------------------------|-------------------|----------------------|--------------------|---------------|
| 802.11ax<br>HE160 Full<br>CH 207<br>6985MHz |                                                                                                                                         | 10992                    | 47.56                   | -26.44               | 74                       | 55.51                | 38.61                      | 14.3                | 60.86                   | -                 | -                    | P                  | H             |
|                                             |                                                                                                                                         | 10992                    | 37.77                   | -16.23               | 54                       | 45.72                | 38.61                      | 14.3                | 60.86                   | -                 | -                    | A                  | H             |
|                                             |                                                                                                                                         | 13970                    | 48.91                   | -39.29               | 88.2                     | 55.45                | 40.54                      | 16.25               | 63.33                   | -                 | -                    | P                  | H             |
|                                             |                                                                                                                                         | 14488                    | 48.67                   | -25.33               | 74                       | 54.85                | 40.51                      | 16.49               | 63.18                   | -                 | -                    | P                  | H             |
|                                             |                                                                                                                                         | 14488                    | 39.88                   | -14.12               | 54                       | 46.06                | 40.51                      | 16.49               | 63.18                   | -                 | -                    | A                  | H             |
|                                             |                                                                                                                                         | 17960                    | 51.37                   | -22.63               | 74                       | 47.56                | 42.74                      | 18.4                | 57.33                   | -                 | -                    | P                  | H             |
|                                             |                                                                                                                                         | 17960                    | 41.58                   | -12.42               | 54                       | 37.77                | 42.74                      | 18.4                | 57.33                   | -                 | -                    | A                  | H             |
|                                             |                                                                                                                                         | 20955                    | 38.1                    | -35.9                | 74                       | 58.22                | 37.96                      | -3.36               | 54.72                   | -                 | -                    | P                  | H             |
|                                             |                                                                                                                                         |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    | H             |
|                                             |                                                                                                                                         |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    | H             |
|                                             |                                                                                                                                         |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    | H             |
|                                             |                                                                                                                                         |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    | H             |
|                                             |                                                                                                                                         | 12560                    | 47.71                   | -26.29               | 74                       | 56.04                | 38.76                      | 15.14               | 62.23                   | -                 | -                    | P                  | V             |
|                                             |                                                                                                                                         | 12560                    | 38.11                   | -15.89               | 54                       | 46.44                | 38.76                      | 15.14               | 62.23                   | -                 | -                    | A                  | V             |
|                                             |                                                                                                                                         | 13970                    | 49.43                   | -38.77               | 88.2                     | 55.97                | 40.54                      | 16.25               | 63.33                   | -                 | -                    | P                  | V             |
|                                             |                                                                                                                                         | 14480                    | 49.89                   | -24.11               | 74                       | 56.06                | 40.52                      | 16.49               | 63.18                   | -                 | -                    | P                  | V             |
|                                             |                                                                                                                                         | 14480                    | 41.1                    | -12.9                | 54                       | 47.27                | 40.52                      | 16.49               | 63.18                   | -                 | -                    | A                  | V             |
|                                             |                                                                                                                                         | 17992                    | 51.35                   | -22.65               | 74                       | 47.16                | 43.03                      | 18.42               | 57.26                   | -                 | -                    | P                  | V             |
|                                             |                                                                                                                                         | 17992                    | 41.56                   | -12.44               | 54                       | 37.37                | 43.03                      | 18.42               | 57.26                   | -                 | -                    | A                  | V             |
|                                             |                                                                                                                                         | 20955                    | 40.61                   | -33.39               | 74                       | 60.73                | 37.96                      | -3.36               | 54.72                   | 150               | 236                  | P                  | V             |
|                                             |                                                                                                                                         |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    | V             |
|                                             |                                                                                                                                         |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    | V             |
|                                             |                                                                                                                                         |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    | V             |
|                                             |                                                                                                                                         |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    | V             |
| Remark                                      | 1. No other spurious found.                                                                                                             |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    |               |
|                                             | 2. All results are PASS against Peak and Average limit line.                                                                            |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    |               |
|                                             | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    |               |
|                                             | 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.                                    |                          |                         |                      |                          |                      |                            |                     |                         |                   |                      |                    |               |

**Band 8 - 6875~7125MHz****WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)**

| WIFI Ant. 9+8                                                           | Note                                                                                        | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level (dBμV) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| <b>802.11ax<br/>HE160<br/>Partial<br/>996/68<br/>CH 207<br/>6985MHz</b> | *                                                                                           | 6985              | 106.62           | -                 | -                     | 96.68             | 35.5                    | 11.52            | 37.08                | 100            | 334               | P               | H          |
|                                                                         | *                                                                                           | 6985              | 95.52            | -                 | -                     | 85.58             | 35.5                    | 11.52            | 37.08                | 100            | 334               | A               | H          |
|                                                                         |                                                                                             | 7140.2            | 83.99            | -4.21             | 88.2                  | 73.11             | 36.32                   | 11.65            | 37.09                | 100            | 334               | P               | H          |
|                                                                         |                                                                                             | 7126.12           | 66.64            | -1.56             | 68.2                  | 55.88             | 36.21                   | 11.64            | 37.09                | 100            | 334               | A               | H          |
|                                                                         |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                                         |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | H          |
|                                                                         | *                                                                                           | 6985              | 102.46           | -                 | -                     | 92.52             | 35.5                    | 11.52            | 37.08                | 100            | 43                | P               | V          |
|                                                                         | *                                                                                           | 6985              | 92.53            | -                 | -                     | 82.59             | 35.5                    | 11.52            | 37.08                | 100            | 43                | A               | V          |
|                                                                         |                                                                                             | 7128.68           | 83.36            | -4.84             | 88.2                  | 72.58             | 36.23                   | 11.64            | 37.09                | 100            | 43                | P               | V          |
|                                                                         |                                                                                             | 7126.12           | 65.97            | -2.23             | 68.2                  | 55.21             | 36.21                   | 11.64            | 37.09                | 100            | 43                | A               | V          |
|                                                                         |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
|                                                                         |                                                                                             |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 | V          |
| <b>Remark</b>                                                           | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                   |                  |                   |                       |                   |                         |                  |                      |                |                   |                 |            |

## Emission below 1GHz

## WIFI 802.11ax HE20 Partial 106 (LF @ 3m)

[illegible]



**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.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
|         |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
|         |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b |      | 2390      | 55.45      | -18.55 | 74         | 54.51    | 32.22    | 4.58   | 35.86  | 103    | 308     | P       | H       |
| CH 01   |      |           |            |        |            |          |          |        |        |        |         |         |         |
| 2412MHz |      | 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”.

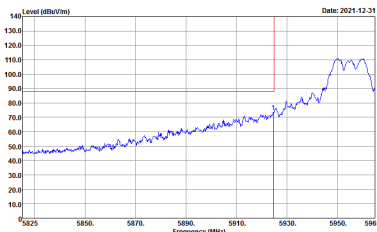
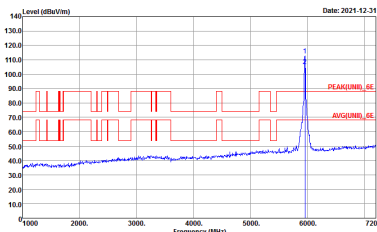
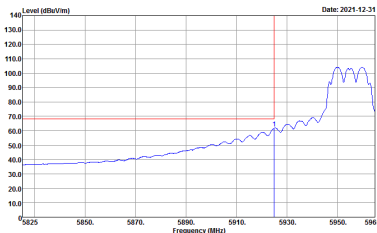


## Appendix C. Radiated Spurious Emission

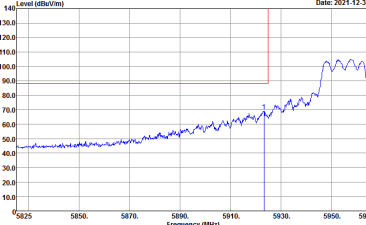
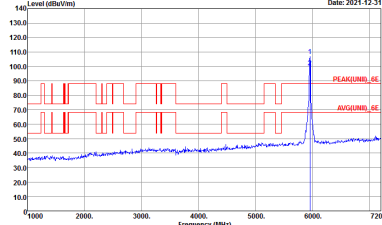
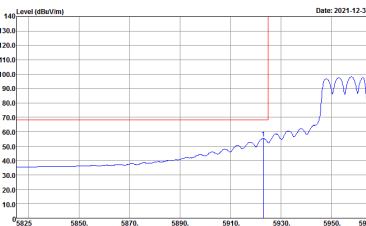
|                 |                                       |                     |               |
|-----------------|---------------------------------------|---------------------|---------------|
| Test Engineer : | Leo Lee, Mancy Chou, and Bigshow Wang | Temperature :       | 22.1 ~ 23.1°C |
|                 |                                       | Relative Humidity : | 55.0~60.0%    |

### Band 5 - 5925~6425MHz

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

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                            |                                                                                                                                                                                                                            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH01 5955MHz                                                                                                                                                                                                          |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                                 |



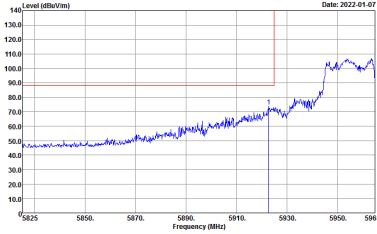
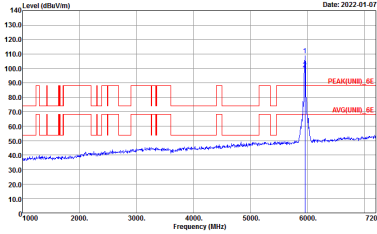
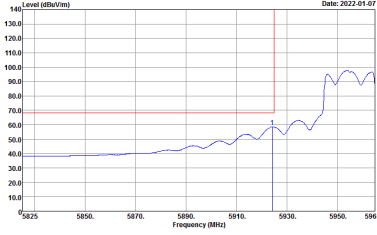
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH01 5955MHz                                                                                                                                                                                                                  |                                                                                                                                                                                                                                    |
| 9+8  | Vertical                                                                                                                                                                                                                              | Fundamental                                                                                                                                                                                                                        |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>  | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank                                                                                                                                                                                                                         |



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

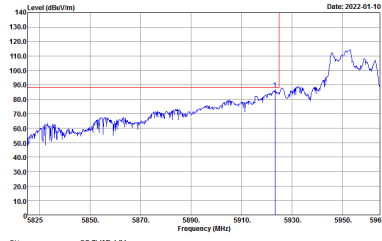
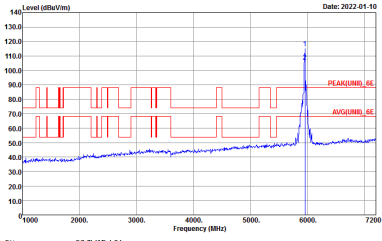
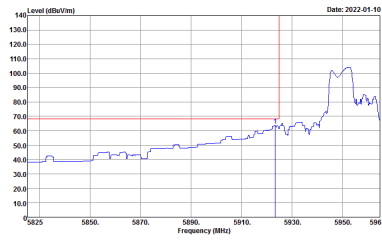
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                          |                                                                                                                                          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH01 5955MHz                                                                                                             |                                                                                                                                          |
| 9+8  | Horizontal                                                                                                                                  | Fundamental                                                                                                                              |
| Peak | <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | Left blank                                                                                                                               |



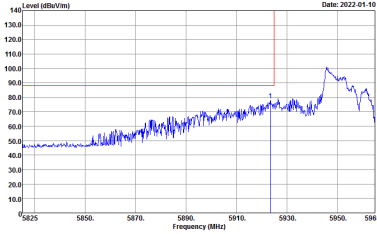
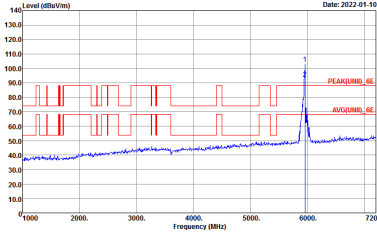
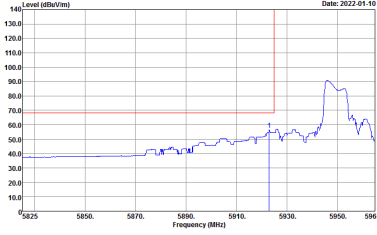
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH01 5955MHz                                                                                                                                                                                                       |                                                                                                                                                                                                                                    |
| 9+8  | Vertical                                                                                                                                                                                                                              | Fundamental                                                                                                                                                                                                                        |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>  | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank                                                                                                                                                                                                                         |



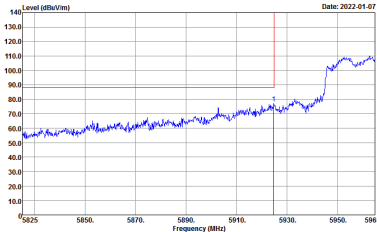
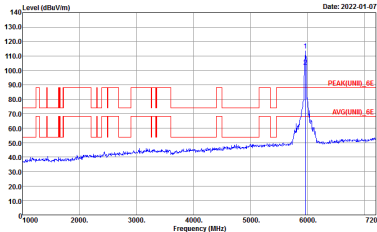
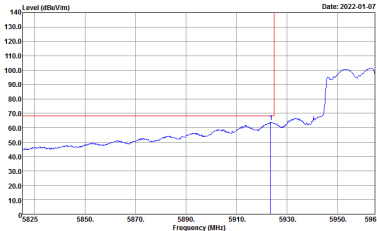
**Band 5 5925~6425MHz**  
**WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                                                |                                                                                                                                                                                                                                                 |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Partial 106/53 CH01 5955MHz                                                                                                                                                                                                         |                                                                                                                                                                                                                                                 |
| 9+8  | Horizontal                                                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Date: 2022-01-10</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br/>Date: 2022-01-10</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br/>Date: 2022-01-10</p>   | Left blank                                                                                                                                                                                                                                      |



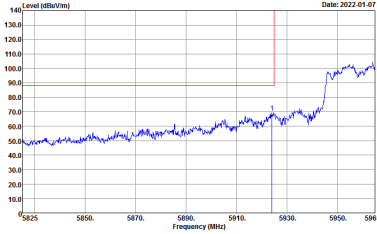
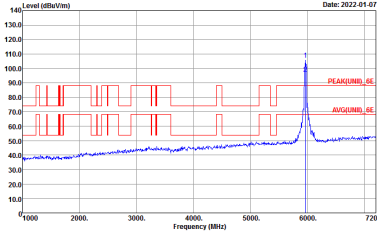
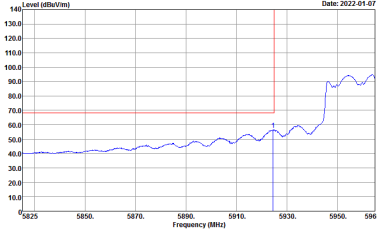
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Partial 106/53 CH01 5955MHz                                                                                                                                                                                             |                                                                                                                                                                                                                                    |
| 9+8  | Vertical                                                                                                                                                                                                                              | Fundamental                                                                                                                                                                                                                        |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>  | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | 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                                                                                                                                                                                                 |                                                                                                                                                                                                                               |
| 9+8         | Horizontal                                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                                   |
| <b>Peak</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| <b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : AVG_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | <b>Left blank</b>                                                                                                                                                                                                             |

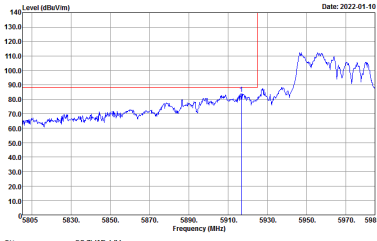
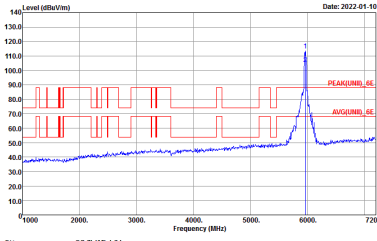
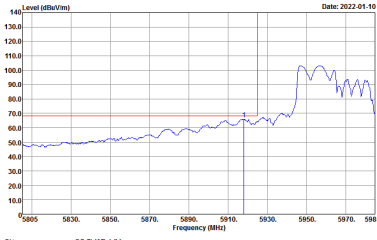




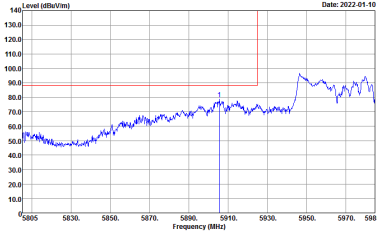
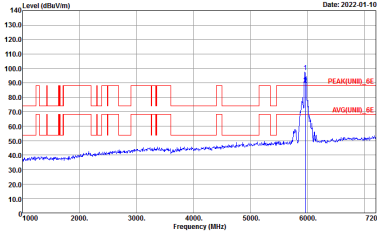
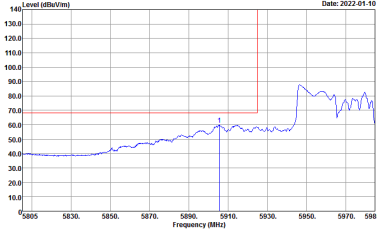
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE40 Full CH03 5965MHz                                                                                                                                                                                            |                                                                                                                                                                                                                          |
| 9+8  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                               |



Band 5 5925~6425MHz  
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

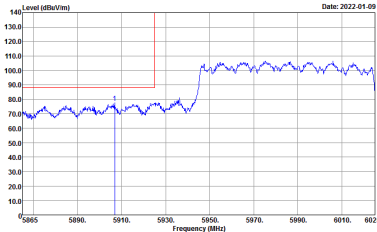
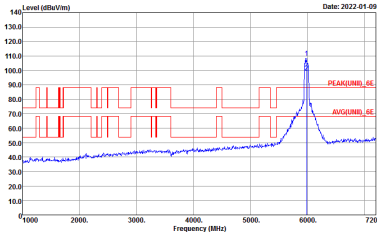
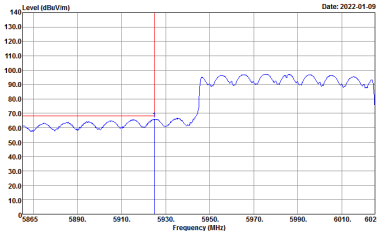
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                            |                                                                                                                                                                                                                             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE40 Partial 242/61 CH03 5965MHz                                                                                                                                                                                     |                                                                                                                                                                                                                             |
| 9+8  | Horizontal                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                  |



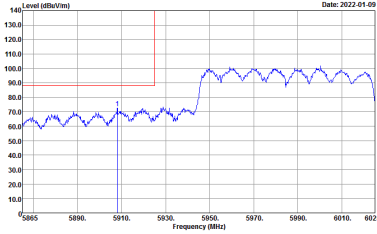
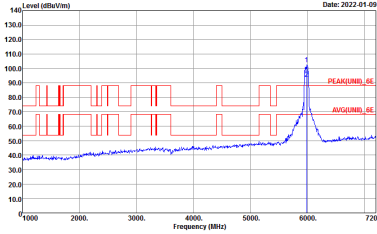
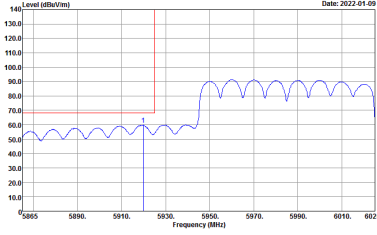
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE40 Partial 242/61 CH03 5965MHz                                                                                                                                                                                  |                                                                                                                                                                                                                          |
| 9+8  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>    | Left blank                                                                                                                                                                                                               |



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

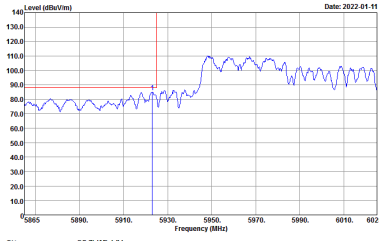
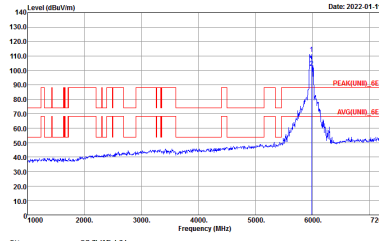
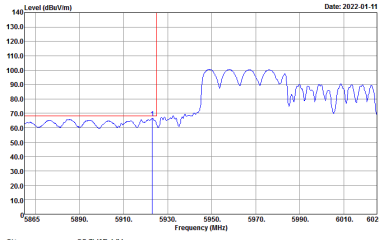
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Full CH07 5985MHz                                                                                                                                                                                              |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CHI5-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CHI5-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CHI5-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |



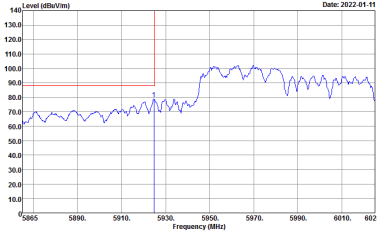
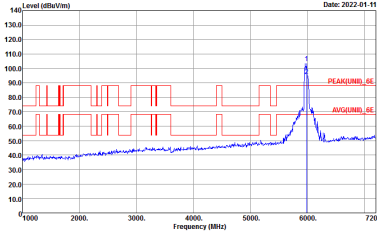
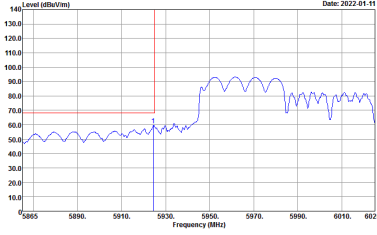
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Full CH07 5985MHz                                                                                                                                                                                            |                                                                                                                                                                                                                          |
| 9+8  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                               |



**Band 5 5925~6425MHz**  
**WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)**

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                            |                                                                                                                                                                                                                             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Partial 484/65 CH07 5985MHz                                                                                                                                                                                     |                                                                                                                                                                                                                             |
| 9+8  | Horizontal                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                  |

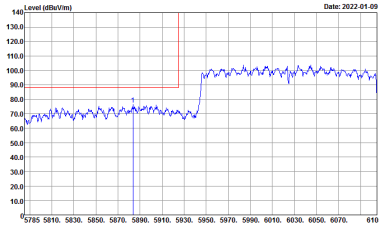
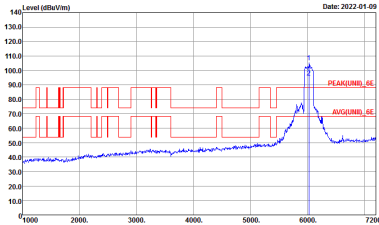
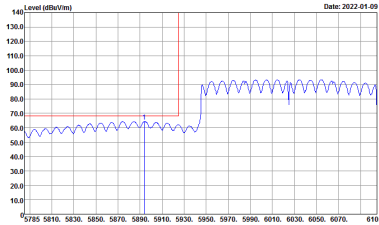


| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Partial 484/65 CH07 5985MHz                                                                                                                                                                                             |                                                                                                                                                                                                                                    |
| 9+8  | Vertical                                                                                                                                                                                                                              | Fundamental                                                                                                                                                                                                                        |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>  | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank                                                                                                                                                                                                                         |



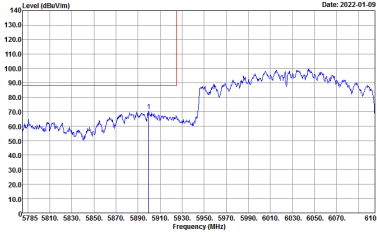
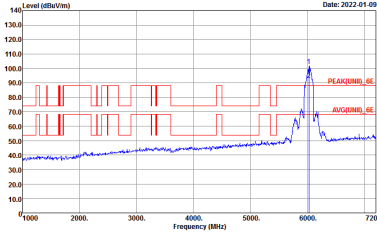
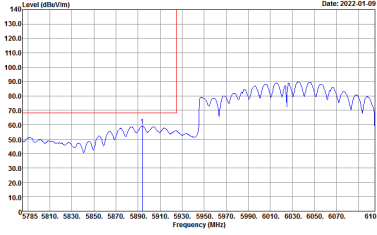
## Band 5 5925~6425MHz

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

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Full CH15 6025MHz                                                                                                                                                                                             |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |

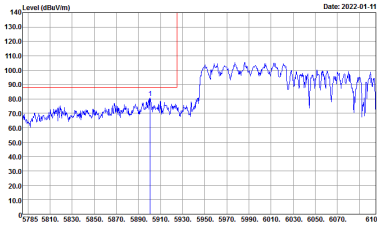
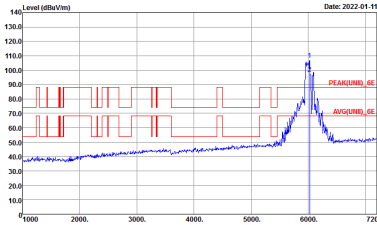
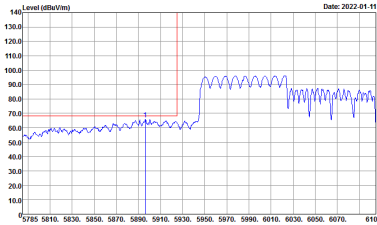




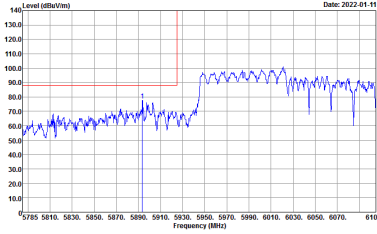
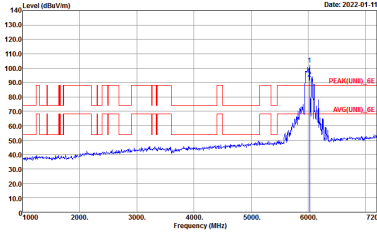
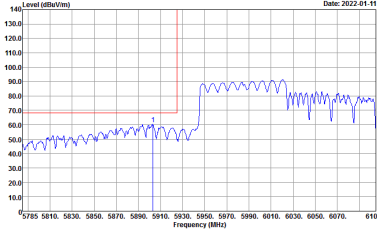
| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                          |                                                                                                                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Full CH15 6025MHz                                                                                                                                                                                            |                                                                                                                                                                                                                          |
| 9+8  | Vertical                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                               |



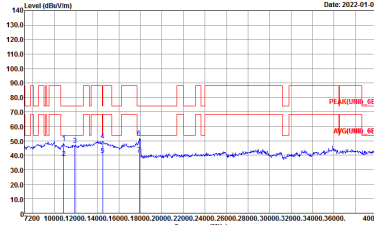
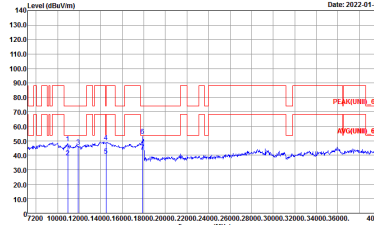
Band 5 5925~6425MHz  
WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Partial 996/67 CH15 6025MHz                                                                                                                                                                                   |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>    | Left blank                                                                                                                                                                                                                 |



| WIFI | Band 5 5925~6425MHz Band Edge @ 3m                                                                                                                                                                                          |                                                                                                                                                                                                                           |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Partial 996/67 CH15 6025MHz                                                                                                                                                                                  |                                                                                                                                                                                                                           |
| 9+8  | Vertical                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                               |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT), 6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT), 6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT), 6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                |

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

| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                          |                                                                                                                                                                           |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH01 5955MHz                                                                                                                                                       |                                                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                                                 | Vertical                                                                                                                                                                  |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p> |



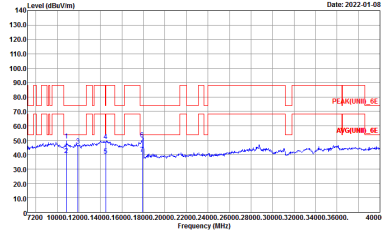
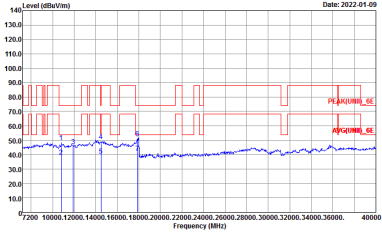
| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH49 6195MHz                                                                                                                                                  |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                    |                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH93 6415MHz                                                                                                                                                 |                                                                                                                                                                    |
| 9+8          | Horizontal                                                                                                                                                           | Vertical                                                                                                                                                           |
| Peak<br>Avg. | <div><p>Level (dBu/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



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

| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                          |                                                                                                                                                                           |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH01 5955MHz                                                                                                                                            |                                                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                                                 | Vertical                                                                                                                                                                  |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH49 6195MHz                                                                                                                                       |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |

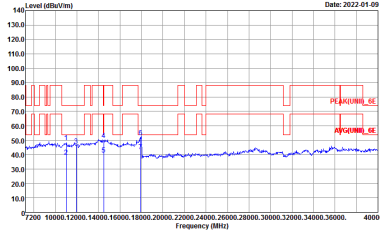
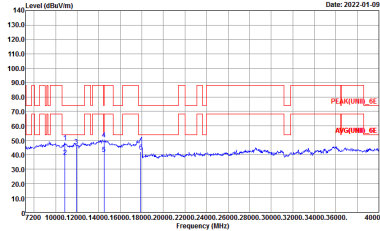




| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH93 6415MHz                                                                                                                                       |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



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

| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                          |                                                                                                                                                                           |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH03 5965MHz                                                                                                                                            |                                                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                                                 | Vertical                                                                                                                                                                  |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



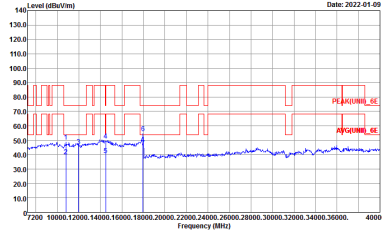
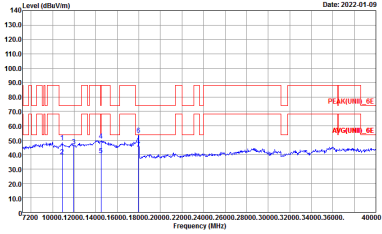
| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH51 6205MHz                                                                                                                                       |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH91 6405MHz                                                                                                                                       |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



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

| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                          |                                                                                                                                                                           |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH07 5985MHz                                                                                                                                            |                                                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                                                 | Vertical                                                                                                                                                                  |
| Peak<br>Avg. |  <p>Site : 03CHI5-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CHI5-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |

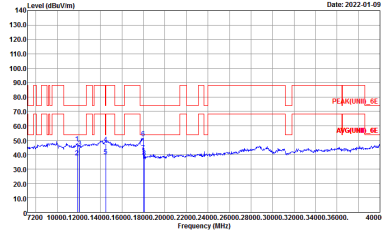
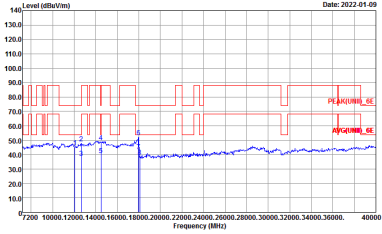


| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH55 6225MHz                                                                                                                                       |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH87 6385MHz                                                                                                                                       |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |

**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                                                                                                                                            |                                                                                                                                                                            |
| 9+8          | Horizontal                                                                                                                                                                  | Vertical                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |





| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                    |                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH47 6185MHz                                                                                                                                     |                                                                                                                                                                    |
| 9+8          | Horizontal                                                                                                                                                           | Vertical                                                                                                                                                           |
| Peak<br>Avg. | <div><p>Level (dBu/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p></div> |

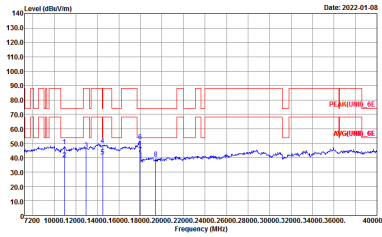
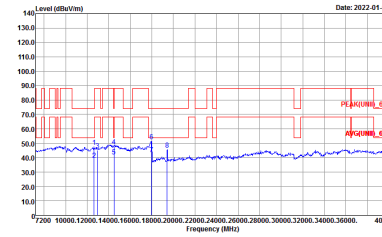


| WIFI         | Band 5 5925~6425MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH79 6345MHz                                                                                                                                      |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



Band 6 - 6425~6525MHz  
WIFI 802.11a (Harmonic @ 3m)

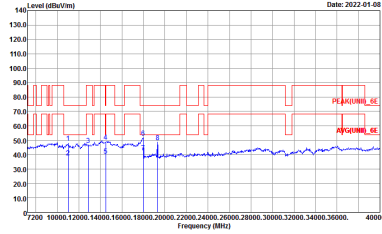
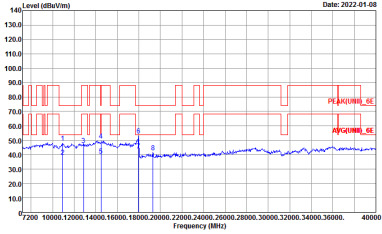
| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                               |                                                                                                                                               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH97 6435MHz                                                                                                                            |                                                                                                                                               |
| 9+8          | Horizontal                                                                                                                                      | Vertical                                                                                                                                      |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p></div> |

| WIFI                           | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                          |                                                                                                                                                                           |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11a CH105 6475MHz                                                                                                                                                      |                                                                                                                                                                           |
| 9+8                            | Horizontal                                                                                                                                                                 | Vertical                                                                                                                                                                  |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p> |



| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                    |                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH113 6615MHz                                                                                                                                                |                                                                                                                                                                    |
| 9+8          | Horizontal                                                                                                                                                           | Vertical                                                                                                                                                           |
| Peak<br>Avg. | <div><p>Level (dBu/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |

**Band 6 6425~6525MHz**  
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                           |                                                                                                                                                                            |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH97 6435MHz                                                                                                                                             |                                                                                                                                                                            |
| 9+8          | Horizontal                                                                                                                                                                  | Vertical                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



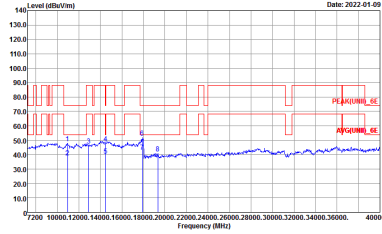
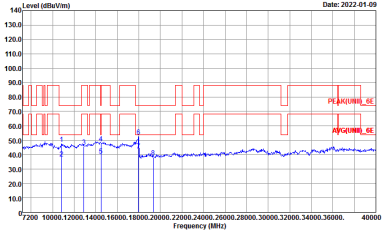
| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH105 6475MHz                                                                                                                                      |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH113 6515MHz                                                                                                                                      |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p></div> |



**Band 6 6425~6525MHz**  
**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                           |                                                                                                                                                                            |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH99 6445MHz                                                                                                                                             |                                                                                                                                                                            |
| 9+8          | Horizontal                                                                                                                                                                  | Vertical                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



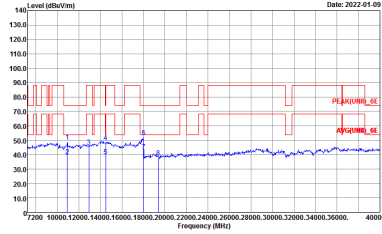
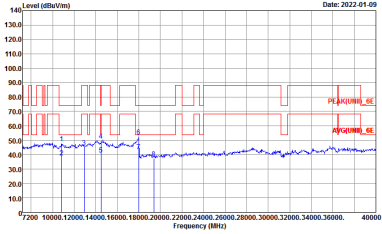
| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH107 6485MHz                                                                                                                                      |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH115 6525MHz                                                                                                                                      |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-09</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



Band 6 6425~6525MHz  
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

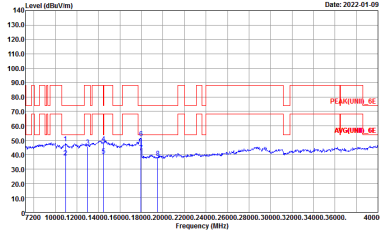
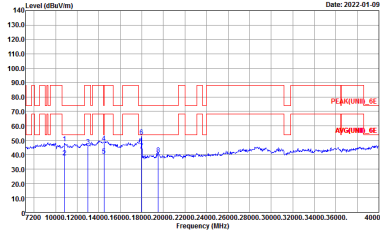
| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                          |                                                                                                                                                                           |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH103 6465MHz                                                                                                                                           |                                                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                                                 | Vertical                                                                                                                                                                  |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



|              |                                                                                                                                                |                                                                                                                                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                              |                                                                                                                                              |
| ANT          | 802.11ax HE80 Full CH119 6545MHz                                                                                                               |                                                                                                                                              |
| 9+8          | Horizontal                                                                                                                                     | Vertical                                                                                                                                     |
| Peak<br>Avg. | <div><p>Level (dBu/m)</p><p>Date: 2022-01-09</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-01-09</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |

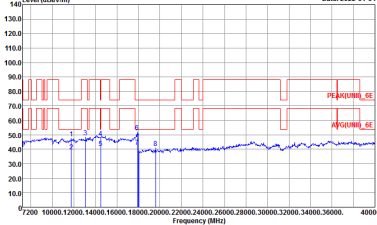
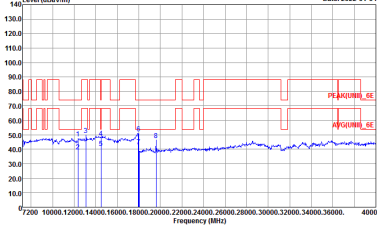


Band 6 6425~6525MHz  
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI         | Band 6 6425~6525MHz Harmonic @ 3m                                                                                                                                          |                                                                                                                                                                           |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH111 6505MHz                                                                                                                                          |                                                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                                                 | Vertical                                                                                                                                                                  |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



Band 7 - 6525~6875MHz  
WIFI 802.11a (Harmonic @ 3m)

| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                                                                      |                                                                                                                                                                                                                       |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH117 6535MHz                                                                                                                                                                                                  |                                                                                                                                                                                                                       |
| 9+8          | Horizontal                                                                                                                                                                                                             | Vertical                                                                                                                                                                                                              |
| Peak<br>Avg. | <p>Level (dBuV/m)</p> <p>Date: 2022-01-04</p>  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> | <p>Level (dBuV/m)</p> <p>Date: 2022-01-04</p>  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |



| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                   |                                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH149 6695MHz                                                                                                                                               |                                                                                                                                                                   |
| 9+8          | Horizontal                                                                                                                                                          | Vertical                                                                                                                                                          |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-04</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-04</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |



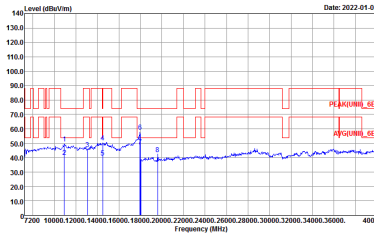
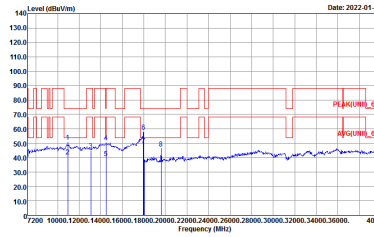


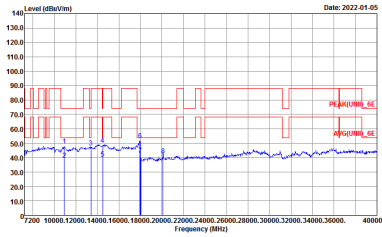
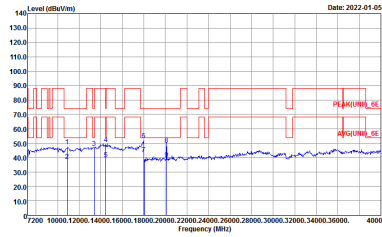
| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                           |                                                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH181 6855MHz                                                                                                                       |                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                  | Vertical                                                                                                                                  |
| Peak<br>Avg. | <div><p>Level (dBu/m)</p><p>Date: 2022-01-04</p><p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-01-04</p><p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |

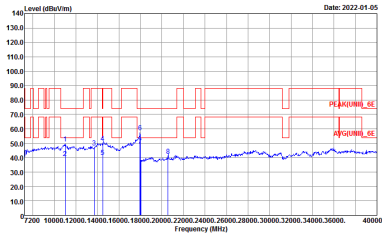
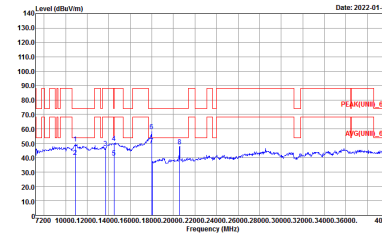


| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                   |                                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH185 6875MHz                                                                                                                                               |                                                                                                                                                                   |
| 9+8          | Horizontal                                                                                                                                                          | Vertical                                                                                                                                                          |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-05</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-05</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |

**Band 7 6525~6875MHz**  
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                         |                                                                                                                                                                          |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH117 6535MHz                                                                                                                                          |                                                                                                                                                                          |
| 9+8          | Horizontal                                                                                                                                                                | Vertical                                                                                                                                                                 |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |

| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                       |                                                                                                                                                                        |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH149 6695MHz                                                                                                                                        |                                                                                                                                                                        |
| 9+8          | Horizontal                                                                                                                                                              | Vertical                                                                                                                                                               |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 VERTICAL</p> |

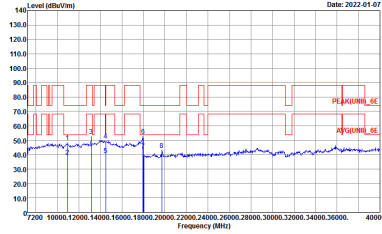
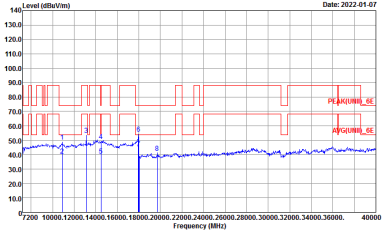
| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                        |                                                                                                                                                                         |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH181 6855MHz                                                                                                                                         |                                                                                                                                                                         |
| 9+8          | Horizontal                                                                                                                                                               | Vertical                                                                                                                                                                |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |



| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                   |                                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH185 6875MHz                                                                                                                                    |                                                                                                                                                                   |
| 9+8          | Horizontal                                                                                                                                                          | Vertical                                                                                                                                                          |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-05</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-05</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |



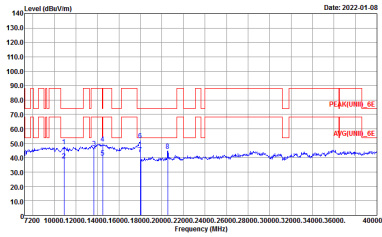
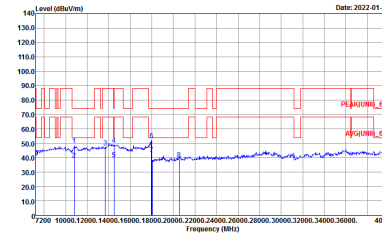
Band 7 6525~6875MHz  
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                        |                                                                                                                                                                         |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH123 6565MHz                                                                                                                                         |                                                                                                                                                                         |
| 9+8          | Horizontal                                                                                                                                                               | Vertical                                                                                                                                                                |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |



| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                  |                                                                                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH147 6685MHz                                                                                                                                   |                                                                                                                                                                  |
| 9+8          | Horizontal                                                                                                                                                         | Vertical                                                                                                                                                         |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |



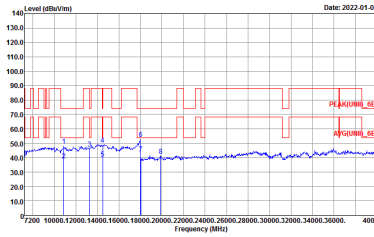
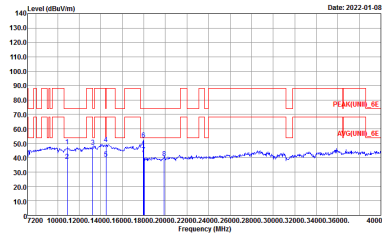
| WIFI                           | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                        |                                                                                                                                                                         |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE40 Full CH179 6845MHz                                                                                                                                         |                                                                                                                                                                         |
| 9+8                            | Horizontal                                                                                                                                                               | Vertical                                                                                                                                                                |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |



| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                   |                                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH187 6885MHz                                                                                                                                    |                                                                                                                                                                   |
| 9+8          | Horizontal                                                                                                                                                          | Vertical                                                                                                                                                          |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |



**Band 7 6525~6875MHz**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                                  |                                                                                                                                                                                   |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH135 6625MHz                                                                                                                                                   |                                                                                                                                                                                   |
| 9+8          | Horizontal                                                                                                                                                                         | Vertical                                                                                                                                                                          |
| Peak<br>Avg. | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |



| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                  |                                                                                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH151 6705MHz                                                                                                                                   |                                                                                                                                                                  |
| 9+8          | Horizontal                                                                                                                                                         | Vertical                                                                                                                                                         |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |

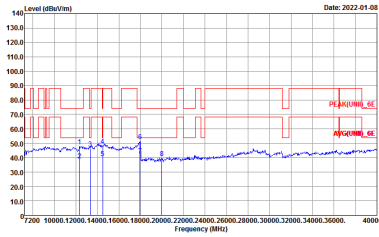
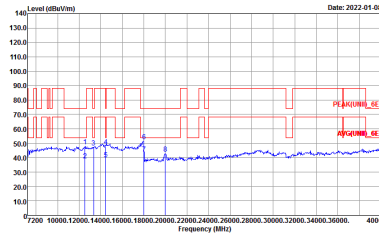


| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH167 6785MHz                                                                                                                                      |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p></div> |



| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH183 6865MHz                                                                                                                                      |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |

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

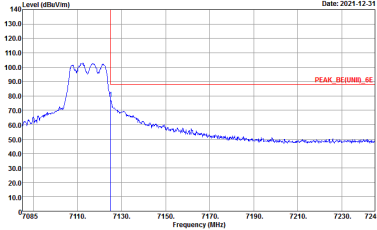
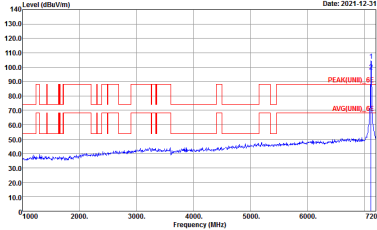
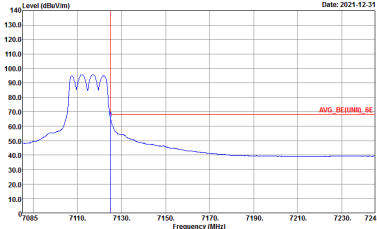
| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                           |                                                                                                                                                                            |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH143 6665MHz                                                                                                                                           |                                                                                                                                                                            |
| 9+8          | Horizontal                                                                                                                                                                  | Vertical                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



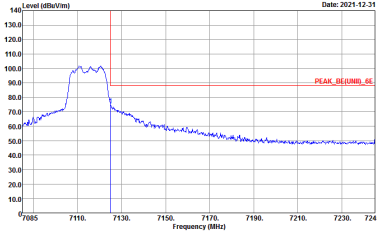
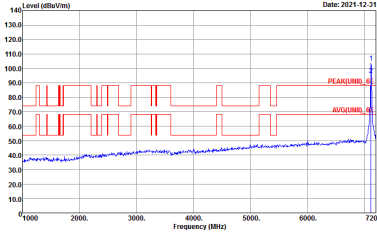
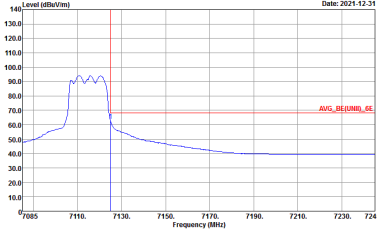
| WIFI         | Band 7 6525~6875MHz Harmonic @ 3m                                                                                                                                    |                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH175 6825MHz                                                                                                                                    |                                                                                                                                                                    |
| 9+8          | Horizontal                                                                                                                                                           | Vertical                                                                                                                                                           |
| Peak<br>Avg. | <div><p>Level (dBu/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p></div> |



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

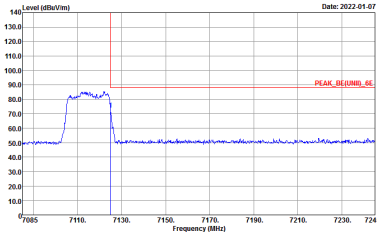
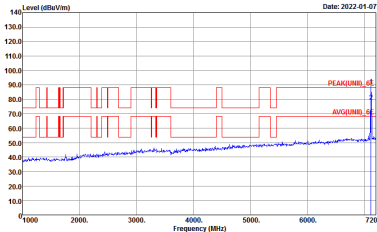
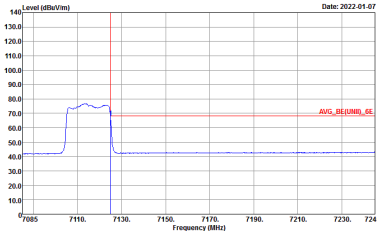
| WIFI        | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT         | 802.11a CH233 7115MHz                                                                                                                                                                                                          |                                                                                                                                                                                                                              |
| 9+8         | Horizontal                                                                                                                                                                                                                     | Fundamental                                                                                                                                                                                                                  |
| <b>Peak</b> |  <p>Site : 03CHI5-HY<br/> Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CHI5-HY<br/> Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|             |  <p>Site : 03CHI5-HY<br/> Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | <p align="center"><b>Left blank</b></p>                                                                                                                                                                                      |



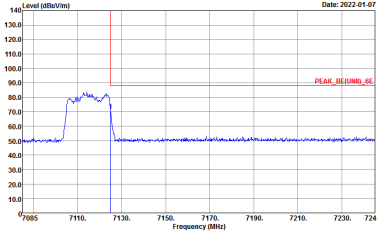
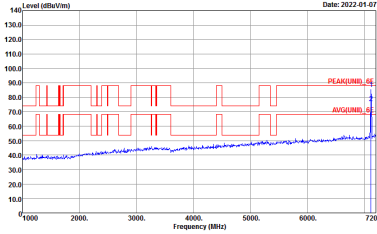
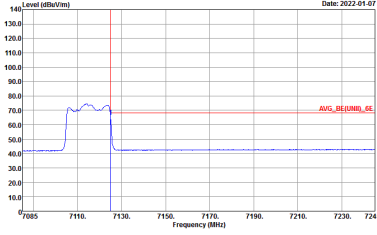
| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH233 7115MHz                                                                                                                                                                                                                 |                                                                                                                                                                                                                                    |
| 9+8  | Vertical                                                                                                                                                                                                                              | Fundamental                                                                                                                                                                                                                        |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div>  | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 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                                                                                                                                                                                             |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CHI5-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CHI5-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CHI5-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |

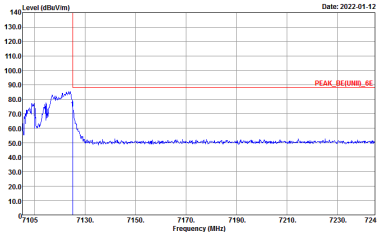
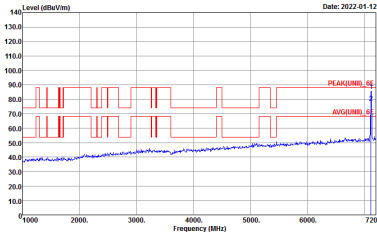
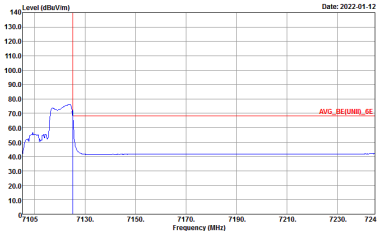


| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH233 7115MHz                                                                                                                                                                                           |                                                                                                                                                                                                                          |
| 9+8  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                               |

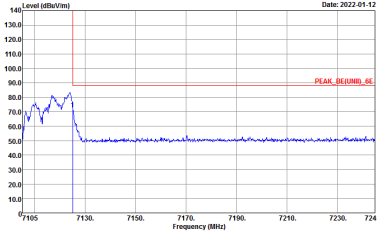
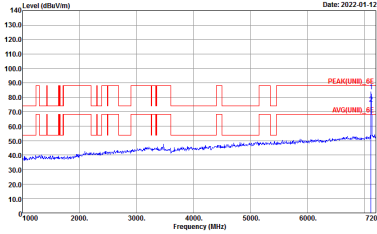
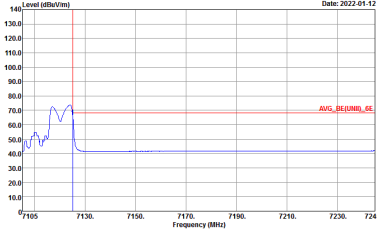


## Band 8 - 6875~7125MHz

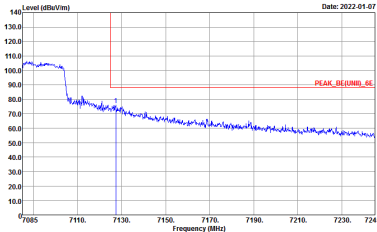
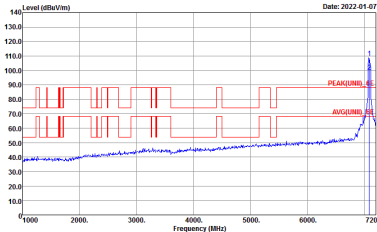
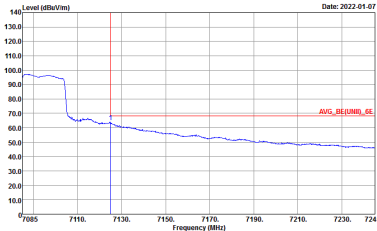
## WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Partial 106/54 CH233 7115MHz                                                                                                                                                                                   |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CHI5-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CHI5-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CHI5-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |

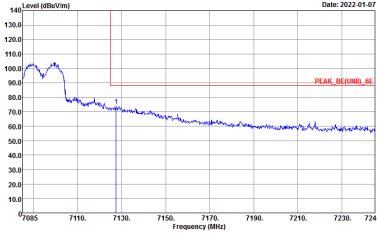
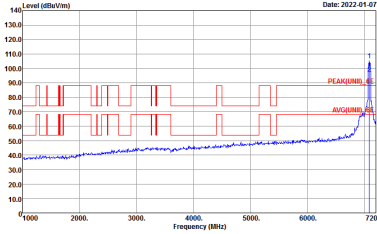
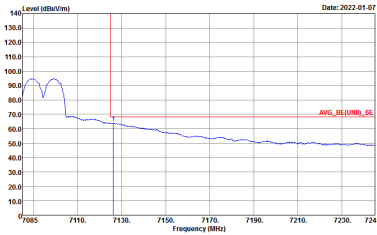


| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                          |                                                                                                                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Partial 106/54 CH233 7115MHz                                                                                                                                                                                  |                                                                                                                                                                                                                          |
| 9+8  | Vertical                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 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                                                                                                                                                                                                |                                                                                                                                                                                                                               |
| 9+8  | Horizontal                                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CHI5-HY<br/> Condition : PEAK_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CHI5-HY<br/> Condition : PEAK(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CHI5-HY<br/> Condition : AVG_BE(UNIT1)_6E 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                    |



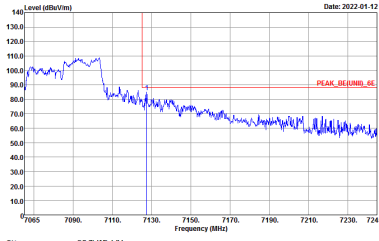
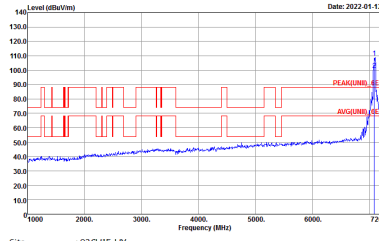
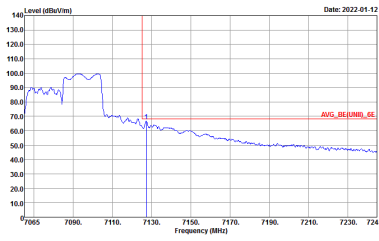
| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                             |                                                                                               |
|------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE40 Full CH227 7085MHz                                                               |                                                                                               |
| 9+8  | Vertical                                                                                       | Fundamental                                                                                   |
| Peak | <div></div>   | <div></div> |
| Avg. | <div></div> | Left blank                                                                                    |





## Band 8 - 6875~7125MHz

## WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

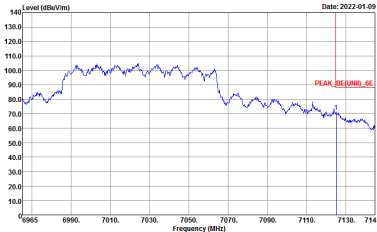
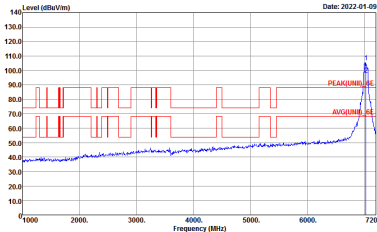
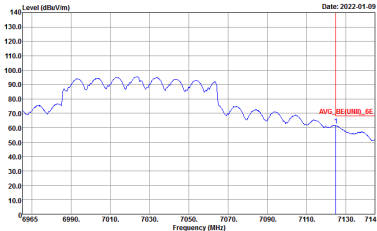
| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE40 Partial 242/62 CH227 7085MHz                                                                                                                                                                                   |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |



| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                       |                                                                                                                                       |
|------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE40 Partial 242/62 CH227 7085MHz                                                                                               |                                                                                                                                       |
| 9+8  | Vertical                                                                                                                                 | Fundamental                                                                                                                           |
| Peak | <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>      | Left blank                                                                                                                            |



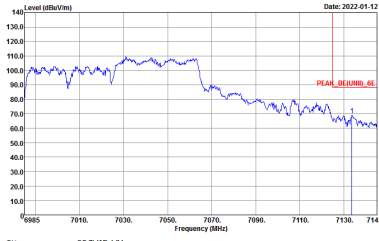
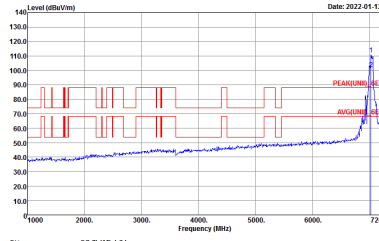
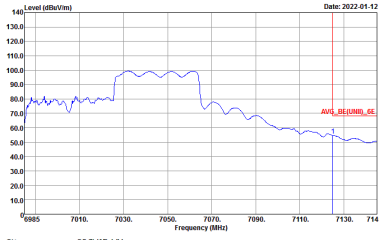
Band 8 - 6875~7125MHz  
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Full CH215 7025MHz                                                                                                                                                                                             |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CHI5-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CHI5-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CHI5-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |



| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                       |                                                                                                                                       |
|------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Full CH215 7025MHz                                                                                                         |                                                                                                                                       |
| 9+8  | Vertical                                                                                                                                 | Fundamental                                                                                                                           |
| Peak | <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      | <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>      | Left blank                                                                                                                            |

**Band 8 - 6875~7125MHz****WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)**

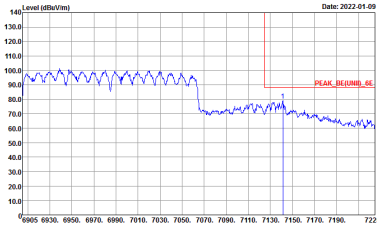
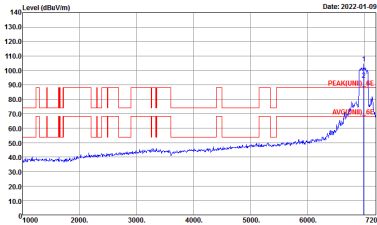
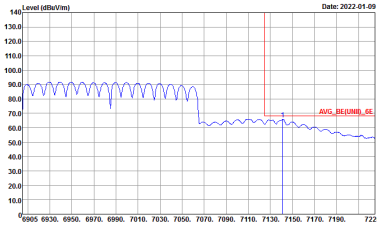
| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Partial 484/66 CH215 7025MHz                                                                                                                                                                                   |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |



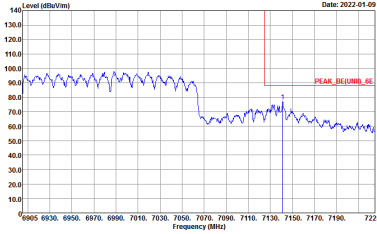
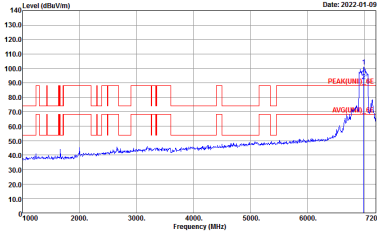
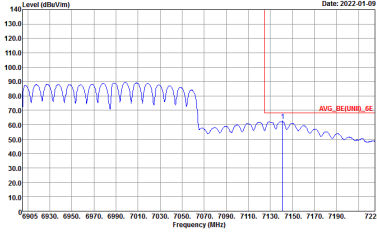
| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                       |                                                                                                                                       |
|------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE80 Partial 484/66 CH215 7025MHz                                                                                               |                                                                                                                                       |
| 9+8  | Vertical                                                                                                                                 | Fundamental                                                                                                                           |
| Peak | <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      | <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  | Left blank                                                                                                                            |



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

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Full CH207 6985MHz                                                                                                                                                                                            |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |

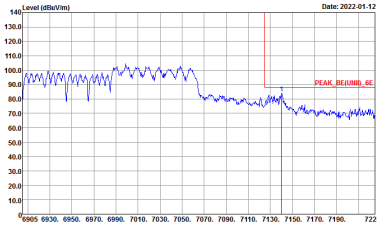
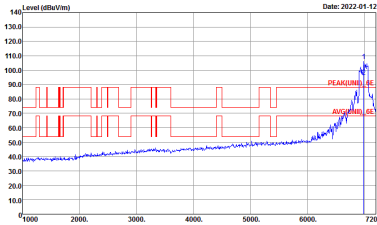
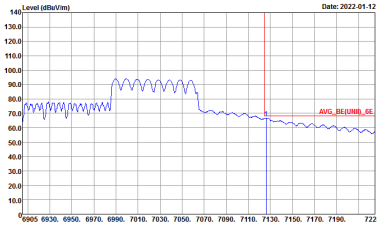


| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                          |                                                                                                                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Full CH207 6985MHz                                                                                                                                                                                           |                                                                                                                                                                                                                          |
| 9+8  | Vertical                                                                                                                                                                                                                    | Fundamental                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank                                                                                                                                                                                                               |

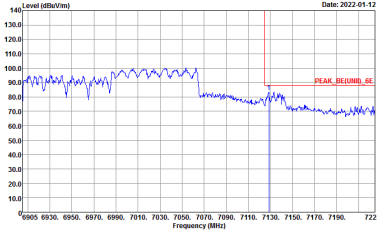
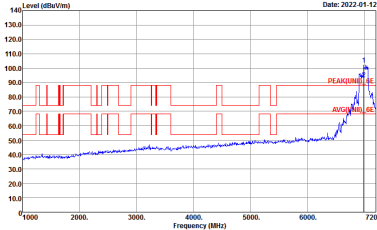
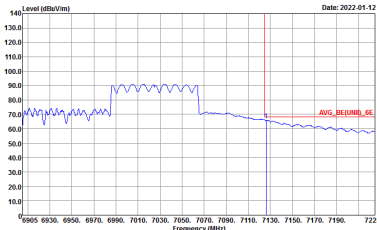




**Band 8 - 6875~7125MHz**  
**WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)**

| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Partial 996/68 CH207 6985MHz                                                                                                                                                                                  |                                                                                                                                                                                                                            |
| 9+8  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                                 |



| WIFI | Band 8 6875~7125MHz Band Edge @ 3m                                                                                                                                                                                         |                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE160 Partial 996/68 CH207 6985MHz                                                                                                                                                                                |                                                                                                                                                                                                                          |
| 9+8  | Vertical                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                              |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNIT)_6E 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                               |



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

| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                             |                                                                                                                                             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH189 6895MHz                                                                                                                         |                                                                                                                                             |
| 9+8          | Horizontal                                                                                                                                    | Vertical                                                                                                                                    |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-05</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-05</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |

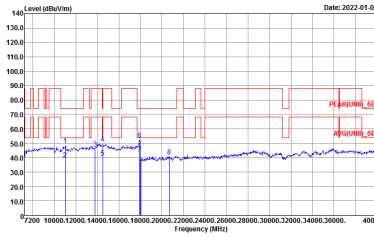
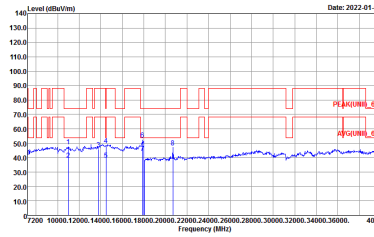


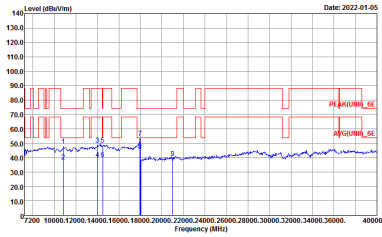
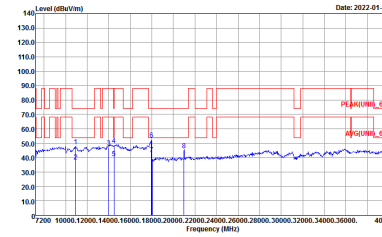
| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                            |                                                                                                                                            |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH209 6995MHz                                                                                                                        |                                                                                                                                            |
| 9+8          | Horizontal                                                                                                                                   | Vertical                                                                                                                                   |
| Peak<br>Avg. | <div><p>Level (dBu/m)</p><p>Date: 2022-01-05</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-01-05</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |

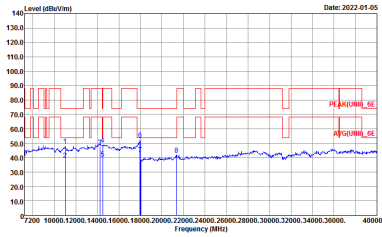
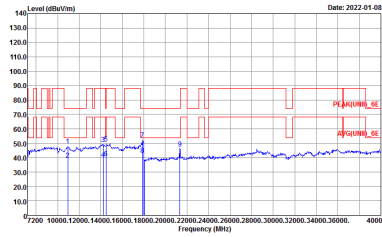


| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                              |                                                                                                                                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH233 7115MHz                                                                                                                          |                                                                                                                                              |
| 9+8          | Horizontal                                                                                                                                     | Vertical                                                                                                                                     |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-05</p><p>Site : 03CHI5-HY<br/>Condition : PEAK(UINII)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-05</p><p>Site : 03CHI5-HY<br/>Condition : PEAK(UINII)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |

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

| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                                                         |                                                                                                                                                                          |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH189 6895MHz                                                                                                                                          |                                                                                                                                                                          |
| 9+8          | Horizontal                                                                                                                                                                | Vertical                                                                                                                                                                 |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |

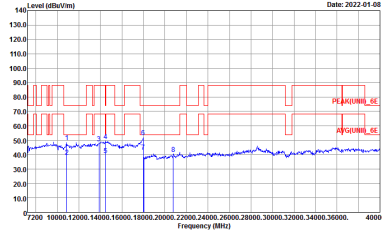
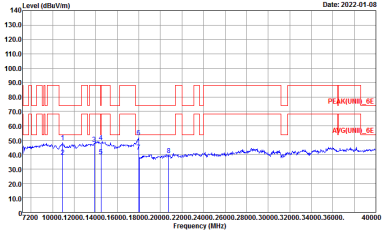
| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                                                        |                                                                                                                                                                         |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH209 6995MHz                                                                                                                                         |                                                                                                                                                                         |
| 9+8          | Horizontal                                                                                                                                                               | Vertical                                                                                                                                                                |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |

| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                                                       |                                                                                                                                                                        |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH233 7115MHz                                                                                                                                        |                                                                                                                                                                        |
| 9+8          | Horizontal                                                                                                                                                              | Vertical                                                                                                                                                               |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNI)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNI)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |





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

| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                                                        |                                                                                                                                                                         |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH195 6925MHz                                                                                                                                         |                                                                                                                                                                         |
| 9+8          | Horizontal                                                                                                                                                               | Vertical                                                                                                                                                                |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 1m SHF ANT_9170_00993 VERTICAL</p> |

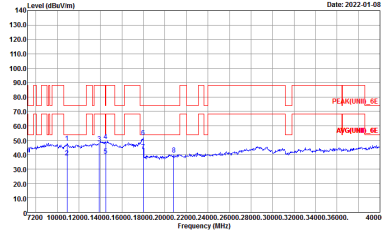
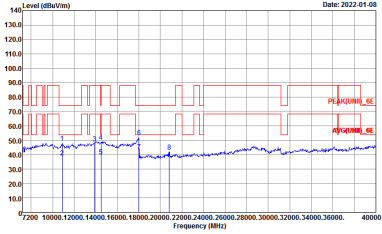


| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                              |                                                                                                                                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH211 7005MHz                                                                                                               |                                                                                                                                              |
| 9+8          | Horizontal                                                                                                                                     | Vertical                                                                                                                                     |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UINII)_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UINII)_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |



| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                           |                                                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH227 7085MHz                                                                                                            |                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                  | Vertical                                                                                                                                  |
| Peak<br>Avg. | <div><p>Level (dBu/m)</p><p>Date: 2022-01-08</p><p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 HORIZONTAL</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-01-08</p><p>Site : 03CH15-HY<br/>Condition : PEAK[UNI]_6E 1m SHF ANT_9170_00993 VERTICAL</p></div> |

**Band 8 - 6875~7125MHz**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

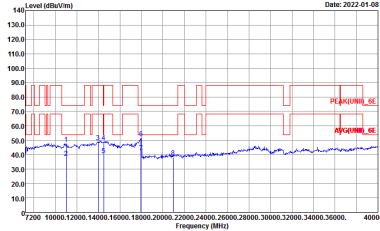
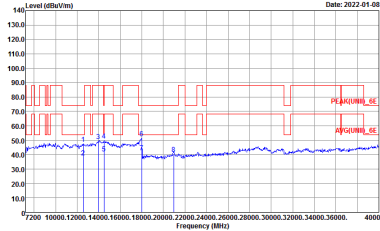
| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                                                           |                                                                                                                                                                            |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH199 6945MHz                                                                                                                                            |                                                                                                                                                                            |
| 9+8          | Horizontal                                                                                                                                                                  | Vertical                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                                                     |                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH215 7025MHz                                                                                                                                      |                                                                                                                                                                     |
| 9+8          | Horizontal                                                                                                                                                            | Vertical                                                                                                                                                            |
| Peak<br>Avg. | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 HORIZONTAL</p></div> | <div><p>Level (dBuV/m)</p><p>Date: 2022-01-08</p><p>Frequency (MHz)</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNIT)_6E 3m 90120_02038_20210804 VERTICAL</p></div> |



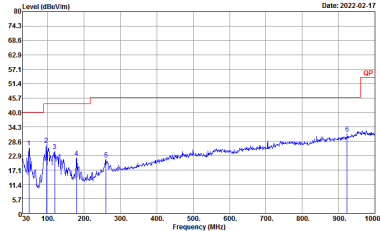
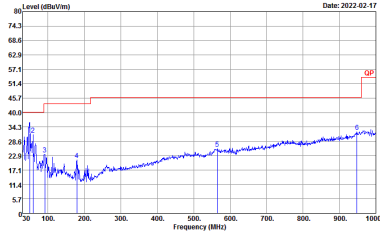
Band 8 - 6875~7125MHz  
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

| WIFI         | Band 8 6875~7125MHz Harmonic @ 3m                                                                                                                                          |                                                                                                                                                                           |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE160 Full CH207 6985MHz                                                                                                                                          |                                                                                                                                                                           |
| 9+8          | Horizontal                                                                                                                                                                 | Vertical                                                                                                                                                                  |
| Peak<br>Avg. |  <p>Site : 03CHI5-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 HORIZONTAL</p> |  <p>Site : 03CHI5-HY<br/>Condition : PEAK(UNIT)_6E 3m 9D120_02038_20210804 VERTICAL</p> |



## Emission below 1GHz

## 5GHz WIFI 802.11ax HE20 Partial 106 (LF)

| WIFI         | 5GHz WIFI                                                                                                                                                       |                                                                                                                                                                |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | WIFI 802.11ax HE20 Partial 106 LF                                                                                                                               |                                                                                                                                                                |
| 9+8          | Horizontal                                                                                                                                                      | Vertical                                                                                                                                                       |
| QP /<br>Peak |  <p>Site : 03CH15-HY<br/>Condition : QP 3m BIL06_41912_20220206 HORIZONTAL</p> |  <p>Site : 03CH15-HY<br/>Condition : QP 3m BIL06_41912_20220206 VERTICAL</p> |
|              |                                                                                                                                                                 |                                                                                                                                                                |



## Appendix D. Duty Cycle Plots

| Antenna | Band                        | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|-----------------------------|---------------|-------|----------|-------------|
| 9+8     | 802.11a                     | 99.00         | -     | -        | 10Hz        |
| 9+8     | 6GHz 802.11ax HE20 Full RU  | 99.47         | -     | -        | 10Hz        |
| 9+8     | 6GHz 802.11ax HE20 106 RU   | 99.37         | -     | -        | 10Hz        |
| 9+8     | 6GHz 802.11ax HE40 Full RU  | 97.10         | 1872  | 0.53     | 1kHz        |
| 9+8     | 6GHz 802.11ax HE40 242 RU   | 97.40         | 2696  | 0.37     | 1kHz        |
| 9+8     | 6GHz 802.11ax HE80 Full RU  | 96.88         | 1860  | 0.54     | 1kHz        |
| 9+8     | 6GHz 802.11ax HE80 484 RU   | 98.21         | -     | -        | 10Hz        |
| 9+8     | 6GHz 802.11ax HE160 Full RU | 99.10         | -     | -        | 10Hz        |
| 9+8     | 6GHz 802.11ax HE160 996 RU  | 98.55         | -     | -        | 10Hz        |

## MIMO &lt;Ant. 9+8&gt;

