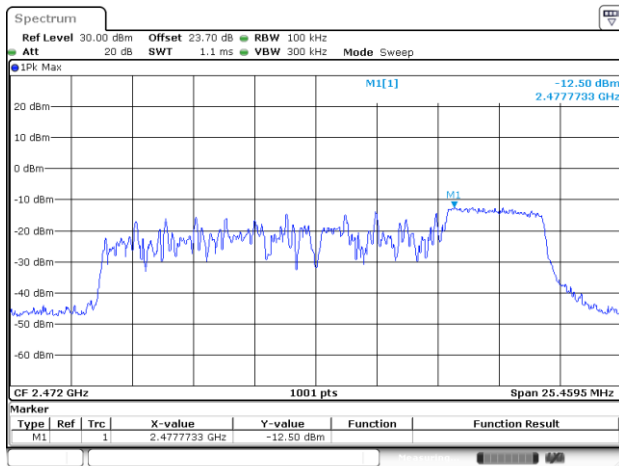




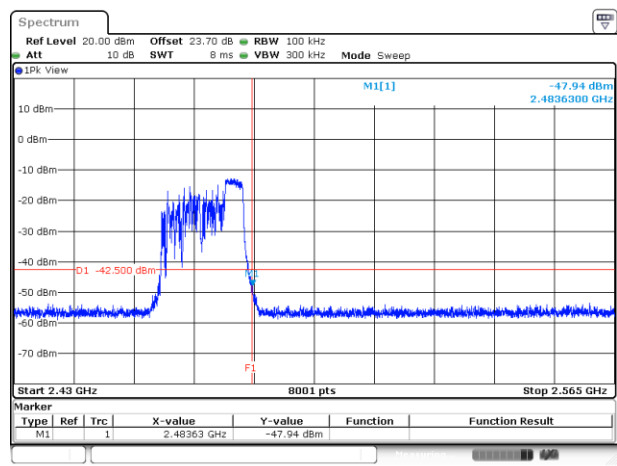
Test Mode : 802.11ax HE20\_52RU

Test Channel : 13

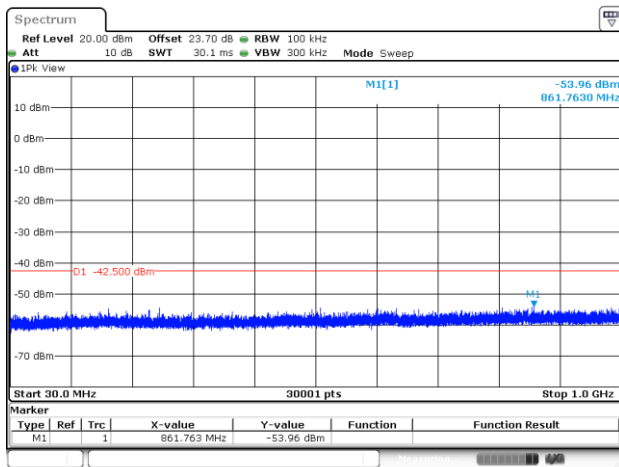
## 100kHz PSD reference Level



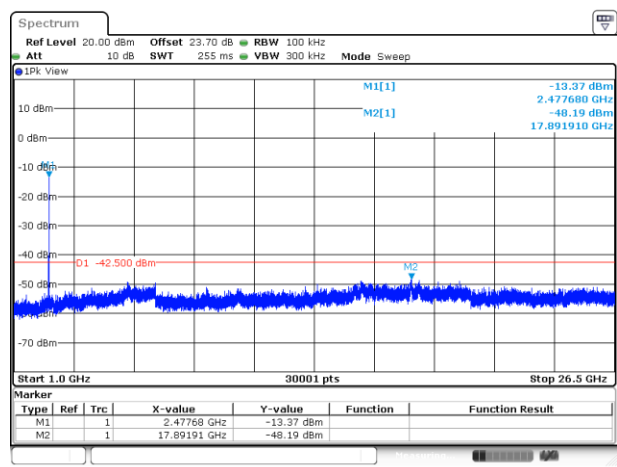
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

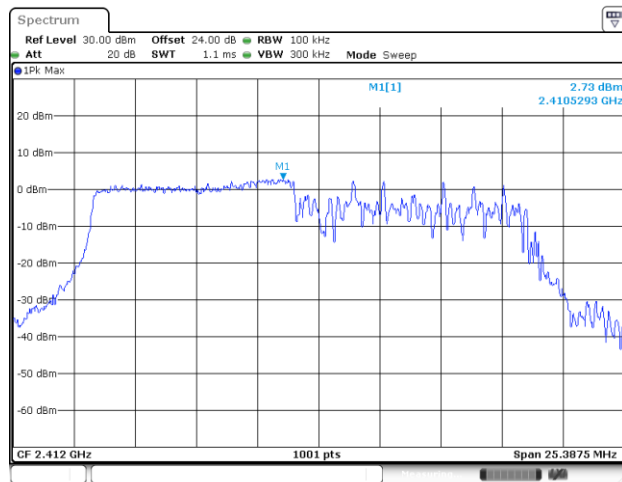




Test Mode : 802.11ax HE20\_106RU

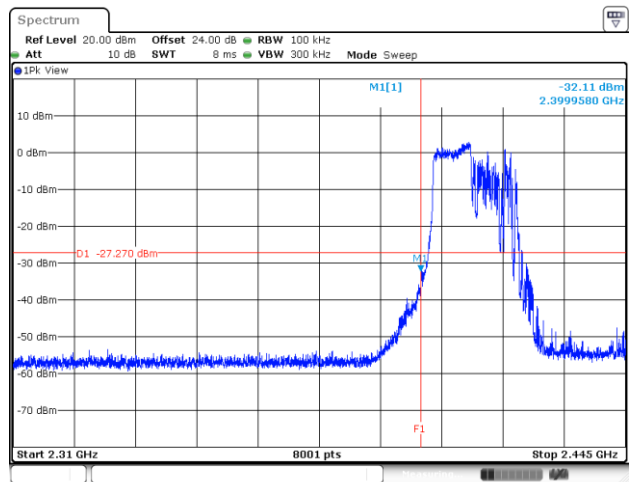
Test Channel : 01

## 100kHz PSD reference Level



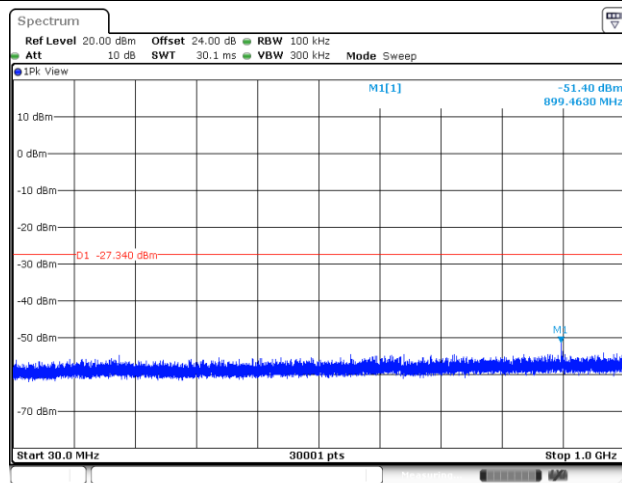
Date: 23.MAY.2024 00:29:14

## Low Channel Plot



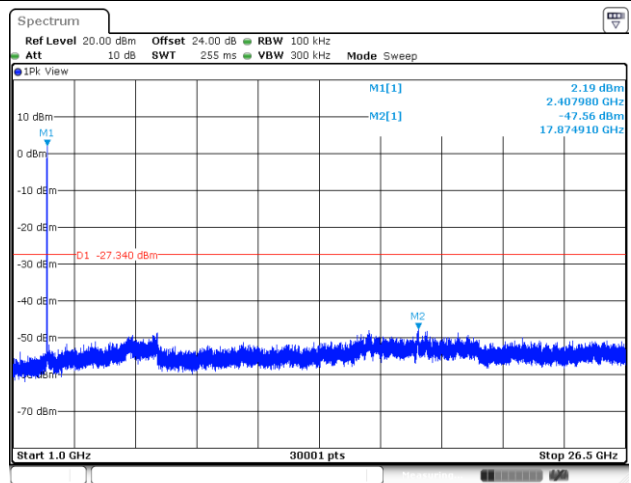
Date: 23.MAY.2024 00:30:13

## Spurious Emission 30MHz~1GHz



Date: 23.MAY.2024 00:29:30

## Spurious Emission 1GHz~26.5GHz



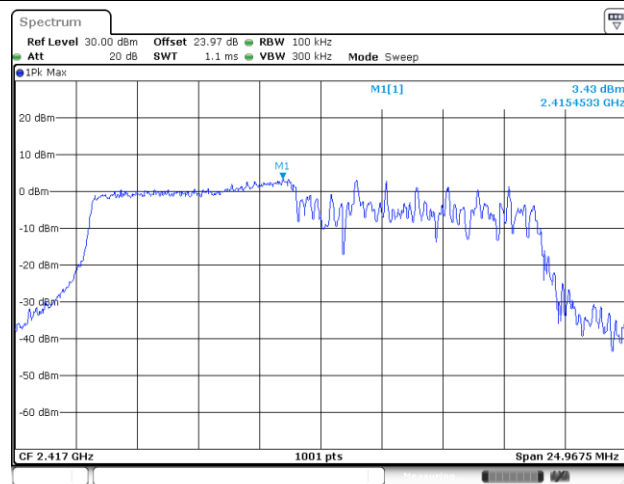
Date: 23.MAY.2024 00:29:46



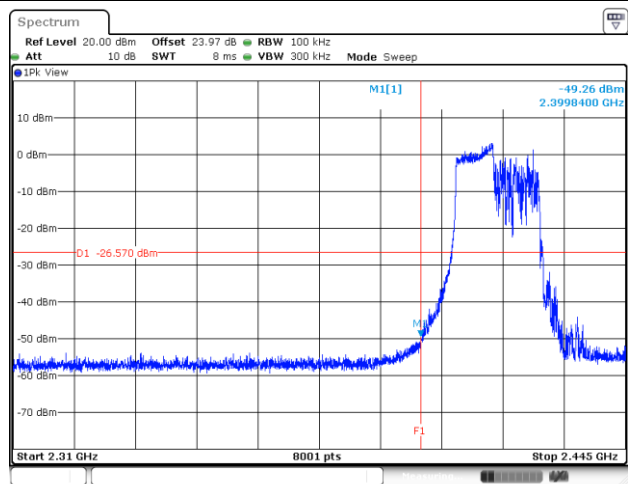
Test Mode : 802.11ax HE20\_106RU

Test Channel : 02

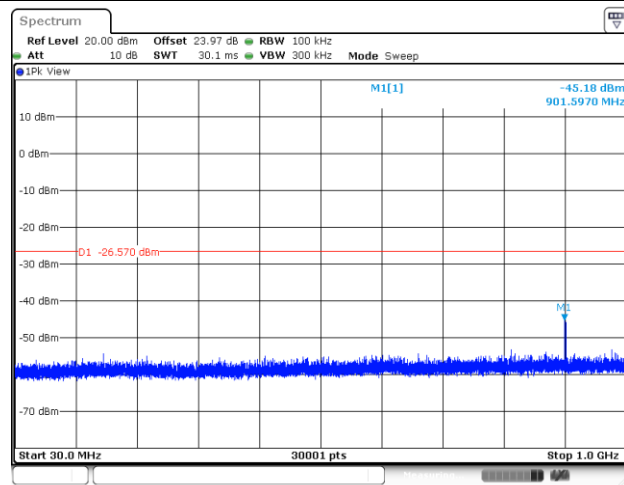
## 100kHz PSD reference Level



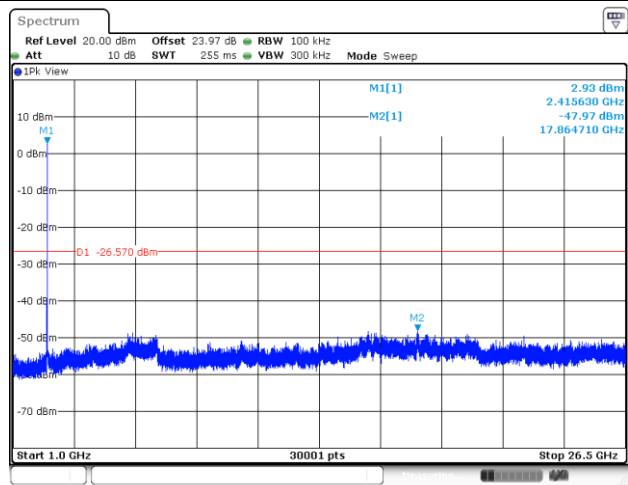
## Low Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

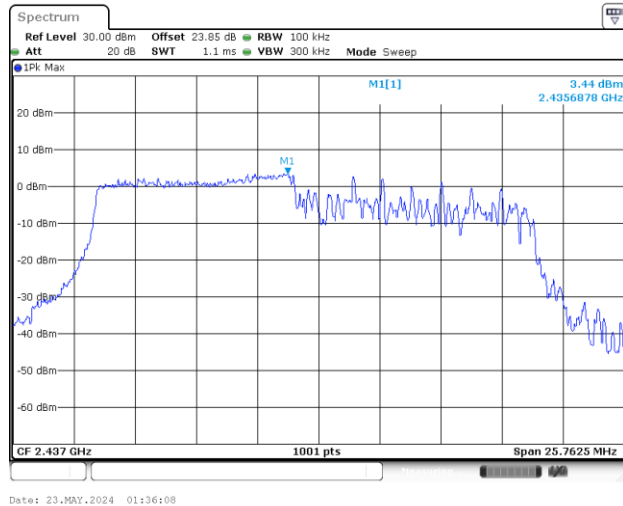




Test Mode : 802.11ax HE20\_106RU

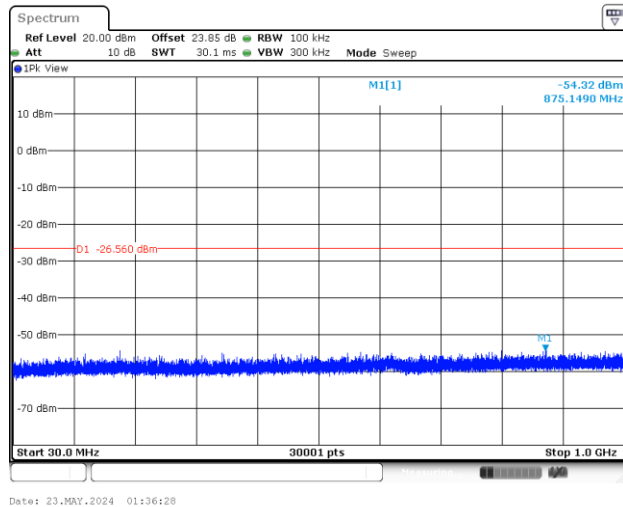
Test Channel : 06

## 100kHz PSD reference Level

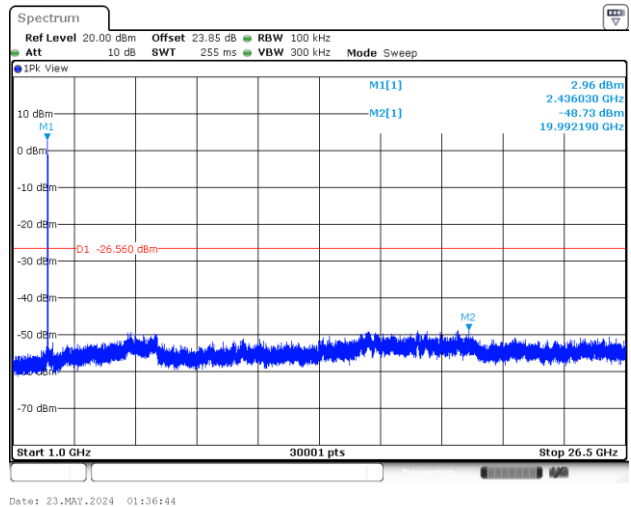


## Middle Channel Plot

## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

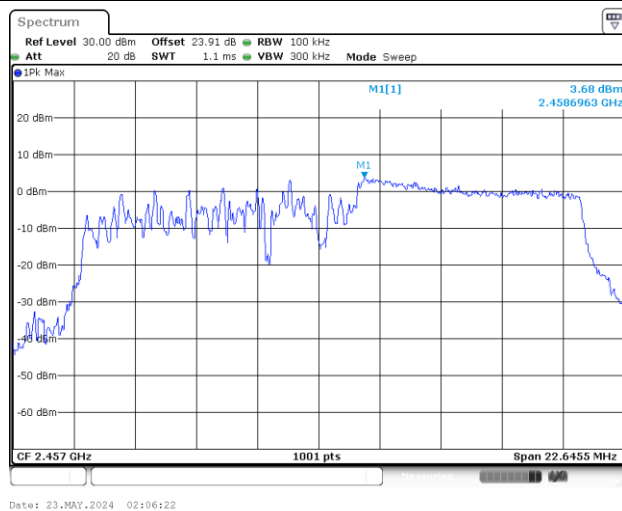




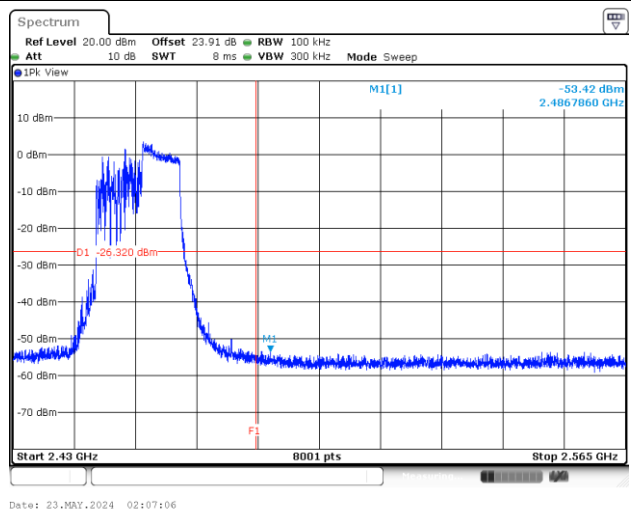
Test Mode : 802.11ax HE20\_106RU

Test Channel : 10

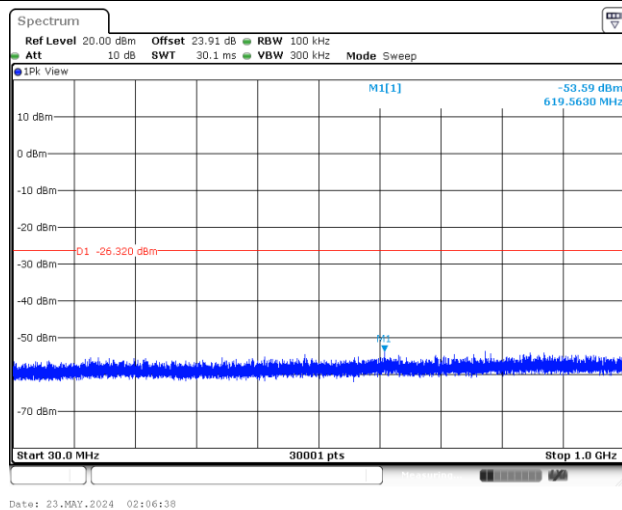
## 100kHz PSD reference Level



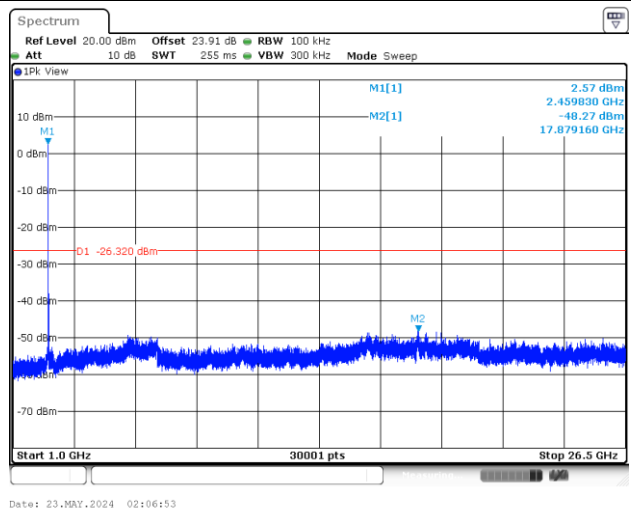
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

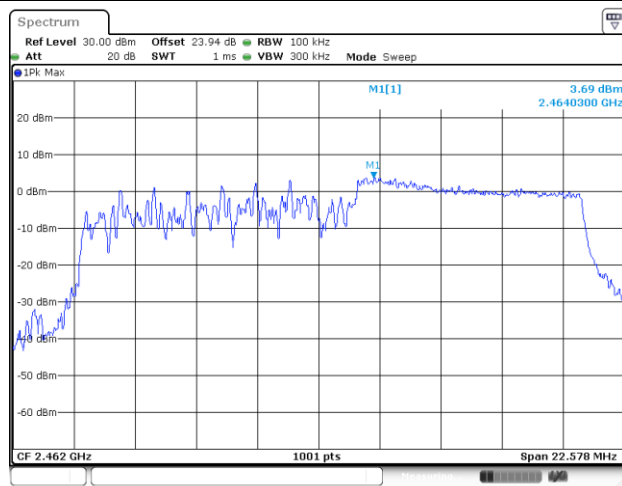




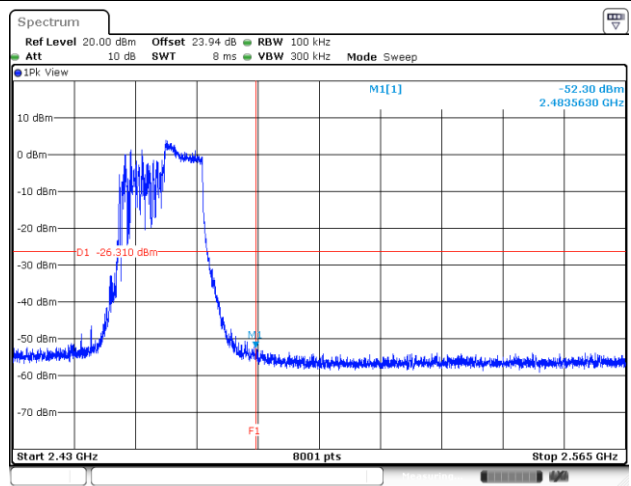
Test Mode : 802.11ax HE20\_106RU

Test Channel : 11

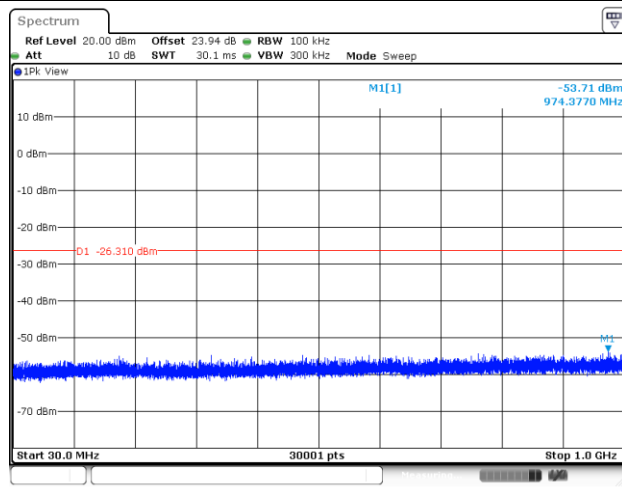
## 100kHz PSD reference Level



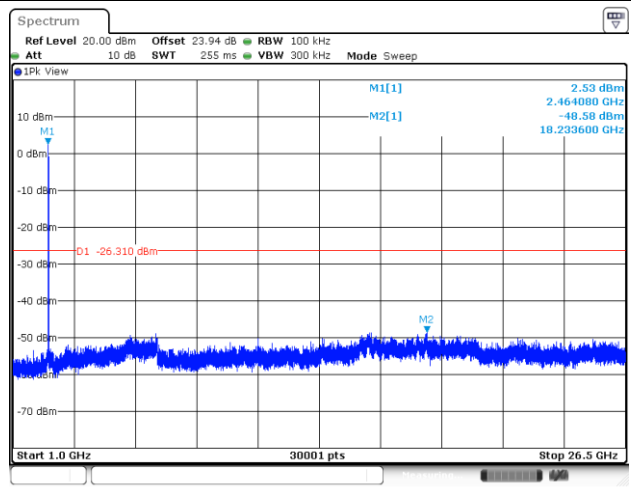
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

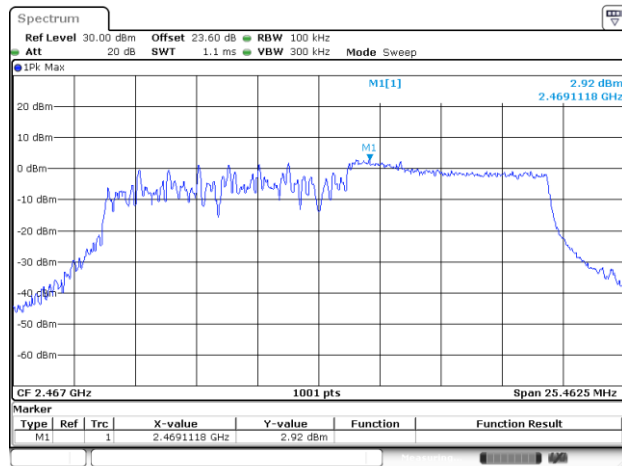




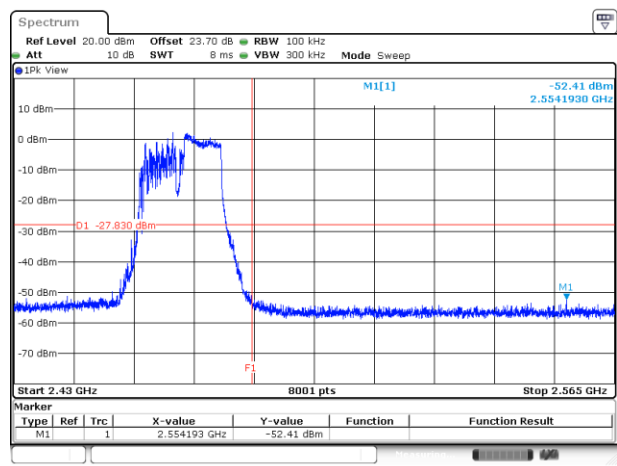
Test Mode : 802.11ax HE20\_106RU

Test Channel : 12

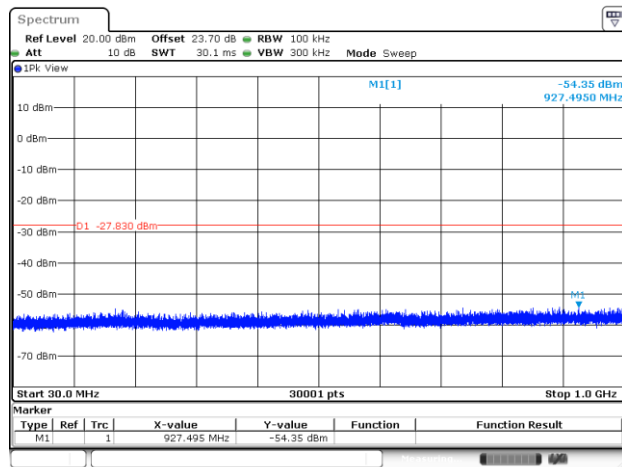
## 100kHz PSD reference Level



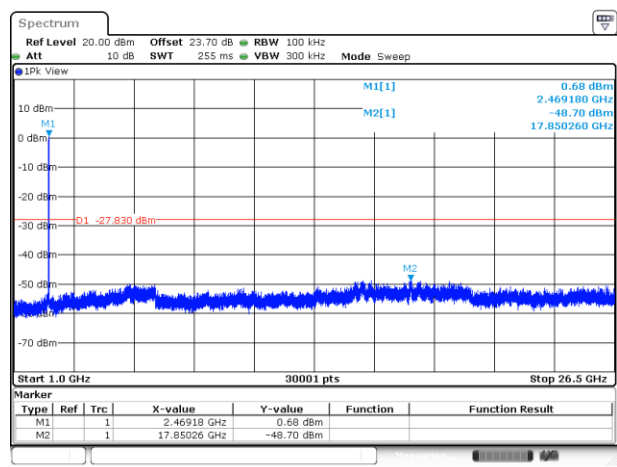
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

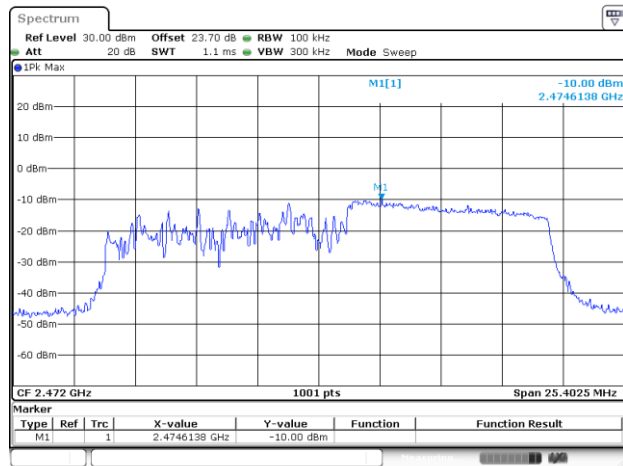




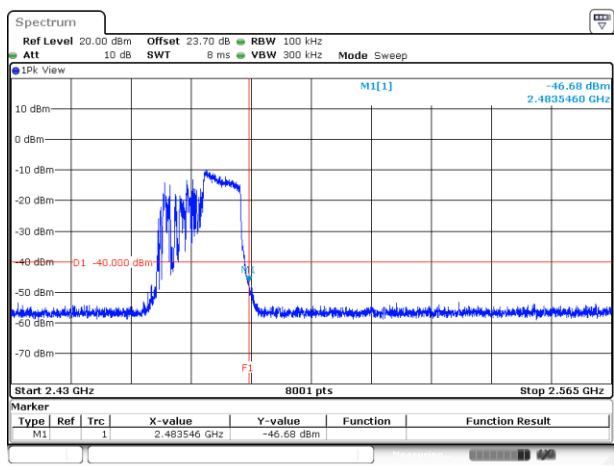
Test Mode : 802.11ax HE20\_106RU

Test Channel : 13

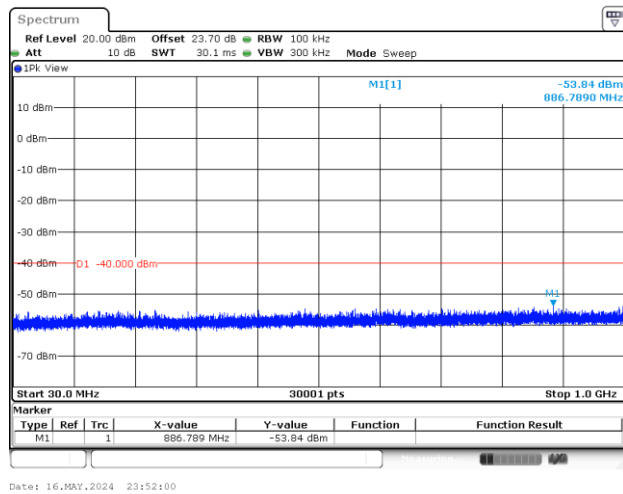
## 100kHz PSD reference Level



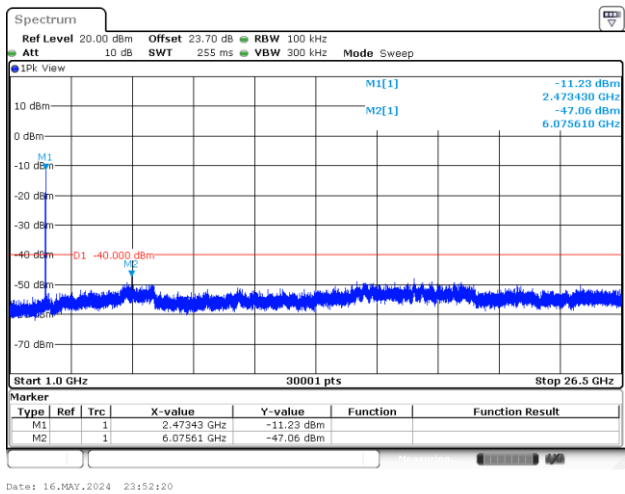
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

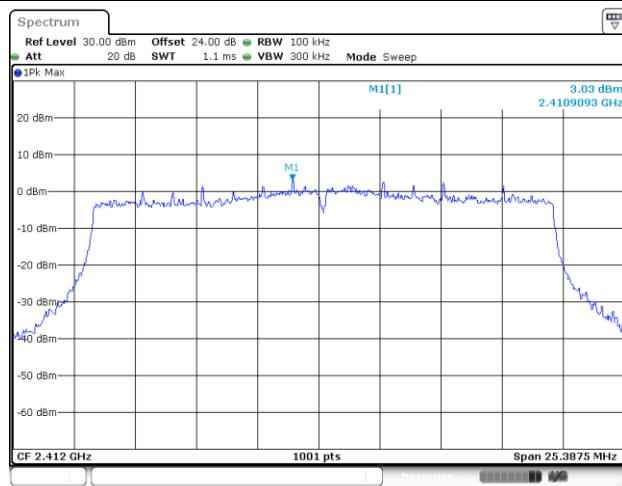




Test Mode : 802.11ax HE20\_242RU

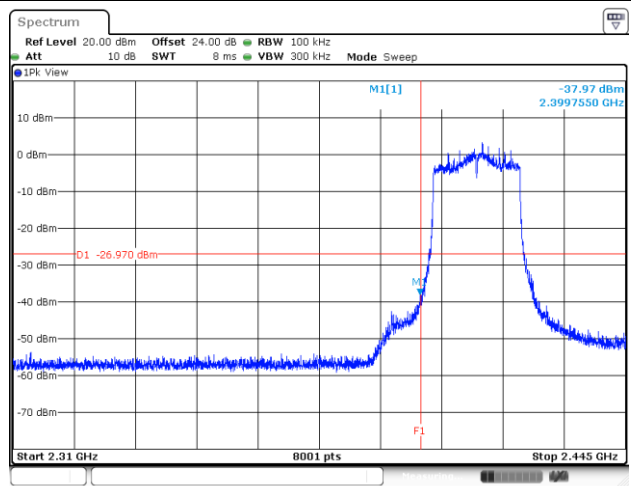
Test Channel : 01

## 100kHz PSD reference Level



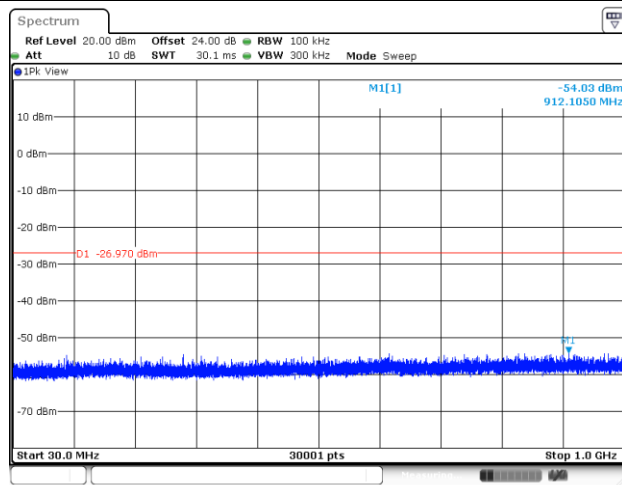
Date: 23.MAY.2024 00:43:31

## Low Channel Plot



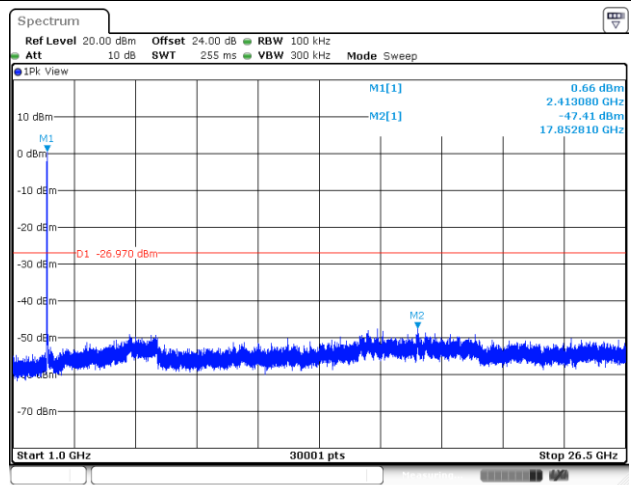
Date: 23.MAY.2024 00:44:15

## Spurious Emission 30MHz~1GHz



Date: 23.MAY.2024 00:43:47

## Spurious Emission 1GHz~26.5GHz



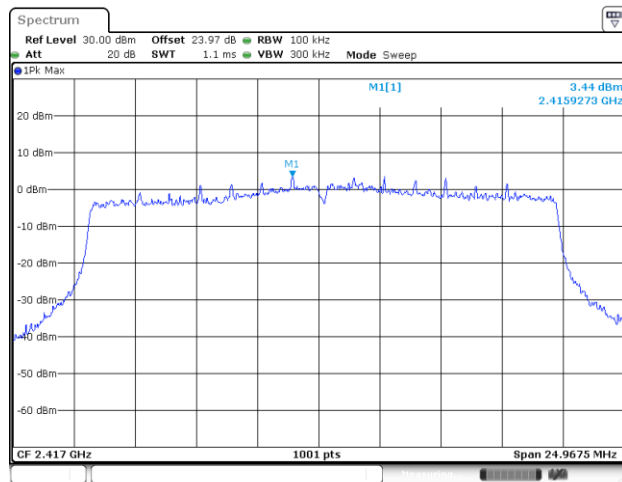
Date: 23.MAY.2024 00:44:03



Test Mode : 802.11ax HE20\_242RU

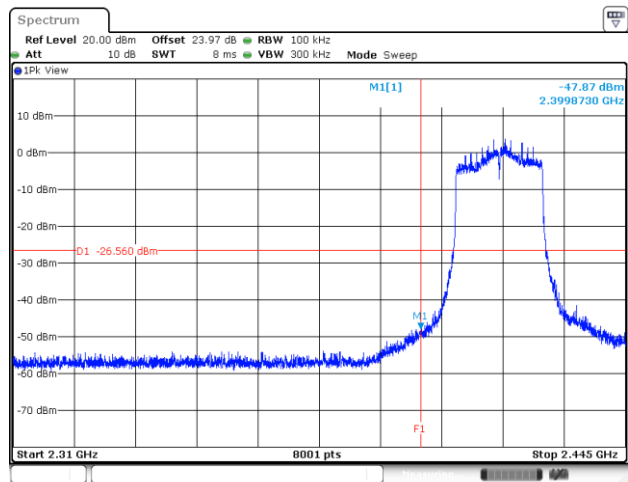
Test Channel : 02

## 100kHz PSD reference Level



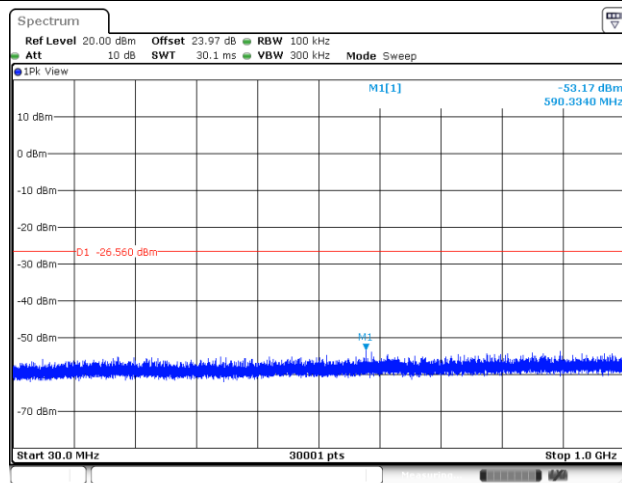
Date: 23.MAY.2024 01:12:04

## Low Channel Plot



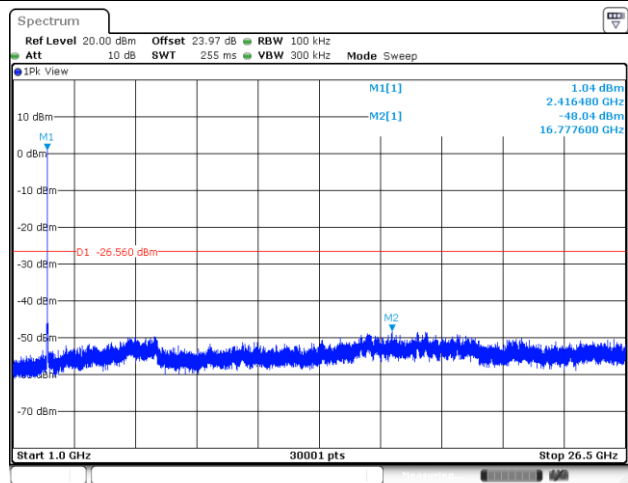
Date: 23.MAY.2024 01:13:21

## Spurious Emission 30MHz~1GHz



Date: 23.MAY.2024 01:12:52

## Spurious Emission 1GHz~26.5GHz



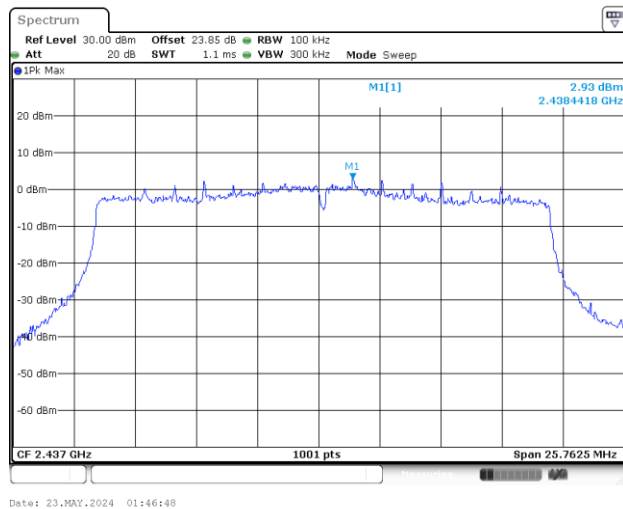
Date: 23.MAY.2024 01:13:07



Test Mode : 802.11ax HE20\_242RU

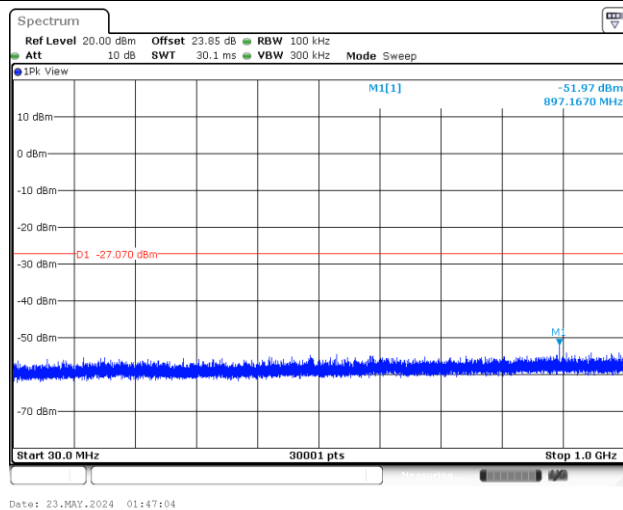
Test Channel : 06

## 100kHz PSD reference Level

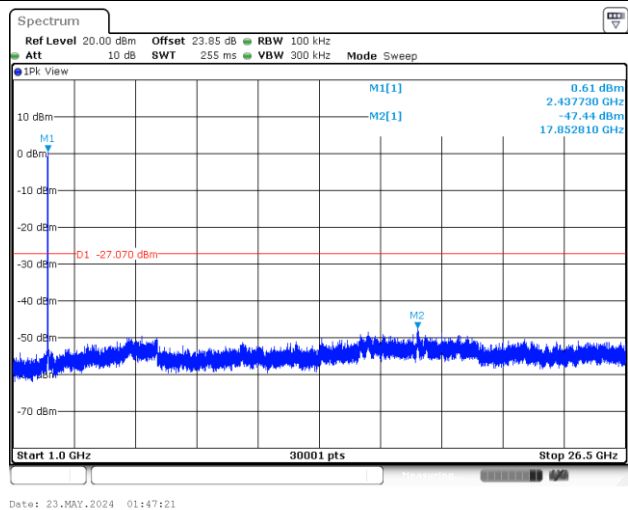


## Middle Channel Plot

## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

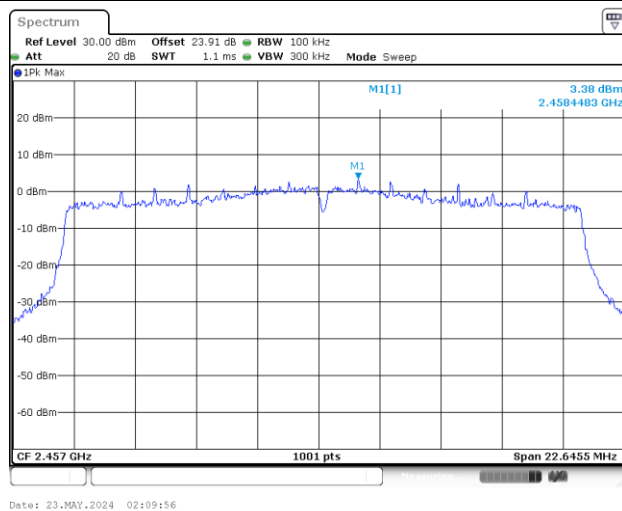




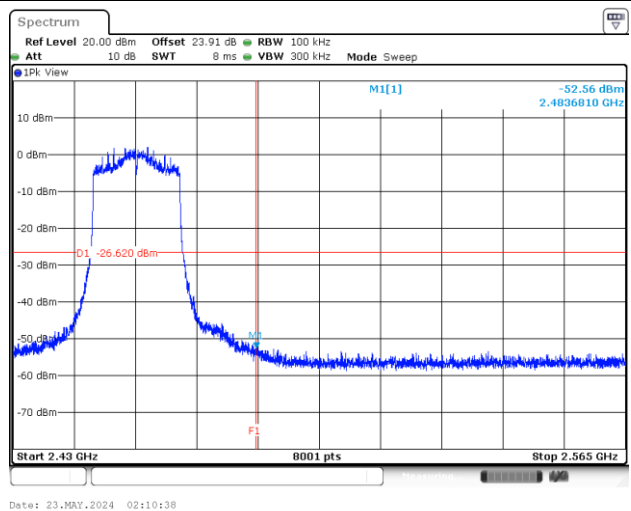
Test Mode : 802.11ax HE20\_242RU

Test Channel : 10

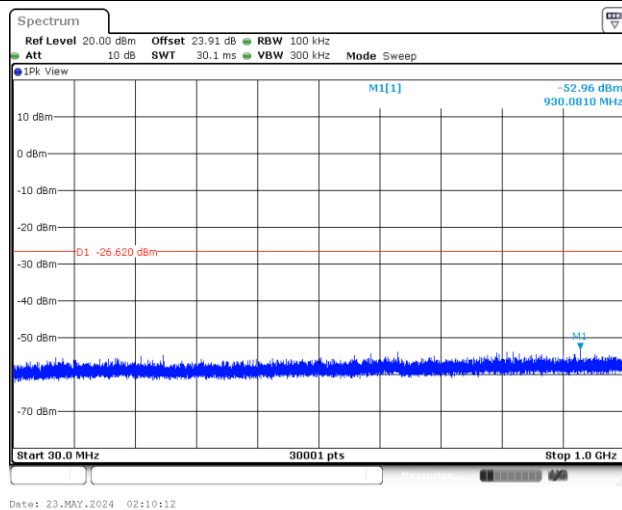
## 100kHz PSD reference Level



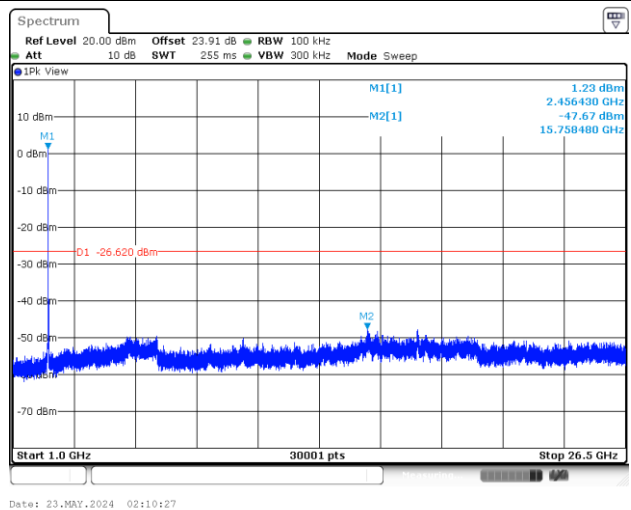
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

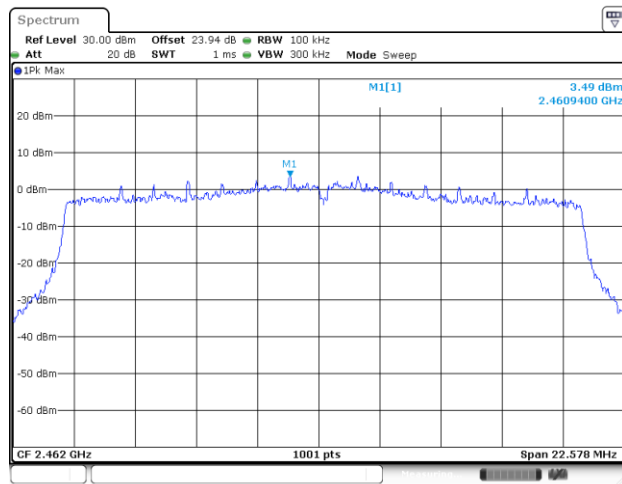




Test Mode : 802.11ax HE20\_242RU

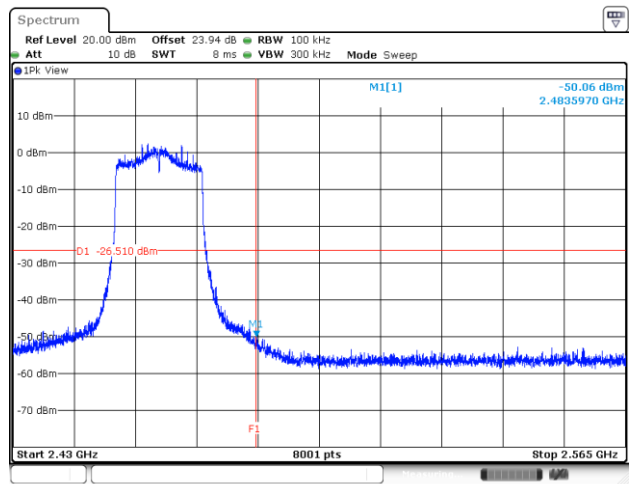
Test Channel : 11

## 100kHz PSD reference Level



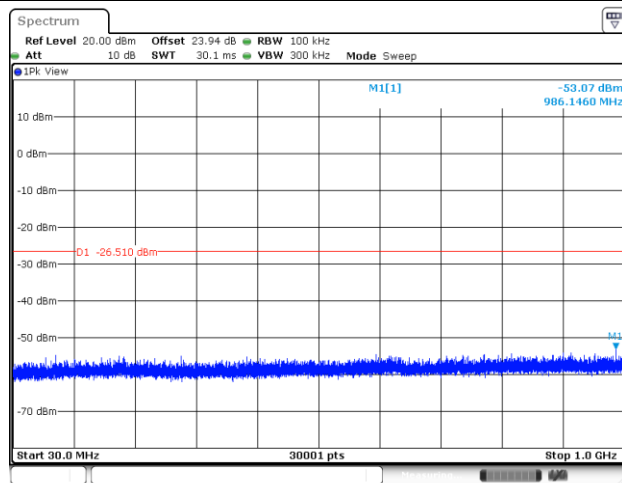
Date: 23.MAY.2024 02:39:03

## High Channel Plot



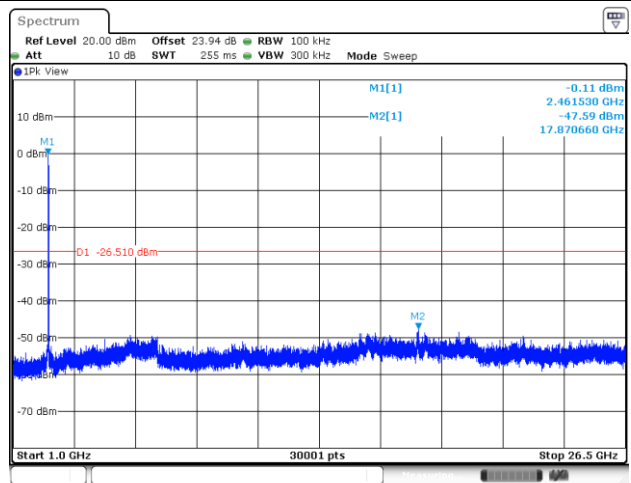
Date: 23.MAY.2024 02:39:51

## Spurious Emission 30MHz~1GHz



Date: 23.MAY.2024 02:39:19

## Spurious Emission 1GHz~26.5GHz



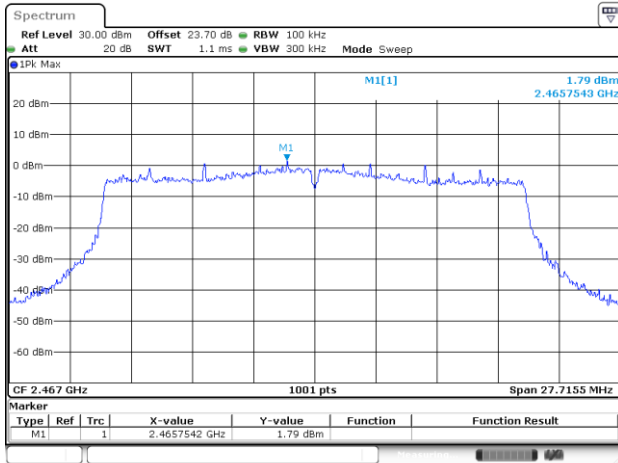
Date: 23.MAY.2024 02:39:34



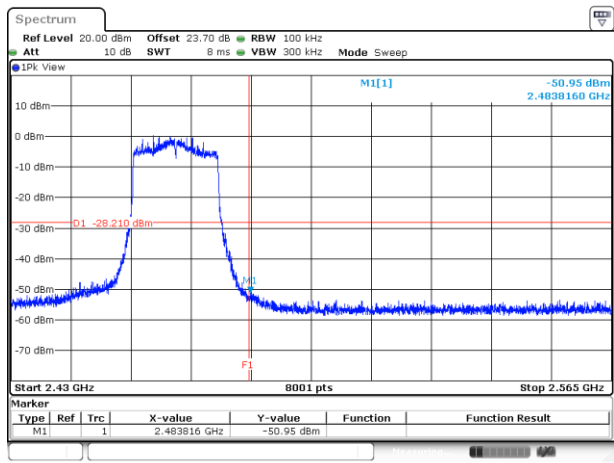
Test Mode : 802.11ax HE20\_242RU

Test Channel : 12

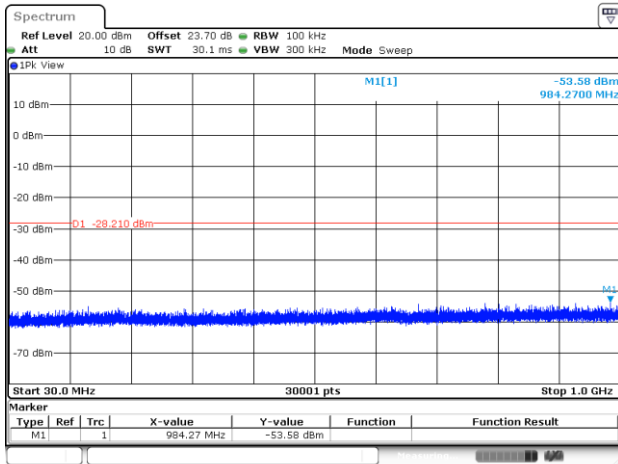
## 100kHz PSD reference Level



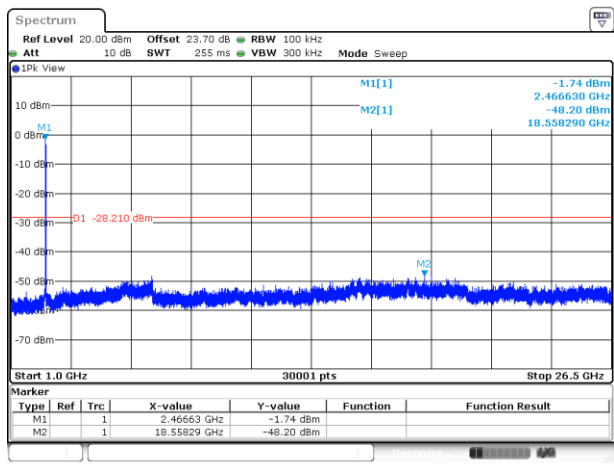
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz

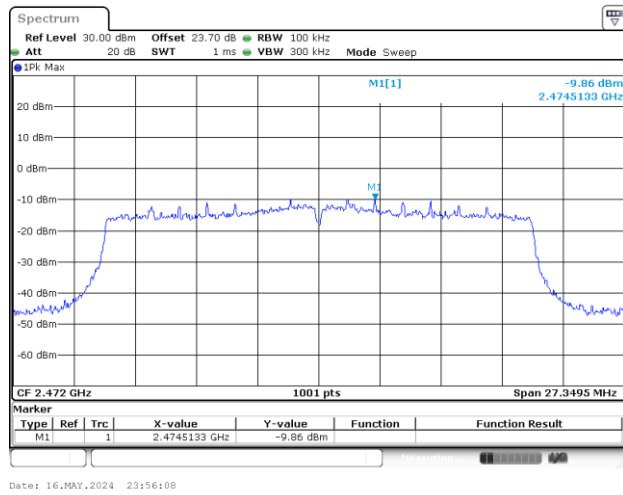




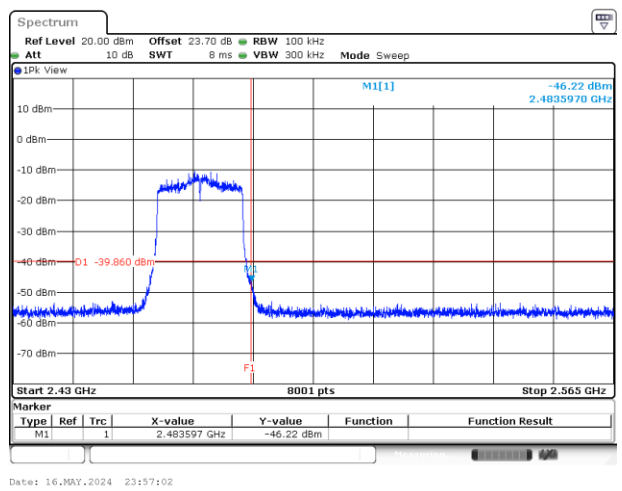
Test Mode : 802.11ax HE20\_242RU

Test Channel : 13

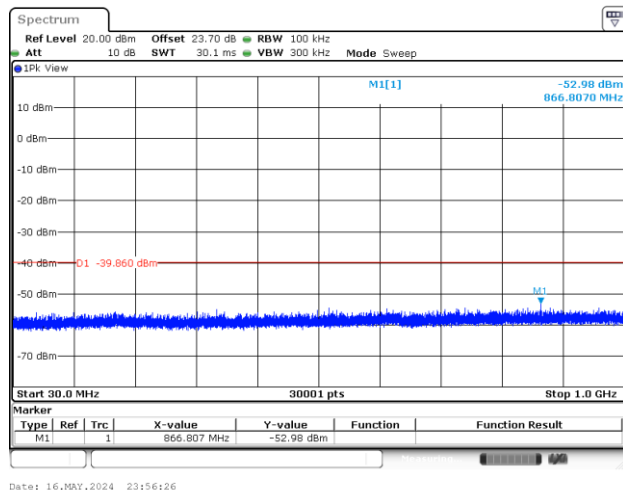
## 100kHz PSD reference Level



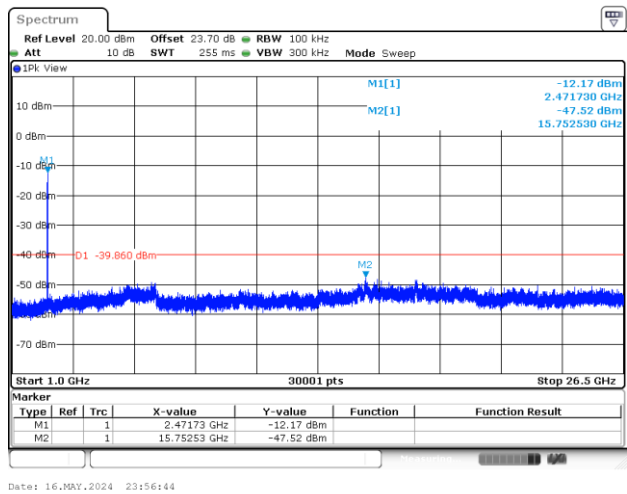
## High Channel Plot



## Spurious Emission 30MHz~1GHz



## Spurious Emission 1GHz~26.5GHz





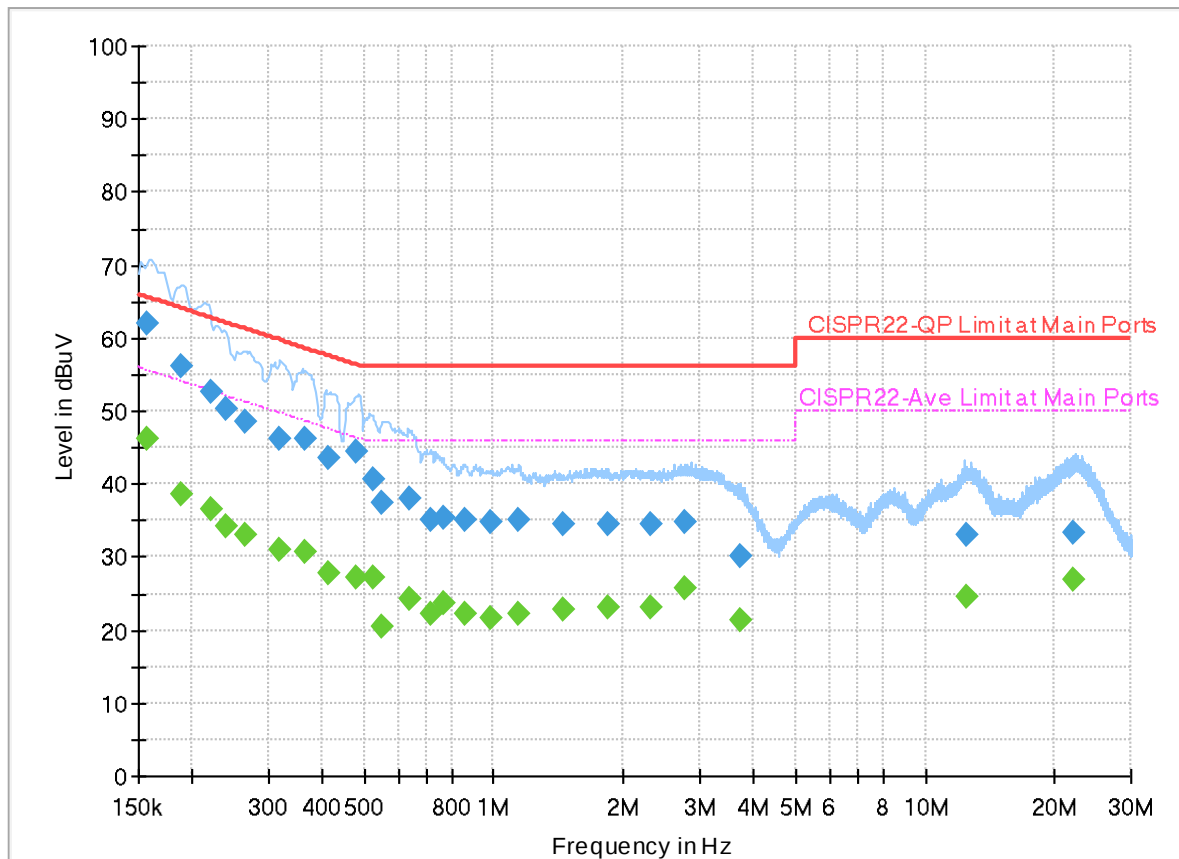
## **Appendix B. AC Conducted Emission Test Results**

|                        |             |                            |            |
|------------------------|-------------|----------------------------|------------|
| <b>Test Engineer :</b> | Louis Chung | <b>Temperature :</b>       | 23.4~24.6℃ |
|                        |             | <b>Relative Humidity :</b> | 48.3~55.7% |

## EUT Information

Report NO : 413013-01  
Test Mode : Mode 1  
Test Voltage : 120Vac/60Hz  
Phase : Line

Full Spectrum



## Final\_Result

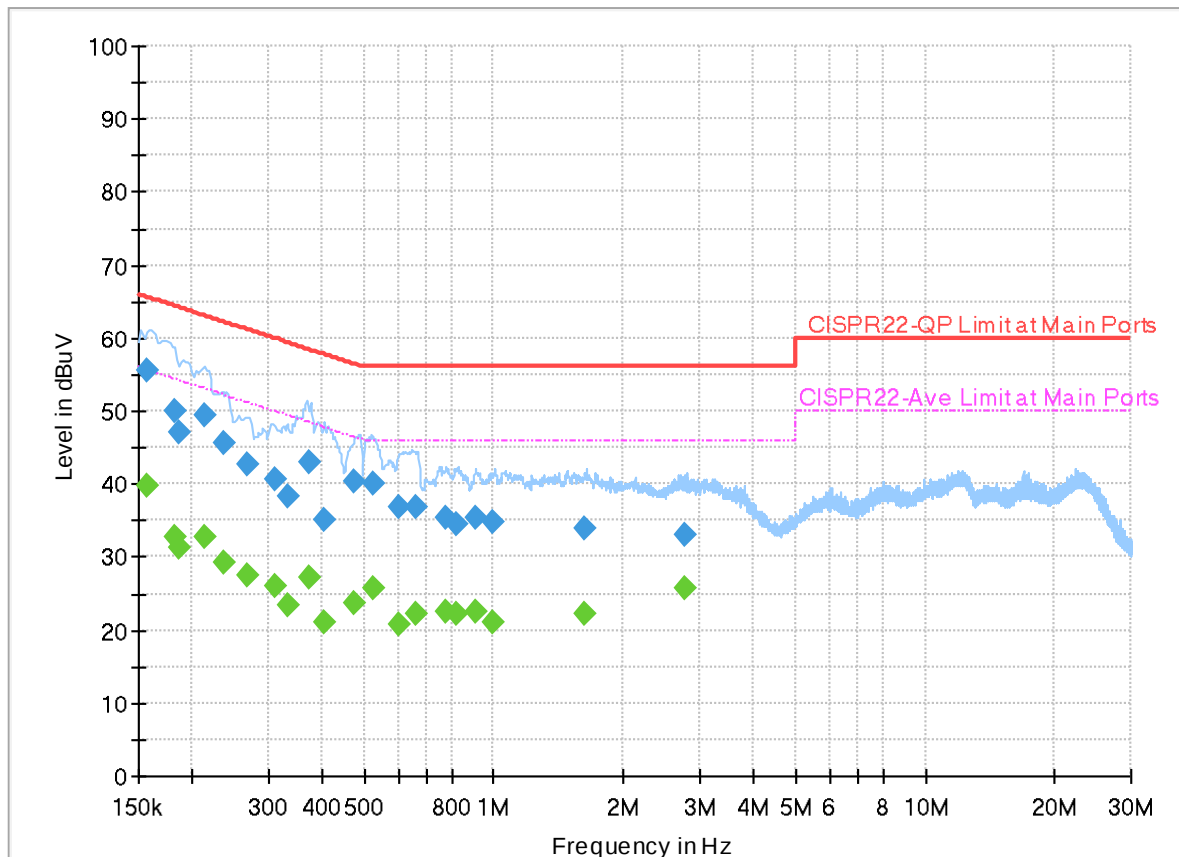
| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.156750        | ---              | 46.22           | 55.63        | 9.41        | L1   | OFF    | 19.9       |
| 0.156750        | 62.13            | ---             | 65.63        | 3.50        | L1   | OFF    | 19.9       |
| 0.187350        | ---              | 38.54           | 54.15        | 15.61       | L1   | OFF    | 19.9       |
| 0.187350        | 56.01            | ---             | 64.15        | 8.14        | L1   | OFF    | 19.9       |
| 0.220380        | ---              | 36.61           | 52.81        | 16.20       | L1   | OFF    | 19.9       |
| 0.220380        | 52.66            | ---             | 62.81        | 10.15       | L1   | OFF    | 19.9       |
| 0.238110        | ---              | 34.26           | 52.16        | 17.90       | L1   | OFF    | 19.9       |
| 0.238110        | 50.25            | ---             | 62.16        | 11.91       | L1   | OFF    | 19.9       |
| 0.265920        | ---              | 33.16           | 51.24        | 18.08       | L1   | OFF    | 19.9       |
| 0.265920        | 48.45            | ---             | 61.24        | 12.79       | L1   | OFF    | 19.9       |
| 0.319920        | ---              | 31.03           | 49.71        | 18.68       | L1   | OFF    | 19.9       |
| 0.319920        | 46.06            | ---             | 59.71        | 13.65       | L1   | OFF    | 19.9       |
| 0.365460        | ---              | 30.72           | 48.60        | 17.88       | L1   | OFF    | 19.9       |
| 0.365460        | 46.10            | ---             | 58.60        | 12.50       | L1   | OFF    | 19.9       |
| 0.414600        | ---              | 27.86           | 47.56        | 19.70       | L1   | OFF    | 19.9       |
| 0.414600        | 43.62            | ---             | 57.56        | 13.94       | L1   | OFF    | 19.9       |
| 0.477510        | ---              | 27.29           | 46.38        | 19.09       | L1   | OFF    | 19.9       |
| 0.477510        | 44.35            | ---             | 56.38        | 12.03       | L1   | OFF    | 19.9       |
| 0.523500        | ---              | 27.16           | 46.00        | 18.84       | L1   | OFF    | 19.9       |

|           |       |       |       |       |    |     |      |
|-----------|-------|-------|-------|-------|----|-----|------|
| 0.523500  | 40.61 | ---   | 56.00 | 15.39 | L1 | OFF | 19.9 |
| 0.552750  | ---   | 20.38 | 46.00 | 25.62 | L1 | OFF | 19.9 |
| 0.552750  | 37.37 | ---   | 56.00 | 18.63 | L1 | OFF | 19.9 |
| 0.634560  | ---   | 24.28 | 46.00 | 21.72 | L1 | OFF | 19.9 |
| 0.634560  | 37.92 | ---   | 56.00 | 18.08 | L1 | OFF | 19.9 |
| 0.711330  | ---   | 22.28 | 46.00 | 23.72 | L1 | OFF | 19.9 |
| 0.711330  | 35.02 | ---   | 56.00 | 20.98 | L1 | OFF | 19.9 |
| 0.763620  | ---   | 23.80 | 46.00 | 22.20 | L1 | OFF | 19.9 |
| 0.763620  | 35.34 | ---   | 56.00 | 20.66 | L1 | OFF | 19.9 |
| 0.854970  | ---   | 22.35 | 46.00 | 23.65 | L1 | OFF | 19.9 |
| 0.854970  | 35.15 | ---   | 56.00 | 20.85 | L1 | OFF | 19.9 |
| 0.985740  | ---   | 21.70 | 46.00 | 24.30 | L1 | OFF | 19.9 |
| 0.985740  | 34.68 | ---   | 56.00 | 21.32 | L1 | OFF | 19.9 |
| 1.142700  | ---   | 22.31 | 46.00 | 23.69 | L1 | OFF | 19.9 |
| 1.142700  | 35.00 | ---   | 56.00 | 21.00 | L1 | OFF | 19.9 |
| 1.442490  | ---   | 22.77 | 46.00 | 23.23 | L1 | OFF | 19.9 |
| 1.442490  | 34.63 | ---   | 56.00 | 21.37 | L1 | OFF | 19.9 |
| 1.829310  | ---   | 23.02 | 46.00 | 22.98 | L1 | OFF | 19.9 |
| 1.829310  | 34.36 | ---   | 56.00 | 21.64 | L1 | OFF | 19.9 |
| 2.323500  | ---   | 23.07 | 46.00 | 22.93 | L1 | OFF | 20.0 |
| 2.323500  | 34.51 | ---   | 56.00 | 21.49 | L1 | OFF | 20.0 |
| 2.760090  | ---   | 25.87 | 46.00 | 20.13 | L1 | OFF | 20.0 |
| 2.760090  | 34.68 | ---   | 56.00 | 21.32 | L1 | OFF | 20.0 |
| 3.745140  | ---   | 21.46 | 46.00 | 24.54 | L1 | OFF | 20.0 |
| 3.745140  | 30.21 | ---   | 56.00 | 25.79 | L1 | OFF | 20.0 |
| 12.518250 | ---   | 24.53 | 50.00 | 25.47 | L1 | OFF | 20.1 |
| 12.518250 | 33.00 | ---   | 60.00 | 27.00 | L1 | OFF | 20.1 |
| 22.051500 | ---   | 26.79 | 50.00 | 23.21 | L1 | OFF | 20.1 |
| 22.051500 | 33.42 | ---   | 60.00 | 26.58 | L1 | OFF | 20.1 |

## EUT Information

Report NO : 413013-01  
Test Mode : Mode 1  
Test Voltage : 120Vac/60Hz  
Phase : Neutral

Full Spectrum



## Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.156750        | ---              | 39.85           | 55.63        | 15.78       | N    | OFF    | 19.9       |
| 0.156750        | 55.65            | ---             | 65.63        | 9.98        | N    | OFF    | 19.9       |
| 0.181500        | ---              | 32.86           | 54.42        | 21.56       | N    | OFF    | 19.9       |
| 0.181500        | 50.00            | ---             | 64.42        | 14.42       | N    | OFF    | 19.9       |
| 0.186900        | ---              | 31.24           | 54.17        | 22.93       | N    | OFF    | 19.9       |
| 0.186900        | 47.11            | ---             | 64.17        | 17.06       | N    | OFF    | 19.9       |
| 0.214620        | ---              | 32.71           | 53.03        | 20.32       | N    | OFF    | 19.9       |
| 0.214620        | 49.31            | ---             | 63.03        | 13.72       | N    | OFF    | 19.9       |
| 0.235500        | ---              | 29.20           | 52.25        | 23.05       | N    | OFF    | 19.9       |
| 0.235500        | 45.58            | ---             | 62.25        | 16.67       | N    | OFF    | 19.9       |
| 0.267900        | ---              | 27.57           | 51.18        | 23.61       | N    | OFF    | 19.9       |
| 0.267900        | 42.70            | ---             | 61.18        | 18.48       | N    | OFF    | 19.9       |
| 0.312000        | ---              | 26.03           | 49.92        | 23.89       | N    | OFF    | 19.9       |
| 0.312000        | 40.71            | ---             | 59.92        | 19.21       | N    | OFF    | 19.9       |
| 0.332430        | ---              | 23.31           | 49.39        | 26.08       | N    | OFF    | 19.9       |
| 0.332430        | 38.25            | ---             | 59.39        | 21.14       | N    | OFF    | 19.9       |
| 0.375000        | ---              | 27.30           | 48.39        | 21.09       | N    | OFF    | 19.9       |
| 0.375000        | 43.04            | ---             | 58.39        | 15.35       | N    | OFF    | 19.9       |
| 0.402000        | ---              | 21.03           | 47.81        | 26.78       | N    | OFF    | 19.9       |

|          |       |       |       |       |   |     |      |
|----------|-------|-------|-------|-------|---|-----|------|
| 0.402000 | 35.18 | ---   | 57.81 | 22.63 | N | OFF | 19.9 |
| 0.474630 | ---   | 23.73 | 46.43 | 22.70 | N | OFF | 19.9 |
| 0.474630 | 40.28 | ---   | 56.43 | 16.15 | N | OFF | 19.9 |
| 0.526650 | ---   | 25.59 | 46.00 | 20.41 | N | OFF | 19.9 |
| 0.526650 | 40.07 | ---   | 56.00 | 15.93 | N | OFF | 19.9 |
| 0.604500 | ---   | 20.62 | 46.00 | 25.38 | N | OFF | 19.9 |
| 0.604500 | 36.77 | ---   | 56.00 | 19.23 | N | OFF | 19.9 |
| 0.658500 | ---   | 22.13 | 46.00 | 23.87 | N | OFF | 19.9 |
| 0.658500 | 36.84 | ---   | 56.00 | 19.16 | N | OFF | 19.9 |
| 0.771720 | ---   | 22.50 | 46.00 | 23.50 | N | OFF | 19.9 |
| 0.771720 | 35.42 | ---   | 56.00 | 20.58 | N | OFF | 19.9 |
| 0.820500 | ---   | 22.16 | 46.00 | 23.84 | N | OFF | 19.9 |
| 0.820500 | 34.59 | ---   | 56.00 | 21.41 | N | OFF | 19.9 |
| 0.912750 | ---   | 22.65 | 46.00 | 23.35 | N | OFF | 19.9 |
| 0.912750 | 35.30 | ---   | 56.00 | 20.70 | N | OFF | 19.9 |
| 0.998880 | ---   | 20.94 | 46.00 | 25.06 | N | OFF | 19.9 |
| 0.998880 | 34.86 | ---   | 56.00 | 21.14 | N | OFF | 19.9 |
| 1.627350 | ---   | 22.21 | 46.00 | 23.79 | N | OFF | 19.9 |
| 1.627350 | 33.98 | ---   | 56.00 | 22.02 | N | OFF | 19.9 |
| 2.767110 | ---   | 25.66 | 46.00 | 20.34 | N | OFF | 20.0 |
| 2.767110 | 33.06 | ---   | 56.00 | 22.94 | N | OFF | 20.0 |



## Appendix C. Radiated Spurious Emission

|                 |                                     |                     |         |
|-----------------|-------------------------------------|---------------------|---------|
| Test Engineer : | Jacky Hung, Mancy Chou and Rain Lee | Temperature :       | 20~26°C |
|                 |                                     | Relative Humidity : | 40~65%  |

&lt;Sample 1&gt;

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

| WIFI Ant.                   | Note | Frequency | Level      | Margin | Limit Line | Read Level | Antenna Factor | Path Loss | Preampl Factor | Ant Pos | Table Pos | Peak Avg. | Pol.    |
|-----------------------------|------|-----------|------------|--------|------------|------------|----------------|-----------|----------------|---------|-----------|-----------|---------|
| 0+1                         |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )    | ( dB )         | ( cm )  | ( deg )   | ( P/A )   | ( H/V ) |
| 802.11b<br>CH 01<br>2412MHz |      | 2367.855  | 53.28      | -20.72 | 74         | 48.47      | 27.3           | 14.6      | 37.09          | 100     | 225       | P         | H       |
|                             |      | 2389.38   | 42.34      | -11.66 | 54         | 37.31      | 27.49          | 14.62     | 37.08          | 100     | 225       | A         | H       |
|                             | *    | 2412      | 110.32     | -      | -          | 105.26     | 27.5           | 14.64     | 37.08          | 100     | 225       | P         | H       |
|                             | *    | 2412      | 107.19     | -      | -          | 102.13     | 27.5           | 14.64     | 37.08          | 100     | 225       | A         | H       |
|                             |      |           |            |        |            |            |                |           |                |         |           |           | H       |
|                             |      |           |            |        |            |            |                |           |                |         |           |           | H       |
|                             |      | 2389.065  | 54.45      | -19.55 | 74         | 49.42      | 27.49          | 14.62     | 37.08          | 199     | 154       | P         | V       |
|                             |      | 2389.38   | 44.24      | -9.76  | 54         | 39.21      | 27.49          | 14.62     | 37.08          | 199     | 154       | A         | V       |
|                             | *    | 2412      | 115.68     | -      | -          | 110.62     | 27.5           | 14.64     | 37.08          | 199     | 154       | P         | V       |
|                             | *    | 2412      | 112.5      | -      | -          | 107.44     | 27.5           | 14.64     | 37.08          | 199     | 154       | A         | V       |
|                             |      |           |            |        |            |            |                |           |                |         |           |           | V       |
|                             |      |           |            |        |            |            |                |           |                |         |           |           | V       |
| 802.11b<br>CH 06<br>2437MHz |      | 2331.28   | 53.17      | -20.83 | 74         | 48.5       | 27.2           | 14.56     | 37.09          | 109     | 224       | P         | H       |
|                             |      | 2389.94   | 41.88      | -12.12 | 54         | 36.84      | 27.5           | 14.62     | 37.08          | 109     | 224       | A         | H       |
|                             | *    | 2437      | 110.28     | -      | -          | 105.09     | 27.6           | 14.67     | 37.08          | 109     | 224       | P         | H       |
|                             | *    | 2437      | 107.08     | -      | -          | 101.89     | 27.6           | 14.67     | 37.08          | 109     | 224       | A         | H       |
|                             |      | 2487.85   | 54.79      | -19.21 | 74         | 49.33      | 27.8           | 14.73     | 37.07          | 109     | 224       | P         | H       |
|                             |      | 2485.15   | 42.68      | -11.32 | 54         | 37.23      | 27.8           | 14.72     | 37.07          | 109     | 224       | A         | H       |
|                             |      | 2388.54   | 53.06      | -20.94 | 74         | 48.03      | 27.49          | 14.62     | 37.08          | 218     | 152       | P         | V       |
|                             |      | 2388.54   | 42.34      | -11.66 | 54         | 37.31      | 27.49          | 14.62     | 37.08          | 218     | 152       | A         | V       |
|                             | *    | 2437      | 115.41     | -      | -          | 110.22     | 27.6           | 14.67     | 37.08          | 218     | 152       | P         | V       |
|                             | *    | 2437      | 112.19     | -      | -          | 107        | 27.6           | 14.67     | 37.08          | 218     | 152       | A         | V       |
|                             |      | 2485.06   | 53.38      | -20.62 | 74         | 47.93      | 27.8           | 14.72     | 37.07          | 218     | 152       | P         | V       |
|                             |      | 2485.06   | 43.01      | -10.99 | 54         | 37.56      | 27.8           | 14.72     | 37.07          | 218     | 152       | A         | V       |



| WIFI<br>Ant.<br>0+1         | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 ) |
|-----------------------------|------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11b<br>CH 11<br>2462MHz | *    | 2462                 | 109.92              | -                | -                           | 104.67                    | 27.62                         | 14.7                   | 37.07                      | 101                  | 223                     | P                       | H               |
|                             | *    | 2462                 | 106.74              | -                | -                           | 101.49                    | 27.62                         | 14.7                   | 37.07                      | 101                  | 223                     | A                       | H               |
|                             |      | 2487.2               | 51.22               | -22.78           | 74                          | 45.76                     | 27.8                          | 14.73                  | 37.07                      | 101                  | 223                     | P                       | H               |
|                             |      | 2487.56              | 41.2                | -12.8            | 54                          | 35.74                     | 27.8                          | 14.73                  | 37.07                      | 101                  | 223                     | A                       | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             | *    | 2462                 | 114.47              | -                | -                           | 109.22                    | 27.62                         | 14.7                   | 37.07                      | 145                  | 157                     | P                       | V               |
|                             | *    | 2462                 | 110.97              | -                | -                           | 105.72                    | 27.62                         | 14.7                   | 37.07                      | 145                  | 157                     | A                       | V               |
|                             |      | 2488.48              | 52.36               | -21.64           | 74                          | 46.9                      | 27.8                          | 14.73                  | 37.07                      | 145                  | 157                     | P                       | V               |
|                             |      | 2487.44              | 43.38               | -10.62           | 54                          | 37.92                     | 27.8                          | 14.73                  | 37.07                      | 145                  | 157                     | A                       | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |
| 802.11b<br>CH 12<br>2467MHz | *    | 2467                 | 107.84              | -                | -                           | 102.54                    | 27.67                         | 14.7                   | 37.07                      | 100                  | 227                     | P                       | H               |
|                             | *    | 2467                 | 104.58              | -                | -                           | 99.28                     | 27.67                         | 14.7                   | 37.07                      | 100                  | 227                     | A                       | H               |
|                             |      | 2483.6               | 53.52               | -20.48           | 74                          | 48.07                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 227                     | P                       | H               |
|                             |      | 2485.08              | 41.28               | -12.72           | 54                          | 35.83                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 227                     | A                       | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             | *    | 2467                 | 112.54              | -                | -                           | 107.24                    | 27.67                         | 14.7                   | 37.07                      | 145                  | 159                     | P                       | V               |
|                             | *    | 2467                 | 109.31              | -                | -                           | 104.01                    | 27.67                         | 14.7                   | 37.07                      | 145                  | 159                     | A                       | V               |
|                             |      | 2483.72              | 58.06               | -15.94           | 74                          | 52.61                     | 27.8                          | 14.72                  | 37.07                      | 145                  | 159                     | P                       | V               |
|                             |      | 2485                 | 43.34               | -10.66           | 54                          | 37.89                     | 27.8                          | 14.72                  | 37.07                      | 145                  | 159                     | A                       | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |



| WIFI<br>Ant.<br>0+1                  | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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>802.11b<br/>CH 13<br/>2472MHz</b> | *                                                                                           | 2472                 | 104.14              | -                | -                           | 98.78                     | 27.72                         | 14.71                  | 37.07                      | 110                  | 225                     | P                     | H             |
|                                      | *                                                                                           | 2472                 | 101.17              | -                | -                           | 95.81                     | 27.72                         | 14.71                  | 37.07                      | 110                  | 225                     | A                     | H             |
|                                      |                                                                                             | 2483.52              | 61.31               | -12.69           | 74                          | 55.86                     | 27.8                          | 14.72                  | 37.07                      | 110                  | 225                     | P                     | H             |
|                                      |                                                                                             | 2485.8               | 44.96               | -9.04            | 54                          | 39.51                     | 27.8                          | 14.72                  | 37.07                      | 110                  | 225                     | A                     | H             |
|                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | H             |
|                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | H             |
|                                      | *                                                                                           | 2472                 | 109.73              | -                | -                           | 104.37                    | 27.72                         | 14.71                  | 37.07                      | 159                  | 158                     | P                     | V             |
|                                      | *                                                                                           | 2472                 | 106.67              | -                | -                           | 101.31                    | 27.72                         | 14.71                  | 37.07                      | 159                  | 158                     | A                     | V             |
|                                      |                                                                                             | 2483.56              | 67.94               | -6.06            | 74                          | 62.49                     | 27.8                          | 14.72                  | 37.07                      | 159                  | 158                     | P                     | V             |
|                                      |                                                                                             | 2485.6               | 49.29               | -4.71            | 54                          | 43.84                     | 27.8                          | 14.72                  | 37.07                      | 159                  | 158                     | A                     | V             |
|                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
|                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
|                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       |               |

**2.4GHz 2400~2483.5MHz****WIFI 802.11b (Harmonic @ 3m)**

| WIFI<br>Ant.<br>0+1         | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 ) |
|-----------------------------|------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11b<br>CH 01<br>2412MHz |      | 4824                 | 42.59               | -31.41           | 74                          | 60.14                     | 32.44                         | 7.35                   | 57.34                      | -                    | -                       | P                       | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      | 4824                 | 43.66               | -30.34           | 74                          | 61.21                     | 32.44                         | 7.35                   | 57.34                      | -                    | -                       | P                       | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |

[illegible]

| WIFI<br>Ant.<br>0+1                 | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><br>( dBμV/m ) | Margin<br><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><br>(H/V) |   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|----------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|-------------------|---|
| 802.11b<br><br>CH 11<br><br>2462MHz |                                                                                                                                         | 4924                     | 41.03                   | -32.97               | 74                          | 57.59                     | 32.84                         | 7.66                   | 57.06                      | -                    | -                       | P                     | H                 |   |
|                                     |                                                                                                                                         | 7386                     | 46.8                    | -27.2                | 74                          | 57.73                     | 36.58                         | 9.45                   | 56.96                      | -                    | -                       | P                     | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          | 4924                    | 45.66                | -28.34                      | 74                        | 62.22                         | 32.84                  | 7.66                       | 57.06                | -                       | -                     | P                 | V |
|                                     |                                                                                                                                         |                          | 7386                    | 46.51                | -27.49                      | 74                        | 57.44                         | 36.58                  | 9.45                       | 56.96                | -                       | -                     | 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. |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |



**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11g (Band Edge @ 3m)**

| WIFI<br>Ant.<br>0+1                  | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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>802.11g<br/>CH 01<br/>2412MHz</b> |      | 2389.905             | 56.83               | -17.17           | 74                          | 51.79                     | 27.5                          | 14.62                  | 37.08                      | 165                  | 6                       | P                       | H               |
|                                      |      | 2390                 | 45.45               | -8.55            | 54                          | 40.41                     | 27.5                          | 14.62                  | 37.08                      | 165                  | 6                       | A                       | H               |
|                                      | *    | 2412                 | 109.68              | -                | -                           | 104.62                    | 27.5                          | 14.64                  | 37.08                      | 165                  | 6                       | P                       | H               |
|                                      | *    | 2412                 | 102                 | -                | -                           | 96.94                     | 27.5                          | 14.64                  | 37.08                      | 165                  | 6                       | A                       | H               |
|                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                      |      | 2389.59              | 63.1                | -10.9            | 74                          | 58.06                     | 27.5                          | 14.62                  | 37.08                      | 148                  | 139                     | P                       | V               |
|                                      |      | 2390                 | 50.52               | -3.48            | 54                          | 45.48                     | 27.5                          | 14.62                  | 37.08                      | 148                  | 139                     | A                       | V               |
|                                      | *    | 2412                 | 116.05              | -                | -                           | 110.99                    | 27.5                          | 14.64                  | 37.08                      | 148                  | 139                     | P                       | V               |
|                                      | *    | 2412                 | 108.47              | -                | -                           | 103.41                    | 27.5                          | 14.64                  | 37.08                      | 148                  | 139                     | A                       | V               |
|                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| <b>802.11g<br/>CH 06<br/>2437MHz</b> |      | 2389.94              | 52.94               | -21.06           | 74                          | 47.9                      | 27.5                          | 14.62                  | 37.08                      | 111                  | 219                     | P                       | H               |
|                                      |      | 2389.52              | 42.51               | -11.49           | 54                          | 37.47                     | 27.5                          | 14.62                  | 37.08                      | 111                  | 219                     | A                       | H               |
|                                      | *    | 2437                 | 114.91              | -                | -                           | 109.72                    | 27.6                          | 14.67                  | 37.08                      | 111                  | 219                     | P                       | H               |
|                                      | *    | 2437                 | 107.32              | -                | -                           | 102.13                    | 27.6                          | 14.67                  | 37.08                      | 111                  | 219                     | A                       | H               |
|                                      |      | 2484.34              | 56.13               | -17.87           | 74                          | 50.68                     | 27.8                          | 14.72                  | 37.07                      | 111                  | 219                     | P                       | H               |
|                                      |      | 2483.53              | 44.81               | -9.19            | 54                          | 39.36                     | 27.8                          | 14.72                  | 37.07                      | 111                  | 219                     | A                       | H               |
|                                      |      | 2388.96              | 56.62               | -17.38           | 74                          | 51.59                     | 27.49                         | 14.62                  | 37.08                      | 149                  | 148                     | P                       | V               |
|                                      |      | 2389.38              | 44.58               | -9.42            | 54                          | 39.55                     | 27.49                         | 14.62                  | 37.08                      | 149                  | 148                     | A                       | V               |
|                                      | *    | 2437                 | 119.45              | -                | -                           | 114.26                    | 27.6                          | 14.67                  | 37.08                      | 149                  | 148                     | P                       | V               |
|                                      | *    | 2437                 | 112.14              | -                | -                           | 106.95                    | 27.6                          | 14.67                  | 37.08                      | 149                  | 148                     | A                       | V               |
|                                      |      | 2483.89              | 57.18               | -16.82           | 74                          | 51.73                     | 27.8                          | 14.72                  | 37.07                      | 149                  | 148                     | P                       | V               |
|                                      |      | 2483.53              | 46.18               | -7.82            | 54                          | 40.73                     | 27.8                          | 14.72                  | 37.07                      | 149                  | 148                     | A                       | V               |



| WIFI<br>Ant.<br>0+1         | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 ) |
|-----------------------------|------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11g<br>CH 11<br>2462MHz | *    | 2462                 | 111.19              | -                | -                           | 105.94                    | 27.62                         | 14.7                   | 37.07                      | 112                  | 224                     | P                       | H               |
|                             | *    | 2462                 | 103.66              | -                | -                           | 98.41                     | 27.62                         | 14.7                   | 37.07                      | 112                  | 224                     | A                       | H               |
|                             |      | 2483.6               | 60.62               | -13.38           | 74                          | 55.17                     | 27.8                          | 14.72                  | 37.07                      | 112                  | 224                     | P                       | H               |
|                             |      | 2483.52              | 48.1                | -5.9             | 54                          | 42.65                     | 27.8                          | 14.72                  | 37.07                      | 112                  | 224                     | A                       | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             | *    | 2462                 | 115.4               | -                | -                           | 110.15                    | 27.62                         | 14.7                   | 37.07                      | 100                  | 156                     | P                       | V               |
|                             | *    | 2462                 | 108.02              | -                | -                           | 102.77                    | 27.62                         | 14.7                   | 37.07                      | 100                  | 156                     | A                       | V               |
|                             |      | 2483.8               | 64.76               | -9.24            | 74                          | 59.31                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 156                     | P                       | V               |
|                             |      | 2483.52              | 51.24               | -2.76            | 54                          | 45.79                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 156                     | A                       | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |
| 802.11g<br>CH 12<br>2467MHz | *    | 2467                 | 110.13              | -                | -                           | 104.83                    | 27.67                         | 14.7                   | 37.07                      | 100                  | 220                     | P                       | H               |
|                             | *    | 2467                 | 102.69              | -                | -                           | 97.39                     | 27.67                         | 14.7                   | 37.07                      | 100                  | 220                     | A                       | H               |
|                             |      | 2483.76              | 58.34               | -15.66           | 74                          | 52.89                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 220                     | P                       | H               |
|                             |      | 2483.52              | 47.97               | -6.03            | 54                          | 42.52                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 220                     | A                       | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             | *    | 2467                 | 115.09              | -                | -                           | 109.79                    | 27.67                         | 14.7                   | 37.07                      | 162                  | 148                     | P                       | V               |
|                             | *    | 2467                 | 107.29              | -                | -                           | 101.99                    | 27.67                         | 14.7                   | 37.07                      | 162                  | 148                     | A                       | V               |
|                             |      | 2483.92              | 63.39               | -10.61           | 74                          | 57.94                     | 27.8                          | 14.72                  | 37.07                      | 162                  | 148                     | P                       | V               |
|                             |      | 2483.52              | 52.31               | -1.69            | 54                          | 46.86                     | 27.8                          | 14.72                  | 37.07                      | 162                  | 148                     | A                       | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |



| WIFI<br>Ant.<br>0+1         | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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) |
|-----------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11g<br>CH 13<br>2472MHz | *                                                                                           | 2472                 | 95.96               | -                | -                           | 90.6                      | 27.72                         | 14.71                  | 37.07                      | 100                  | 218                     | P                     | H             |
|                             | *                                                                                           | 2472                 | 88.45               | -                | -                           | 83.09                     | 27.72                         | 14.71                  | 37.07                      | 100                  | 218                     | A                     | H             |
|                             |                                                                                             | 2483.68              | 58.58               | -15.42           | 74                          | 53.13                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 218                     | P                     | H             |
|                             |                                                                                             | 2483.52              | 46.17               | -7.83            | 54                          | 40.72                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 218                     | A                     | H             |
|                             |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | H             |
|                             |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | H             |
|                             | *                                                                                           | 2472                 | 101.61              | -                | -                           | 96.25                     | 27.72                         | 14.71                  | 37.07                      | 160                  | 149                     | P                     | V             |
|                             | *                                                                                           | 2472                 | 93.72               | -                | -                           | 88.36                     | 27.72                         | 14.71                  | 37.07                      | 160                  | 149                     | A                     | V             |
|                             |                                                                                             | 2483.72              | 63.43               | -10.57           | 74                          | 57.98                     | 27.8                          | 14.72                  | 37.07                      | 160                  | 149                     | P                     | V             |
|                             |                                                                                             | 2483.52              | 50.39               | -3.61            | 54                          | 44.94                     | 27.8                          | 14.72                  | 37.07                      | 160                  | 149                     | A                     | V             |
|                             |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
|                             |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
|                             |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
| Remark                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       |               |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)

| WIFI<br>Ant.<br>0+1         | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 ) |
|-----------------------------|------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11g<br>CH 01<br>2412MHz |      | 4824                 | 41.32               | -32.68           | 74                          | 58.87                     | 32.44                         | 7.35                   | 57.34                      | -                    | -                       | P                       | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                             |      | 4824                 | 42.94               | -31.06           | 74                          | 60.49                     | 32.44                         | 7.35                   | 57.34                      | -                    | -                       | P                       | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                             |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |

[illegible]

| WIFI<br>Ant.<br>0+1                 | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><br>( dBμV/m ) | Margin<br><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><br>(H/V) |   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|----------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|-------------------|---|
| 802.11g<br><br>CH 11<br><br>2462MHz |                                                                                                                                         | 4924                     | 40.97                   | -33.03               | 74                          | 57.53                     | 32.84                         | 7.66                   | 57.06                      | -                    | -                       | P                     | H                 |   |
|                                     |                                                                                                                                         | 7386                     | 46.03                   | -27.97               | 74                          | 56.96                     | 36.58                         | 9.45                   | 56.96                      | -                    | -                       | P                     | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                     |                                                                                                                                         |                          | 4924                    | 41.51                | -32.49                      | 74                        | 58.07                         | 32.84                  | 7.66                       | 57.06                | -                       | -                     | P                 | V |
|                                     |                                                                                                                                         |                          | 7386                    | 44.86                | -29.14                      | 74                        | 55.79                         | 36.58                  | 9.45                       | 56.96                | -                       | -                     | 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. |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                     |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0+1                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 ) |
|---------------------------------------|------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ac<br>VHT20<br>CH 01<br>2412MHz |      | 2389.8               | 55.39               | -18.61           | 74                          | 50.35                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 147                     | P                       | H               |
|                                       |      | 2390                 | 44.85               | -9.15            | 54                          | 39.81                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 147                     | A                       | H               |
|                                       | *    | 2412                 | 108.37              | -                | -                           | 103.31                    | 27.5                          | 14.64                  | 37.08                      | 100                  | 147                     | P                       | H               |
|                                       | *    | 2412                 | 100.83              | -                | -                           | 95.77                     | 27.5                          | 14.64                  | 37.08                      | 100                  | 147                     | A                       | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       |      | 2390                 | 59.13               | -14.87           | 74                          | 54.09                     | 27.5                          | 14.62                  | 37.08                      | 144                  | 214                     | P                       | V               |
|                                       |      | 2390                 | 49.07               | -4.93            | 54                          | 44.03                     | 27.5                          | 14.62                  | 37.08                      | 144                  | 214                     | A                       | V               |
|                                       | *    | 2412                 | 114.42              | -                | -                           | 109.36                    | 27.5                          | 14.64                  | 37.08                      | 144                  | 214                     | P                       | V               |
|                                       | *    | 2412                 | 106.7               | -                | -                           | 101.64                    | 27.5                          | 14.64                  | 37.08                      | 144                  | 214                     | A                       | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ac<br>VHT20<br>CH 02<br>2417MHz |      | 2389.59              | 52.83               | -21.17           | 74                          | 47.79                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 56                      | P                       | H               |
|                                       |      | 2390                 | 42.93               | -11.07           | 54                          | 37.89                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 56                      | A                       | H               |
|                                       | *    | 2417                 | 112.36              | -                | -                           | 107.29                    | 27.5                          | 14.65                  | 37.08                      | 100                  | 56                      | P                       | H               |
|                                       | *    | 2417                 | 104.8               | -                | -                           | 99.73                     | 27.5                          | 14.65                  | 37.08                      | 100                  | 56                      | A                       | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       |      | 2390                 | 61.04               | -12.96           | 74                          | 56                        | 27.5                          | 14.62                  | 37.08                      | 207                  | 336                     | P                       | V               |
|                                       |      | 2390                 | 49.44               | -4.56            | 54                          | 44.4                      | 27.5                          | 14.62                  | 37.08                      | 207                  | 336                     | A                       | V               |
|                                       | *    | 2417                 | 117.23              | -                | -                           | 112.16                    | 27.5                          | 14.65                  | 37.08                      | 207                  | 336                     | P                       | V               |
|                                       | *    | 2417                 | 110.08              | -                | -                           | 105.01                    | 27.5                          | 14.65                  | 37.08                      | 207                  | 336                     | A                       | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 ) |
|---------------------------------------|------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ac<br>VHT20<br>CH 06<br>2437MHz |      | 2389.94              | 54.01               | -19.99           | 74                          | 48.97                     | 27.5                          | 14.62                  | 37.08                      | 109                  | 221                     | P                       | H               |
|                                       |      | 2389.94              | 43.14               | -10.86           | 54                          | 38.1                      | 27.5                          | 14.62                  | 37.08                      | 109                  | 221                     | A                       | H               |
|                                       | *    | 2437                 | 115.4               | -                | -                           | 110.21                    | 27.6                          | 14.67                  | 37.08                      | 109                  | 221                     | P                       | H               |
|                                       | *    | 2437                 | 107.18              | -                | -                           | 101.99                    | 27.6                          | 14.67                  | 37.08                      | 109                  | 221                     | A                       | H               |
|                                       |      | 2486.23              | 55.66               | -18.34           | 74                          | 50.21                     | 27.8                          | 14.72                  | 37.07                      | 109                  | 221                     | P                       | H               |
|                                       |      | 2484.7               | 44.7                | -9.3             | 54                          | 39.25                     | 27.8                          | 14.72                  | 37.07                      | 109                  | 221                     | A                       | H               |
|                                       |      | 2389.52              | 58.13               | -15.87           | 74                          | 53.09                     | 27.5                          | 14.62                  | 37.08                      | 207                  | 151                     | P                       | V               |
|                                       |      | 2389.94              | 45.72               | -8.28            | 54                          | 40.68                     | 27.5                          | 14.62                  | 37.08                      | 207                  | 151                     | A                       | V               |
|                                       | *    | 2437                 | 119.45              | -                | -                           | 114.26                    | 27.6                          | 14.67                  | 37.08                      | 207                  | 151                     | P                       | V               |
|                                       | *    | 2437                 | 111.46              | -                | -                           | 106.27                    | 27.6                          | 14.67                  | 37.08                      | 207                  | 151                     | A                       | V               |
|                                       |      | 2484.97              | 57.54               | -16.46           | 74                          | 52.09                     | 27.8                          | 14.72                  | 37.07                      | 207                  | 151                     | P                       | V               |
|                                       |      | 2484.61              | 45.62               | -8.38            | 54                          | 40.17                     | 27.8                          | 14.72                  | 37.07                      | 207                  | 151                     | A                       | V               |
| 802.11ac<br>VHT20<br>CH 10<br>2457MHz | *    | 2457                 | 112.09              | -                | -                           | 106.91                    | 27.57                         | 14.69                  | 37.08                      | 105                  | 46                      | P                       | H               |
|                                       | *    | 2457                 | 104.35              | -                | -                           | 99.17                     | 27.57                         | 14.69                  | 37.08                      | 105                  | 46                      | A                       | H               |
|                                       |      | 2483.64              | 52.11               | -21.89           | 74                          | 46.66                     | 27.8                          | 14.72                  | 37.07                      | 105                  | 46                      | P                       | H               |
|                                       |      | 2483.52              | 41.63               | -12.37           | 54                          | 36.18                     | 27.8                          | 14.72                  | 37.07                      | 105                  | 46                      | A                       | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       | *    | 2457                 | 116.79              | -                | -                           | 111.61                    | 27.57                         | 14.69                  | 37.08                      | 202                  | 340                     | P                       | V               |
|                                       | *    | 2457                 | 109.54              | -                | -                           | 104.36                    | 27.57                         | 14.69                  | 37.08                      | 202                  | 340                     | A                       | V               |
|                                       |      | 2483.52              | 55.32               | -18.68           | 74                          | 49.87                     | 27.8                          | 14.72                  | 37.07                      | 202                  | 340                     | P                       | V               |
|                                       |      | 2483.52              | 44.59               | -9.41            | 54                          | 39.14                     | 27.8                          | 14.72                  | 37.07                      | 202                  | 340                     | A                       | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 ) |
|---------------------------------------|------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ac<br>VHT20<br>CH 11<br>2462MHz | *    | 2462                 | 110.19              | -                | -                           | 104.94                    | 27.62                         | 14.7                   | 37.07                      | 100                  | 227                     | P                       | H               |
|                                       | *    | 2462                 | 102.43              | -                | -                           | 97.18                     | 27.62                         | 14.7                   | 37.07                      | 100                  | 227                     | A                       | H               |
|                                       |      | 2483.92              | 56.16               | -17.84           | 74                          | 50.71                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 227                     | P                       | H               |
|                                       |      | 2483.52              | 44.27               | -9.73            | 54                          | 38.82                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 227                     | A                       | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       | *    | 2462                 | 115.26              | -                | -                           | 110.01                    | 27.62                         | 14.7                   | 37.07                      | 163                  | 160                     | P                       | V               |
|                                       | *    | 2462                 | 107.64              | -                | -                           | 102.39                    | 27.62                         | 14.7                   | 37.07                      | 163                  | 160                     | A                       | V               |
|                                       |      | 2483.84              | 59.24               | -14.76           | 74                          | 53.79                     | 27.8                          | 14.72                  | 37.07                      | 163                  | 160                     | P                       | V               |
|                                       |      | 2483.52              | 47.35               | -6.65            | 54                          | 41.9                      | 27.8                          | 14.72                  | 37.07                      | 163                  | 160                     | A                       | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ac<br>VHT20<br>CH 12<br>2467MHz | *    | 2467                 | 108.5               | -                | -                           | 103.2                     | 27.67                         | 14.7                   | 37.07                      | 100                  | 224                     | P                       | H               |
|                                       | *    | 2467                 | 100.48              | -                | -                           | 95.18                     | 27.67                         | 14.7                   | 37.07                      | 100                  | 224                     | A                       | H               |
|                                       |      | 2485.08              | 54.69               | -19.31           | 74                          | 49.24                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 224                     | P                       | H               |
|                                       |      | 2484.84              | 43.5                | -10.5            | 54                          | 38.05                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 224                     | A                       | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                       | *    | 2467                 | 112.86              | -                | -                           | 107.56                    | 27.67                         | 14.7                   | 37.07                      | 155                  | 160                     | P                       | V               |
|                                       | *    | 2467                 | 104.95              | -                | -                           | 99.65                     | 27.67                         | 14.7                   | 37.07                      | 155                  | 160                     | A                       | V               |
|                                       |      | 2485.52              | 57.58               | -16.42           | 74                          | 52.13                     | 27.8                          | 14.72                  | 37.07                      | 155                  | 160                     | P                       | V               |
|                                       |      | 2483.52              | 46.6                | -7.4             | 54                          | 41.15                     | 27.8                          | 14.72                  | 37.07                      | 155                  | 160                     | A                       | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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) |
|---------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ac<br>VHT20<br>CH 13<br>2472MHz | *                                                                                           | 2472                 | 96.29               | -                | -                           | 90.93                     | 27.72                         | 14.71                  | 37.07                      | 107                  | 229                     | P                     | H             |
|                                       | *                                                                                           | 2472                 | 88.6                | -                | -                           | 83.24                     | 27.72                         | 14.71                  | 37.07                      | 107                  | 229                     | A                     | H             |
|                                       |                                                                                             | 2483.64              | 61.13               | -12.87           | 74                          | 55.68                     | 27.8                          | 14.72                  | 37.07                      | 107                  | 229                     | P                     | H             |
|                                       |                                                                                             | 2483.52              | 47.7                | -6.3             | 54                          | 42.25                     | 27.8                          | 14.72                  | 37.07                      | 107                  | 229                     | A                     | H             |
|                                       |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | H             |
|                                       |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | H             |
|                                       | *                                                                                           | 2472                 | 101.37              | -                | -                           | 96.01                     | 27.72                         | 14.71                  | 37.07                      | 157                  | 157                     | P                     | V             |
|                                       | *                                                                                           | 2472                 | 93.78               | -                | -                           | 88.42                     | 27.72                         | 14.71                  | 37.07                      | 157                  | 157                     | A                     | V             |
|                                       |                                                                                             | 2483.56              | 64.68               | -9.32            | 74                          | 59.23                     | 27.8                          | 14.72                  | 37.07                      | 157                  | 157                     | P                     | V             |
|                                       |                                                                                             | 2483.52              | 52.14               | -1.86            | 54                          | 46.69                     | 27.8                          | 14.72                  | 37.07                      | 157                  | 157                     | A                     | V             |
|                                       |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
|                                       |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
| Remark                                | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       |               |

**2.4GHz 2400~2483.5MHz**

### WIFI 802.11ac VHT20 (Harmonic @ 3m)

[illegible]



| WIFI<br>Ant.<br>0+1                                               | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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>802.11ac</b><br><b>VHT20</b><br><b>CH 06</b><br><b>2437MHz</b> |      | 4874                 | 44.27               | -29.73           | 74                          | 61.31                     | 32.65                         | 7.51                   | 57.2                       | 204                  | 226                     | P                       | H               |
|                                                                   |      | 4874                 | 33.39               | -20.61           | 54                          | 50.43                     | 32.65                         | 7.51                   | 57.2                       | 204                  | 226                     | A                       | H               |
|                                                                   |      | 7311                 | 50.08               | -23.92           | 74                          | 60.47                     | 36.96                         | 9.48                   | 56.83                      | 238                  | 102                     | P                       | H               |
|                                                                   |      | 7311                 | 38.35               | -15.65           | 54                          | 48.74                     | 36.96                         | 9.48                   | 56.83                      | 238                  | 102                     | A                       | H               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                   |      | 4874                 | 46.63               | -27.37           | 74                          | 63.67                     | 32.65                         | 7.51                   | 57.2                       | 151                  | 177                     | P                       | V               |
|                                                                   |      | 4874                 | 36.11               | -17.89           | 54                          | 53.15                     | 32.65                         | 7.51                   | 57.2                       | 151                  | 177                     | A                       | V               |
|                                                                   |      | 7311                 | 46.25               | -27.75           | 74                          | 56.64                     | 36.96                         | 9.48                   | 56.83                      | -                    | -                       | P                       | V               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                   |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |

| WIFI<br>Ant.<br>0+1                               | Note                                                                                                                                                                                                                                   | Frequency<br><br>( MHz ) | Level<br><br>( dBμV/m ) | Margin<br><br>( dB ) | Limit<br>Line<br><br>( dBμV/m ) | Read<br>Level<br><br>( dBμV ) | Antenna<br>Factor<br><br>( dB/m ) | Path<br>Loss<br><br>( dB ) | Preamp<br>Factor<br><br>( dB ) | Ant<br>Pos<br><br>( cm ) | Table<br>Pos<br><br>( deg ) | Peak<br>Avg.<br><br>( P/A ) | Pol.<br><br>( H/V ) |   |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|----------------------|---------------------------------|-------------------------------|-----------------------------------|----------------------------|--------------------------------|--------------------------|-----------------------------|-----------------------------|---------------------|---|
| 802.11ac<br><br>VHT20<br><br>CH 11<br><br>2462MHz |                                                                                                                                                                                                                                        | 4924                     | 40.91                   | -33.09               | 74                              | 57.47                         | 32.84                             | 7.66                       | 57.06                          | -                        | -                           | P                           | H                   |   |
|                                                   |                                                                                                                                                                                                                                        | 7386                     | 46.18                   | -27.82               | 74                              | 57.11                         | 36.58                             | 9.45                       | 56.96                          | -                        | -                           | P                           | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             | H                   |   |
|                                                   |                                                                                                                                                                                                                                        |                          | 4924                    | 45.08                | -28.92                          | 74                            | 61.64                             | 32.84                      | 7.66                           | 57.06                    | 173                         | 177                         | P                   | V |
|                                                   |                                                                                                                                                                                                                                        |                          | 4924                    | 34.71                | -19.29                          | 54                            | 51.27                             | 32.84                      | 7.66                           | 57.06                    | 173                         | 177                         | A                   | V |
|                                                   |                                                                                                                                                                                                                                        |                          | 7386                    | 44.8                 | -29.2                           | 74                            | 55.73                             | 36.58                      | 9.45                           | 56.96                    | -                           | -                           | P                   | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | V |
|                                                   |                                                                                                                                                                                                                                        |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     | 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. |                          |                         |                      |                                 |                               |                                   |                            |                                |                          |                             |                             |                     |   |



## 2.4GHz 2400~2483.5MHz

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

| WIFI<br>Ant.<br>0+1                       | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|-------------------------------------------|------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE20 Full<br>CH 01<br>2412MHz |      | 2387.385             | 53.65               | -20.35           | 74                          | 48.64                     | 27.47                         | 14.62                  | 37.08                      | 100                  | 46                      | P                       | H               |
|                                           |      | 2390                 | 42.6                | -11.4            | 54                          | 37.56                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 46                      | A                       | H               |
|                                           | *    | 2412                 | 111.9               | -                | -                           | 106.84                    | 27.5                          | 14.64                  | 37.08                      | 100                  | 46                      | P                       | H               |
|                                           | *    | 2412                 | 103                 | -                | -                           | 97.94                     | 27.5                          | 14.64                  | 37.08                      | 100                  | 46                      | A                       | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      | 2390                 | 58.1                | -15.9            | 74                          | 53.06                     | 27.5                          | 14.62                  | 37.08                      | 202                  | 339                     | P                       | V               |
|                                           |      | 2390                 | 47.67               | -6.33            | 54                          | 42.63                     | 27.5                          | 14.62                  | 37.08                      | 202                  | 339                     | A                       | V               |
|                                           | *    | 2412                 | 116.7               | -                | -                           | 111.64                    | 27.5                          | 14.64                  | 37.08                      | 202                  | 339                     | P                       | V               |
|                                           | *    | 2412                 | 108.56              | -                | -                           | 103.5                     | 27.5                          | 14.64                  | 37.08                      | 202                  | 339                     | A                       | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20 Full<br>CH 02<br>2417MHz |      | 2389.695             | 54.73               | -19.27           | 74                          | 49.69                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 41                      | P                       | H               |
|                                           |      | 2390                 | 45.09               | -8.91            | 54                          | 40.05                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 41                      | A                       | H               |
|                                           | *    | 2417                 | 115.32              | -                | -                           | 110.25                    | 27.5                          | 14.65                  | 37.08                      | 100                  | 41                      | P                       | H               |
|                                           | *    | 2417                 | 105.25              | -                | -                           | 100.18                    | 27.5                          | 14.65                  | 37.08                      | 100                  | 41                      | A                       | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      | 2389.485             | 60.07               | -13.93           | 74                          | 55.04                     | 27.49                         | 14.62                  | 37.08                      | 207                  | 335                     | P                       | V               |
|                                           |      | 2390                 | 49.21               | -4.79            | 54                          | 44.17                     | 27.5                          | 14.62                  | 37.08                      | 207                  | 335                     | A                       | V               |
|                                           | *    | 2417                 | 117.21              | -                | -                           | 112.14                    | 27.5                          | 14.65                  | 37.08                      | 207                  | 335                     | P                       | V               |
|                                           | *    | 2417                 | 110.06              | -                | -                           | 104.99                    | 27.5                          | 14.65                  | 37.08                      | 207                  | 335                     | A                       | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                       | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 06<br>2437MHz |      | 2389.8               | 50.67               | -23.33           | 74                          | 45.63                     | 27.5                          | 14.62                  | 37.08                      | 110                  | 43                      | P                       | H               |
|                                           |      | 2389.94              | 40.46               | -13.54           | 54                          | 35.42                     | 27.5                          | 14.62                  | 37.08                      | 110                  | 43                      | A                       | H               |
|                                           | *    | 2437                 | 115.35              | -                | -                           | 110.16                    | 27.6                          | 14.67                  | 37.08                      | 110                  | 43                      | P                       | H               |
|                                           | *    | 2437                 | 106.52              | -                | -                           | 101.33                    | 27.6                          | 14.67                  | 37.08                      | 110                  | 43                      | A                       | H               |
|                                           |      | 2485.3               | 55.01               | -18.99           | 74                          | 49.56                     | 27.8                          | 14.72                  | 37.07                      | 110                  | 43                      | P                       | H               |
|                                           |      | 2484.46              | 42.56               | -11.44           | 54                          | 37.11                     | 27.8                          | 14.72                  | 37.07                      | 110                  | 43                      | A                       | H               |
|                                           |      | 2389.1               | 53.64               | -20.36           | 74                          | 48.61                     | 27.49                         | 14.62                  | 37.08                      | 219                  | 336                     | P                       | V               |
|                                           |      | 2389.8               | 43.15               | -10.85           | 54                          | 38.11                     | 27.5                          | 14.62                  | 37.08                      | 219                  | 336                     | A                       | V               |
|                                           | *    | 2437                 | 118.32              | -                | -                           | 113.13                    | 27.6                          | 14.67                  | 37.08                      | 219                  | 336                     | P                       | V               |
|                                           | *    | 2437                 | 111.08              | -                | -                           | 105.89                    | 27.6                          | 14.67                  | 37.08                      | 219                  | 336                     | A                       | V               |
|                                           |      | 2486.14              | 57.95               | -16.05           | 74                          | 52.5                      | 27.8                          | 14.72                  | 37.07                      | 219                  | 336                     | P                       | V               |
|                                           |      | 2485.16              | 46.72               | -7.28            | 54                          | 41.27                     | 27.8                          | 14.72                  | 37.07                      | 219                  | 336                     | A                       | V               |
| 802.11ax<br>HE20 Full<br>CH 10<br>2457MHz | *    | 2457                 | 113.61              | -                | -                           | 108.43                    | 27.57                         | 14.69                  | 37.08                      | 100                  | 49                      | P                       | H               |
|                                           | *    | 2457                 | 103.67              | -                | -                           | 98.49                     | 27.57                         | 14.69                  | 37.08                      | 100                  | 49                      | A                       | H               |
|                                           |      | 2483.72              | 54.87               | -19.13           | 74                          | 49.42                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 49                      | P                       | H               |
|                                           |      | 2483.52              | 42.78               | -11.22           | 54                          | 37.33                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 49                      | A                       | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           | *    | 2457                 | 118.84              | -                | -                           | 113.66                    | 27.57                         | 14.69                  | 37.08                      | 203                  | 339                     | P                       | V               |
|                                           | *    | 2457                 | 109.72              | -                | -                           | 104.54                    | 27.57                         | 14.69                  | 37.08                      | 203                  | 339                     | A                       | V               |
|                                           |      | 2484.36              | 57.38               | -16.62           | 74                          | 51.93                     | 27.8                          | 14.72                  | 37.07                      | 203                  | 339                     | P                       | V               |
|                                           |      | 2483.52              | 45.81               | -8.19            | 54                          | 40.36                     | 27.8                          | 14.72                  | 37.07                      | 203                  | 339                     | A                       | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                       | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 11<br>2462MHz | *    | 2462                 | 111.9               | -                | -                           | 106.65                    | 27.62                         | 14.7                   | 37.07                      | 100                  | 223                     | P                       | H               |
|                                           | *    | 2462                 | 102.89              | -                | -                           | 97.64                     | 27.62                         | 14.7                   | 37.07                      | 100                  | 223                     | A                       | H               |
|                                           |      | 2485.6               | 59.21               | -14.79           | 74                          | 53.76                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 223                     | P                       | H               |
|                                           |      | 2483.56              | 46.9                | -7.1             | 54                          | 41.45                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 223                     | A                       | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           | *    | 2462                 | 115.42              | -                | -                           | 110.17                    | 27.62                         | 14.7                   | 37.07                      | 161                  | 160                     | P                       | V               |
|                                           | *    | 2462                 | 107.35              | -                | -                           | 102.1                     | 27.62                         | 14.7                   | 37.07                      | 161                  | 160                     | A                       | V               |
|                                           |      | 2484.4               | 62.36               | -11.64           | 74                          | 56.91                     | 27.8                          | 14.72                  | 37.07                      | 161                  | 160                     | P                       | V               |
|                                           |      | 2483.52              | 50.52               | -3.48            | 54                          | 45.07                     | 27.8                          | 14.72                  | 37.07                      | 161                  | 160                     | A                       | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20 Full<br>CH 12<br>2467MHz | *    | 2467                 | 108.81              | -                | -                           | 103.51                    | 27.67                         | 14.7                   | 37.07                      | 106                  | 41                      | P                       | H               |
|                                           | *    | 2467                 | 99.69               | -                | -                           | 94.39                     | 27.67                         | 14.7                   | 37.07                      | 106                  | 41                      | A                       | H               |
|                                           |      | 2483.52              | 56.9                | -17.1            | 74                          | 51.45                     | 27.8                          | 14.72                  | 37.07                      | 106                  | 41                      | P                       | H               |
|                                           |      | 2485.68              | 43.18               | -10.82           | 54                          | 37.73                     | 27.8                          | 14.72                  | 37.07                      | 106                  | 41                      | A                       | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                           | *    | 2467                 | 113.8               | -                | -                           | 108.5                     | 27.67                         | 14.7                   | 37.07                      | 222                  | 336                     | P                       | V               |
|                                           | *    | 2467                 | 104.62              | -                | -                           | 99.32                     | 27.67                         | 14.7                   | 37.07                      | 222                  | 336                     | A                       | V               |
|                                           |      | 2485.84              | 58.73               | -15.27           | 74                          | 53.28                     | 27.8                          | 14.72                  | 37.07                      | 222                  | 336                     | P                       | V               |
|                                           |      | 2485.52              | 47.34               | -6.66            | 54                          | 41.89                     | 27.8                          | 14.72                  | 37.07                      | 222                  | 336                     | A                       | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                       | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 13<br>2472MHz | *                                                                                           | 2472                 | 96.21               | -                | -                           | 90.85                     | 27.72                         | 14.71                  | 37.07                      | 107                  | 43                      | P                     | H             |
|                                           | *                                                                                           | 2472                 | 87.73               | -                | -                           | 82.37                     | 27.72                         | 14.71                  | 37.07                      | 107                  | 43                      | A                     | H             |
|                                           |                                                                                             | 2483.64              | 57.77               | -16.23           | 74                          | 52.32                     | 27.8                          | 14.72                  | 37.07                      | 107                  | 43                      | P                     | H             |
|                                           |                                                                                             | 2483.52              | 45.18               | -8.82            | 54                          | 39.73                     | 27.8                          | 14.72                  | 37.07                      | 107                  | 43                      | A                     | H             |
|                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | H             |
|                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | H             |
|                                           | *                                                                                           | 2472                 | 102.58              | -                | -                           | 97.22                     | 27.72                         | 14.71                  | 37.07                      | 191                  | 337                     | P                     | V             |
|                                           | *                                                                                           | 2472                 | 93.53               | -                | -                           | 88.17                     | 27.72                         | 14.71                  | 37.07                      | 191                  | 337                     | A                     | V             |
|                                           |                                                                                             | 2483.6               | 65.61               | -8.39            | 74                          | 60.16                     | 27.8                          | 14.72                  | 37.07                      | 191                  | 337                     | P                     | V             |
|                                           |                                                                                             | 2483.52              | 51.05               | -2.95            | 54                          | 45.6                      | 27.8                          | 14.72                  | 37.07                      | 191                  | 337                     | A                     | V             |
|                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
|                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       | V             |
|                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       |               |
|                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       |               |
| Remark                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                       |               |

[illegible]



| WIFI<br>Ant.<br>0+1                                                   | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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 06</b><br><b>2437MHz</b> |      | 4874                 | 41.76               | -32.24           | 74                          | 58.8                      | 32.65                         | 7.51                   | 57.2                       | -                    | -                       | P                       | H               |
|                                                                       |      | 7311                 | 51.4                | -22.6            | 74                          | 61.79                     | 36.96                         | 9.48                   | 56.83                      | 234                  | 110                     | P                       | H               |
|                                                                       |      | 7311                 | 39                  | -15              | 54                          | 49.39                     | 36.96                         | 9.48                   | 56.83                      | 234                  | 110                     | A                       | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                                       |      | 4874                 | 46.59               | -27.41           | 74                          | 63.63                     | 32.65                         | 7.51                   | 57.2                       | 168                  | 173                     | P                       | V               |
|                                                                       |      | 4874                 | 36.29               | -17.71           | 54                          | 53.33                     | 32.65                         | 7.51                   | 57.2                       | 168                  | 173                     | A                       | V               |
|                                                                       |      | 7311                 | 49.78               | -24.22           | 74                          | 60.17                     | 36.96                         | 9.48                   | 56.83                      | 100                  | 181                     | P                       | V               |
|                                                                       |      | 7311                 | 37.94               | -16.06           | 54                          | 48.33                     | 36.96                         | 9.48                   | 56.83                      | 100                  | 181                     | A                       | V               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                                       |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |

| WIFI<br>Ant.<br>0+1                       | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><br>( dBμV/m ) | Margin<br><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><br>(H/V) |   |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|----------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|-------------------|---|
| 802.11ax<br>HE20 Full<br>CH 11<br>2462MHz |                                                                                                                                         | 4924                     | 40.83                   | -33.17               | 74                          | 57.39                     | 32.84                         | 7.66                   | 57.06                      | -                    | -                       | P                     | H                 |   |
|                                           |                                                                                                                                         | 7386                     | 46.02                   | -27.98               | 74                          | 56.95                     | 36.58                         | 9.45                   | 56.96                      | -                    | -                       | P                     | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |   |
|                                           |                                                                                                                                         |                          | 4924                    | 41.91                | -32.09                      | 74                        | 58.47                         | 32.84                  | 7.66                       | 57.06                | -                       | -                     | P                 | V |
|                                           |                                                                                                                                         |                          | 7386                    | 44.83                | -29.17                      | 74                        | 55.76                         | 36.58                  | 9.45                       | 56.96                | -                       | -                     | 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. |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |
|                                           |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |   |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0+1                                  | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial 26/0<br>CH 01<br>2412MHz |      | 2389.856             | 51.6                | -22.4            | 74                          | 46.56                     | 27.5                          | 14.62                  | 37.08                      | 109                  | 219                     | P                       | H               |
|                                                      |      | 2389.52              | 40.15               | -13.85           | 54                          | 35.11                     | 27.5                          | 14.62                  | 37.08                      | 109                  | 219                     | A                       | H               |
|                                                      | *    | 2412                 | 115.97              | -                | -                           | 110.91                    | 27.5                          | 14.64                  | 37.08                      | 109                  | 219                     | P                       | H               |
|                                                      | *    | 2412                 | 108.58              | -                | -                           | 103.52                    | 27.5                          | 14.64                  | 37.08                      | 109                  | 219                     | A                       | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      | 2389.968             | 57.33               | -16.67           | 74                          | 52.29                     | 27.5                          | 14.62                  | 37.08                      | 233                  | 150                     | P                       | V               |
|                                                      |      | 2389.408             | 44.36               | -9.64            | 54                          | 39.33                     | 27.49                         | 14.62                  | 37.08                      | 233                  | 150                     | A                       | V               |
|                                                      | *    | 2412                 | 119.62              | -                | -                           | 114.56                    | 27.5                          | 14.64                  | 37.08                      | 233                  | 150                     | P                       | V               |
|                                                      | *    | 2412                 | 112.91              | -                | -                           | 107.85                    | 27.5                          | 14.64                  | 37.08                      | 233                  | 150                     | A                       | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial 26/0<br>CH 02<br>2417MHz |      | 2362.416             | 49.66               | -24.34           | 74                          | 44.86                     | 27.3                          | 14.59                  | 37.09                      | 100                  | 225                     | P                       | H               |
|                                                      |      | 2389.968             | 39.45               | -14.55           | 54                          | 34.41                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 225                     | A                       | H               |
|                                                      | *    | 2417                 | 114.61              | -                | -                           | 109.54                    | 27.5                          | 14.65                  | 37.08                      | 100                  | 225                     | P                       | H               |
|                                                      | *    | 2417                 | 108.1               | -                | -                           | 103.03                    | 27.5                          | 14.65                  | 37.08                      | 100                  | 225                     | A                       | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      | 2389.968             | 52.3                | -21.7            | 74                          | 47.26                     | 27.5                          | 14.62                  | 37.08                      | 234                  | 148                     | P                       | V               |
|                                                      |      | 2389.968             | 42.62               | -11.38           | 54                          | 37.58                     | 27.5                          | 14.62                  | 37.08                      | 234                  | 148                     | A                       | V               |
|                                                      | *    | 2417                 | 119.37              | -                | -                           | 114.3                     | 27.5                          | 14.65                  | 37.08                      | 234                  | 148                     | P                       | V               |
|                                                      | *    | 2417                 | 112.26              | -                | -                           | 107.19                    | 27.5                          | 14.65                  | 37.08                      | 234                  | 148                     | A                       | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                                  | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial 26/4<br>CH 06<br>2437MHz |      | 2389.1               | 49.38               | -24.62           | 74                          | 44.35                     | 27.49                         | 14.62                  | 37.08                      | 108                  | 222                     | P                       | H               |
|                                                      |      | 2389.66              | 39.1                | -14.9            | 54                          | 34.06                     | 27.5                          | 14.62                  | 37.08                      | 108                  | 222                     | A                       | H               |
|                                                      | *    | 2437                 | 119.17              | -                | -                           | 113.98                    | 27.6                          | 14.67                  | 37.08                      | 108                  | 222                     | P                       | H               |
|                                                      | *    | 2437                 | 111.22              | -                | -                           | 106.03                    | 27.6                          | 14.67                  | 37.08                      | 108                  | 222                     | A                       | H               |
|                                                      |      | 2484.39              | 50.35               | -23.65           | 74                          | 44.9                      | 27.8                          | 14.72                  | 37.07                      | 108                  | 222                     | P                       | H               |
|                                                      |      | 2483.62              | 39.99               | -14.01           | 54                          | 34.54                     | 27.8                          | 14.72                  | 37.07                      | 108                  | 222                     | A                       | H               |
|                                                      |      | 2389.94              | 51.37               | -22.63           | 74                          | 46.33                     | 27.5                          | 14.62                  | 37.08                      | 158                  | 155                     | P                       | V               |
|                                                      |      | 2389.94              | 41.4                | -12.6            | 54                          | 36.36                     | 27.5                          | 14.62                  | 37.08                      | 158                  | 155                     | A                       | V               |
|                                                      | *    | 2437                 | 121.25              | -                | -                           | 116.06                    | 27.6                          | 14.67                  | 37.08                      | 158                  | 155                     | P                       | V               |
|                                                      | *    | 2437                 | 114.51              | -                | -                           | 109.32                    | 27.6                          | 14.67                  | 37.08                      | 158                  | 155                     | A                       | V               |
|                                                      |      | 2483.69              | 52.51               | -21.49           | 74                          | 47.06                     | 27.8                          | 14.72                  | 37.07                      | 158                  | 155                     | P                       | V               |
|                                                      |      | 2483.9               | 41.89               | -12.11           | 54                          | 36.44                     | 27.8                          | 14.72                  | 37.07                      | 158                  | 155                     | A                       | V               |
| 802.11ax<br>HE20<br>Partial 26/8<br>CH 10<br>2457MHz | *    | 2457                 | 112.46              | -                | -                           | 107.28                    | 27.57                         | 14.69                  | 37.08                      | 122                  | 149                     | P                       | H               |
|                                                      | *    | 2457                 | 104.7               | -                | -                           | 99.52                     | 27.57                         | 14.69                  | 37.08                      | 122                  | 149                     | A                       | H               |
|                                                      |      | 2483.5               | 51.47               | -22.53           | 74                          | 46.02                     | 27.8                          | 14.72                  | 37.07                      | 122                  | 149                     | P                       | H               |
|                                                      |      | 2483.536             | 40.98               | -13.02           | 54                          | 35.53                     | 27.8                          | 14.72                  | 37.07                      | 122                  | 149                     | A                       | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      | *    | 2457                 | 115.96              | -                | -                           | 110.78                    | 27.57                         | 14.69                  | 37.08                      | 226                  | 156                     | P                       | V               |
|                                                      | *    | 2457                 | 109.66              | -                | -                           | 104.48                    | 27.57                         | 14.69                  | 37.08                      | 226                  | 156                     | A                       | V               |
|                                                      |      | 2483.68              | 53.74               | -20.26           | 74                          | 48.29                     | 27.8                          | 14.72                  | 37.07                      | 226                  | 156                     | P                       | V               |
|                                                      |      | 2483.536             | 43.84               | -10.16           | 54                          | 38.39                     | 27.8                          | 14.72                  | 37.07                      | 226                  | 156                     | A                       | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                                  | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial 26/8<br>CH 11<br>2462MHz | *    | 2462                 | 109.6               | -                | -                           | 104.35                    | 27.62                         | 14.7                   | 37.07                      | 109                  | 217                     | P                       | H               |
|                                                      | *    | 2462                 | 103.29              | -                | -                           | 98.04                     | 27.62                         | 14.7                   | 37.07                      | 109                  | 217                     | A                       | H               |
|                                                      |      | 2485.08              | 53.93               | -20.07           | 74                          | 48.48                     | 27.8                          | 14.72                  | 37.07                      | 109                  | 217                     | P                       | H               |
|                                                      |      | 2483.52              | 41.49               | -12.51           | 54                          | 36.04                     | 27.8                          | 14.72                  | 37.07                      | 109                  | 217                     | A                       | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      | *    | 2462                 | 118.79              | -                | -                           | 113.54                    | 27.62                         | 14.7                   | 37.07                      | 160                  | 160                     | P                       | V               |
|                                                      | *    | 2462                 | 112.22              | -                | -                           | 106.97                    | 27.62                         | 14.7                   | 37.07                      | 160                  | 160                     | A                       | V               |
|                                                      |      | 2483.92              | 57.16               | -16.84           | 74                          | 51.71                     | 27.8                          | 14.72                  | 37.07                      | 160                  | 160                     | P                       | V               |
|                                                      |      | 2485.36              | 44.35               | -9.65            | 54                          | 38.9                      | 27.8                          | 14.72                  | 37.07                      | 160                  | 160                     | A                       | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial 26/8<br>CH 12<br>2467MHz | *    | 2467                 | 114.8               | -                | -                           | 109.5                     | 27.67                         | 14.7                   | 37.07                      | 109                  | 146                     | P                       | H               |
|                                                      | *    | 2467                 | 107.94              | -                | -                           | 102.64                    | 27.67                         | 14.7                   | 37.07                      | 109                  | 146                     | A                       | H               |
|                                                      |      | 2483.6               | 59.02               | -14.98           | 74                          | 53.57                     | 27.8                          | 14.72                  | 37.07                      | 109                  | 146                     | P                       | H               |
|                                                      |      | 2483.96              | 45.31               | -8.69            | 54                          | 39.86                     | 27.8                          | 14.72                  | 37.07                      | 109                  | 146                     | A                       | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      | *    | 2467                 | 119.81              | -                | -                           | 114.51                    | 27.67                         | 14.7                   | 37.07                      | 180                  | 209                     | P                       | V               |
|                                                      | *    | 2467                 | 113.34              | -                | -                           | 108.04                    | 27.67                         | 14.7                   | 37.07                      | 180                  | 209                     | A                       | V               |
|                                                      |      | 2483.68              | 64.68               | -9.32            | 74                          | 59.23                     | 27.8                          | 14.72                  | 37.07                      | 180                  | 209                     | P                       | V               |
|                                                      |      | 2484.12              | 50.42               | -3.58            | 54                          | 44.97                     | 27.8                          | 14.72                  | 37.07                      | 180                  | 209                     | A                       | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                                  | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial 26/8<br>CH 13<br>2472MHz | *                                                                                           | 2472                 | 95.31               | -                | -                           | 89.95                     | 27.72                         | 14.71                  | 37.07                      | 126                  | 145                     | P                       | H               |
|                                                      | *                                                                                           | 2472                 | 87.6                | -                | -                           | 82.24                     | 27.72                         | 14.71                  | 37.07                      | 126                  | 145                     | A                       | H               |
|                                                      |                                                                                             | 2483.56              | 62.82               | -11.18           | 74                          | 57.37                     | 27.8                          | 14.72                  | 37.07                      | 126                  | 145                     | P                       | H               |
|                                                      |                                                                                             | 2483.52              | 46.19               | -7.81            | 54                          | 40.74                     | 27.8                          | 14.72                  | 37.07                      | 126                  | 145                     | A                       | H               |
|                                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      | *                                                                                           | 2472                 | 98.47               | -                | -                           | 93.11                     | 27.72                         | 14.71                  | 37.07                      | 184                  | 209                     | P                       | V               |
|                                                      | *                                                                                           | 2472                 | 91.52               | -                | -                           | 86.16                     | 27.72                         | 14.71                  | 37.07                      | 184                  | 209                     | A                       | V               |
|                                                      |                                                                                             | 2483.52              | 67.64               | -6.36            | 74                          | 62.19                     | 27.8                          | 14.72                  | 37.07                      | 184                  | 209                     | P                       | V               |
|                                                      |                                                                                             | 2483.52              | 50.42               | -3.58            | 54                          | 44.97                     | 27.8                          | 14.72                  | 37.07                      | 184                  | 209                     | A                       | V               |
|                                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                               | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |

**2.4GHz 2400~2483.5MHz**

## WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

[illegible]



| WIFI<br>Ant.<br>0+1                                  | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial 26/4<br>CH 06<br>2437MHz |      | 4874                 | 47.87               | -26.13           | 74                          | 64.91                     | 32.65                         | 7.51                   | 57.2                       | 240                  | 228                     | P                       | H               |
|                                                      |      | 4874                 | 37.44               | -16.56           | 54                          | 54.48                     | 32.65                         | 7.51                   | 57.2                       | 240                  | 228                     | A                       | H               |
|                                                      |      | 7311                 | 54.5                | -19.5            | 74                          | 64.89                     | 36.96                         | 9.48                   | 56.83                      | 239                  | 103                     | P                       | H               |
|                                                      |      | 7311                 | 41.86               | -12.14           | 54                          | 52.25                     | 36.96                         | 9.48                   | 56.83                      | 239                  | 103                     | A                       | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |      | 4874                 | 50.41               | -23.59           | 74                          | 67.45                     | 32.65                         | 7.51                   | 57.2                       | 148                  | 176                     | P                       | V               |
|                                                      |      | 4874                 | 40.35               | -13.65           | 54                          | 57.39                     | 32.65                         | 7.51                   | 57.2                       | 148                  | 176                     | A                       | V               |
|                                                      |      | 7311                 | 53.53               | -20.47           | 74                          | 63.92                     | 36.96                         | 9.48                   | 56.83                      | 100                  | 178                     | P                       | V               |
|                                                      |      | 7311                 | 40.15               | -13.85           | 54                          | 50.54                     | 36.96                         | 9.48                   | 56.83                      | 100                  | 178                     | A                       | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |

| WIFI<br>Ant.<br>0+1                                  | Note                                                                                                                                                                                                                                                              | Frequency<br><br>( MHz ) | Level<br><br>( dBμV/m ) | Margin<br><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><br>(H/V) |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|----------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|-------------------|
| 802.11ax<br>HE20<br>Partial 26/8<br>CH 11<br>2462MHz |                                                                                                                                                                                                                                                                   | 4924                     | 41.61                   | -32.39               | 74                          | 58.17                     | 32.84                         | 7.66                   | 57.06                      | -                    | -                       | P                     | H                 |
|                                                      |                                                                                                                                                                                                                                                                   | 7386                     | 46.39                   | -27.61               | 74                          | 57.32                     | 36.58                         | 9.45                   | 56.96                      | -                    | -                       | P                     | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         | H                     |                   |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         | H                     |                   |
|                                                      |                                                                                                                                                                                                                                                                   |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         | H                     |                   |
| Remark                                               | <div>1. No other spurious found.</div> <div>2. All results are PASS against Peak and Average limit line.</div> <div>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</div> |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0+1                                      | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial<br>52/37<br>CH 01<br>2412MHz |      | 2389.072             | 50.08               | -23.92           | 74                          | 45.05                     | 27.49                         | 14.62                  | 37.08                      | 110                  | 220                     | P                       | H               |
|                                                          |      | 2389.968             | 40.35               | -13.65           | 54                          | 35.31                     | 27.5                          | 14.62                  | 37.08                      | 110                  | 220                     | A                       | H               |
|                                                          | *    | 2412                 | 113.44              | -                | -                           | 108.38                    | 27.5                          | 14.64                  | 37.08                      | 110                  | 220                     | P                       | H               |
|                                                          | *    | 2412                 | 105.9               | -                | -                           | 100.84                    | 27.5                          | 14.64                  | 37.08                      | 110                  | 220                     | A                       | H               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          |      | 2388.96              | 56.06               | -17.94           | 74                          | 51.03                     | 27.49                         | 14.62                  | 37.08                      | 236                  | 147                     | P                       | V               |
|                                                          |      | 2389.968             | 44.33               | -9.67            | 54                          | 39.29                     | 27.5                          | 14.62                  | 37.08                      | 236                  | 147                     | A                       | V               |
|                                                          | *    | 2412                 | 118.43              | -                | -                           | 113.37                    | 27.5                          | 14.64                  | 37.08                      | 236                  | 147                     | P                       | V               |
|                                                          | *    | 2412                 | 110.1               | -                | -                           | 105.04                    | 27.5                          | 14.64                  | 37.08                      | 236                  | 147                     | A                       | V               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial<br>52/37<br>CH 02<br>2417MHz |      | 2389.856             | 49.53               | -24.47           | 74                          | 44.49                     | 27.5                          | 14.62                  | 37.08                      | 101                  | 221                     | P                       | H               |
|                                                          |      | 2389.968             | 39.5                | -14.5            | 54                          | 34.46                     | 27.5                          | 14.62                  | 37.08                      | 101                  | 221                     | A                       | H               |
|                                                          | *    | 2417                 | 113.06              | -                | -                           | 107.99                    | 27.5                          | 14.65                  | 37.08                      | 101                  | 221                     | P                       | H               |
|                                                          | *    | 2417                 | 105.55              | -                | -                           | 100.48                    | 27.5                          | 14.65                  | 37.08                      | 101                  | 221                     | A                       | H               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          |      | 2389.52              | 51.37               | -22.63           | 74                          | 46.33                     | 27.5                          | 14.62                  | 37.08                      | 200                  | 153                     | P                       | V               |
|                                                          |      | 2389.856             | 41.81               | -12.19           | 54                          | 36.77                     | 27.5                          | 14.62                  | 37.08                      | 200                  | 153                     | A                       | V               |
|                                                          | *    | 2417                 | 117.52              | -                | -                           | 112.45                    | 27.5                          | 14.65                  | 37.08                      | 200                  | 153                     | P                       | V               |
|                                                          | *    | 2417                 | 109.09              | -                | -                           | 104.02                    | 27.5                          | 14.65                  | 37.08                      | 200                  | 153                     | A                       | V               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                                      | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial<br>52/40<br>CH 10<br>2457MHz | *    | 2457                 | 111.55              | -                | -                           | 106.37                    | 27.57                         | 14.69                  | 37.08                      | 100                  | 152                     | P                       | H               |
|                                                          | *    | 2457                 | 103.5               | -                | -                           | 98.32                     | 27.57                         | 14.69                  | 37.08                      | 100                  | 152                     | A                       | H               |
|                                                          |      | 2486.272             | 50.21               | -23.79           | 74                          | 44.76                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 152                     | P                       | H               |
|                                                          |      | 2483.824             | 40.45               | -13.55           | 54                          | 35                        | 27.8                          | 14.72                  | 37.07                      | 100                  | 152                     | A                       | H               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          | *    | 2457                 | 115.82              | -                | -                           | 110.64                    | 27.57                         | 14.69                  | 37.08                      | 188                  | 162                     | P                       | V               |
|                                                          | *    | 2457                 | 107.38              | -                | -                           | 102.2                     | 27.57                         | 14.69                  | 37.08                      | 188                  | 162                     | A                       | V               |
|                                                          |      | 2484.88              | 53.37               | -20.63           | 74                          | 47.92                     | 27.8                          | 14.72                  | 37.07                      | 188                  | 162                     | P                       | V               |
|                                                          |      | 2483.968             | 42.84               | -11.16           | 54                          | 37.39                     | 27.8                          | 14.72                  | 37.07                      | 188                  | 162                     | A                       | V               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial<br>52/40<br>CH 11<br>2462MHz | *    | 2462                 | 112.18              | -                | -                           | 106.93                    | 27.62                         | 14.7                   | 37.07                      | 100                  | 232                     | P                       | H               |
|                                                          | *    | 2462                 | 103.63              | -                | -                           | 98.38                     | 27.62                         | 14.7                   | 37.07                      | 100                  | 232                     | A                       | H               |
|                                                          |      | 2483.92              | 52.42               | -21.58           | 74                          | 46.97                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 232                     | P                       | H               |
|                                                          |      | 2485.4               | 41.23               | -12.77           | 54                          | 35.78                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 232                     | A                       | H               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          | *    | 2462                 | 115.24              | -                | -                           | 109.99                    | 27.62                         | 14.7                   | 37.07                      | 157                  | 152                     | P                       | V               |
|                                                          | *    | 2462                 | 107.64              | -                | -                           | 102.39                    | 27.62                         | 14.7                   | 37.07                      | 157                  | 152                     | A                       | V               |
|                                                          |      | 2483.64              | 56.26               | -17.74           | 74                          | 50.81                     | 27.8                          | 14.72                  | 37.07                      | 157                  | 152                     | P                       | V               |
|                                                          |      | 2483.64              | 43.8                | -10.2            | 54                          | 38.35                     | 27.8                          | 14.72                  | 37.07                      | 157                  | 152                     | A                       | V               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                          |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                                      | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial<br>52/40<br>CH 12<br>2467MHz | *                                                                                           | 2467                 | 115.02              | -                | -                           | 109.72                    | 27.67                         | 14.7                   | 37.07                      | 106                  | 145                     | P                       | H               |
|                                                          | *                                                                                           | 2467                 | 106.35              | -                | -                           | 101.05                    | 27.67                         | 14.7                   | 37.07                      | 106                  | 145                     | A                       | H               |
|                                                          |                                                                                             | 2483.52              | 58.32               | -15.68           | 74                          | 52.87                     | 27.8                          | 14.72                  | 37.07                      | 106                  | 145                     | P                       | H               |
|                                                          |                                                                                             | 2483.52              | 45.42               | -8.58            | 54                          | 39.97                     | 27.8                          | 14.72                  | 37.07                      | 106                  | 145                     | A                       | H               |
|                                                          |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          | *                                                                                           | 2467                 | 117.77              | -                | -                           | 112.47                    | 27.67                         | 14.7                   | 37.07                      | 100                  | 207                     | P                       | V               |
|                                                          | *                                                                                           | 2467                 | 109.85              | -                | -                           | 104.55                    | 27.67                         | 14.7                   | 37.07                      | 100                  | 207                     | A                       | V               |
|                                                          |                                                                                             | 2485                 | 62.4                | -11.6            | 74                          | 56.95                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 207                     | P                       | V               |
|                                                          |                                                                                             | 2483.52              | 49.27               | -4.73            | 54                          | 43.82                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 207                     | A                       | V               |
|                                                          |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                          |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial<br>52/40<br>CH 13<br>2472MHz | *                                                                                           | 2472                 | 96.83               | -                | -                           | 91.47                     | 27.72                         | 14.71                  | 37.07                      | 100                  | 146                     | P                       | H               |
|                                                          | *                                                                                           | 2472                 | 87.75               | -                | -                           | 82.39                     | 27.72                         | 14.71                  | 37.07                      | 100                  | 146                     | A                       | H               |
|                                                          |                                                                                             | 2483.52              | 63.53               | -10.47           | 74                          | 58.08                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 146                     | P                       | H               |
|                                                          |                                                                                             | 2483.52              | 45.62               | -8.38            | 54                          | 40.17                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 146                     | A                       | H               |
|                                                          |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                          | *                                                                                           | 2472                 | 97.73               | -                | -                           | 92.37                     | 27.72                         | 14.71                  | 37.07                      | 158                  | 203                     | P                       | V               |
|                                                          | *                                                                                           | 2472                 | 89.06               | -                | -                           | 83.7                      | 27.72                         | 14.71                  | 37.07                      | 158                  | 203                     | A                       | V               |
|                                                          |                                                                                             | 2483.52              | 67.97               | -6.03            | 74                          | 62.52                     | 27.8                          | 14.72                  | 37.07                      | 158                  | 203                     | P                       | V               |
|                                                          |                                                                                             | 2483.52              | 50.42               | -3.58            | 54                          | 44.97                     | 27.8                          | 14.72                  | 37.07                      | 158                  | 203                     | A                       | V               |
|                                                          |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                          |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                                   | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## 2.4GHz 2400~2483.5MHz

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

| WIFI<br>Ant.<br>0+1                                       | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial<br>106/53<br>CH 01<br>2412MHz |      | 2388.848             | 49.79               | -24.21           | 74                          | 44.76                     | 27.49                         | 14.62                  | 37.08                      | 115                  | 223                     | P                       | H               |
|                                                           |      | 2389.968             | 39.54               | -14.46           | 54                          | 34.5                      | 27.5                          | 14.62                  | 37.08                      | 115                  | 223                     | A                       | H               |
|                                                           | *    | 2412                 | 111.33              | -                | -                           | 106.27                    | 27.5                          | 14.64                  | 37.08                      | 115                  | 223                     | P                       | H               |
|                                                           | *    | 2412                 | 102.56              | -                | -                           | 97.5                      | 27.5                          | 14.64                  | 37.08                      | 115                  | 223                     | A                       | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |      | 2389.856             | 56.86               | -17.14           | 74                          | 51.82                     | 27.5                          | 14.62                  | 37.08                      | 201                  | 163                     | P                       | V               |
|                                                           |      | 2389.968             | 44.23               | -9.77            | 54                          | 39.19                     | 27.5                          | 14.62                  | 37.08                      | 201                  | 163                     | A                       | V               |
|                                                           | *    | 2412                 | 117.62              | -                | -                           | 112.56                    | 27.5                          | 14.64                  | 37.08                      | 201                  | 163                     | P                       | V               |
|                                                           | *    | 2412                 | 109.34              | -                | -                           | 104.28                    | 27.5                          | 14.64                  | 37.08                      | 201                  | 163                     | A                       | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial<br>106/53<br>CH 02<br>2417MHz |      | 2347.296             | 49.22               | -24.78           | 74                          | 44.46                     | 27.27                         | 14.58                  | 37.09                      | 100                  | 232                     | P                       | H               |
|                                                           |      | 2389.968             | 39.09               | -14.91           | 54                          | 34.05                     | 27.5                          | 14.62                  | 37.08                      | 100                  | 232                     | A                       | H               |
|                                                           | *    | 2417                 | 112.63              | -                | -                           | 107.56                    | 27.5                          | 14.65                  | 37.08                      | 100                  | 232                     | P                       | H               |
|                                                           | *    | 2417                 | 103.32              | -                | -                           | 98.25                     | 27.5                          | 14.65                  | 37.08                      | 100                  | 232                     | A                       | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |      | 2389.856             | 49.99               | -24.01           | 74                          | 44.95                     | 27.5                          | 14.62                  | 37.08                      | 204                  | 168                     | P                       | V               |
|                                                           |      | 2389.968             | 40.57               | -13.43           | 54                          | 35.53                     | 27.5                          | 14.62                  | 37.08                      | 204                  | 168                     | A                       | V               |
|                                                           | *    | 2417                 | 117.04              | -                | -                           | 111.97                    | 27.5                          | 14.65                  | 37.08                      | 204                  | 168                     | P                       | V               |
|                                                           | *    | 2417                 | 108.89              | -                | -                           | 103.82                    | 27.5                          | 14.65                  | 37.08                      | 204                  | 168                     | A                       | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                                       | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial<br>106/54<br>CH 10<br>2457MHz | *    | 2457                 | 110.61              | -                | -                           | 105.43                    | 27.57                         | 14.69                  | 37.08                      | 100                  | 156                     | P                       | H               |
|                                                           | *    | 2457                 | 100.81              | -                | -                           | 95.63                     | 27.57                         | 14.69                  | 37.08                      | 100                  | 156                     | A                       | H               |
|                                                           |      | 2486.224             | 51.18               | -22.82           | 74                          | 45.73                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 156                     | P                       | H               |
|                                                           |      | 2483.536             | 40.13               | -13.87           | 54                          | 34.68                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 156                     | A                       | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           | *    | 2457                 | 114.25              | -                | -                           | 109.07                    | 27.57                         | 14.69                  | 37.08                      | 180                  | 220                     | P                       | V               |
|                                                           | *    | 2457                 | 105.35              | -                | -                           | 100.17                    | 27.57                         | 14.69                  | 37.08                      | 180                  | 220                     | A                       | V               |
|                                                           |      | 2483.584             | 51.71               | -22.29           | 74                          | 46.26                     | 27.8                          | 14.72                  | 37.07                      | 180                  | 220                     | P                       | V               |
|                                                           |      | 2483.584             | 42.07               | -11.93           | 54                          | 36.62                     | 27.8                          | 14.72                  | 37.07                      | 180                  | 220                     | A                       | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial<br>106/54<br>CH 11<br>2462MHz | *    | 2462                 | 113.12              | -                | -                           | 107.87                    | 27.62                         | 14.7                   | 37.07                      | 100                  | 222                     | P                       | H               |
|                                                           | *    | 2462                 | 104                 | -                | -                           | 98.75                     | 27.62                         | 14.7                   | 37.07                      | 100                  | 222                     | A                       | H               |
|                                                           |      | 2483.84              | 52.09               | -21.91           | 74                          | 46.64                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 222                     | P                       | H               |
|                                                           |      | 2483.52              | 41.7                | -12.3            | 54                          | 36.25                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 222                     | A                       | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           | *    | 2462                 | 114.95              | -                | -                           | 109.7                     | 27.62                         | 14.7                   | 37.07                      | 187                  | 159                     | P                       | V               |
|                                                           | *    | 2462                 | 106.56              | -                | -                           | 101.31                    | 27.62                         | 14.7                   | 37.07                      | 187                  | 159                     | A                       | V               |
|                                                           |      | 2484.6               | 55.19               | -18.81           | 74                          | 49.74                     | 27.8                          | 14.72                  | 37.07                      | 187                  | 159                     | P                       | V               |
|                                                           |      | 2483.52              | 43.8                | -10.2            | 54                          | 38.35                     | 27.8                          | 14.72                  | 37.07                      | 187                  | 159                     | A                       | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                                       | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial<br>106/54<br>CH 12<br>2467MHz | *                                                                                           | 2467                 | 110.64              | -                | -                           | 105.34                    | 27.67                         | 14.7                   | 37.07                      | 125                  | 146                     | P                       | H               |
|                                                           | *                                                                                           | 2467                 | 102.47              | -                | -                           | 97.17                     | 27.67                         | 14.7                   | 37.07                      | 125                  | 146                     | A                       | H               |
|                                                           |                                                                                             | 2483.68              | 60.97               | -13.03           | 74                          | 55.52                     | 27.8                          | 14.72                  | 37.07                      | 125                  | 146                     | P                       | H               |
|                                                           |                                                                                             | 2483.52              | 47.4                | -6.6             | 54                          | 41.95                     | 27.8                          | 14.72                  | 37.07                      | 125                  | 146                     | A                       | H               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           | *                                                                                           | 2467                 | 115.27              | -                | -                           | 109.97                    | 27.67                         | 14.7                   | 37.07                      | 137                  | 216                     | P                       | V               |
|                                                           | *                                                                                           | 2467                 | 106.72              | -                | -                           | 101.42                    | 27.67                         | 14.7                   | 37.07                      | 137                  | 216                     | A                       | V               |
|                                                           |                                                                                             | 2483.52              | 67.11               | -6.89            | 74                          | 61.66                     | 27.8                          | 14.72                  | 37.07                      | 137                  | 216                     | P                       | V               |
|                                                           |                                                                                             | 2483.52              | 52                  | -2               | 54                          | 46.55                     | 27.8                          | 14.72                  | 37.07                      | 137                  | 216                     | A                       | V               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial<br>106/54<br>CH 13<br>2472MHz | *                                                                                           | 2472                 | 98.01               | -                | -                           | 92.65                     | 27.72                         | 14.71                  | 37.07                      | 100                  | 231                     | P                       | H               |
|                                                           | *                                                                                           | 2472                 | 88.77               | -                | -                           | 83.41                     | 27.72                         | 14.71                  | 37.07                      | 100                  | 231                     | A                       | H               |
|                                                           |                                                                                             | 2483.6               | 62.32               | -11.68           | 74                          | 56.87                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 231                     | P                       | H               |
|                                                           |                                                                                             | 2483.52              | 46.17               | -7.83            | 54                          | 40.72                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 231                     | A                       | H               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           | *                                                                                           | 2472                 | 101.58              | -                | -                           | 96.22                     | 27.72                         | 14.71                  | 37.07                      | 100                  | 202                     | P                       | V               |
|                                                           | *                                                                                           | 2472                 | 91.75               | -                | -                           | 86.39                     | 27.72                         | 14.71                  | 37.07                      | 100                  | 202                     | A                       | V               |
|                                                           |                                                                                             | 2483.52              | 68.1                | -5.9             | 74                          | 62.65                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 202                     | P                       | V               |
|                                                           |                                                                                             | 2483.52              | 50.63               | -3.37            | 54                          | 45.18                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 202                     | A                       | V               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

| WIFI<br>Ant.<br>0+1                                       | Note | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial<br>242/61<br>CH 11<br>2462MHz | *    | 2462                 | 110.53              | -                | -                           | 105.28                    | 27.62                         | 14.7                   | 37.07                      | 111                  | 223                     | P                       | H               |
|                                                           | *    | 2462                 | 101.99              | -                | -                           | 96.74                     | 27.62                         | 14.7                   | 37.07                      | 111                  | 223                     | A                       | H               |
|                                                           |      | 2485.56              | 59.92               | -14.08           | 74                          | 54.47                     | 27.8                          | 14.72                  | 37.07                      | 111                  | 223                     | P                       | H               |
|                                                           |      | 2484.16              | 47.58               | -6.42            | 54                          | 42.13                     | 27.8                          | 14.72                  | 37.07                      | 111                  | 223                     | A                       | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           | *    | 2462                 | 115.08              | -                | -                           | 109.83                    | 27.62                         | 14.7                   | 37.07                      | 138                  | 213                     | P                       | V               |
|                                                           | *    | 2462                 | 105.86              | -                | -                           | 100.61                    | 27.62                         | 14.7                   | 37.07                      | 138                  | 213                     | A                       | V               |
|                                                           |      | 2484.36              | 63.47               | -10.53           | 74                          | 58.02                     | 27.8                          | 14.72                  | 37.07                      | 138                  | 213                     | P                       | V               |
|                                                           |      | 2483.52              | 51.44               | -2.56            | 54                          | 45.99                     | 27.8                          | 14.72                  | 37.07                      | 138                  | 213                     | A                       | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20<br>Partial<br>242/61<br>CH 12<br>2467MHz | *    | 2467                 | 109.5               | -                | -                           | 104.2                     | 27.67                         | 14.7                   | 37.07                      | 100                  | 216                     | P                       | H               |
|                                                           | *    | 2467                 | 100.66              | -                | -                           | 95.36                     | 27.67                         | 14.7                   | 37.07                      | 100                  | 216                     | A                       | H               |
|                                                           |      | 2484.08              | 59.12               | -14.88           | 74                          | 53.67                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 216                     | P                       | H               |
|                                                           |      | 2483.56              | 46.85               | -7.15            | 54                          | 41.4                      | 27.8                          | 14.72                  | 37.07                      | 100                  | 216                     | A                       | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           | *    | 2467                 | 113.32              | -                | -                           | 108.02                    | 27.67                         | 14.7                   | 37.07                      | 143                  | 218                     | P                       | V               |
|                                                           | *    | 2467                 | 103.16              | -                | -                           | 97.86                     | 27.67                         | 14.7                   | 37.07                      | 143                  | 218                     | A                       | V               |
|                                                           |      | 2483.56              | 64.59               | -9.41            | 74                          | 59.14                     | 27.8                          | 14.72                  | 37.07                      | 143                  | 218                     | P                       | V               |
|                                                           |      | 2483.52              | 52.39               | -1.61            | 54                          | 46.94                     | 27.8                          | 14.72                  | 37.07                      | 143                  | 218                     | A                       | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |      |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |



| WIFI<br>Ant.<br>0+1                                       | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<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<br>Partial<br>242/61<br>CH 13<br>2472MHz | *                                                                                           | 2472                 | 95.73               | -                | -                           | 90.37                     | 27.72                         | 14.71                  | 37.07                      | 100                  | 145                     | P                       | H               |
|                                                           | *                                                                                           | 2472                 | 87.56               | -                | -                           | 82.2                      | 27.72                         | 14.71                  | 37.07                      | 100                  | 145                     | A                       | H               |
|                                                           |                                                                                             | 2483.52              | 63.54               | -10.46           | 74                          | 58.09                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 145                     | P                       | H               |
|                                                           |                                                                                             | 2483.52              | 47.67               | -6.33            | 54                          | 42.22                     | 27.8                          | 14.72                  | 37.07                      | 100                  | 145                     | A                       | H               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                           | *                                                                                           | 2472                 | 101.31              | -                | -                           | 95.95                     | 27.72                         | 14.71                  | 37.07                      | 166                  | 162                     | P                       | V               |
|                                                           | *                                                                                           | 2472                 | 93.24               | -                | -                           | 87.88                     | 27.72                         | 14.71                  | 37.07                      | 166                  | 162                     | A                       | V               |
|                                                           |                                                                                             | 2483.52              | 68.02               | -5.98            | 74                          | 62.57                     | 27.8                          | 14.72                  | 37.07                      | 166                  | 162                     | P                       | V               |
|                                                           |                                                                                             | 2483.52              | 52.5                | -1.5             | 54                          | 47.05                     | 27.8                          | 14.72                  | 37.07                      | 166                  | 162                     | A                       | V               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                           |                                                                                             |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |



## Emission above 18GHz

## 2.4GHz WIFI 802.11ax HE20 Partial 242 (SHF)

[illegible]

## Emission below 1GHz

## 2.4GHz WIFI 802.11ax HE20 Partial 242 (LF)

[illegible]



&lt;Sample 2&gt;

2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

| WIFI Ant.                                                 | Note                                                                                        | Frequency | Level      | Margin | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol.    |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|---------|
| 0+1                                                       |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )    | ( dB )        | ( cm )  | ( deg )   | ( P/A )   | ( H/V ) |
| 802.11ax<br>HE20<br>Partial<br>242/61<br>CH 11<br>2462MHz | *                                                                                           | 2462      | 111.57     | -      | -          | 106.32     | 27.62          | 14.7      | 37.07         | 102     | 209       | P         | H       |
|                                                           | *                                                                                           | 2462      | 103.14     | -      | -          | 97.89      | 27.62          | 14.7      | 37.07         | 102     | 209       | A         | H       |
|                                                           |                                                                                             | 2483.52   | 59.42      | -14.58 | 74         | 53.97      | 27.8           | 14.72     | 37.07         | 102     | 209       | P         | H       |
|                                                           |                                                                                             | 2483.52   | 48.78      | -5.22  | 54         | 43.33      | 27.8           | 14.72     | 37.07         | 102     | 209       | A         | H       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | H       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | H       |
|                                                           | *                                                                                           | 2462      | 116.88     | -      | -          | 111.63     | 27.62          | 14.7      | 37.07         | 199     | 154       | P         | V       |
|                                                           | *                                                                                           | 2462      | 107.82     | -      | -          | 102.57     | 27.62          | 14.7      | 37.07         | 199     | 154       | A         | V       |
|                                                           |                                                                                             | 2483.6    | 61.23      | -12.77 | 74         | 55.78      | 27.8           | 14.72     | 37.07         | 199     | 154       | P         | V       |
|                                                           |                                                                                             | 2483.52   | 50.26      | -3.74  | 54         | 44.81      | 27.8           | 14.72     | 37.07         | 199     | 154       | A         | V       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | V       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | V       |
| Remark                                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |            |                |           |               |         |           |           |         |

**2.4GHz 2400~2483.5MHz**

## WIFI 802.11ax HE20 Partial 242 (Harmonic @ 3m)

[illegible]

## Emission above 18GHz

## 2.4GHz WIFI 802.11ax HE20 Partial 242 (SHF)

[illegible]

## Emission below 1GHz

## 2.4GHz WIFI 802.11ax HE20 Partial 242 (LF)

| WIFI                                            | Note                                                                                                                                                                                                                                             | Frequency | Level      | Margin | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                            |                                                                                                                                                                                                                                                  |           |            |        | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 0+1                                             |                                                                                                                                                                                                                                                  | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz<br>802.11ax<br>HE20<br>Partial 242<br>LF |                                                                                                                                                                                                                                                  | 31.94     | 32.93      | -7.07  | 40         | 40.01  | 24.14    | 1.12   | 32.34  | -      | -       | P     | H     |
|                                                 |                                                                                                                                                                                                                                                  | 89.17     | 32.31      | -11.19 | 43.5       | 48.62  | 14.52    | 1.44   | 32.27  | -      | -       | P     | H     |
|                                                 |                                                                                                                                                                                                                                                  | 186.17    | 32.22      | -11.28 | 43.5       | 47.9   | 14.72    | 1.8    | 32.2   | -      | -       | P     | H     |
|                                                 |                                                                                                                                                                                                                                                  | 268.62    | 33.44      | -12.56 | 46         | 44.24  | 19.28    | 2.04   | 32.12  | -      | -       | P     | H     |
|                                                 |                                                                                                                                                                                                                                                  | 603.27    | 37.66      | -8.34  | 46         | 41.57  | 25.6     | 2.72   | 32.23  | -      | -       | P     | H     |
|                                                 |                                                                                                                                                                                                                                                  | 852.56    | 33         | -13    | 46         | 32.15  | 29.4     | 3.18   | 31.73  | -      | -       | P     | H     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                 |                                                                                                                                                                                                                                                  | 43.58     | 30.76      | -9.24  | 40         | 44.21  | 17.58    | 1.26   | 32.29  | 100    | 159     | Q     | V     |
|                                                 |                                                                                                                                                                                                                                                  | 64.92     | 33.53      | -6.47  | 40         | 52.4   | 12       | 1.38   | 32.25  | -      | -       | P     | V     |
|                                                 |                                                                                                                                                                                                                                                  | 196.84    | 35.13      | -8.37  | 43.5       | 50.64  | 14.9     | 1.79   | 32.2   | -      | -       | P     | V     |
|                                                 |                                                                                                                                                                                                                                                  | 453.89    | 28.33      | -17.67 | 46         | 34.97  | 23.1     | 2.42   | 32.16  | -      | -       | P     | V     |
|                                                 |                                                                                                                                                                                                                                                  | 759.44    | 31.24      | -14.76 | 46         | 31.97  | 28.3     | 2.99   | 32.02  | -      | -       | P     | V     |
|                                                 |                                                                                                                                                                                                                                                  | 896.21    | 36.01      | -9.99  | 46         | 35.23  | 29       | 3.23   | 31.45  | -      | -       | P     | V     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
|                                                 |                                                                                                                                                                                                                                                  |           |            |        |            |        |          |        |        |        |         | V     |       |
| Remark                                          | 1. No other spurious found.<br>2. All results are PASS against limit line.<br>3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only. |           |            |        |            |        |          |        |        |        |         |       |       |



&lt;Sample 3&gt;

2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

| WIFI Ant.                                                 | Note                                                                                        | Frequency | Level      | Margin | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol.    |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|---------|
| 0+1                                                       |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )    | ( dB )        | ( cm )  | ( deg )   | ( P/A )   | ( H/V ) |
| 802.11ax<br>HE20<br>Partial<br>242/61<br>CH 11<br>2462MHz | *                                                                                           | 2462      | 111.75     | -      | -          | 106.5      | 27.62          | 14.7      | 37.07         | 103     | 211       | P         | H       |
|                                                           | *                                                                                           | 2462      | 103.35     | -      | -          | 98.1       | 27.62          | 14.7      | 37.07         | 103     | 211       | A         | H       |
|                                                           |                                                                                             | 2483.6    | 62.67      | -11.33 | 74         | 57.22      | 27.8           | 14.72     | 37.07         | 103     | 211       | P         | H       |
|                                                           |                                                                                             | 2483.52   | 52.12      | -1.88  | 54         | 46.67      | 27.8           | 14.72     | 37.07         | 103     | 211       | A         | H       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | H       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | H       |
|                                                           | *                                                                                           | 2462      | 115.87     | -      | -          | 110.62     | 27.62          | 14.7      | 37.07         | 200     | 154       | P         | V       |
|                                                           | *                                                                                           | 2462      | 108.35     | -      | -          | 103.1      | 27.62          | 14.7      | 37.07         | 200     | 154       | A         | V       |
|                                                           |                                                                                             | 2483.68   | 63.93      | -10.07 | 74         | 58.48      | 27.8           | 14.72     | 37.07         | 200     | 154       | P         | V       |
|                                                           |                                                                                             | 2483.52   | 52.91      | -1.09  | 54         | 47.46      | 27.8           | 14.72     | 37.07         | 200     | 154       | A         | V       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | V       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | V       |
| Remark                                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |            |                |           |               |         |           |           |         |

**2.4GHz 2400~2483.5MHz**

### WIFI 802.11ax HE20 Partial 242 (Harmonic @ 3m)

| WIFI<br>Ant.<br>0+1                                               | Note                                                                                                                                    | Frequency<br><br>( MHz ) | Level<br><br>( dBμV/m ) | Margin<br><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><br>(H/V) |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|----------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|-------------------|
| 802.11ax<br><br>HE20<br><br>Partial<br>242/61<br>CH 11<br>2462MHz |                                                                                                                                         | 4924                     | 40.21                   | -33.79               | 74                          | 56.77                     | 32.84                         | 7.66                   | 57.06                      | -                    | -                       | P                     | H                 |
|                                                                   |                                                                                                                                         | 7386                     | 45.7                    | -28.3                | 74                          | 56.63                     | 36.58                         | 9.45                   | 56.96                      | -                    | -                       | P                     | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
|                                                                   |                                                                                                                                         |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       | H                 |
| Remark                                                            | 1. No other spurious found.                                                                                                             |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |
|                                                                   | 2. All results are PASS against limit line.                                                                                             |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |
|                                                                   | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                          |                         |                      |                             |                           |                               |                        |                            |                      |                         |                       |                   |

## Emission above 18GHz

## 2.4GHz WIFI 802.11ax HE20 Partial 242 (SHF)

[illegible]

## Emission below 1GHz

## 2.4GHz WIFI 802.11ax HE20 Partial 242 (LF)

| WIFI                                                                                                                                                               | Note   | Frequency                   | Level      | Margin | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                                                                                                                                               |        |                             |            |        | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 0+1                                                                                                                                                                |        | ( MHz )                     | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz<br>802.11ax<br>HE20<br>Partial 242<br>LF                                                                                                                    |        | 53.28                       | 31.51      | -8.49  | 40         | 49.51  | 12.99    | 1.24   | 32.23  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 158.04                      | 28.59      | -14.91 | 43.5       | 42.44  | 16.6     | 1.74   | 32.19  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 210.42                      | 33.63      | -9.87  | 43.5       | 48.92  | 15.07    | 1.83   | 32.19  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 305.48                      | 25.84      | -20.16 | 46         | 36.47  | 19.31    | 2.14   | 32.08  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 729.37                      | 32.69      | -13.31 | 46         | 34.34  | 27.49    | 2.95   | 32.09  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 903.97                      | 37.16      | -8.84  | 46         | 36.25  | 29.08    | 3.23   | 31.4   | -      | -       | P     | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        | 30.97                       | 32.43      | -7.57  | 40         | 38.84  | 24.81    | 1.1    | 32.32  | -      | -       | P     | V     |
|                                                                                                                                                                    |        | 43.58                       | 30.11      | -9.89  | 40         | 43.56  | 17.58    | 1.26   | 32.29  | 100    | 85      | Q     | V     |
|                                                                                                                                                                    |        | 159.01                      | 26.8       | -16.7  | 43.5       | 40.64  | 16.6     | 1.75   | 32.19  | -      | -       | P     | V     |
|                                                                                                                                                                    |        | 286.08                      | 24.6       | -21.4  | 46         | 35.67  | 18.94    | 2.09   | 32.1   | -      | -       | P     | V     |
|                                                                                                                                                                    |        | 620.73                      | 27.99      | -18.01 | 46         | 31.42  | 26.04    | 2.75   | 32.22  | -      | -       | P     | V     |
|                                                                                                                                                                    |        | 896.21                      | 39.82      | -6.18  | 46         | 39.04  | 29       | 3.23   | 31.45  | -      | -       | P     | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    | Remark | 1. No other spurious found. |            |        |            |        |          |        |        |        |         |       |       |
| 2. All results are PASS against limit line.                                                                                                                        |        |                             |            |        |            |        |          |        |        |        |         |       |       |
| 3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only. |        |                             |            |        |            |        |          |        |        |        |         |       |       |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       |       |



&lt;Sample 4&gt;

2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

| WIFI Ant.                                                 | Note                                                                                        | Frequency | Level      | Margin | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol.    |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|---------|
| 0+1                                                       |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )    | ( dB )        | ( cm )  | ( deg )   | ( P/A )   | ( H/V ) |
| 802.11ax<br>HE20<br>Partial<br>242/61<br>CH 11<br>2462MHz | *                                                                                           | 2462      | 111.54     | -      | -          | 106.29     | 27.62          | 14.7      | 37.07         | 104     | 212       | P         | H       |
|                                                           | *                                                                                           | 2462      | 103.57     | -      | -          | 98.32      | 27.62          | 14.7      | 37.07         | 104     | 212       | A         | H       |
|                                                           |                                                                                             | 2483.76   | 61.96      | -12.04 | 74         | 56.51      | 27.8           | 14.72     | 37.07         | 104     | 212       | P         | H       |
|                                                           |                                                                                             | 2483.52   | 49.96      | -4.04  | 54         | 44.51      | 27.8           | 14.72     | 37.07         | 104     | 212       | A         | H       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | H       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | H       |
|                                                           | *                                                                                           | 2462      | 115.89     | -      | -          | 110.64     | 27.62          | 14.7      | 37.07         | 197     | 152       | P         | V       |
|                                                           | *                                                                                           | 2462      | 107.75     | -      | -          | 102.5      | 27.62          | 14.7      | 37.07         | 197     | 152       | A         | V       |
|                                                           |                                                                                             | 2483.64   | 59.27      | -14.73 | 74         | 53.82      | 27.8           | 14.72     | 37.07         | 197     | 152       | P         | V       |
|                                                           |                                                                                             | 2483.52   | 49.72      | -4.28  | 54         | 44.27      | 27.8           | 14.72     | 37.07         | 197     | 152       | A         | V       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | V       |
|                                                           |                                                                                             |           |            |        |            |            |                |           |               |         |           |           | V       |
| Remark                                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |            |                |           |               |         |           |           |         |

**2.4GHz 2400~2483.5MHz**

### WIFI 802.11ax HE20 Partial 242 (Harmonic @ 3m)

[illegible]

## Emission above 18GHz

## 2.4GHz WIFI 802.11ax HE20 Partial 242 (SHF)

| WIFI                                                        | Note                                                                                                                                                                                                                  | Frequency | Level      | Margin | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                                        |                                                                                                                                                                                                                       |           |            |        | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 0+1                                                         |                                                                                                                                                                                                                       | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| <b>2.4GHz<br/>802.11ax<br/>HE20<br/>Partial 242<br/>SHF</b> |                                                                                                                                                                                                                       | 24664     | 41.07      | -32.93 | 74         | 57.68  | 39.23    | -2.41  | 53.43  | -      | -       | P     | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                                             |                                                                                                                                                                                                                       | 23992     | 41.85      | -32.15 | 74         | 59.7   | 38.7     | -2.65  | 53.9   | -      | -       | P     | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                                             |                                                                                                                                                                                                                       |           |            |        |            |        |          |        |        |        |         | V     |       |
| <b>Remark</b>                                               | 1. No other spurious found.<br>2. All results are PASS against limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |           |            |        |            |        |          |        |        |        |         |       |       |

## Emission below 1GHz

## 2.4GHz WIFI 802.11ax HE20 Partial 242 (LF)

| WIFI                                                                                                                                                               | Note   | Frequency                   | Level      | Margin | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                                                                                                                                               |        |                             |            |        | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 0+1                                                                                                                                                                |        | ( MHz )                     | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz<br>802.11ax<br>HE20<br>Partial 242<br>LF                                                                                                                    |        | 53.28                       | 29.51      | -10.49 | 40         | 47.51  | 12.99    | 1.24   | 32.23  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 158.04                      | 30.59      | -12.91 | 43.5       | 44.44  | 16.6     | 1.74   | 32.19  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 188.11                      | 28.48      | -15.02 | 43.5       | 44.09  | 14.79    | 1.8    | 32.2   | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 442.25                      | 26.26      | -19.74 | 46         | 33.13  | 22.9     | 2.39   | 32.16  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 729.37                      | 32.69      | -13.31 | 46         | 34.34  | 27.49    | 2.95   | 32.09  | -      | -       | P     | H     |
|                                                                                                                                                                    |        | 896.21                      | 35.9       | -10.1  | 46         | 35.12  | 29       | 3.23   | 31.45  | -      | -       | P     | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | H     |
|                                                                                                                                                                    |        | 43.58                       | 30.07      | -9.93  | 40         | 43.52  | 17.58    | 1.26   | 32.29  | 100    | 135     | Q     | V     |
|                                                                                                                                                                    |        | 120.21                      | 28.49      | -15.01 | 43.5       | 41.71  | 17.48    | 1.56   | 32.26  | -      | -       | P     | V     |
|                                                                                                                                                                    |        | 184.23                      | 22.66      | -20.84 | 43.5       | 38.27  | 14.8     | 1.79   | 32.2   | -      | -       | P     | V     |
|                                                                                                                                                                    |        | 260.86                      | 23.28      | -22.72 | 46         | 33.39  | 20       | 2.02   | 32.13  | -      | -       | P     | V     |
|                                                                                                                                                                    |        | 798.24                      | 32.05      | -13.95 | 46         | 32.87  | 28.04    | 3.05   | 31.91  | -      | -       | P     | V     |
|                                                                                                                                                                    |        | 899.12                      | 36.5       | -9.5   | 46         | 35.71  | 29       | 3.23   | 31.44  | -      | -       | P     | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       | V     |
|                                                                                                                                                                    | Remark | 1. No other spurious found. |            |        |            |        |          |        |        |        |         |       |       |
| 2. All results are PASS against limit line.                                                                                                                        |        |                             |            |        |            |        |          |        |        |        |         |       |       |
| 3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only. |        |                             |            |        |            |        |          |        |        |        |         |       |       |
|                                                                                                                                                                    |        |                             |            |        |            |        |          |        |        |        |         |       |       |



**Note symbol**

|     |                                                                                                                                                          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| !   | Test result is <b>Margin</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      | Margin | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            |        | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 0+1     |      | ( 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. Margin (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. Margin (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. Margin (dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 43.54(dBμV/m) – 54(dBμV/m)  
= -10.46(dB)

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



## Appendix D. Radiated Spurious Emission Plots

|                 |                                     |                     |         |
|-----------------|-------------------------------------|---------------------|---------|
| Test Engineer : | Jacky Hung, Mancy Chou and Rain Lee | Temperature :       | 20~26°C |
|                 |                                     | Relative Humidity : | 40~65%  |

### Note symbol

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



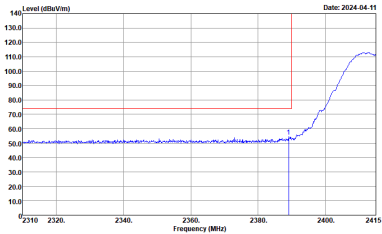
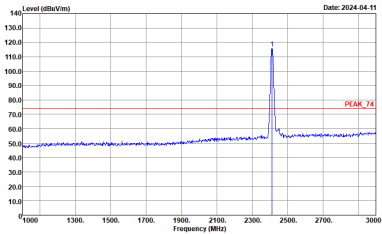
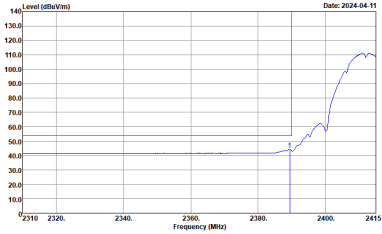
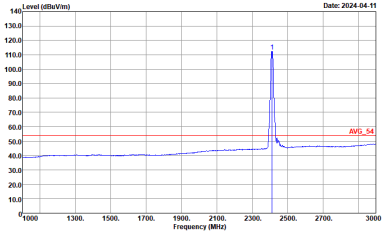
&lt;Sample 1&gt;

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                          |                                                                                                                            |
|------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH01 2412MHz                                                                                                          |                                                                                                                            |
| 0+1  | Horizontal                                                                                                                    | Fundamental                                                                                                                |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

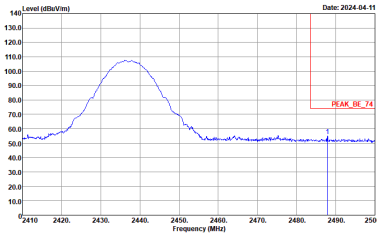
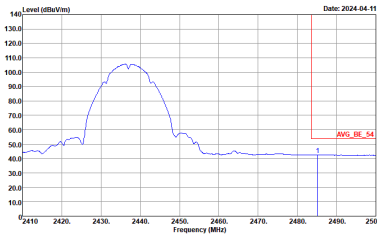


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                          |                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH01 2412MHz                                                                                                                                                                                          |                                                                                                                                                                                                             |
| 0+1  | Vertical                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                            |                                                                                                                              |
|------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH06 2437MHz - L                                                                                                        |                                                                                                                              |
| 0+1  | Horizontal                                                                                                                      | Fundamental                                                                                                                  |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

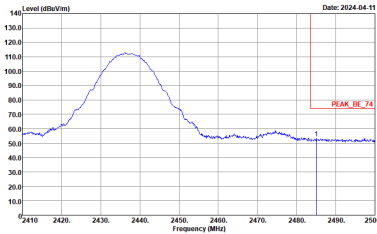
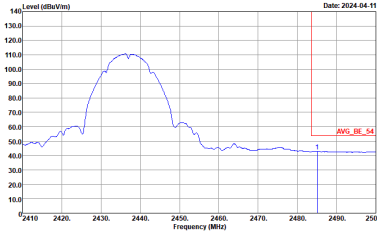


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                        |             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11b CH06 2437MHz - R                                                                                                                                                                                                    |             |
| 0+1  | Horizontal                                                                                                                                                                                                                  | Fundamental |
| Peak | <div><p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank  |

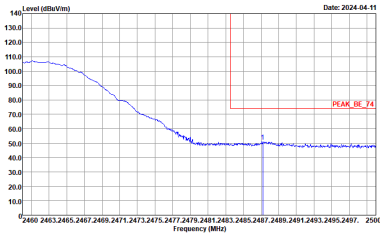
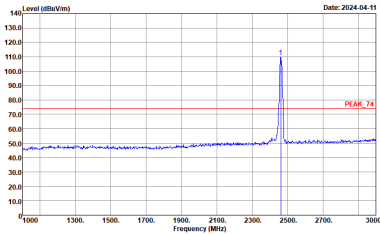
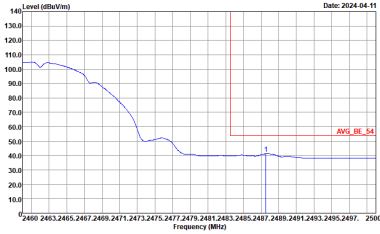
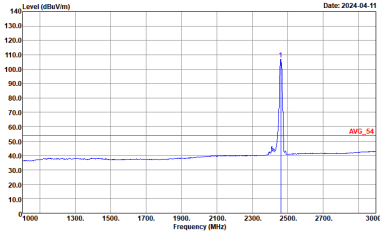


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                        |                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH06 2437MHz - L                                                                                                    |                                                                                                                          |
| 0+1  | Vertical                                                                                                                    | Fundamental                                                                                                              |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

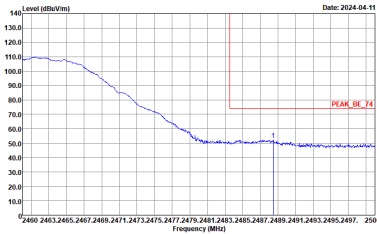
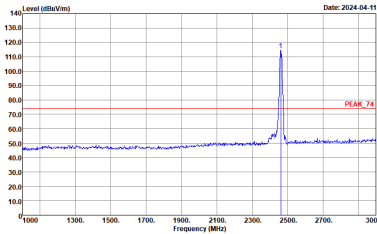
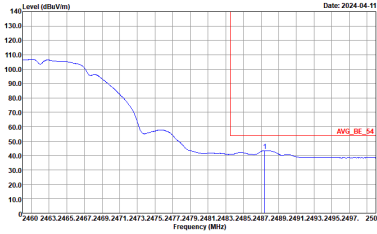
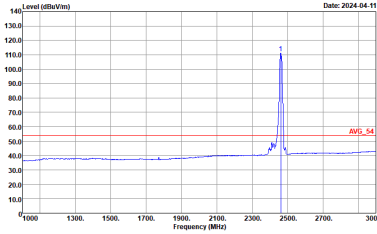


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                      |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11b CH06 2437MHz - R                                                                                                                                                                                                  |             |
| 0+1  | Vertical                                                                                                                                                                                                                  | Fundamental |
| Peak | <div><p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank  |

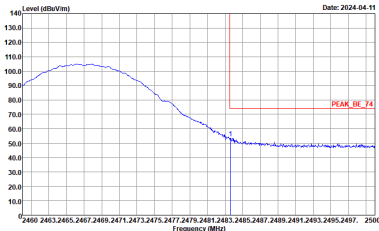
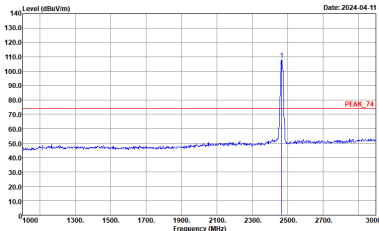
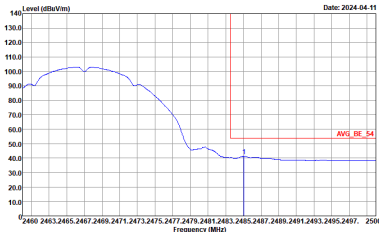
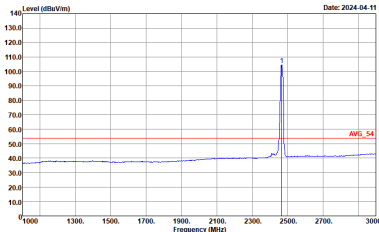


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH11 2462MHz                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

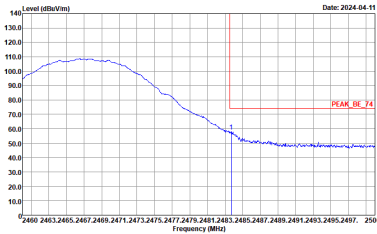
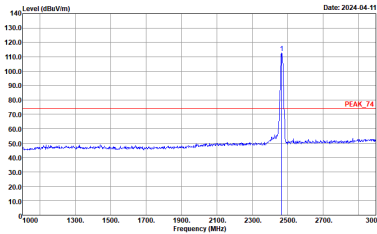
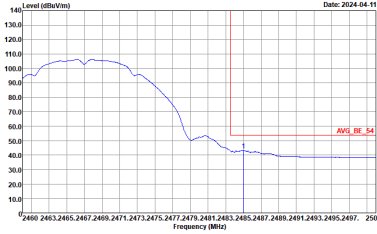
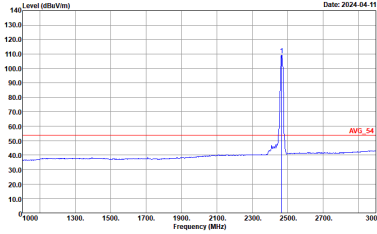


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH11 2462MHz                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
| 0+1  | Vertical                                                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH12 2467MHz                                                                                                                                                                                            |                                                                                                                                                                                                               |
| 0+1  | Horizontal                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                          |                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH12 2467MHz                                                                                                                                                                                          |                                                                                                                                                                                                             |
| 0+1  | Vertical                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



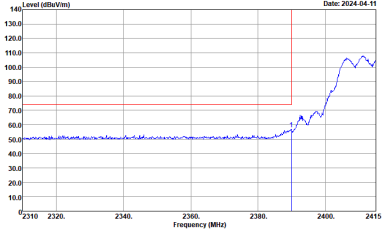
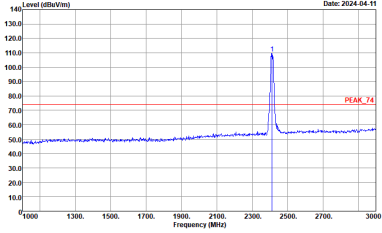
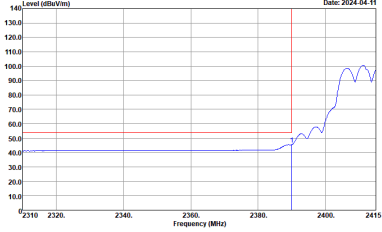
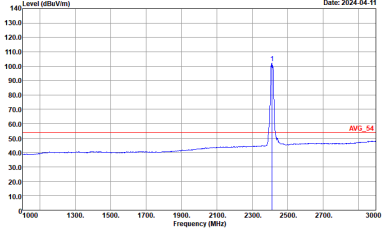
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                     |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH13 2472MHz                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                     |
| 0+1  | Horizontal                                                                                                                                                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                                                                                                                                         |
| Peak | <p>Horizontal Peak Spectrum Plot showing Level (dBm/100kHz) vs Frequency (MHz) from 2400 to 2500 MHz. The plot shows a broad peak around 2472 MHz. A red line indicates the peak level at 2472 MHz, labeled 'PEAK_BE_74'.</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  | <p>Fundamental Peak Spectrum Plot showing Level (dBm/100kHz) vs Frequency (MHz) from 1000 to 3000 MHz. The plot shows a sharp peak at 2472 MHz. A red line indicates the peak level at 2472 MHz, labeled 'PEAK_74'.</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>  |
|      | <p>Horizontal Average Spectrum Plot showing Level (dBm/100kHz) vs Frequency (MHz) from 2400 to 2500 MHz. The plot shows a broad peak around 2472 MHz. A red line indicates the average level at 2472 MHz, labeled 'AVG_BE_54'.</p> <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p> | <p>Fundamental Average Spectrum Plot showing Level (dBm/100kHz) vs Frequency (MHz) from 1000 to 3000 MHz. The plot shows a sharp peak at 2472 MHz. A red line indicates the average level at 2472 MHz, labeled 'AVG_54'.</p> <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p> |



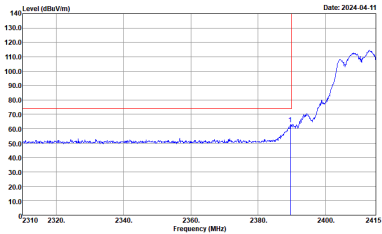
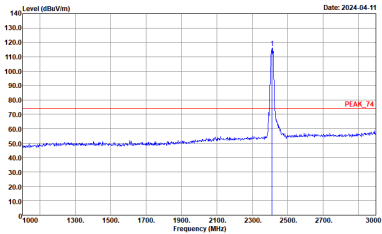
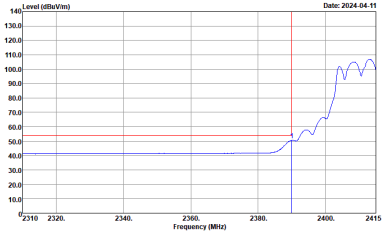
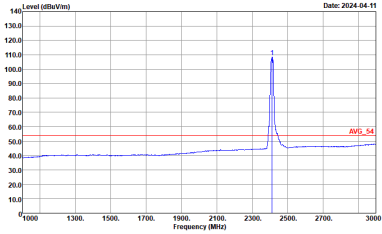
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                        |                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11b CH13 2472MHz                                                                                                        |                                                                                                                          |
| 0+1  | Vertical                                                                                                                    | Fundamental                                                                                                              |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |



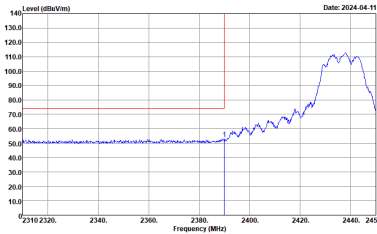
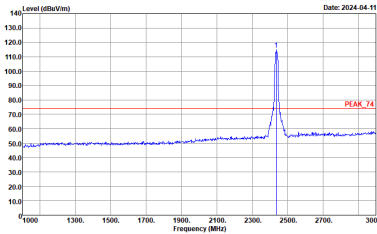
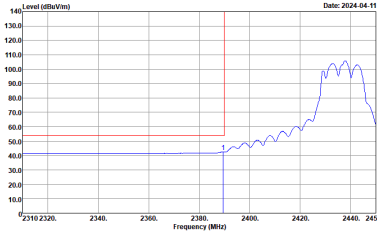
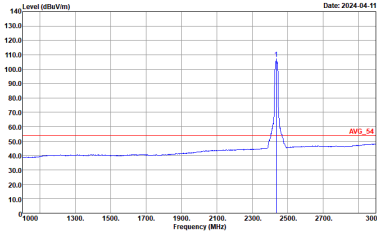
2.4GHz 2400~2483.5MHz  
WIFI 802.11g (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH01 2412MHz                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

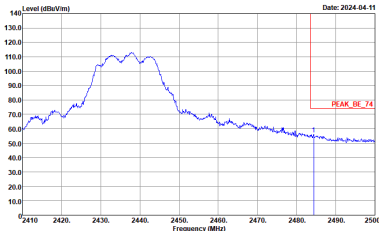
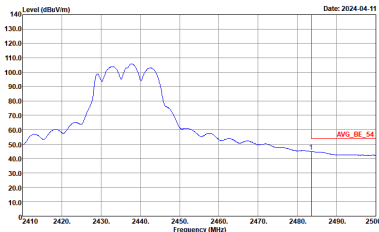


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH01 2412MHz                                                                                                                                                                                            |                                                                                                                                                                                                               |
| 0+1  | Vertical                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |
| Avg. |                                                                                                                                                                                                                 |                                                                                                                                                                                                               |

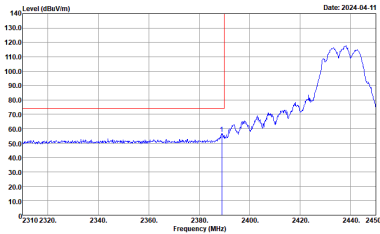
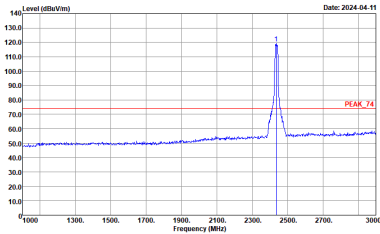
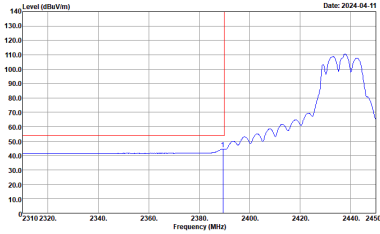
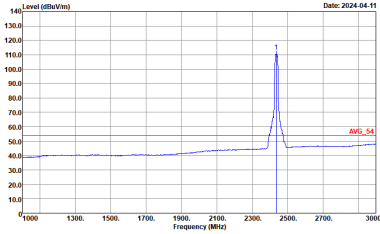


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH06 2437MHz - L                                                                                                                                                                                          |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

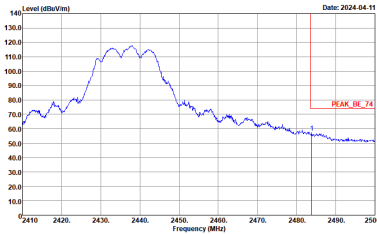
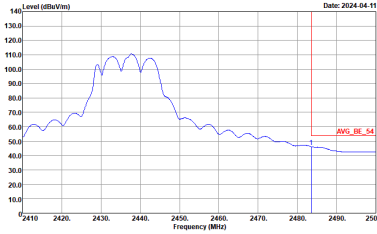


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                      |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11g CH06 2437MHz - R                                                                                                                                                                                                  |             |
| 0+1  | Horizontal                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank  |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH06 2437MHz - L                                                                                                                                                                                        |                                                                                                                                                                                                               |
| 0+1  | Vertical                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

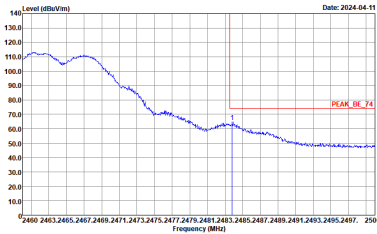
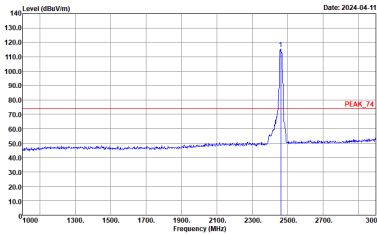
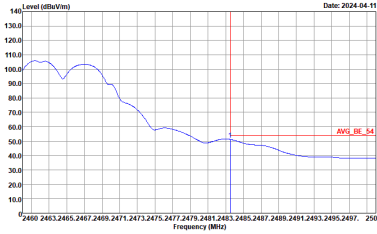
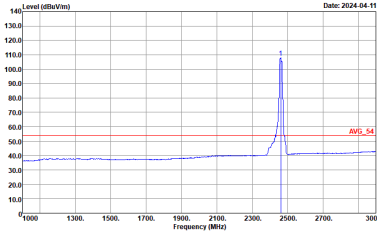


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                      |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11g CH06 2437MHz - R                                                                                                                                                                                                  |             |
| 0+1  | Vertical                                                                                                                                                                                                                  | Fundamental |
| Peak | <div><p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div> | Left Blank  |
| Avg. | <div><p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p></div>   | Left Blank  |

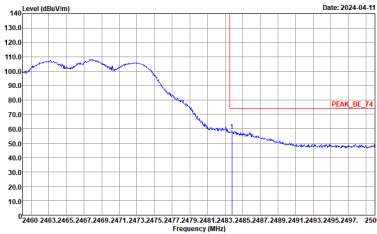
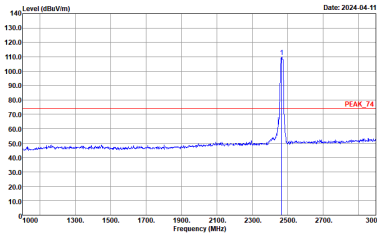
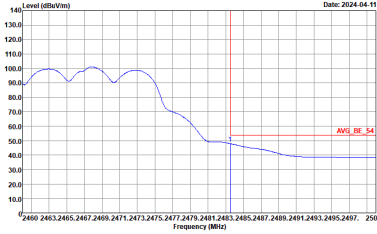
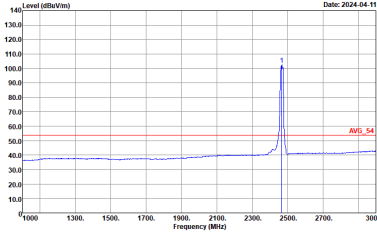


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                          |                                                                                                                            |
|------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH11 2462MHz                                                                                                          |                                                                                                                            |
| 0+1  | Horizontal                                                                                                                    | Fundamental                                                                                                                |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

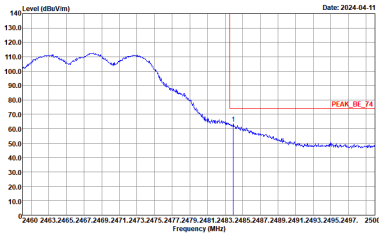
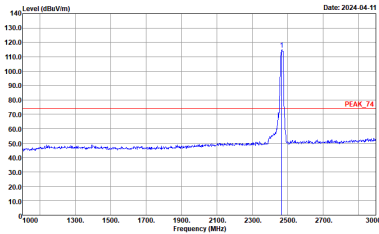
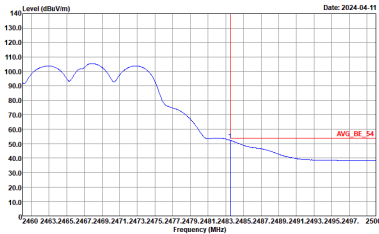
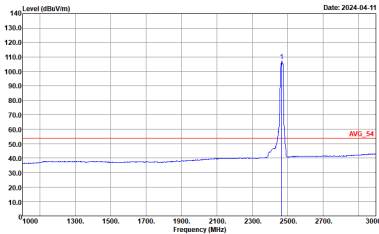


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH11 2462MHz                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
| 0+1  | Vertical                                                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
|      |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   |
| Avg. |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |

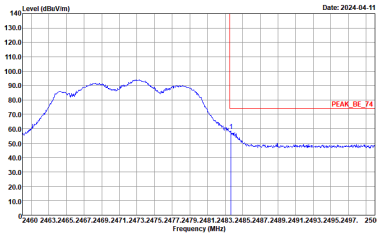
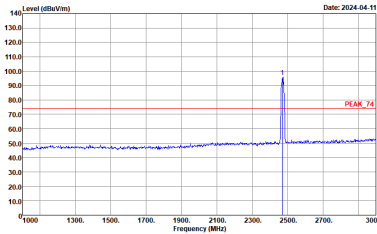
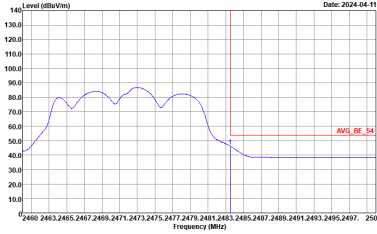
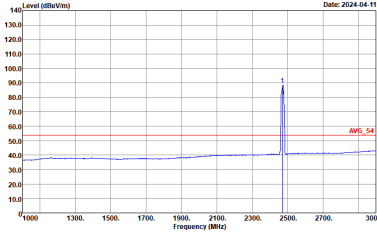


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH12 2467MHz                                                                                                                                                                                            |                                                                                                                                                                                                               |
| 0+1  | Horizontal                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |                                                                                                                                                                                                                 |                                                                                                                                                                                                               |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |
|      |                                                                                                                                                                                                                 |                                                                                                                                                                                                               |

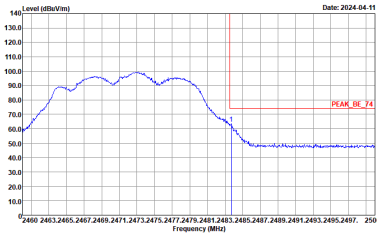
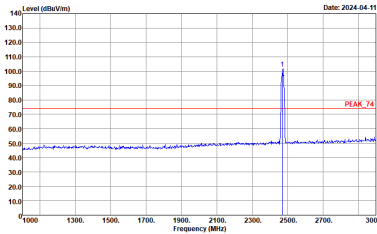
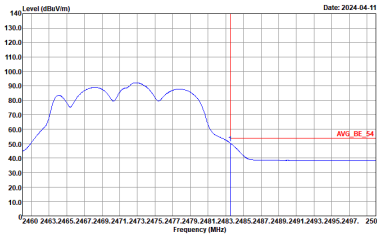
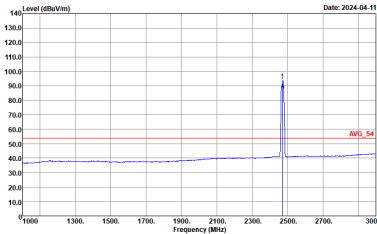


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH12 2467MHz                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
| 0+1  | Vertical                                                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |
| Avg. |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH13 2472MHz                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   |

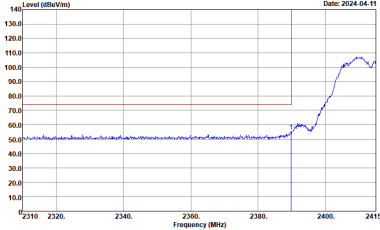
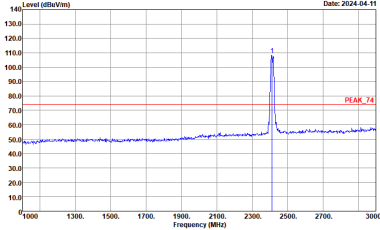
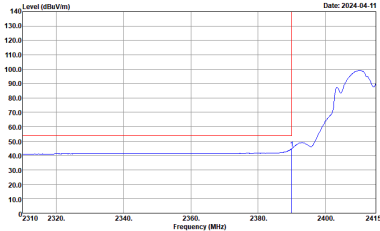
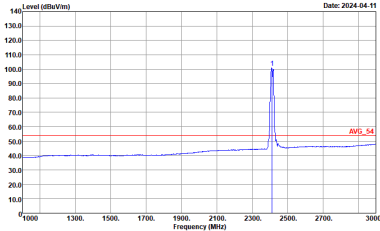


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                          |                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11g CH13 2472MHz                                                                                                                                                                                          |                                                                                                                                                                                                             |
| 0+1  | Vertical                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   |

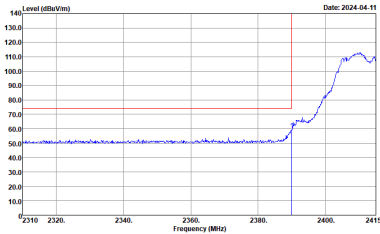
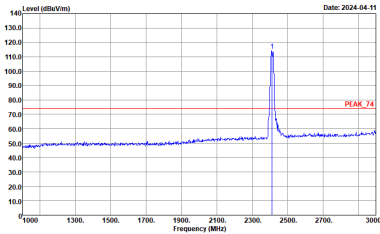
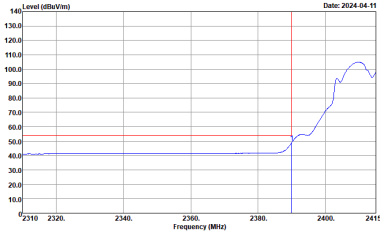
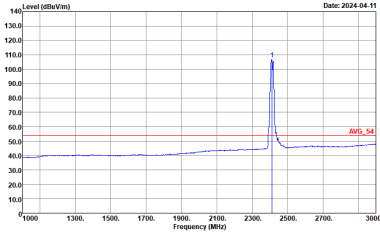


## 2.4GHz 2400~2483.5MHz

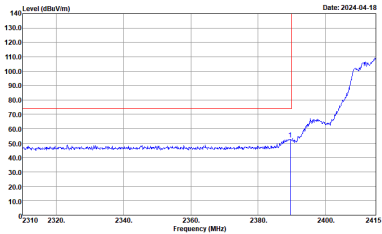
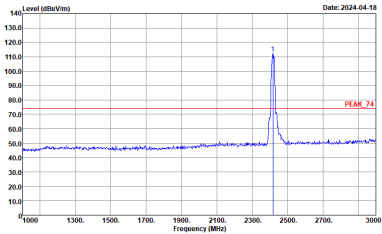
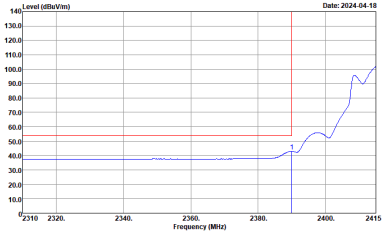
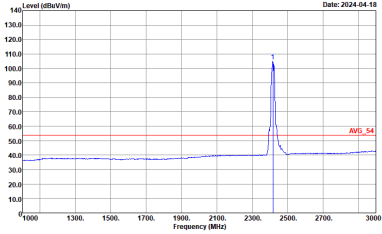
## WIFI 802.11ac VHT20 (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH01 2412MHz                                                                                                                                                                                       |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

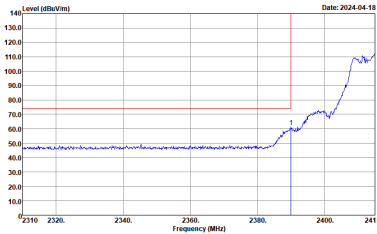
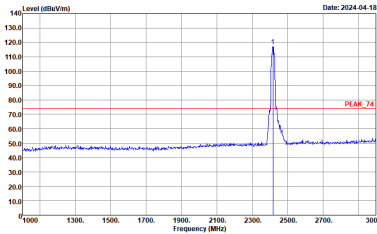
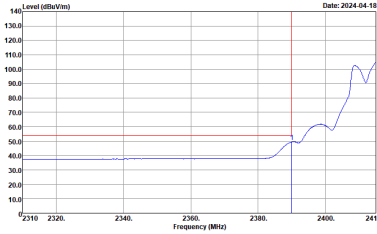
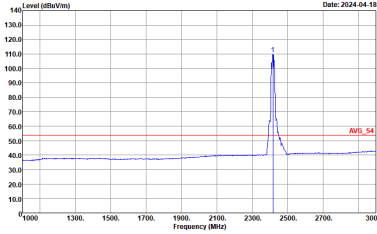


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH01 2412MHz                                                                                                                                                                                     |                                                                                                                                                                                                               |
| 0+1  | Vertical                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH02 2417MHz                                                                                                                                                                                     |                                                                                                                                                                                                               |
| 0+1  | Horizontal                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

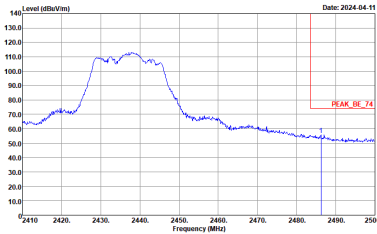
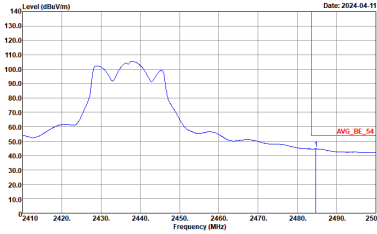


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                          |                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH02 2417MHz                                                                                                                                                                                   |                                                                                                                                                                                                             |
| 0+1  | Vertical                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                            |                                                                                                                              |
|------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH06 2437MHz - L                                                                                                 |                                                                                                                              |
| 0+1  | Horizontal                                                                                                                      | Fundamental                                                                                                                  |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

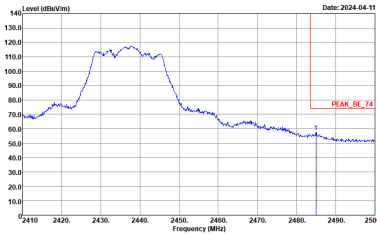
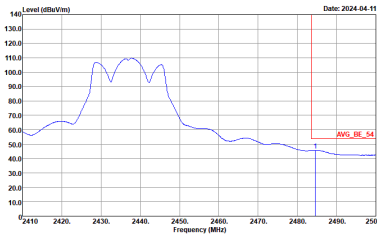


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                      |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ac VH20 CH06 2437MHz - R                                                                                                                                                                                            |             |
| 0+1  | Horizontal                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p></div>   | Left blank  |

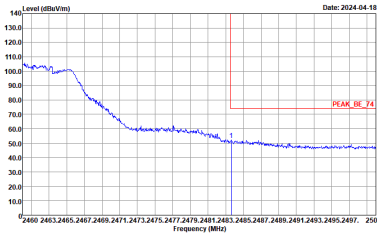
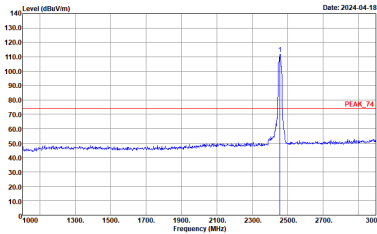
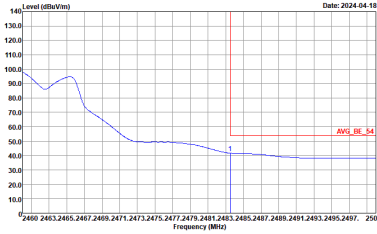
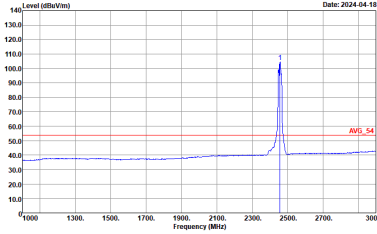


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                        |                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VH20 CH06 2437MHz - L                                                                                              |                                                                                                                          |
| 0+1  | Vertical                                                                                                                    | Fundamental                                                                                                              |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

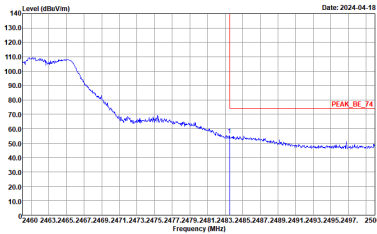
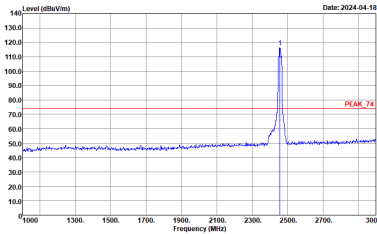
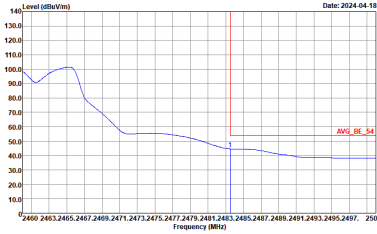
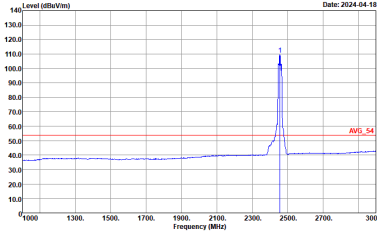


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                    |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ac VH20 CH06 2437MHz - R                                                                                                                                                                                          |             |
| 0+1  | Vertical                                                                                                                                                                                                                | Fundamental |
| Peak | <div><p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p></div>   | Left blank  |

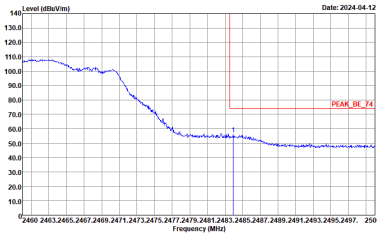
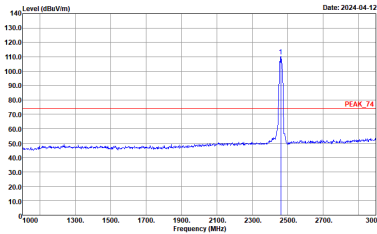
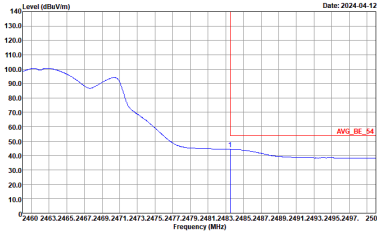
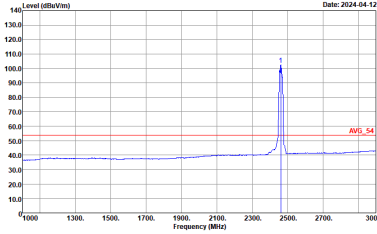


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VH20 CH10 2457MHz                                                                                                                                                                                        |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |                                                                                                                                                                                                                   |                                                                                                                                                                                                                 |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |
|      |                                                                                                                                                                                                                   |                                                                                                                                                                                                                 |

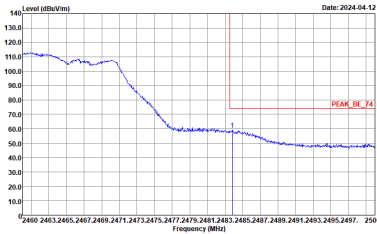
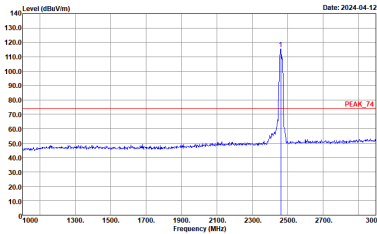
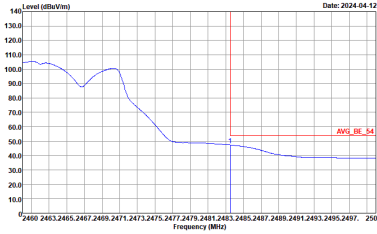
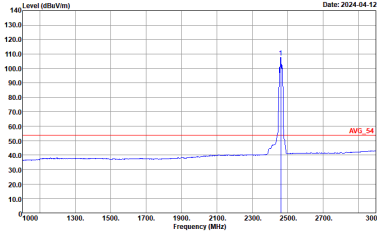


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VH20 CH10 2457MHz                                                                                                                                                                                      |                                                                                                                                                                                                               |
| 0+1  | Vertical                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

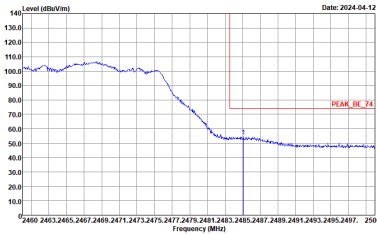
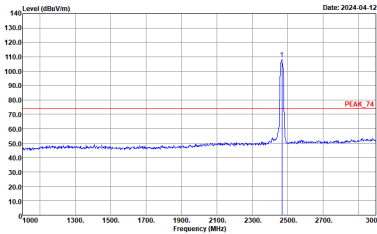
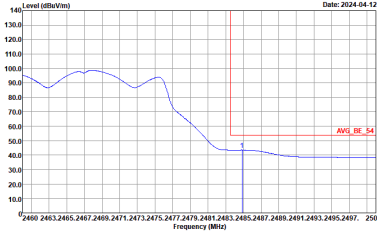
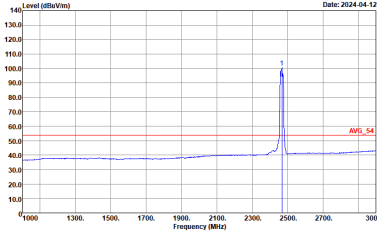


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH11 2462MHz                                                                                                                                                                                     |                                                                                                                                                                                                               |
| 0+1  | Horizontal                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

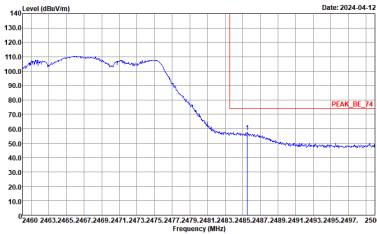
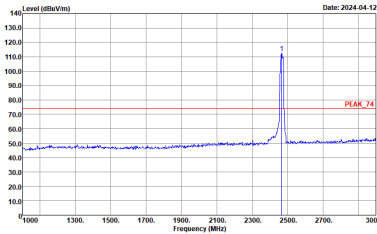
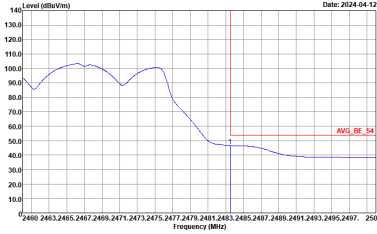
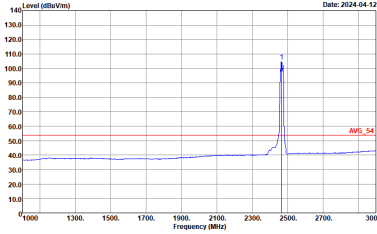


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                          |                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VH20 CH11 2462MHz                                                                                                                                                                                    |                                                                                                                                                                                                             |
| 0+1  | Vertical                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

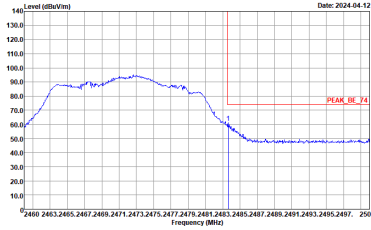
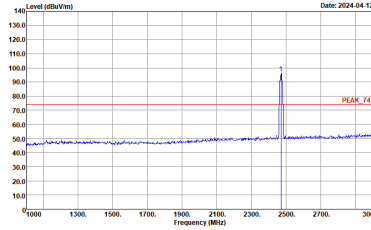
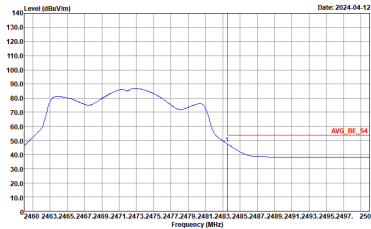
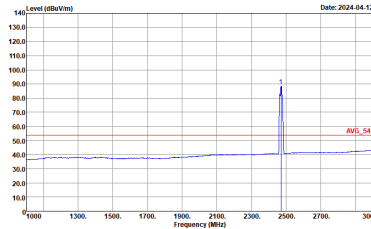


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH12 2467MHz                                                                                                                                                                                     |                                                                                                                                                                                                               |
| 0+1  | Horizontal                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |                                                                                                                                                                                                                 |                                                                                                                                                                                                               |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |
|      |                                                                                                                                                                                                                 |                                                                                                                                                                                                               |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH12 2467MHz                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                          |
| 0+1  | Vertical                                                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                                                              |
| Peak |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |
| Avg. |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH13 2472MHz                                                                                                                                                                                       |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

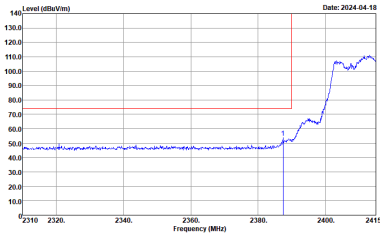
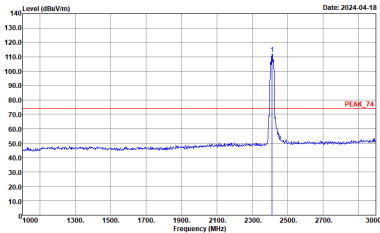
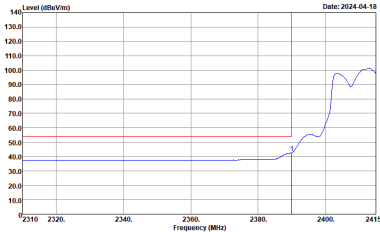
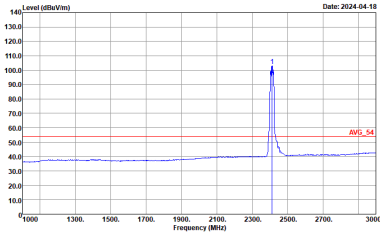


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                        |                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ac VHT20 CH13 2472MHz                                                                                                 |                                                                                                                          |
| 0+1  | Vertical                                                                                                                    | Fundamental                                                                                                              |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
|      | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>     |

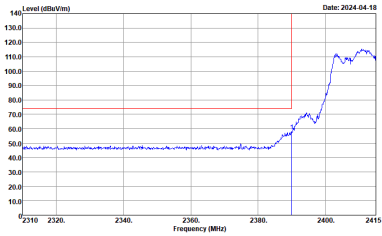
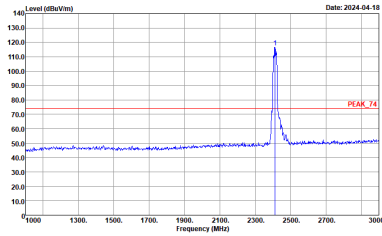
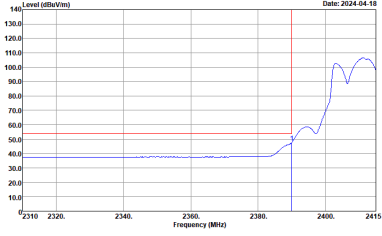
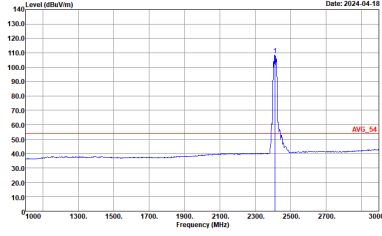


## 2.4GHz 2400~2483.5MHz

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

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH01 2412MHz                                                                                                                                                                                   |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

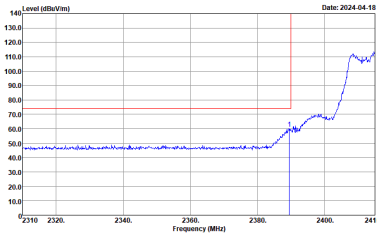
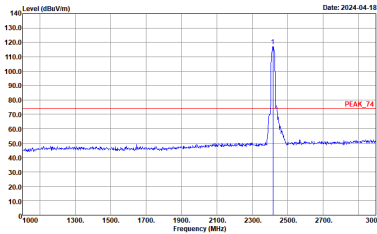
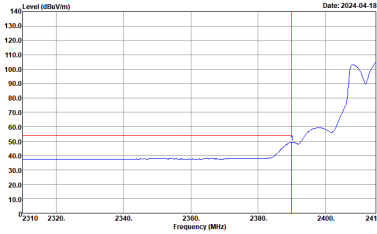
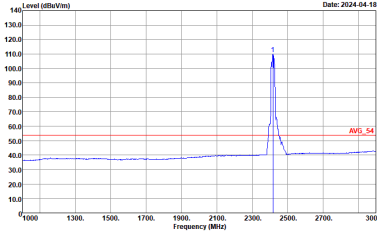


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH01 2412MHz                                                                                                                                                                                 |                                                                                                                                                                                                               |
| 0+1  | Vertical                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                            |                                                                                                                              |
|------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH02 2417Hz                                                                                                  |                                                                                                                              |
| 0+1  | Horizontal                                                                                                                      | Fundamental                                                                                                                  |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

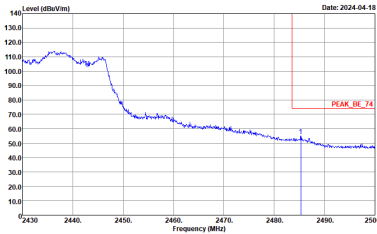
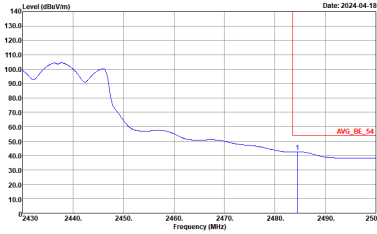


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                          |                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH02 2417MHz                                                                                                                                                                               |                                                                                                                                                                                                             |
| 0+1  | Vertical                                                                                                                                                                                                      | Fundamental                                                                                                                                                                                                 |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

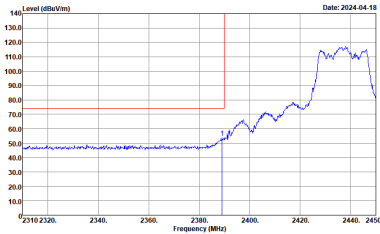
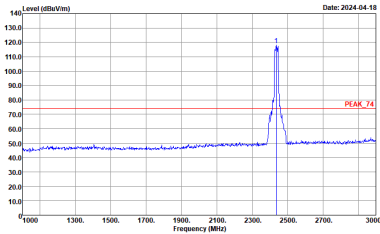
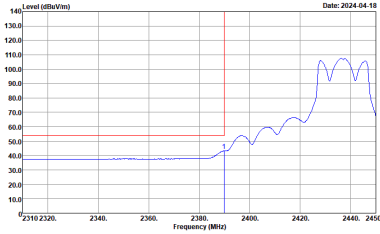
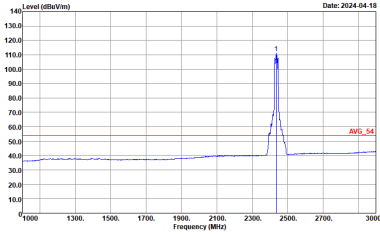


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                            |                                                                                                                              |
|------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH06 2437MHz - L                                                                                             |                                                                                                                              |
| 0+1  | Horizontal                                                                                                                      | Fundamental                                                                                                                  |
| Peak | <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

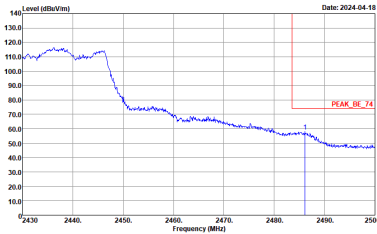
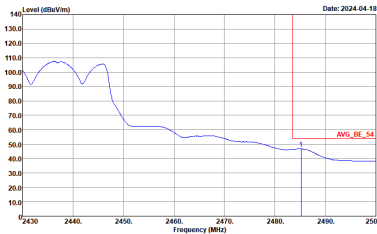


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ax HE20 Full CH06 2437MHz - R                                                                                                                                                                             |             |
| 0+1  | Horizontal                                                                                                                                                                                                      | Fundamental |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   | Left blank  |

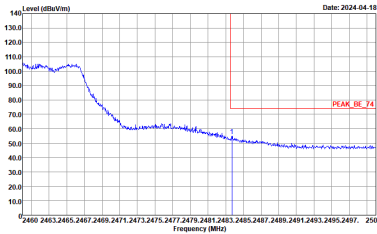
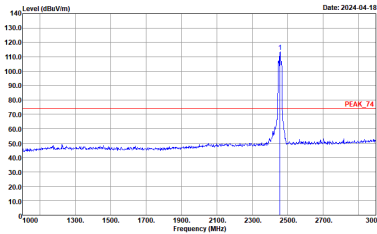
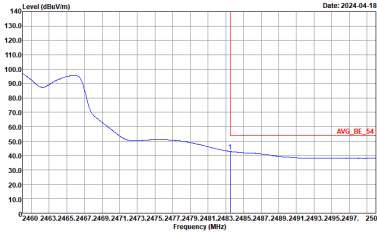
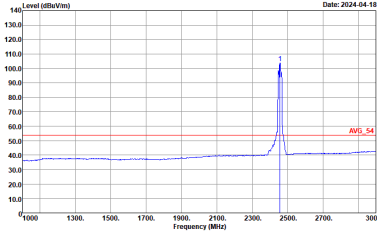


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                            |                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH06 2437MHz - L                                                                                                                                                                             |                                                                                                                                                                                                               |
| 0+1  | Vertical                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                   |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AVG_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                    |             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11ax HE20 Full CH06 2437MHz - R                                                                                                                                                                                                     |             |
| 0+1  | Vertical                                                                                                                                                                                                                                | Fundamental |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> <p>Date: 2024-04-18</p> | Left blank  |
| Avg. |  <p>Site : 03CH13-HY<br/>Condition : AVG_BE_54 3m HORN_91200_1326 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p> <p>Date: 2024-04-18</p>   | Left blank  |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                              |                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11ax HE20 Full CH10 2457MHz                                                                                                                                                                                   |                                                                                                                                                                                                                 |
| 0+1  | Horizontal                                                                                                                                                                                                        | Fundamental                                                                                                                                                                                                     |
| Peak |  <p>Site : 03CH13-HY<br/>Condition : PEAK_BE_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY<br/>Condition : PEAK_74 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
|      |  <p>Site : 03CH13-HY<br/>Condition : AV6_BE_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH13-HY<br/>Condition : AV6_54 3m HORN_91200_1326 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |
| Avg. |                                                                                                                                                                                                                   |                                                                                                                                                                                                                 |