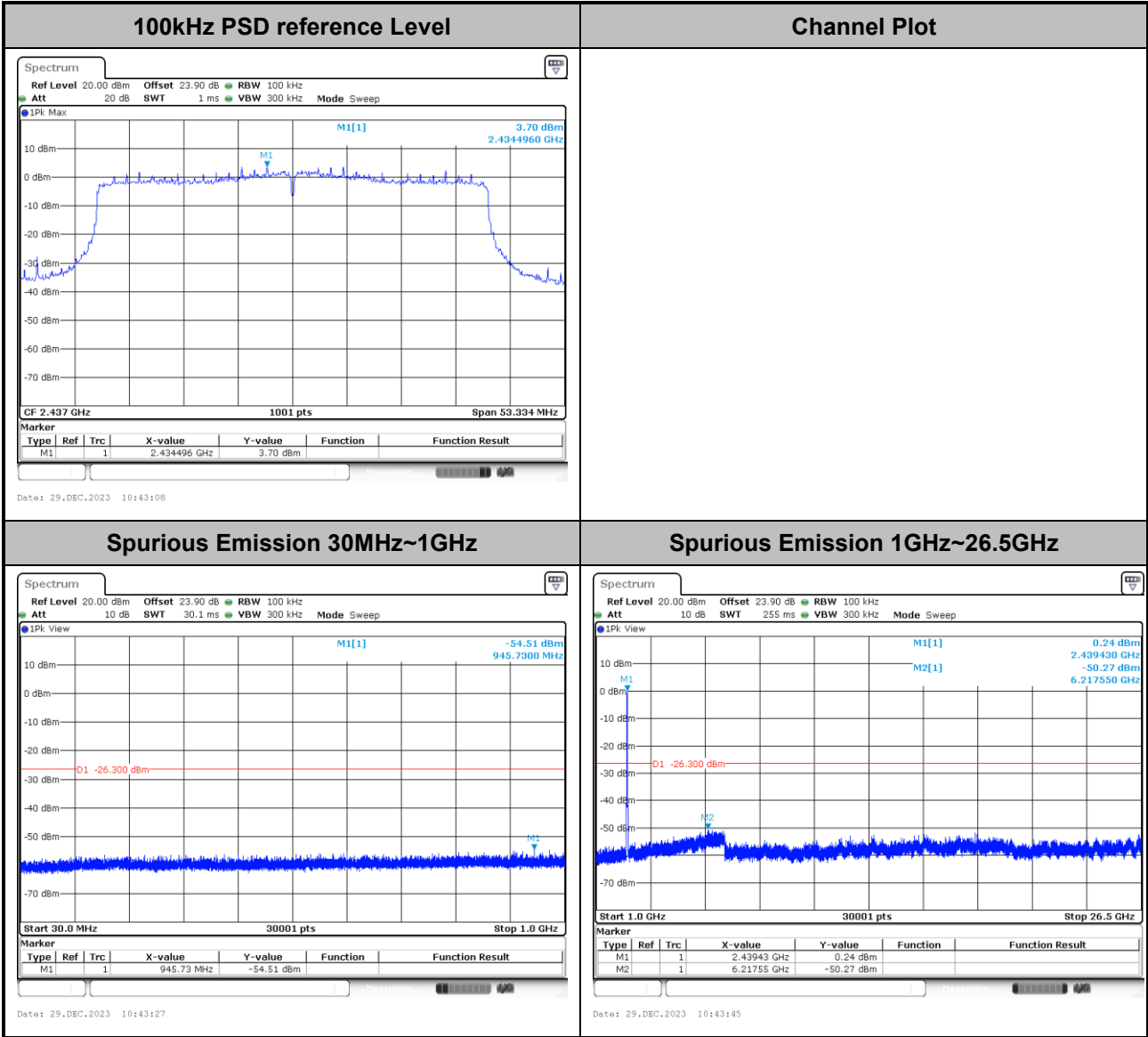


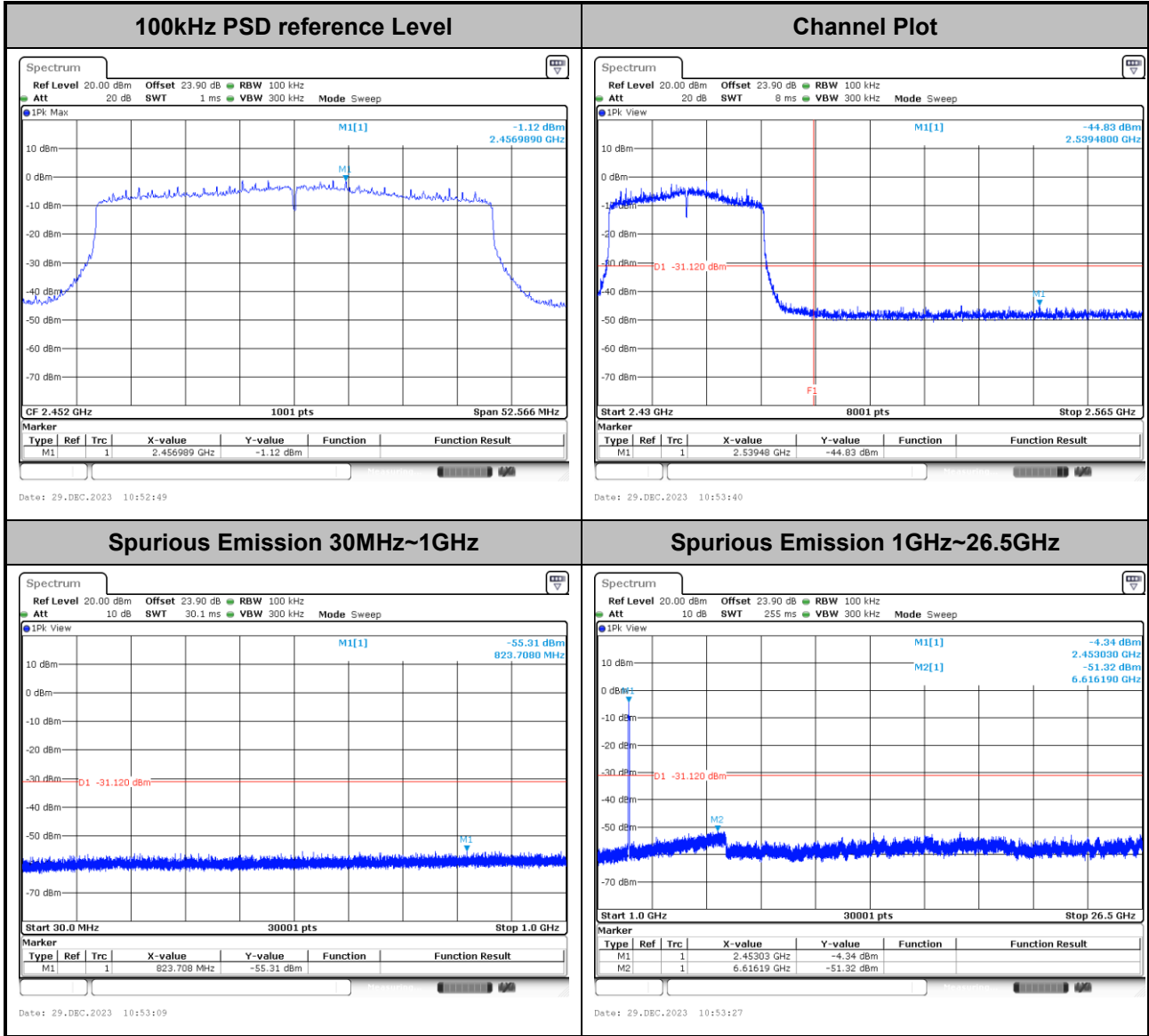


|             |               |                |    |
|-------------|---------------|----------------|----|
| Test Mode : | 802.11ax HE40 | Test Channel : | 06 |
|-------------|---------------|----------------|----|





|             |               |                |    |
|-------------|---------------|----------------|----|
| Test Mode : | 802.11ax HE40 | Test Channel : | 09 |
|-------------|---------------|----------------|----|





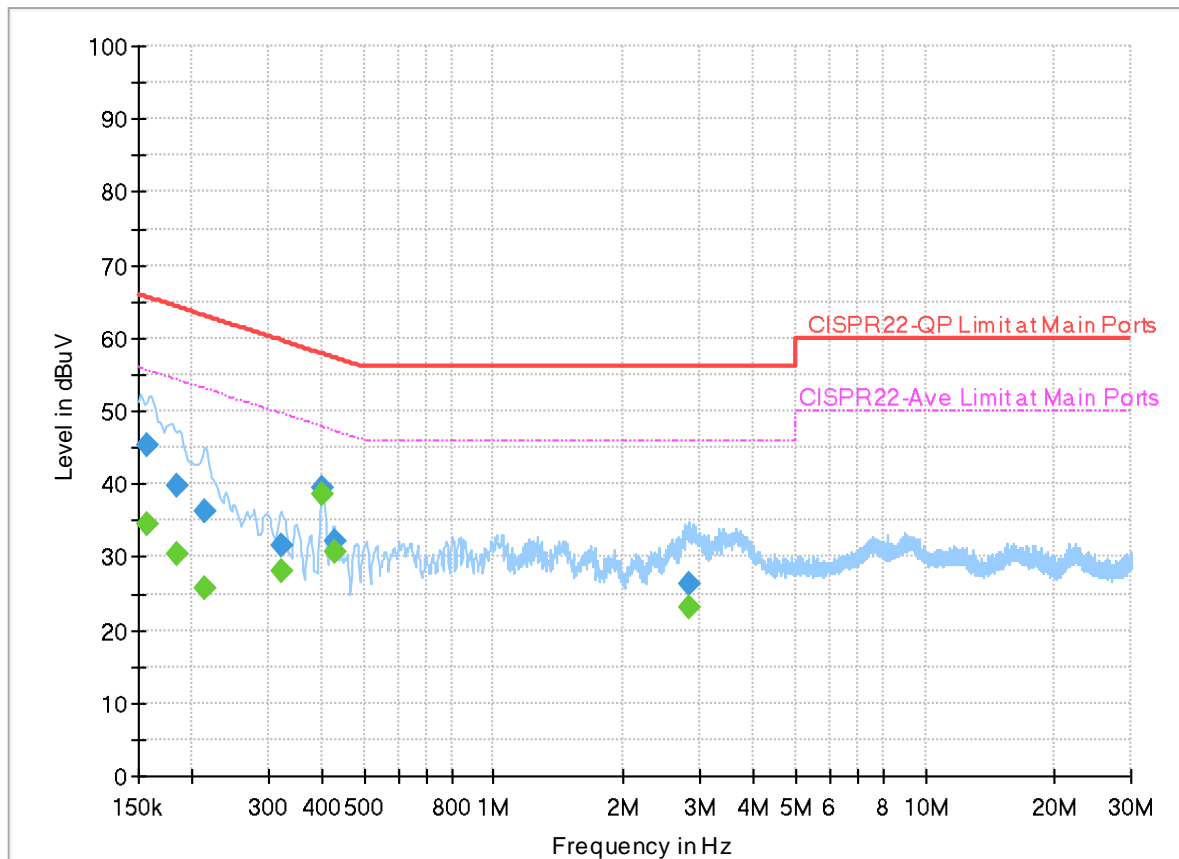
## **Appendix B. AC Conducted Emission Test Results**

|                                    |                            |             |
|------------------------------------|----------------------------|-------------|
| <b>Test Engineer :</b> Louis Chung | <b>Temperature :</b>       | 19.2~21.3°C |
|                                    | <b>Relative Humidity :</b> | 58.2~63.7%  |

## EUT Information

Report NO : 3N2803  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



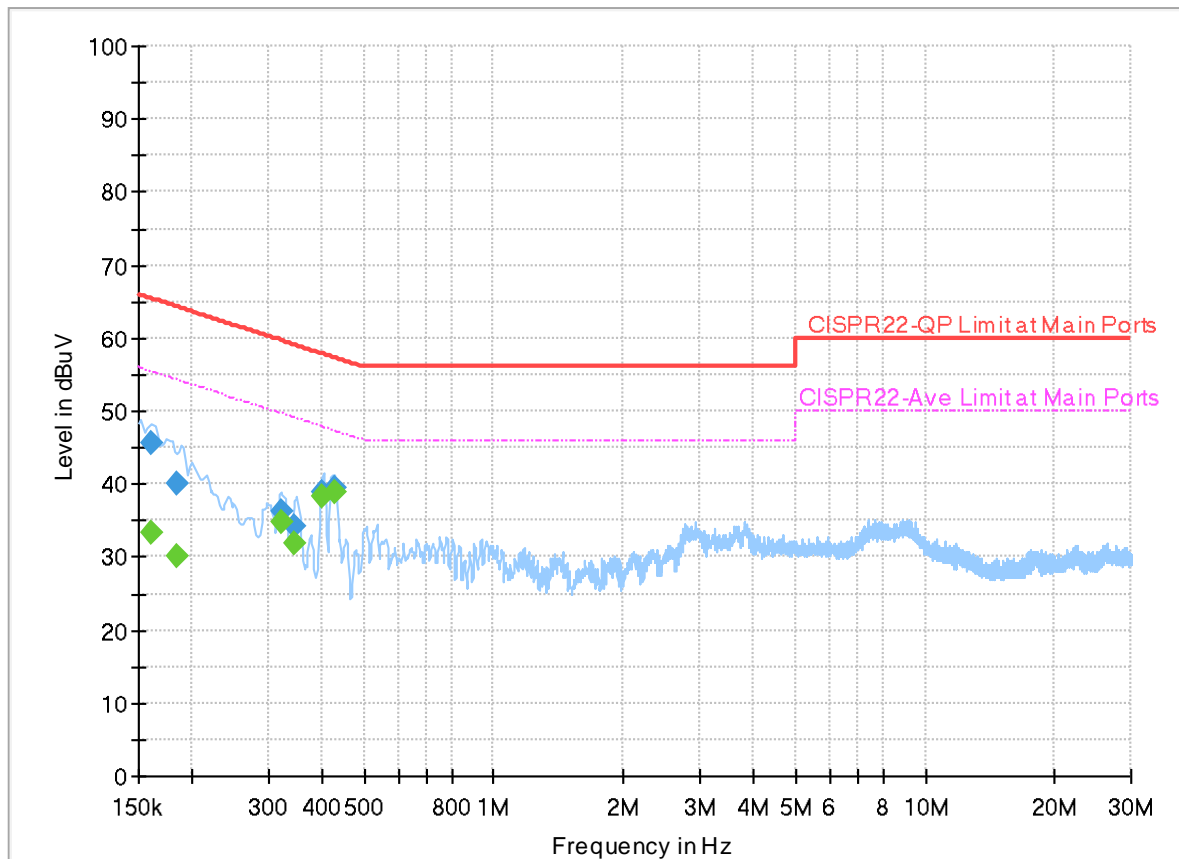
## Final\_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.157380        | ---              | 34.43           | 55.60        | 21.17       | L1   | OFF    | 19.9       |
| 0.157380        | 45.44            | ---             | 65.60        | 20.16       | L1   | OFF    | 19.9       |
| 0.183750        | ---              | 30.55           | 54.31        | 23.76       | L1   | OFF    | 19.9       |
| 0.183750        | 39.70            | ---             | 64.31        | 24.61       | L1   | OFF    | 19.9       |
| 0.214710        | ---              | 25.73           | 53.02        | 27.29       | L1   | OFF    | 19.9       |
| 0.214710        | 36.27            | ---             | 63.02        | 26.75       | L1   | OFF    | 19.9       |
| 0.323340        | ---              | 27.97           | 49.62        | 21.65       | L1   | OFF    | 19.9       |
| 0.323340        | 31.56            | ---             | 59.62        | 28.06       | L1   | OFF    | 19.9       |
| 0.401280        | ---              | 38.69           | 47.83        | 9.14        | L1   | OFF    | 19.9       |
| 0.401280        | 39.39            | ---             | 57.83        | 18.44       | L1   | OFF    | 19.9       |
| 0.426210        | ---              | 30.67           | 47.33        | 16.66       | L1   | OFF    | 19.9       |
| 0.426210        | 32.23            | ---             | 57.33        | 25.10       | L1   | OFF    | 19.9       |
| 2.845860        | ---              | 23.00           | 46.00        | 23.00       | L1   | OFF    | 20.0       |
| 2.845860        | 26.31            | ---             | 56.00        | 29.69       | L1   | OFF    | 20.0       |

## EUT Information

Report NO : 3N2803  
 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) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.161250        | ---              | 33.28           | 55.40        | 22.12       | N    | OFF    | 19.9       |
| 0.161250        | 45.63            | ---             | 65.40        | 19.77       | N    | OFF    | 19.9       |
| 0.183750        | ---              | 30.21           | 54.31        | 24.10       | N    | OFF    | 19.9       |
| 0.183750        | 40.01            | ---             | 64.31        | 24.30       | N    | OFF    | 19.9       |
| 0.321810        | ---              | 34.75           | 49.66        | 14.91       | N    | OFF    | 19.9       |
| 0.321810        | 36.18            | ---             | 59.66        | 23.48       | N    | OFF    | 19.9       |
| 0.345750        | ---              | 31.76           | 49.06        | 17.30       | N    | OFF    | 19.9       |
| 0.345750        | 34.15            | ---             | 59.06        | 24.91       | N    | OFF    | 19.9       |
| 0.401550        | ---              | 38.44           | 47.82        | 9.38        | N    | OFF    | 19.9       |
| 0.401550        | 39.00            | ---             | 57.82        | 18.82       | N    | OFF    | 19.9       |
| 0.425940        | ---              | 38.96           | 47.33        | 8.37        | N    | OFF    | 19.9       |
| 0.425940        | 39.50            | ---             | 57.33        | 17.83       | N    | OFF    | 19.9       |



### Appendix C. Radiated Spurious Emission

|                 |                                    |                     |         |
|-----------------|------------------------------------|---------------------|---------|
| Test Engineer : | Jack Cheng, Ray Lung and Sky Chang | Temperature :       | 18~26°C |
|                 |                                    | Relative Humidity : | 50~70%  |

<Sample 1>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

| WIFI Ant.                   | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |   |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11b<br>CH 01<br>2412MHz |      | 2388.015          | 57.56            | -16.44        | 74                    | 44.93               | 27                      | 18.3             | 32.67                | 108            | 304               | P                 | H            |   |
|                             |      | 2388.54           | 52.73            | -1.27         | 54                    | 40.1                | 27                      | 18.3             | 32.67                | 108            | 304               | A                 | H            |   |
|                             | *    | 2412              | 109.91           | -             | -                     | 97.28               | 26.98                   | 18.34            | 32.69                | 108            | 304               | P                 | H            |   |
|                             | *    | 2412              | 107.1            | -             | -                     | 94.47               | 26.98                   | 18.34            | 32.69                | 108            | 304               | A                 | H            |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | H |
|                             |      |                   | 2389.065         | 55.69         | -18.31                | 74                  | 43.06                   | 27               | 18.3                 | 32.67          | 194               | 244               | P            | V |
|                             |      |                   | 2388.33          | 50.47         | -3.53                 | 54                  | 37.84                   | 27               | 18.3                 | 32.67          | 194               | 244               | A            | V |
|                             | *    |                   | 2412             | 109.4         | -                     | -                   | 96.77                   | 26.98            | 18.34                | 32.69          | 194               | 244               | P            | V |
|                             | *    |                   | 2412             | 106.61        | -                     | -                   | 93.98                   | 26.98            | 18.34                | 32.69          | 194               | 244               | A            | V |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
| 802.11b<br>CH 06<br>2437MHz |      | 2389.94           | 51.77            | -22.23        | 74                    | 39.14               | 27                      | 18.3             | 32.67                | 154            | 52                | P                 | H            |   |
|                             |      | 2389.52           | 41.44            | -12.56        | 54                    | 28.81               | 27                      | 18.3             | 32.67                | 154            | 52                | A                 | H            |   |
|                             | *    | 2437              | 116.15           | -             | -                     | 103.56              | 26.9                    | 18.39            | 32.7                 | 154            | 52                | P                 | H            |   |
|                             | *    | 2437              | 113.36           | -             | -                     | 100.77              | 26.9                    | 18.39            | 32.7                 | 154            | 52                | A                 | H            |   |
|                             |      |                   | 2491.39          | 50.39         | -23.61                | 74                  | 37.74                   | 26.9             | 18.48                | 32.73          | 154               | 52                | P            | H |
|                             |      |                   | 2484.11          | 40.21         | -13.79                | 54                  | 27.57                   | 26.9             | 18.47                | 32.73          | 154               | 52                | A            | H |
|                             |      |                   | 2379.86          | 50.53         | -23.47                | 74                  | 37.92                   | 27               | 18.28                | 32.67          | 197               | 247               | P            | V |
|                             |      |                   | 2389.52          | 40.2          | -13.8                 | 54                  | 27.57                   | 27               | 18.3                 | 32.67          | 197               | 247               | A            | V |
|                             | *    |                   | 2437             | 112.81        | -                     | -                   | 100.22                  | 26.9             | 18.39                | 32.7           | 197               | 247               | P            | V |
|                             | *    |                   | 2437             | 110.05        | -                     | -                   | 97.46                   | 26.9             | 18.39                | 32.7           | 197               | 247               | A            | V |
|                             |      |                   | 2493.77          | 50.76         | -23.24                | 74                  | 38.11                   | 26.9             | 18.49                | 32.74          | 197               | 247               | P            | V |
|                             |      |                   | 2485.3           | 39.91         | -14.09                | 54                  | 27.27                   | 26.9             | 18.47                | 32.73          | 197               | 247               | A            | V |



|                                      |   |         |        |        |    |        |       |       |       |     |     |   |   |
|--------------------------------------|---|---------|--------|--------|----|--------|-------|-------|-------|-----|-----|---|---|
| <b>802.11b<br/>CH 11<br/>2462MHz</b> | *   | 2462    | 113.16 | -      | -  | 100.57 | 26.88 | 18.43 | 32.72 | 100 | 74  | P | H |
|                                      | *   | 2462    | 110.33 | -      | -  | 97.74  | 26.88 | 18.43 | 32.72 | 100 | 74  | A | H |
|                                      |   | 2483.52 | 56.06  | -17.94 | 74 | 43.42  | 26.9  | 18.47 | 32.73 | 100 | 74  | P | H |
|                                      |   | 2483.52 | 51.94  | -2.06  | 54 | 39.3   | 26.9  | 18.47 | 32.73 | 100 | 74  | A | H |
|                                      |   |         |        |        |    |        |       |       |       |     |     |   | H |
|                                      |   |         |        |        |    |        |       |       |       |     |     |   | H |
|                                      | *   | 2462    | 110.01 | -      | -  | 97.42  | 26.88 | 18.43 | 32.72 | 215 | 249 | P | V |
|                                      | *   | 2462    | 107.17 | -      | -  | 94.58  | 26.88 | 18.43 | 32.72 | 215 | 249 | A | V |
|                                      |   | 2483.52 | 54.78  | -19.22 | 74 | 42.14  | 26.9  | 18.47 | 32.73 | 215 | 249 | P | V |
|                                      |   | 2483.52 | 50.14  | -3.86  | 54 | 37.5   | 26.9  | 18.47 | 32.73 | 215 | 249 | A | 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 Ant. 6+7               | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11b<br>CH 01<br>2412MHz |      | 4824              | 45.87            | -28.13        | 74                    | 34.67               | 32.4                    | 12.78            | 33.98                | -              | -                 | P                 | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   | 4824             | 45.82         | -28.18                | 74                  | 34.62                   | 32.4             | 12.78                | 33.98          | -                 | -                 | P            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |





| WIFI Ant. 6+7                        | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |   |
|--------------------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| <b>802.11b<br/>CH 06<br/>2437MHz</b> |      | 4874              | 45.79            | -28.21        | 74                    | 34.47               | 32.55                   | 12.75            | 33.98                | -              | -                 | P               | H          |   |
|                                      |      | 7311              | 59.11            | -14.89        | 74                    | 42.97               | 37                      | 15.55            | 36.41                | 100            | 52                | P               | H          |   |
|                                      |      | 7311              | 49.91            | -4.09         | 54                    | 33.77               | 37                      | 15.55            | 36.41                | 100            | 52                | A               | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                                      |      |                   | 4874             | 45.13         | -28.87                | 74                  | 33.81                   | 32.55            | 12.75                | 33.98          | -                 | -               | P          | V |
|                                      |      |                   | 7311             | 57.55         | -16.45                | 74                  | 41.41                   | 37               | 15.55                | 36.41          | 305               | 346             | P          | V |
|                                      |      |                   | 7311             | 46.9          | -7.1                  | 54                  | 30.76                   | 37               | 15.55                | 36.41          | 305               | 346             | A          | V |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 |            | V |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 |            | V |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 |            | V |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 |            | V |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                                      |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |



| WiFi Ant. 6+7               | Note  | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |   |
|-----------------------------|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11b<br>CH 11<br>2462MHz |   | 4924              | 45.45            | -28.55        | 74                    | 34.05               | 32.65                   | 12.72            | 33.97                | -              | -                 | P                 | H            |   |
|                             |   | 7386              | 57.03            | -16.97        | 74                    | 40.95               | 36.93                   | 15.61            | 36.46                | 100            | 51                | P                 | H            |   |
|                             |   | 7386              | 48.82            | -5.18         | 54                    | 32.74               | 36.93                   | 15.61            | 36.46                | 100            | 51                | A                 | H            |   |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |   |                   | 4924             | 45.4          | -28.6                 | 74                  | 34                      | 32.65            | 12.72                | 33.97          | -                 | -                 | P            | V |
|                             |   |                   | 7386             | 55.01         | -18.99                | 74                  | 38.93                   | 36.93            | 15.61                | 36.46          | 290               | 349               | P            | V |
|                             |   |                   | 7386             | 47.13         | -6.87                 | 54                  | 31.05                   | 36.93            | 15.61                | 36.46          | 290               | 349               | A            | V |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
| Remark                      | <ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol> |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              |   |



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

| WIFI Ant. 6+7               | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |   |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11g<br>CH 01<br>2412MHz |      | 2389.905          | 70.62            | -3.38         | 74                    | 57.99               | 27                      | 18.3             | 32.67                | 234            | 55                | P                 | H            |   |
|                             |      | 2390              | 52.77            | -1.23         | 54                    | 40.14               | 27                      | 18.3             | 32.67                | 234            | 55                | A                 | H            |   |
|                             | *    | 2412              | 114.77           | -             | -                     | 102.14              | 26.98                   | 18.34            | 32.69                | 234            | 55                | P                 | H            |   |
|                             | *    | 2412              | 107.12           | -             | -                     | 94.49               | 26.98                   | 18.34            | 32.69                | 234            | 55                | A                 | H            |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |      |                   | 2389.275         | 62.12         | -11.88                | 74                  | 49.49                   | 27               | 18.3                 | 32.67          | 365               | 83                | P            | V |
|                             |      |                   | 2390             | 49.1          | -4.9                  | 54                  | 36.47                   | 27               | 18.3                 | 32.67          | 365               | 83                | A            | V |
|                             | *    |                   | 2412             | 108.53        | -                     | -                   | 95.9                    | 26.98            | 18.34                | 32.69          | 365               | 83                | P            | V |
|                             | *    |                   | 2412             | 101.63        | -                     | -                   | 89                      | 26.98            | 18.34                | 32.69          | 365               | 83                | A            | V |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
| 802.11g<br>CH 06<br>2437MHz |      | 2389.94           | 60.85            | -13.15        | 74                    | 48.22               | 27                      | 18.3             | 32.67                | 157            | 55                | P                 | H            |   |
|                             |      | 2389.94           | 46.35            | -7.65         | 54                    | 33.72               | 27                      | 18.3             | 32.67                | 157            | 55                | A                 | H            |   |
|                             | *    | 2437              | 117.53           | -             | -                     | 104.94              | 26.9                    | 18.39            | 32.7                 | 157            | 55                | P                 | H            |   |
|                             | *    | 2437              | 110.28           | -             | -                     | 97.69               | 26.9                    | 18.39            | 32.7                 | 157            | 55                | A                 | H            |   |
|                             |      |                   | 2483.55          | 65.09         | -8.91                 | 74                  | 52.45                   | 26.9             | 18.47                | 32.73          | 157               | 55                | P            | H |
|                             |      |                   | 2483.5           | 50.44         | -3.56                 | 54                  | 37.8                    | 26.9             | 18.47                | 32.73          | 157               | 55                | A            | H |
|                             |      |                   | 2389.94          | 56.5          | -17.5                 | 74                  | 43.87                   | 27               | 18.3                 | 32.67          | 102               | 56                | P            | V |
|                             |      |                   | 2389.94          | 42.6          | -11.4                 | 54                  | 29.97                   | 27               | 18.3                 | 32.67          | 102               | 56                | A            | V |
|                             | *    |                   | 2437             | 113.28        | -                     | -                   | 100.69                  | 26.9             | 18.39                | 32.7           | 102               | 56                | P            | V |
|                             | *    |                   | 2437             | 106.5         | -                     | -                   | 93.91                   | 26.9             | 18.39                | 32.7           | 102               | 56                | A            | V |
|                             |      |                   | 2484.88          | 60.5          | -13.5                 | 74                  | 47.86                   | 26.9             | 18.47                | 32.73          | 102               | 56                | P            | V |
|                             |      |                   | 2483.5           | 48.58         | -5.42                 | 54                  | 35.94                   | 26.9             | 18.47                | 32.73          | 102               | 56                | A            | V |



|  |   |         |        |        |    |       |       |       |       |     |     |   |   |
|--|---|---------|--------|--------|----|-------|-------|-------|-------|-----|-----|---|---|
| <b>802.11g</b><br><br><b>CH 11</b><br><br><b>2462MHz</b> | *   | 2462    | 107.92 | -      | -  | 95.33 | 26.88 | 18.43 | 32.72 | 102 | 341 | P | H |
|  | *   | 2462    | 100.91 | -      | -  | 88.32 | 26.88 | 18.43 | 32.72 | 102 | 341 | A | H |
|  |   | 2483.68 | 63.98  | -10.02 | 74 | 51.34 | 26.9  | 18.47 | 32.73 | 102 | 341 | P | H |
|  |   | 2483.52 | 50.83  | -3.17  | 54 | 38.19 | 26.9  | 18.47 | 32.73 | 102 | 341 | A | H |
|  |   |         |        |        |    |       |       |       |       |     |     |   | H |
|  |   |         |        |        |    |       |       |       |       |     |     |   | H |
|  | *   | 2462    | 107.77 | -      | -  | 95.18 | 26.88 | 18.43 | 32.72 | 192 | 44  | P | V |
|  | *   | 2462    | 100.48 | -      | -  | 87.89 | 26.88 | 18.43 | 32.72 | 192 | 44  | A | V |
|  |   | 2483.76 | 60.03  | -13.97 | 74 | 47.39 | 26.9  | 18.47 | 32.73 | 192 | 44  | P | V |
|  |   | 2483.52 | 48.24  | -5.76  | 54 | 35.6  | 26.9  | 18.47 | 32.73 | 192 | 44  | A | 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 802.11g (Harmonic @ 3m)

| WIFI Ant. 6+7               | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11g<br>CH 01<br>2412MHz |      | 4824              | 43.95            | -30.05        | 74                    | 32.75               | 32.4                    | 12.78            | 33.98                | -              | -                 | P                 | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|                             |      |                   | 4824             | 43.46         | -30.54                | 74                  | 32.26                   | 32.4             | 12.78                | 33.98          | -                 | -                 | P            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |



| WIFI Ant. 6+7               | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |   |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11g<br>CH 06<br>2437MHz |      | 4874              | 44.26            | -29.74        | 74                    | 32.94               | 32.55                   | 12.75            | 33.98                | -              | -                 | P               | H          |   |
|                             |      | 7311              | 60.05            | -13.95        | 74                    | 43.91               | 37                      | 15.55            | 36.41                | 100            | 51                | P               | H          |   |
|                             |      | 7311              | 47.65            | -6.35         | 54                    | 31.51               | 37                      | 15.55            | 36.41                | 100            | 51                | A               | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|                             |      |                   | 4874             | 43.69         | -30.31                | 74                  | 32.37                   | 32.55            | 12.75                | 33.98          | -                 | -               | P          | V |
|                             |      |                   | 7311             | 57.57         | -16.43                | 74                  | 41.43                   | 37               | 15.55                | 36.41          | 304               | 344             | P          | V |
|                             |      | 7311              | 44.36            | -9.64         | 54                    | 28.22               | 37                      | 15.55            | 36.41                | 304            | 344               | A               | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|                             |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |



| WiFi Ant. 6+7               | Note   | Frequency ( MHz ) | Level ( dBµV/m ) | Margin ( dB ) | Limit Line ( dBµV/m ) | Read Level ( dBµV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |   |
|-----------------------------|--|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11g<br>CH 11<br>2462MHz |  | 4924              | 44.2             | -29.8         | 74                    | 32.8                | 32.65                   | 12.72            | 33.97                | -              | -                 | P                 | H            |   |
|                             |  | 7386              | 55.71            | -18.29        | 74                    | 39.63               | 36.93                   | 15.61            | 36.46                | 100            | 47                | P                 | H            |   |
|                             |  | 7386              | 43.79            | -10.21        | 54                    | 27.71               | 36.93                   | 15.61            | 36.46                | 100            | 47                | A                 | H            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                             |  |                   | 4924             | 44.35         | -29.65                | 74                  | 32.95                   | 32.65            | 12.72                | 33.97          | -                 | -                 | P            | V |
|                             |  |                   | 7386             | 55.03         | -18.97                | 74                  | 38.95                   | 36.93            | 15.61                | 36.46          | 100               | 351               | P            | V |
|                             |  |                   | 7386             | 41.85         | -12.15                | 54                  | 25.77                   | 36.93            | 15.61                | 36.46          | 100               | 351               | A            | V |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
|                             |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
| <b>Remark</b>               | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              |   |



**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

| WIFI Ant. 6+7                    | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |   |
|----------------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HE20 Full CH 01 2412MHz |      | 2390              | 62.38            | -11.62        | 74                    | 49.75               | 27                      | 18.3             | 32.67                | 162            | 56                | P                 | H            |   |
|                                  |      | 2390              | 51.72            | -2.28         | 54                    | 39.09               | 27                      | 18.3             | 32.67                | 162            | 56                | A                 | H            |   |
|                                  | *    | 2412              | 113.46           | -             | -                     | 100.83              | 26.98                   | 18.34            | 32.69                | 162            | 56                | P                 | H            |   |
|                                  | *    | 2412              | 105.65           | -             | -                     | 93.02               | 26.98                   | 18.34            | 32.69                | 162            | 56                | A                 | H            |   |
|                                  |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                                  |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|                                  |      |                   | 2390             | 61.69         | -12.31                | 74                  | 49.06                   | 27               | 18.3                 | 32.67          | 259               | 245               | P            | V |
|                                  |      |                   | 2390             | 51.99         | -2.01                 | 54                  | 39.36                   | 27               | 18.3                 | 32.67          | 259               | 245               | A            | V |
|                                  |      | *                 | 2412             | 107.5         | -                     | -                   | 94.87                   | 26.98            | 18.34                | 32.69          | 259               | 245               | P            | V |
|                                  |      | *                 | 2412             | 99.73         | -                     | -                   | 87.1                    | 26.98            | 18.34                | 32.69          | 259               | 245               | A            | V |
|                                  |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
|                                  |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
| 802.11ax HE20 Full CH 06 2437MHz |      | 2389.8            | 58.62            | -15.38        | 74                    | 45.99               | 27                      | 18.3             | 32.67                | 153            | 55                | P                 | H            |   |
|                                  |      | 2389.94           | 44.5             | -9.5          | 54                    | 31.87               | 27                      | 18.3             | 32.67                | 153            | 55                | A                 | H            |   |
|                                  |      | *                 | 2437             | 117.65        | -                     | -                   | 105.06                  | 26.9             | 18.39                | 32.7           | 153               | 55                | P            | H |
|                                  |      | *                 | 2437             | 109.94        | -                     | -                   | 97.35                   | 26.9             | 18.39                | 32.7           | 153               | 55                | A            | H |
|                                  |      |                   | 2483.55          | 61.58         | -12.42                | 74                  | 48.94                   | 26.9             | 18.47                | 32.73          | 153               | 55                | P            | H |
|                                  |      |                   | 2483.5           | 48.34         | -5.66                 | 54                  | 35.7                    | 26.9             | 18.47                | 32.73          | 153               | 55                | A            | H |
|                                  |      |                   | 2389.66          | 53.62         | -20.38                | 74                  | 40.99                   | 27               | 18.3                 | 32.67          | 195               | 247               | P            | V |
|                                  |      |                   | 2389.94          | 41.42         | -12.58                | 54                  | 28.79                   | 27               | 18.3                 | 32.67          | 195               | 247               | A            | V |
|                                  |      | *                 | 2437             | 114.36        | -                     | -                   | 101.77                  | 26.9             | 18.39                | 32.7           | 195               | 247               | P            | V |
|                                  |      | *                 | 2437             | 105.88        | -                     | -                   | 93.29                   | 26.9             | 18.39                | 32.7           | 195               | 247               | A            | V |
|                                  |      | 2483.5            | 57.98            | -16.02        | 74                    | 45.34               | 26.9                    | 18.47            | 32.73                | 195            | 247               | P                 | V            |   |
|                                  |      | 2483.5            | 44.72            | -9.28         | 54                    | 32.08               | 26.9                    | 18.47            | 32.73                | 195            | 247               | A                 | V            |   |





| WIFI Ant. 6+7                             | Note  | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax<br>HE20 Full<br>CH 11<br>2462MHz | *   | 2462              | 109.05           | -             | -                     | 96.46               | 26.88                   | 18.43            | 32.72                | 100            | 334               | P               | H          |
|   | *   | 2462              | 100.11           | -             | -                     | 87.52               | 26.88                   | 18.43            | 32.72                | 100            | 334               | A               | H          |
|   |   | 2483.72           | 61.55            | -12.45        | 74                    | 48.91               | 26.9                    | 18.47            | 32.73                | 100            | 334               | P               | H          |
|   |   | 2483.52           | 50.39            | -3.61         | 54                    | 37.75               | 26.9                    | 18.47            | 32.73                | 100            | 334               | A               | H          |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |
|   | *   | 2462              | 105.71           | -             | -                     | 93.12               | 26.88                   | 18.43            | 32.72                | 335            | 23                | P               | V          |
|   | *   | 2462              | 97.82            | -             | -                     | 85.23               | 26.88                   | 18.43            | 32.72                | 335            | 23                | A               | V          |
|   |   | 2483.56           | 61.61            | -12.39        | 74                    | 48.97               | 26.9                    | 18.47            | 32.73                | 335            | 23                | P               | V          |
|   |   | 2483.52           | 48.92            | -5.08         | 54                    | 36.28               | 26.9                    | 18.47            | 32.73                | 335            | 23                | A               | V          |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   | V               |            |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   | V               |            |
| <b>Remark</b>                             | <ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol> |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 |            |



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

| WIFI Ant. 6+7                             | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax<br>HE20 Full<br>CH 01<br>2412MHz |      | 4824              | 43.21            | -30.79        | 74                    | 32.01               | 32.4                    | 12.78            | 33.98                | -              | -                 | P                 | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   | 4824             | 45.68         | -28.32                | 74                  | 34.48                   | 32.4             | 12.78                | 33.98          | -                 | -                 | P            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |



| WIFI Ant. 6+7                             | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax<br>HE20 Full<br>CH 06<br>2437MHz |      | 4874              | 44.08            | -29.92        | 74                    | 32.76               | 32.55                   | 12.75            | 33.98                | -              | -                 | P                 | H            |
|   |      | 7311              | 61.24            | -12.76        | 74                    | 45.1                | 37                      | 15.55            | 36.41                | 100            | 51                | P                 | H            |
|   |      | 7311              | 48.49            | -5.51         | 54                    | 32.35               | 37                      | 15.55            | 36.41                | 100            | 51                | A                 | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   | 4874             | 43.53         | -30.47                | 74                  | 32.21                   | 32.55            | 12.75                | 33.98          | -                 | -                 | P            |
|   |      | 7311              | 57.99            | -16.01        | 74                    | 41.85               | 37                      | 15.55            | 36.41                | 100            | 3                 | P                 | V            |
|   |      | 7311              | 44.51            | -9.49         | 54                    | 28.37               | 37                      | 15.55            | 36.41                | 100            | 3                 | A                 | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |



| WiFi Ant. 6+7                             | Note  | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |   |
|---|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax<br>HE20 Full<br>CH 11<br>2462MHz |   | 4924              | 44.94            | -29.06        | 74                    | 33.54               | 32.65                   | 12.72            | 33.97                | -              | -                 | P                 | H            |   |
|   |   | 7386              | 56.44            | -17.56        | 74                    | 40.36               | 36.93                   | 15.61            | 36.46                | 100            | 52                | P                 | H            |   |
|   |   | 7386              | 43.03            | -10.97        | 54                    | 26.95               | 36.93                   | 15.61            | 36.46                | 100            | 52                | A                 | H            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|   |   |                   | 4924             | 44.56         | -29.44                | 74                  | 33.16                   | 32.65            | 12.72                | 33.97          | -                 | -                 | P            | V |
|   |   |                   | 7386             | 55.17         | -18.83                | 74                  | 39.09                   | 36.93            | 15.61                | 36.46          | 300               | 344               | P            | V |
|   |   |                   | 7386             | 41.06         | -12.94                | 54                  | 24.98                   | 36.93            | 15.61                | 36.46          | 300               | 344               | A            | V |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              | V |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
|   |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
| <b>Remark</b>                             | <ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol> |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              |   |



**2.4GHz 2400~2483.5MHz  
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

| WIFI Ant. 6+7                              | Note  | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |   |
|--|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HE20 Partial 106/53 CH 01 2412MHz |   | 2389.38           | 72.78            | -1.22         | 74                    | 60.15               | 27                      | 18.3             | 32.67                | 132            | 64                | P                 | H            |   |
|  |   | 2389.38           | 52.05            | -1.95         | 54                    | 39.42               | 27                      | 18.3             | 32.67                | 132            | 64                | A                 | H            |   |
|  | *   | 2412              | 114.23           | -             | -                     | 101.6               | 26.98                   | 18.34            | 32.69                | 132            | 64                | P                 | H            |   |
|  | *   | 2412              | 106.49           | -             | -                     | 93.86               | 26.98                   | 18.34            | 32.69                | 132            | 64                | A                 | H            |   |
|  |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |   |                   | 2389.275         | 66.96         | -7.04                 | 74                  | 54.33                   | 27               | 18.3                 | 32.67          | 100               | 258               | P            | V |
|  |   |                   | 2390             | 42.59         | -11.41                | 54                  | 29.96                   | 27               | 18.3                 | 32.67          | 100               | 258               | A            | V |
|  | *   |                   | 2412             | 108.51        | -                     | -                   | 95.88                   | 26.98            | 18.34                | 32.69          | 100               | 258               | P            | V |
|  | *   |                   | 2412             | 99.65         | -                     | -                   | 87.02                   | 26.98            | 18.34                | 32.69          | 100               | 258               | A            | V |
|  |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
|  |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |   |
| 802.11ax HE20 Partial 106/54 CH 11 2462MHz | *   | 2462              | 113.65           | -             | -                     | 101.06              | 26.88                   | 18.43            | 32.72                | 228            | 52                | P                 | H            |   |
|  | *   | 2462              | 106.3            | -             | -                     | 93.71               | 26.88                   | 18.43            | 32.72                | 228            | 52                | A                 | H            |   |
|  |   |                   | 2484.56          | 70.05         | -3.95                 | 74                  | 57.41                   | 26.9             | 18.47                | 32.73          | 228               | 52                | P            | H |
|  |   |                   | 2483.52          | 49.43         | -4.57                 | 54                  | 36.79                   | 26.9             | 18.47                | 32.73          | 228               | 52                | A            | H |
|  |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |   |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  | *   |                   | 2462             | 112.02        | -                     | -                   | 99.43                   | 26.88            | 18.43                | 32.72          | 121               | 46                | P            | V |
|  | *   |                   | 2462             | 104.27        | -                     | -                   | 91.68                   | 26.88            | 18.43                | 32.72          | 121               | 46                | A            | V |
|  |   |                   | 2483.96          | 72.57         | -1.43                 | 74                  | 59.93                   | 26.9             | 18.47                | 32.73          | 121               | 46                | P            | V |
|  |   |                   | 2484.12          | 48.55         | -5.45                 | 54                  | 35.91                   | 26.9             | 18.47                | 32.73          | 121               | 46                | 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 HE40 Full (Band Edge @ 3m)**

| WIFI Ant. 6+7                    | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|----------------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HE40 Full CH 03 2422MHz |      | 2389.94           | 62.45            | -11.55        | 74                    | 49.82               | 27                      | 18.3             | 32.67                | 133            | 56                | P                 | H            |
|                                  |      | 2389.94           | 52.6             | -1.4          | 54                    | 39.97               | 27                      | 18.3             | 32.67                | 133            | 56                | A                 | H            |
|                                  | *    | 2422              | 113.72           | -             | -                     | 101.15              | 26.9                    | 18.36            | 32.69                | 133            | 56                | P                 | H            |
|                                  | *    | 2422              | 105.4            | -             | -                     | 92.83               | 26.9                    | 18.36            | 32.69                | 133            | 56                | A                 | H            |
|                                  |      | 2484.18           | 54.98            | -19.02        | 74                    | 42.34               | 26.9                    | 18.47            | 32.73                | 133            | 56                | P                 | H            |
|                                  |      | 2483.5            | 42.97            | -11.03        | 54                    | 30.33               | 26.9                    | 18.47            | 32.73                | 133            | 56                | A                 | H            |
|                                  |      | 2389.94           | 61.36            | -12.64        | 74                    | 48.73               | 27                      | 18.3             | 32.67                | 194            | 247               | P                 | V            |
|                                  |      | 2389.94           | 51.6             | -2.4          | 54                    | 38.97               | 27                      | 18.3             | 32.67                | 194            | 247               | A                 | V            |
|                                  | *    | 2422              | 108.69           | -             | -                     | 96.12               | 26.9                    | 18.36            | 32.69                | 194            | 247               | P                 | V            |
|                                  | *    | 2422              | 100.88           | -             | -                     | 88.31               | 26.9                    | 18.36            | 32.69                | 194            | 247               | A                 | V            |
|                                  |      | 2484.04           | 55.85            | -18.15        | 74                    | 43.21               | 26.9                    | 18.47            | 32.73                | 194            | 247               | P                 | V            |
|                                  |      | 2483.5            | 44.3             | -9.7          | 54                    | 31.66               | 26.9                    | 18.47            | 32.73                | 194            | 247               | A                 | V            |
| 802.11ax HE40 Full CH 06 2437MHz |      | 2389.52           | 57.68            | -16.32        | 74                    | 45.05               | 27                      | 18.3             | 32.67                | 153            | 52                | P                 | H            |
|                                  |      | 2389.94           | 46.64            | -7.36         | 54                    | 34.01               | 27                      | 18.3             | 32.67                | 153            | 52                | A                 | H            |
|                                  | *    | 2437              | 114.35           | -             | -                     | 101.76              | 26.9                    | 18.39            | 32.7                 | 153            | 52                | P                 | H            |
|                                  | *    | 2437              | 105.78           | -             | -                     | 93.19               | 26.9                    | 18.39            | 32.7                 | 153            | 52                | A                 | H            |
|                                  |      | 2484.25           | 63.59            | -10.41        | 74                    | 50.95               | 26.9                    | 18.47            | 32.73                | 153            | 52                | P                 | H            |
|                                  |      | 2483.5            | 49.87            | -4.13         | 54                    | 37.23               | 26.9                    | 18.47            | 32.73                | 153            | 52                | A                 | H            |
|                                  |      | 2389.94           | 58.08            | -15.92        | 74                    | 45.45               | 27                      | 18.3             | 32.67                | 195            | 247               | P                 | V            |
|                                  |      | 2389.94           | 45.94            | -8.06         | 54                    | 33.31               | 27                      | 18.3             | 32.67                | 195            | 247               | A                 | V            |
|                                  | *    | 2437              | 109.53           | -             | -                     | 96.94               | 26.9                    | 18.39            | 32.7                 | 195            | 247               | P                 | V            |
|                                  | *    | 2437              | 101.62           | -             | -                     | 89.03               | 26.9                    | 18.39            | 32.7                 | 195            | 247               | A                 | V            |
|                                  |      | 2483.5            | 60.36            | -13.64        | 74                    | 47.72               | 26.9                    | 18.47            | 32.73                | 195            | 247               | P                 | V            |
|                                  |      | 2483.5            | 49.97            | -4.03         | 54                    | 37.33               | 26.9                    | 18.47            | 32.73                | 195            | 247               | A                 | V            |



| WiFi Ant. 6+7                             | Note          | Frequency ( MHz )   | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|---|---------------|---|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax<br>HE40 Full<br>CH 09<br>2452MHz |               | 2367.4  | 50.97            | -23.03        | 74                    | 38.27               | 27.1                    | 18.26            | 32.66                | 100            | 57                | P                 | H            |
|   |               | 2389.8  | 39.37            | -14.63        | 54                    | 26.74               | 27                      | 18.3             | 32.67                | 100            | 57                | A                 | H            |
|   | *             | 2452  | 107.29           | -             | -                     | 94.69               | 26.9                    | 18.41            | 32.71                | 100            | 57                | P                 | H            |
|   | *             | 2452  | 99.53            | -             | -                     | 86.93               | 26.9                    | 18.41            | 32.71                | 100            | 57                | A                 | H            |
|   |               | 2484.25   | 58.65            | -15.35        | 74                    | 46.01               | 26.9                    | 18.47            | 32.73                | 100            | 57                | P                 | H            |
|   |               | 2483.5  | 48.52            | -5.48         | 54                    | 35.88               | 26.9                    | 18.47            | 32.73                | 100            | 57                | A                 | H            |
|   |               | 2350.18   | 50.17            | -23.83        | 74                    | 37.59               | 27                      | 18.23            | 32.65                | 198            | 248               | P                 | V            |
|   |               | 2389.94   | 39.48            | -14.52        | 54                    | 26.85               | 27                      | 18.3             | 32.67                | 198            | 248               | A                 | V            |
|   | *             | 2452  | 104.51           | -             | -                     | 91.91               | 26.9                    | 18.41            | 32.71                | 198            | 248               | P                 | V            |
|   | *             | 2452  | 97.05            | -             | -                     | 84.45               | 26.9                    | 18.41            | 32.71                | 198            | 248               | A                 | V            |
|   |               | 2483.62   | 62.34            | -11.66        | 74                    | 49.7                | 26.9                    | 18.47            | 32.73                | 198            | 248               | P                 | V            |
|   |               | 2483.5  | 52.39            | -1.61         | 54                    | 39.75               | 26.9                    | 18.47            | 32.73                | 198            | 248               | A                 | V            |
|   | <b>Remark</b> | <ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol> |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              |



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

| WIFI Ant. 6+7                             | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax<br>HE40 Full<br>CH 03<br>2422MHz |      | 4844              | 43.4             | -30.6         | 74                    | 32.14               | 32.48                   | 12.76            | 33.98                | -              | -                 | P                 | H            |
|   |      | 7266              | 47.52            | -26.48        | 74                    | 31.46               | 36.93                   | 15.52            | 36.39                | -              | -                 | P                 | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |
|   |      |                   | 4844             | 43.57         | -30.43                | 74                  | 32.31                   | 32.48            | 12.76                | 33.98          | -                 | -                 | P            |
|   |      | 7266              | 47.99            | -26.01        | 74                    | 31.93               | 36.93                   | 15.52            | 36.39                | -              | -                 | P                 | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | V            |





| WIFI Ant. 6+7                             | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |   |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax<br>HE40 Full<br>CH 06<br>2437MHz |      | 4874              | 43.91            | -30.09        | 74                    | 32.59               | 32.55                   | 12.75            | 33.98                | -              | -                 | P               | H          |   |
|   |      | 7311              | 47.96            | -26.04        | 74                    | 31.82               | 37                      | 15.55            | 36.41                | -              | -                 | P               | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | H          |   |
|   |      |                   | 4874             | 43.69         | -30.31                | 74                  | 32.37                   | 32.55            | 12.75                | 33.98          | -                 | -               | P          | V |
|   |      |                   | 7311             | 47.97         | -26.03                | 74                  | 31.83                   | 37               | 15.55                | 36.41          | -                 | -               | P          | V |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |
|   |      |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                 | V          |   |



| WiFi Ant. 6+7                             | Note   | Frequency ( MHz )  | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |  |
|---|--------|--|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|--|
| 802.11ax<br>HE40 Full<br>CH 09<br>2452MHz |        | 4904   | 44.28            | -29.72        | 74                    | 32.91               | 32.61                   | 12.73            | 33.97                | -              | -                 | P                 | H            |  |
|   |        | 7356   | 47.97            | -26.03        | 74                    | 31.83               | 36.99                   | 15.59            | 36.44                | -              | -                 | P                 | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   |        |  |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |  |
|   | 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 HE40 Partial 242 (Band Edge @ 3m)**

| WIFI Ant. 6+7                              | Note  | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |
|--|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HE40 Partial 242/61 CH 03 2422MHz |   | 2389.66           | 66.16            | -7.84         | 74                    | 53.53               | 27                      | 18.3             | 32.67                | 118            | 9                 | P                 | H            |
|  |   | 2389.94           | 51.25            | -2.75         | 54                    | 38.62               | 27                      | 18.3             | 32.67                | 118            | 9                 | A                 | H            |
|  | *   | 2422              | 108.81           | -             | -                     | 96.24               | 26.9                    | 18.36            | 32.69                | 118            | 9                 | P                 | H            |
|  | *   | 2422              | 100.83           | -             | -                     | 88.26               | 26.9                    | 18.36            | 32.69                | 118            | 9                 | A                 | H            |
|  |   | 2484.46           | 59.5             | -14.5         | 74                    | 46.86               | 26.9                    | 18.47            | 32.73                | 118            | 9                 | P                 | H            |
|  |   | 2484.32           | 40.09            | -13.91        | 54                    | 27.45               | 26.9                    | 18.47            | 32.73                | 118            | 9                 | A                 | H            |
|  |   | 2389.94           | 63.19            | -10.81        | 74                    | 50.56               | 27                      | 18.3             | 32.67                | 323            | 42                | P                 | V            |
|  |   | 2389.94           | 50.72            | -3.28         | 54                    | 38.09               | 27                      | 18.3             | 32.67                | 323            | 42                | A                 | V            |
|  | *   | 2422              | 106.77           | -             | -                     | 94.2                | 26.9                    | 18.36            | 32.69                | 323            | 42                | P                 | V            |
|  | *   | 2422              | 98.08            | -             | -                     | 85.51               | 26.9                    | 18.36            | 32.69                | 323            | 42                | A                 | V            |
|  |   | 2484.53           | 55.69            | -18.31        | 74                    | 43.05               | 26.9                    | 18.47            | 32.73                | 323            | 42                | P                 | V            |
|  |   | 2484.32           | 39.76            | -14.24        | 54                    | 27.12               | 26.9                    | 18.47            | 32.73                | 323            | 42                | A                 | V            |
| 802.11ax HE40 Partial 242/62 CH 09 2452MHz |   | 2388.96           | 50.25            | -23.75        | 74                    | 37.62               | 27                      | 18.3             | 32.67                | 106            | 347               | P                 | H            |
|  |   | 2389.94           | 39.21            | -14.79        | 54                    | 26.58               | 27                      | 18.3             | 32.67                | 106            | 347               | A                 | H            |
|  | *   | 2452              | 104.95           | -             | -                     | 92.35               | 26.9                    | 18.41            | 32.71                | 106            | 347               | P                 | H            |
|  | *   | 2452              | 96.81            | -             | -                     | 84.21               | 26.9                    | 18.41            | 32.71                | 106            | 347               | A                 | H            |
|  |   | 2483.69           | 67               | -7            | 74                    | 54.36               | 26.9                    | 18.47            | 32.73                | 106            | 347               | P                 | H            |
|  |   | 2483.5            | 52.74            | -1.26         | 54                    | 40.1                | 26.9                    | 18.47            | 32.73                | 106            | 347               | A                 | H            |
|  |   | 2388.12           | 50.05            | -23.95        | 74                    | 37.42               | 27                      | 18.3             | 32.67                | 209            | 43                | P                 | V            |
|  |   | 2365.58           | 39.13            | -14.87        | 54                    | 26.43               | 27.1                    | 18.26            | 32.66                | 209            | 43                | A                 | V            |
|  | *   | 2452              | 103.59           | -             | -                     | 90.99               | 26.9                    | 18.41            | 32.71                | 209            | 43                | P                 | V            |
|  | *   | 2452              | 95.28            | -             | -                     | 82.68               | 26.9                    | 18.41            | 32.71                | 209            | 43                | A                 | V            |
|  | 2483.97   | 65.63             | -8.37            | 74            | 52.99                 | 26.9                | 18.47                   | 32.73            | 209                  | 43             | P                 | V                 |              |
|  | 2483.5  | 51.48             | -2.52            | 54            | 38.84                 | 26.9                | 18.47                   | 32.73            | 209                  | 43             | A                 | 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 (SHF)

| WIFI                              | Note  | Frequency | Level      | Margin | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|-----------------------------------|---|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.                              |   |           |            |        | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 6+7                               |   | ( 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>SHF |   | 22228     | 40.43      | -33.57 | 74         | 45.23    | 38.34    | 17.48  | 60.62  | -      | -       | P       | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | H       |
|                                   |   |           | 22963      | 40.97  | -33.03     | 74       | 44.16    | 39.1   | 18.02  | 60.31  | -       | -       | P       |
|                                   |   |           |            |        |            |          |          |        |        |        |         |         | 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 (LF)**

| WIFI                             | Note | Frequency | Level      | Margin | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |   |
|----------------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|---|
| Ant.                             |      |           |            |        | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |   |
| 6+7                              |      | ( 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>LF |      | 31.89     | 22.29      | -17.71 | 40         | 30.03    | 24.01    | 0.99   | 32.74  | -      | -       | P     | H     |   |
|                                  |      | 142.86    | 22.33      | -21.17 | 43.5       | 35.49    | 17.44    | 2.1    | 32.7   | -      | -       | P     | H     |   |
|                                  |      | 199.56    | 19.14      | -24.36 | 43.5       | 34.42    | 14.96    | 2.47   | 32.71  | -      | -       | P     | H     |   |
|                                  |      | 264.36    | 20.76      | -25.24 | 46         | 30.58    | 20.06    | 2.88   | 32.76  | -      | -       | P     | H     |   |
|                                  |      | 383.3     | 28.5       | -17.5  | 46         | 36.75    | 21.15    | 3.44   | 32.84  | -      | -       | P     | H     |   |
|                                  |      | 958       | 36.7       | -9.3   | 46         | 31.56    | 31.19    | 5.51   | 31.56  | -      | -       | P     | H     |   |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       |       | H |
|                                  |      |           | 34.05      | 28.81  | -11.19     | 40       | 37.61    | 22.92  | 1.02   | 32.74  | -       | -     | P     | V |
|                                  |      | 91.02     | 25.04      | -18.46 | 43.5       | 40.83    | 15.23    | 1.68   | 32.7   | -      | -       | P     | V     |   |
|                                  |      | 143.94    | 25.83      | -17.67 | 43.5       | 39.02    | 17.4     | 2.11   | 32.7   | -      | -       | P     | V     |   |
|                                  |      | 413.4     | 24.49      | -21.51 | 46         | 31.39    | 22.38    | 3.58   | 32.86  | -      | -       | P     | V     |   |
|                                  |      | 717.9     | 34.2       | -11.8  | 46         | 35.21    | 27.2     | 4.71   | 32.92  | -      | -       | P     | V     |   |
|                                  |      | 951       | 35.61      | -10.39 | 46         | 30.68    | 31.08    | 5.48   | 31.63  | -      | -       | P     | V     |   |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       | V     |   |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       | V     |   |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       | V     |   |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       | V     |   |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       | V     |   |
|                                  |      |           |            |        |            |          |          |        |        |        |         |       | V     |   |

**Remark**

- No other spurious found.
- All results are PASS against limit line.
- 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.



<Sample 2>

2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (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.  |   |
|---|---|-----------|------------|--------|------------|------------|----------------|-----------|---------------|---------|-----------|-----------|-------|---|
| 6+7   |   | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )    | ( dB )        | ( cm )  | ( deg )   | (P/A)     | (H/V) |   |
| 802.11ax<br>HE20<br>Partial<br>106/53<br>CH 01<br>2412MHz |   | 2389.905  | 72.62      | -1.38  | 74         | 59.99      | 27             | 18.3      | 32.67         | 120     | 340       | P         | H     |   |
|   |   | 2390      | 51.73      | -2.27  | 54         | 39.1       | 27             | 18.3      | 32.67         | 120     | 340       | A         | H     |   |
|   | *   | 2412      | 114.22     | -      | -          | 101.59     | 26.98          | 18.34     | 32.69         | 120     | 340       | P         | H     |   |
|   | *   | 2412      | 105.11     | -      | -          | 92.48      | 26.98          | 18.34     | 32.69         | 120     | 340       | A         | H     |   |
|   |   |           |            |        |            |            |                |           |               |         |           |           | H     |   |
|   |   |           |            |        |            |            |                |           |               |         |           |           |       | H |
|   |   |           | 2390       | 71.48  | -2.52      | 74         | 58.85          | 27        | 18.3          | 32.67   | 222       | 256       | P     | V |
|   |   |           | 2390       | 49.37  | -4.63      | 54         | 36.74          | 27        | 18.3          | 32.67   | 222       | 256       | A     | V |
|   | *   |           | 2412       | 111.93 | -          | -          | 99.3           | 26.98     | 18.34         | 32.69   | 222       | 256       | P     | V |
|   | *   |           | 2412       | 103.9  | -          | -          | 91.27          | 26.98     | 18.34         | 32.69   | 222       | 256       | 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 (Harmonic @ 3m)

| WIFI Ant. 6+7                              | Note   | Frequency ( MHz ) | Level ( dBμV/m ) | Margin ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. ( P/A ) | Pol. ( H/V ) |   |
|--|--|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HE20 Partial 106/53 CH 01 2412MHz |  | 4824              | 43.76            | -30.24        | 74                    | 32.56               | 32.4                    | 12.78            | 33.98                | -              | -                 | P                 | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   | H            |   |
|  |  |                   | 4824             | 43.85         | -30.15                | 74                  | 32.65                   | 32.4             | 12.78                | 33.98          | -                 | -                 | P            | 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 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. |                   |                  |               |                       |                     |                         |                  |                      |                |                   |                   |              |   |



Emission above 18GHz

2.4GHz WIFI 802.11ax HE20 Partial 106 (SHF)

| WIFI   | Note   | Frequency | Level      | Margin | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|--|--|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.   |  |           |            |        | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 6+7  |  | ( 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 106<br>SHF |  | 20408     | 40.2       | -33.8  | 74         | 48.38    | 37.7     | 16.25  | 62.13  | -      | -       | P       | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | H       |
|  |  |           | 22158      | 40.06  | -33.94     | 74       | 44.98    | 38.32  | 17.43  | 60.67  | -       | -       | P       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
|  |  |           |            |        |            |          |          |        |        |        |         |         | V       |
| <b>Remark</b>                                    | <ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol> |           |            |        |            |          |          |        |        |        |         |         |         |





Emission below 1GHz

2.4GHz WIFI 802.11ax HE20 Partial 106 (LF)

| WIFI  | Note | Frequency | Level      | Margin | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |   |
|---|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant.  |      |           |            |        | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |   |
| 6+7   |      | ( 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 106<br>LF |      | 31.62     | 22.99      | -17.01 | 40         | 30.73    | 24.01    | 0.99   | 32.74  | -      | -       | P       | H       |   |
|   |      | 145.56    | 21.76      | -21.74 | 43.5       | 35       | 17.34    | 2.12   | 32.7   | -      | -       | P       | H       |   |
|   |      | 199.56    | 18.14      | -25.36 | 43.5       | 33.42    | 14.96    | 2.47   | 32.71  | -      | -       | P       | H       |   |
|   |      | 383.3     | 28.5       | -17.5  | 46         | 36.75    | 21.15    | 3.44   | 32.84  | -      | -       | P       | H       |   |
|   |      | 618.5     | 28.79      | -17.21 | 46         | 31.47    | 25.94    | 4.41   | 33.03  | -      | -       | P       | H       |   |
|   |      | 953.8     | 36.48      | -9.52  | 46         | 31.44    | 31.14    | 5.5    | 31.6   | -      | -       | P       | H       |   |
|   |      |           |            |        |            |          |          |        |        |        |         |         |         | H |
|   |      |           |            |        |            |          |          |        |        |        |         |         |         | H |
|   |      |           |            |        |            |          |          |        |        |        |         |         |         | H |
|   |      |           |            |        |            |          |          |        |        |        |         |         |         | H |
|   |      |           |            |        |            |          |          |        |        |        |         |         |         | H |
|   |      |           |            |        |            |          |          |        |        |        |         |         |         | H |
|   |      |           | 32.7       | 29.4   | -10.6      | 40       | 37.6     | 23.54  | 1      | 32.74  | -       | -       | P       | V |
|   |      |           | 91.29      | 26.11  | -17.39     | 43.5     | 41.87    | 15.25  | 1.69   | 32.7   | -       | -       | P       | V |
|   |      |           | 143.94     | 25.83  | -17.67     | 43.5     | 39.02    | 17.4   | 2.11   | 32.7   | -       | -       | P       | V |
|   |      |           | 464.5      | 26.39  | -19.61     | 46       | 32.19    | 23.27  | 3.84   | 32.91  | -       | -       | P       | V |
|   |      |           | 717.9      | 33.2   | -12.8      | 46       | 34.21    | 27.2   | 4.71   | 32.92  | -       | -       | P       | V |
|   |      |           | 939.1      | 36.34  | -9.66      | 46       | 32.15    | 30.49  | 5.44   | 31.74  | -       | -       | P       | V |
|   |      |           |            |        |            |          |          |        |        |        |         |         | V       |   |
|   |      |           |            |        |            |          |          |        |        |        |         |         | V       |   |
|   |      |           |            |        |            |          |          |        |        |        |         |         | V       |   |
|   |      |           |            |        |            |          |          |        |        |        |         |         | V       |   |
|   |      |           |            |        |            |          |          |        |        |        |         |         | V       |   |
|   |      |           |            |        |            |          |          |        |        |        |         |         | V       |   |

**Remark**

- No other spurious found.
- All results are PASS against limit line.
- 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>Peak</b> or <b>Average</b>  |
| H/V | <b>Horizontal</b> or <b>Vertical</b>   |



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.    |         |
| 6+7     |      | ( 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   |      | 2390      | 43.54      | -10.46 | 54         | 42.6     | 32.22    | 4.58   | 35.86  | 103    | 308     | A       | H       |
| 2412MHz |      |           |            |        |            |          |          |        |        |        |         |         |         |

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 : | Jack Cheng, Ray Lung and Sky Chang | Temperature :       | 18~26°C |
|                 |                                    | Relative Humidity : | 50~70%  |

### Note symbol

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



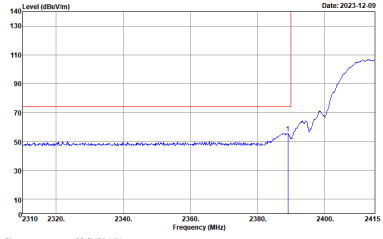
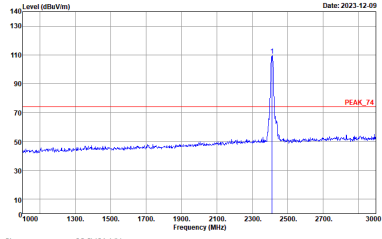
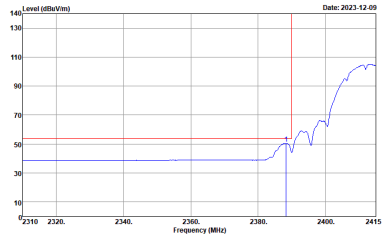
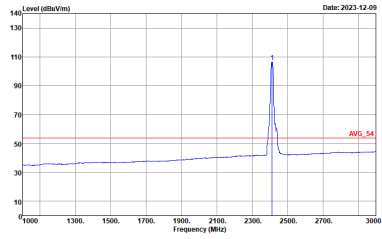
<Sample 1>

2.4GHz 2400~2483.5MHz

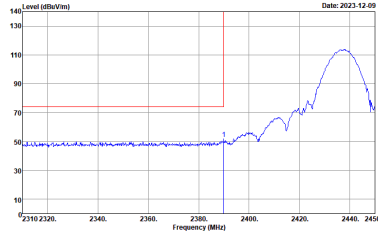
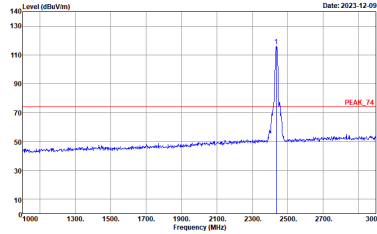
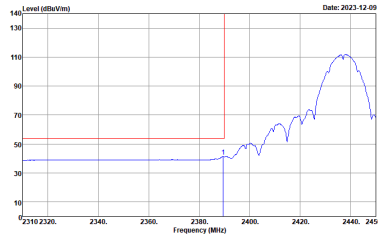
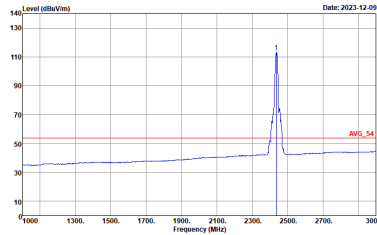
WIFI 802.11b (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11b CH01 2412MHz  |  |
| 6+7  | Horizontal  | Fundamental  |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

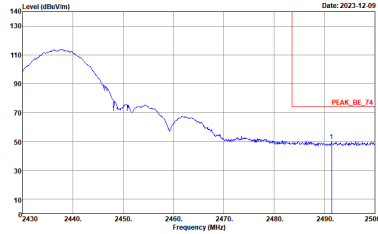
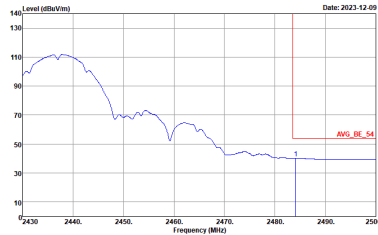


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11b CH01 2412MHz  |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



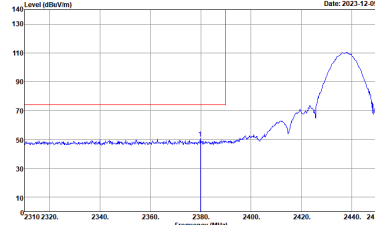
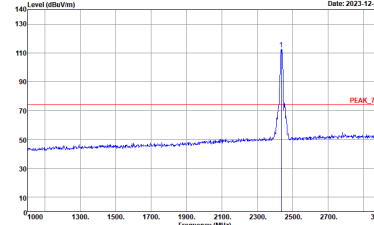
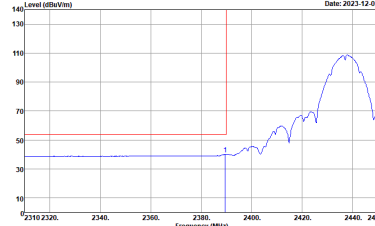
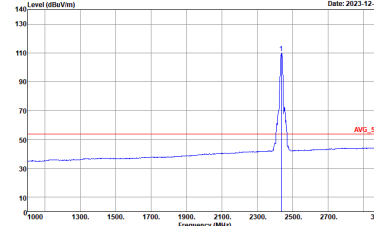
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11b CH06 2437MHz - L  |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



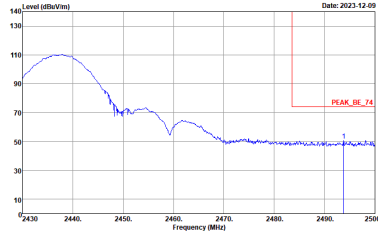
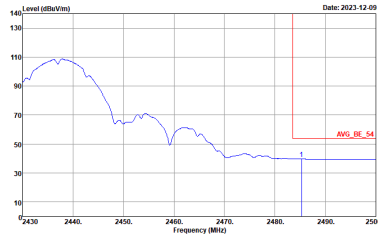
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11b CH06 2437MHz - R  |             |
| 6+7  | Horizontal  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |



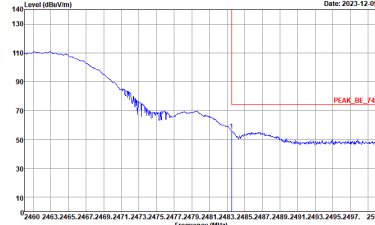
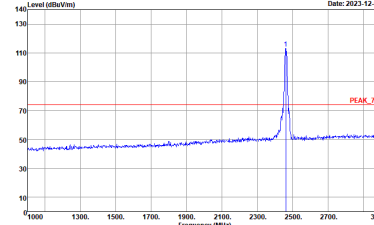
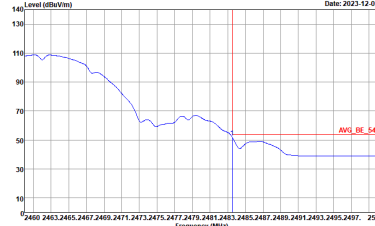
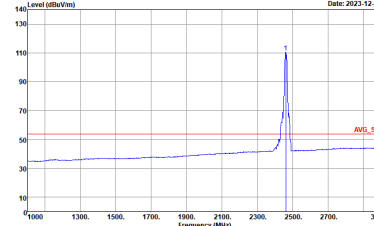


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11b CH06 2437MHz - L  |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

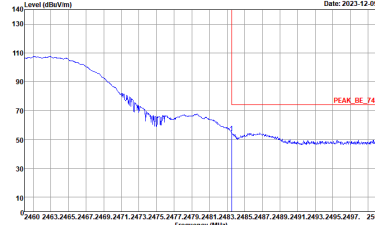
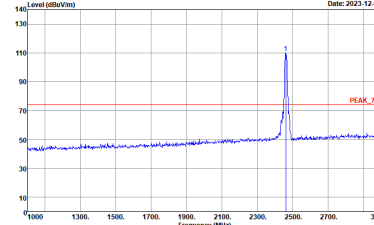
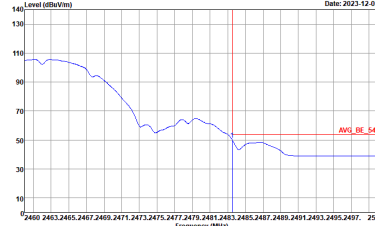
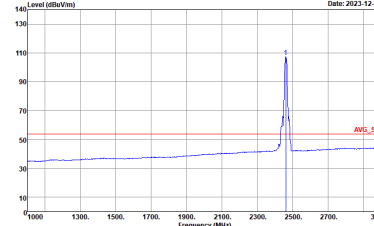


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11b CH06 2437MHz - R  |             |
| 6+7  | Vertical  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |



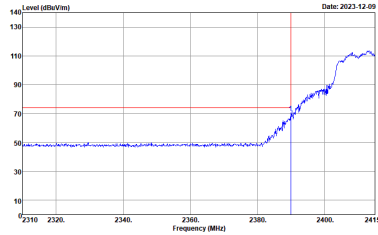
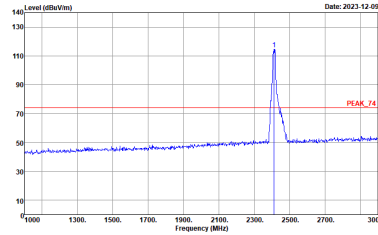
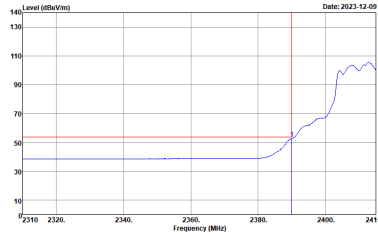
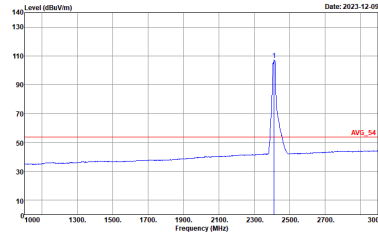
|      |   |   |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
| ANT  | 802.11b CH11 2462MHz  |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   |



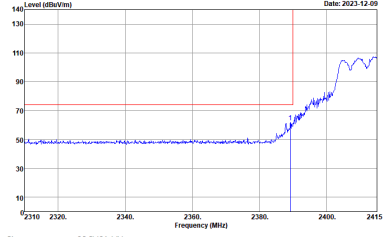
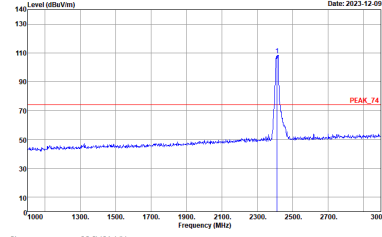
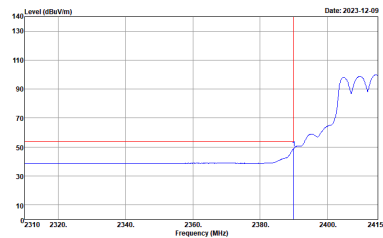
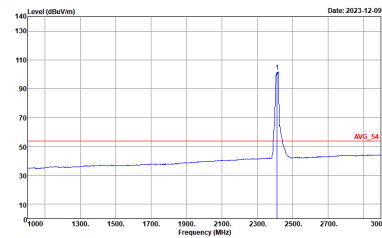
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11b CH11 2462MHz  |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



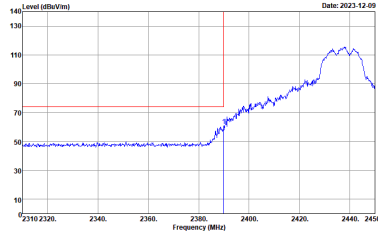
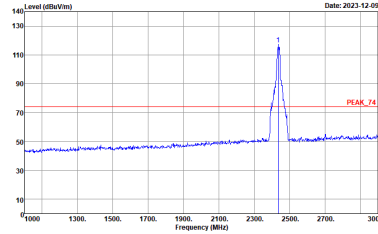
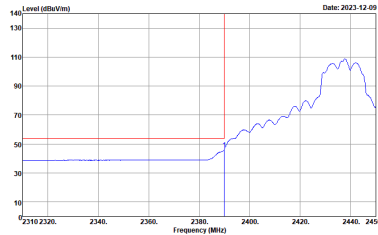
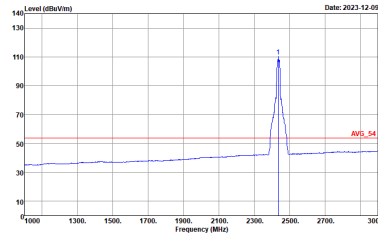
2.4GHz 2400~2483.5MHz  
 WIFI 802.11g (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11g CH01 2412MHz  |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>           Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>           : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>           Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>           : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>           Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>           : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>           Condition : AVG_54 3m HORN_03A18EN_230712 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  |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



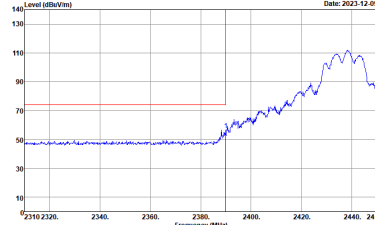
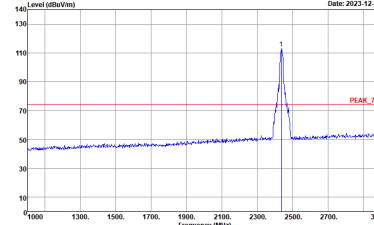
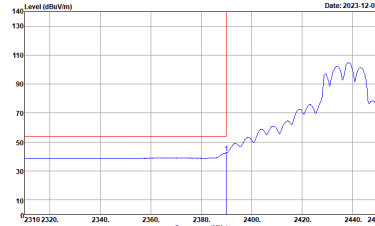
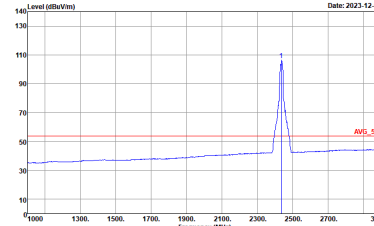
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11g CH06 2437MHz - L  |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



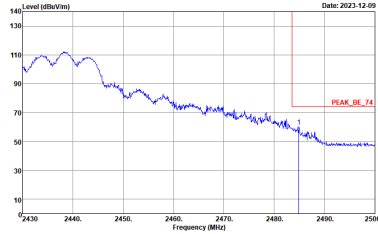
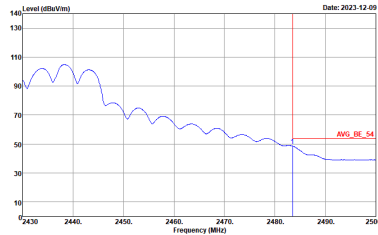
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11g CH06 2437MHz - R  |             |
| 6+7  | Horizontal  | Fundamental |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>     | Left blank  |



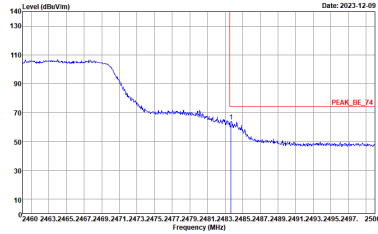
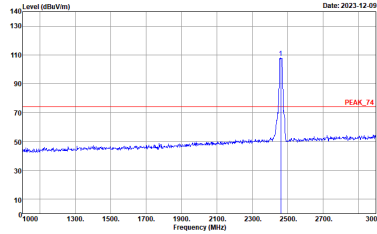
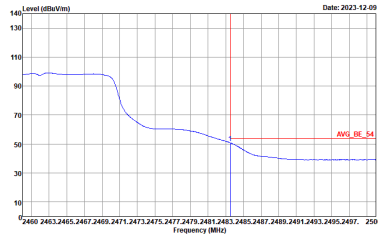
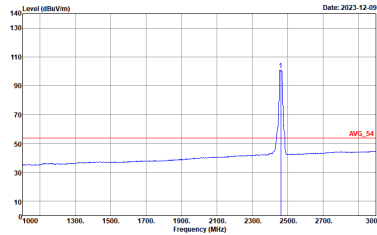


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11g CH06 2437MHz - L  |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

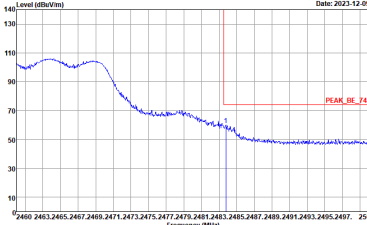
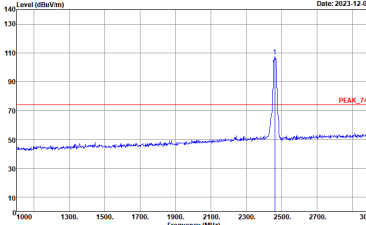
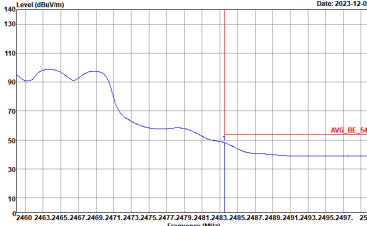
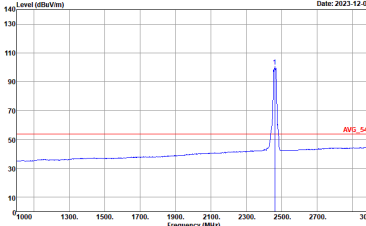


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11g CH06 2437MHz - R  |             |
| 6+7  | Vertical  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left Blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left Blank  |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11g CH11 2462MHz  |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 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  |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

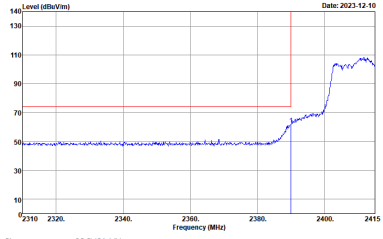
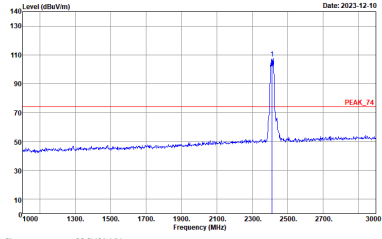
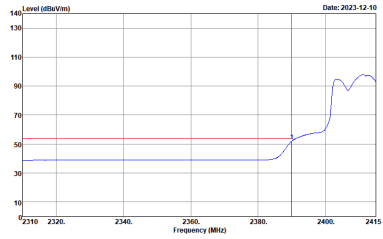
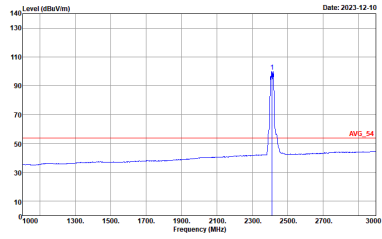


2.4GHz 2400~2483.5MHz

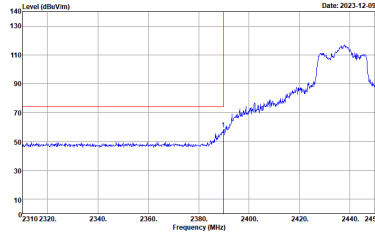
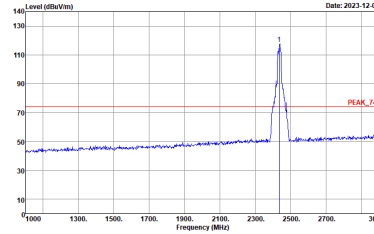
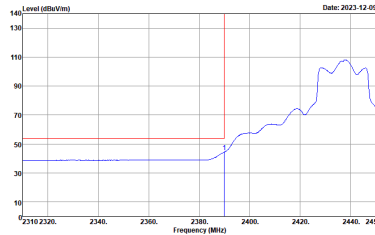
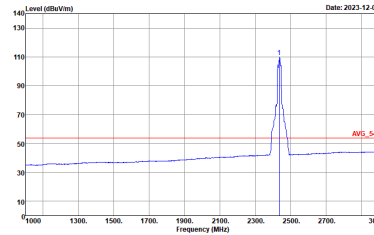
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11ax HE20 Full CH01 2412MHz   |  |
| 6+7  | Horizontal  | Fundamental  |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>     | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 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   |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



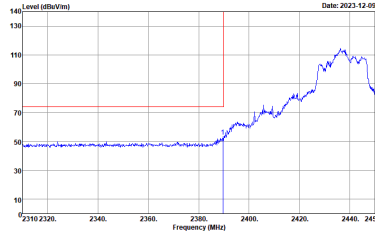
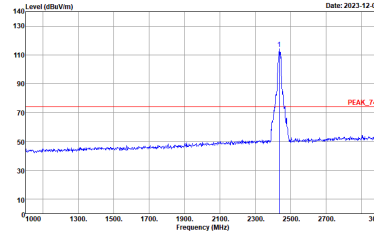
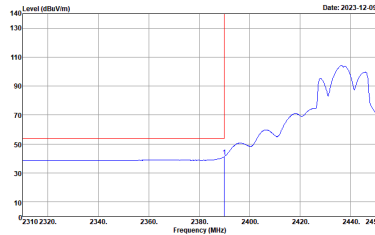
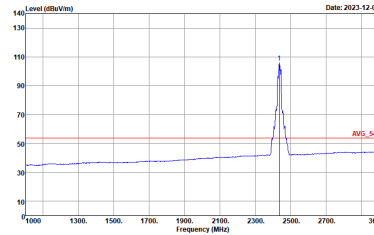
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Full CH06 2437MHz - L   |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 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  |             |
| 6+7  | Horizontal                           | Fundamental |
| Peak |                                      | Left blank  |
| Avg. |                                      | Left blank  |



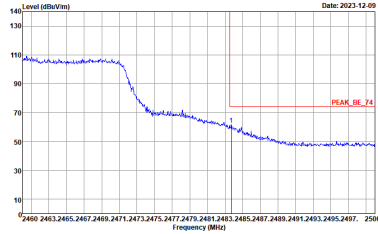
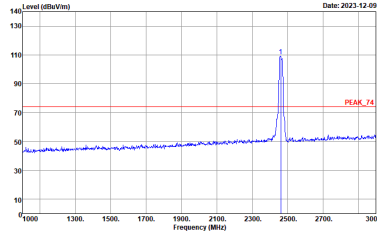
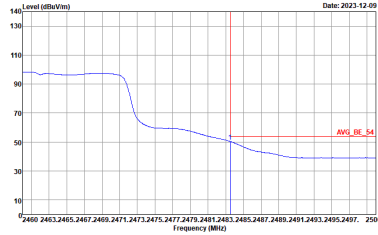
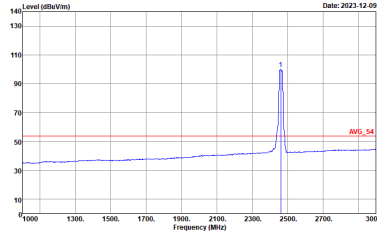


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Full CH06 2437MHz - L   |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 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  |             |
| 6+7  | Vertical                             | Fundamental |
| Peak |                                      | Left blank  |
| Avg. |                                      | Left blank  |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Full CH11 2462MHz   |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

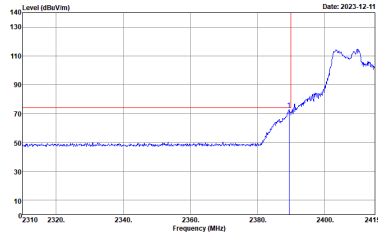
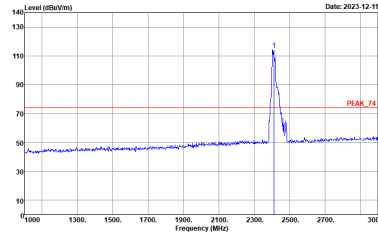
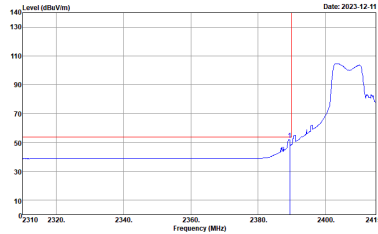
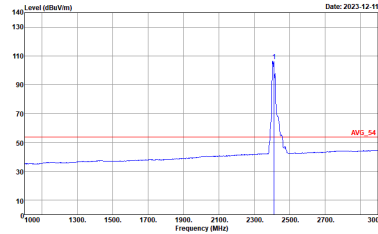


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11ax HE20 Full CH11 2462MHz   |  |
| 6+7  | Vertical  | Fundamental  |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

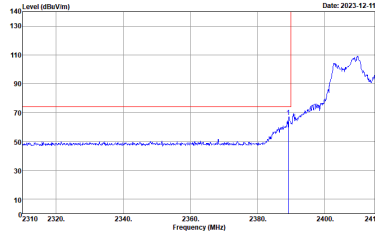
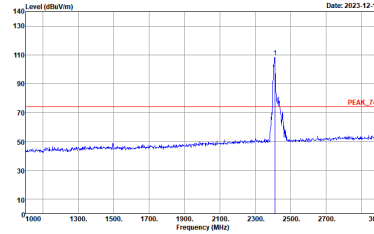
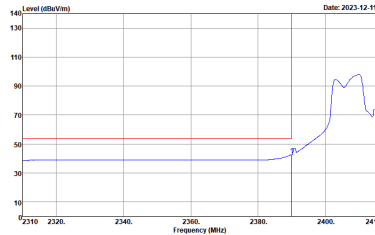
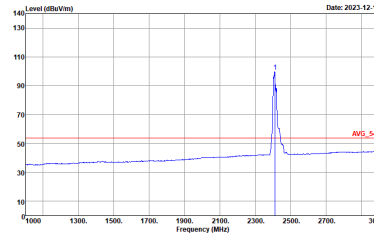


2.4GHz 2400~2483.5MHz

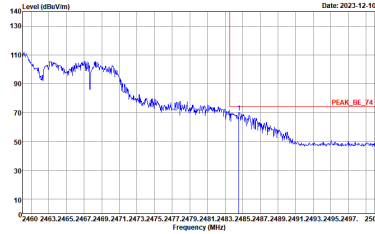
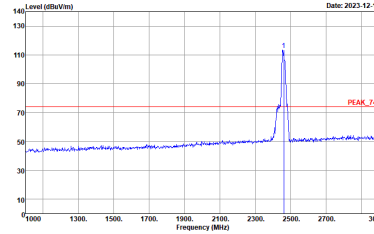
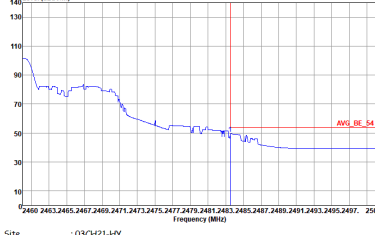
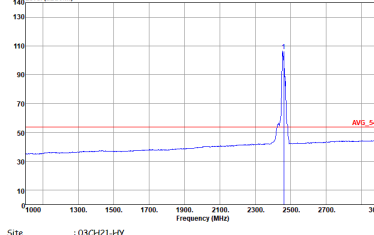
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Partial 106/53 CH01 2412MHz   |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>   |

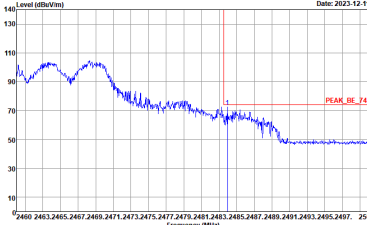
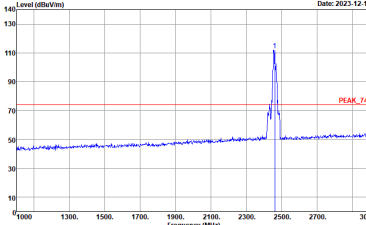
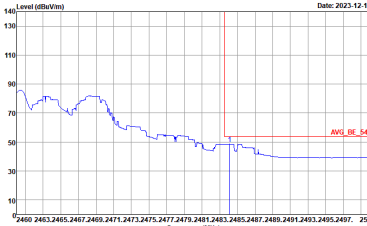
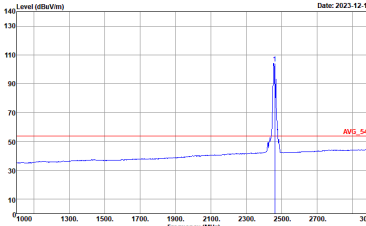


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Partial 106/53 CH01 2412MHz   |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Partial 106/54 CH11 2462MHz   |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Date: 2023-12-10</p> <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Date: 2023-12-11</p> <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Date: 2023-12-11</p> <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Date: 2023-12-11</p> <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Partial 106/54 CH11 2462MHz   |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



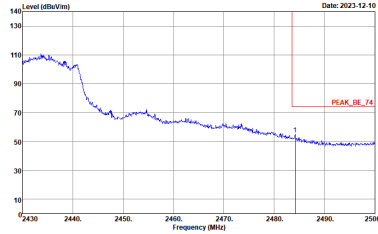
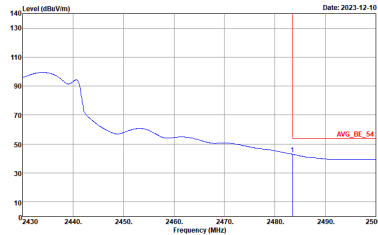


2.4GHz 2400~2483.5MHz

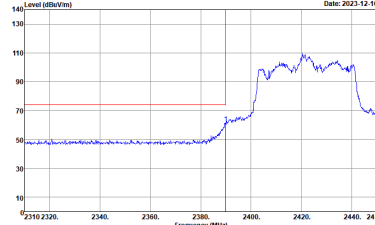
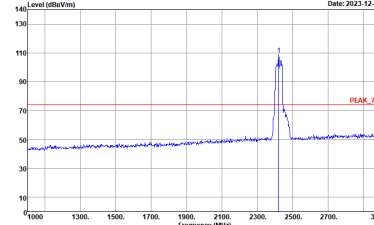
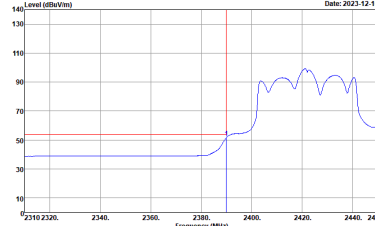
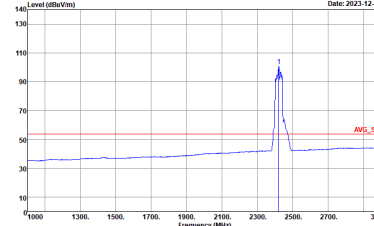
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11ax HE40 Full CH03 2422MHz - L   |  |
| 6+7  | Horizontal  | Fundamental  |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>     | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>     |

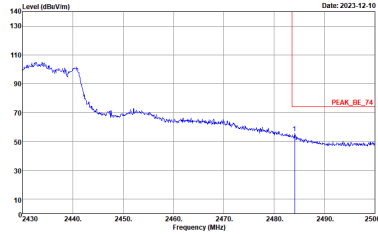
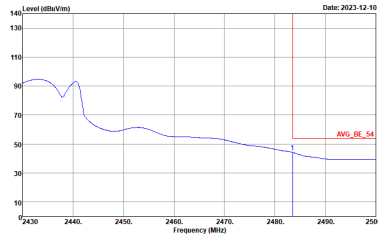


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Full CH03 2422MHz - R   |             |
| 6+7  | Horizontal  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |

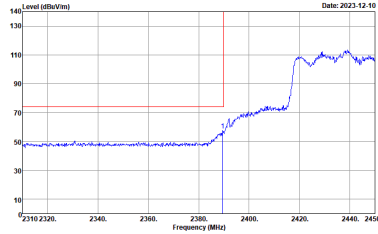
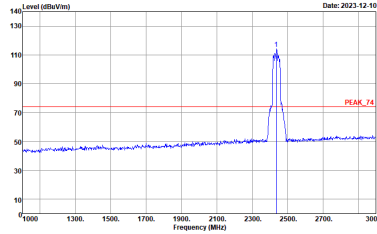
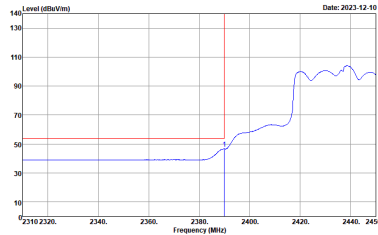
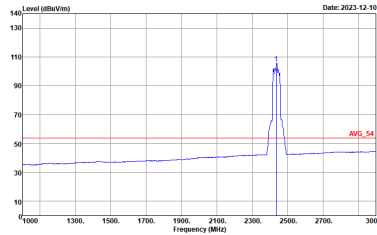


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE40 Full CH03 2422MHz - L   |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |

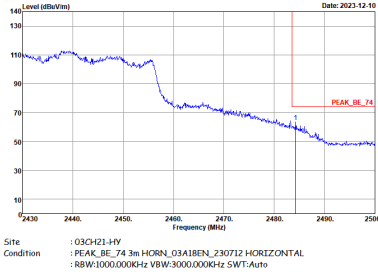
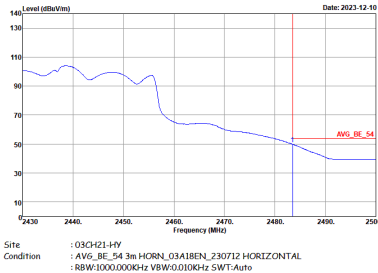


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Full CH03 2422MHz - R   |             |
| 6+7  | Vertical  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE40 Full CH06 2437MHz - L   |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Full CH06 2437MHz - R   |             |
| 6+7  | Horizontal  | Fundamental |
| Peak |    | Left blank  |
| Avg. |  | Left blank  |



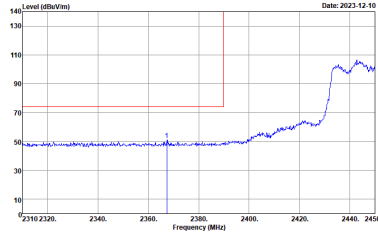
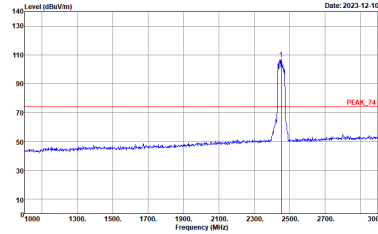
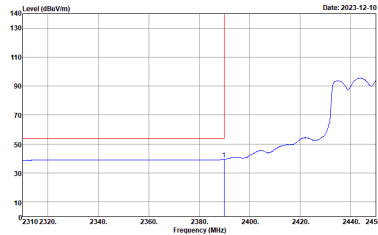
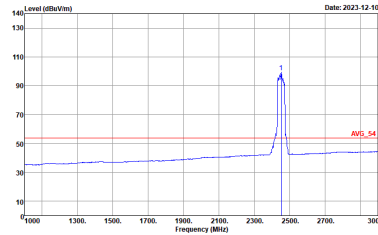
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11ax HE40 Full CH06 2437MHz - L   |  |
| 6+7  | Vertical  | Fundamental  |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |



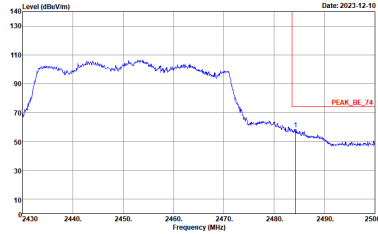
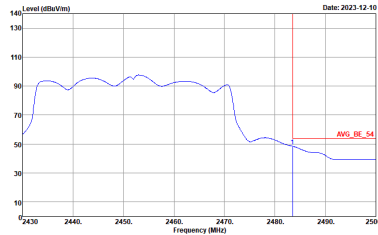
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |             |
|------|--------------------------------------|-------------|
| ANT  | 802.11ax HE40 Full CH06 2437MHz - R  |             |
| 6+7  | Vertical                             | Fundamental |
| Peak |                                      | Left blank  |
| Avg. |                                      | Left blank  |



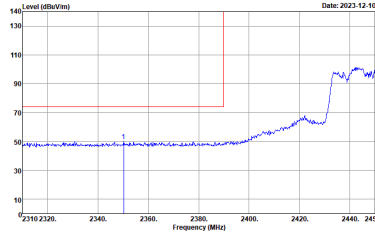
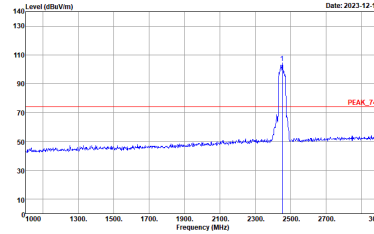
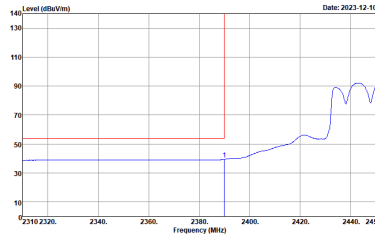
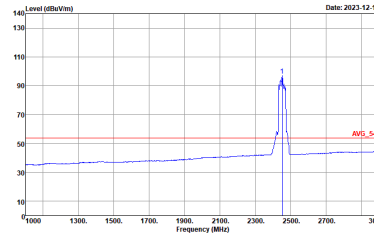


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE40 Full CH09 2452MHz - L   |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Full CH09 2452MHz - R   |             |
| 6+7  | Horizontal  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE40 Full CH09 2452MHz - L   |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Full CH09 2452MHz - R   |             |
| 6+7  | Vertical  | Fundamental |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>     | Left blank  |

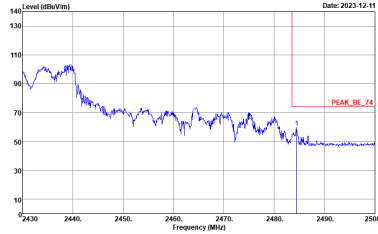
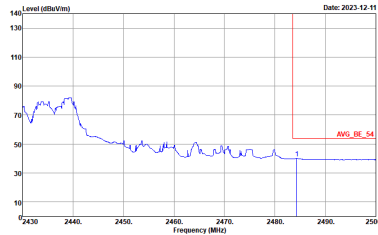


2.4GHz 2400~2483.5MHz

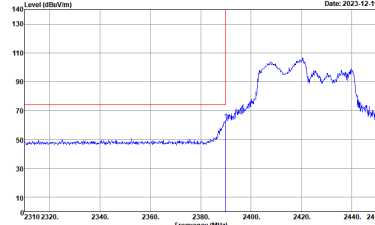
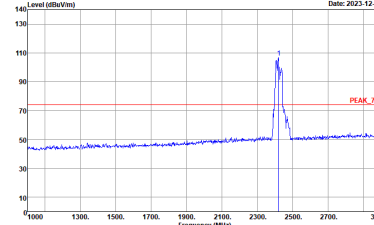
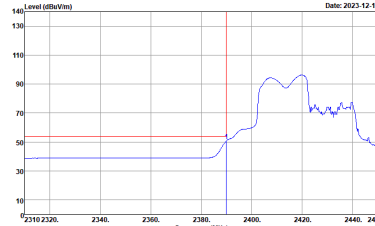
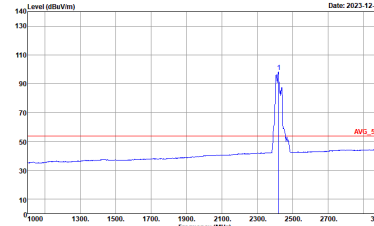
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11ax HE40 Partial 242/61 CH03 2422MHz - L   |  |
| 6+7  | Horizontal  | Fundamental  |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>     | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>     |

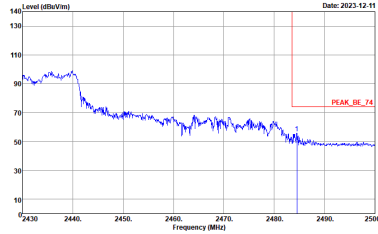
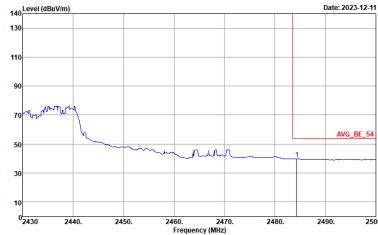


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Partial 242/61 CH03 2422MHz - R   |             |
| 6+7  | Horizontal  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE40 Partial 242/61 CH03 2422MHz - L   |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



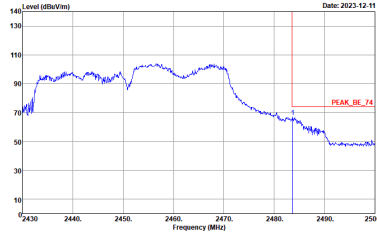
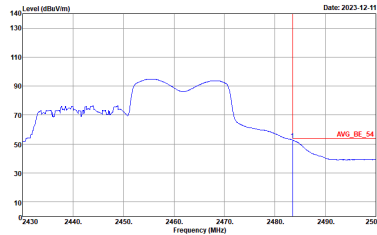
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Partial 242/61 CH03 2422MHz - R   |             |
| 6+7  | Vertical  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |





| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11ax HE40 Partial 242/62 CH09 2452MHz - L   |  |
| 6+7  | Horizontal  | Fundamental  |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |

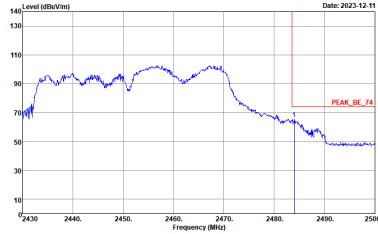
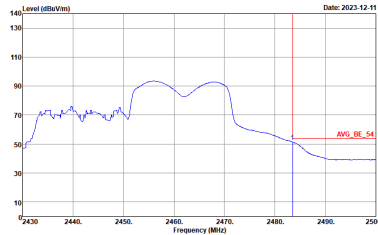


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Partial 242/62 CH09 2452MHz - R   |             |
| 6+7  | Horizontal  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |



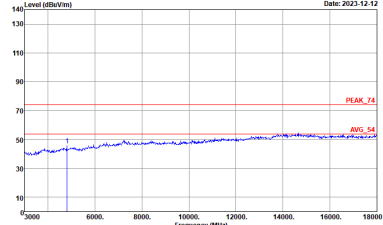
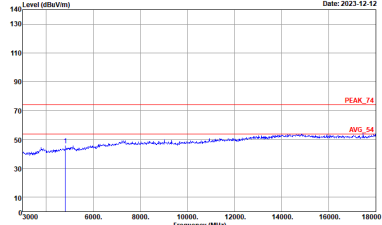
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |  |
|------|---|--|
| ANT  | 802.11ax HE40 Partial 242/62 CH09 2452MHz - L   |  |
| 6+7  | Vertical  | Fundamental  |
| Peak | <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>     |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |             |
|------|---|-------------|
| ANT  | 802.11ax HE40 Partial 242/62 CH09 2452MHz - R   |             |
| 6+7  | Vertical  | Fundamental |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWF:Auto</p>   | Left blank  |



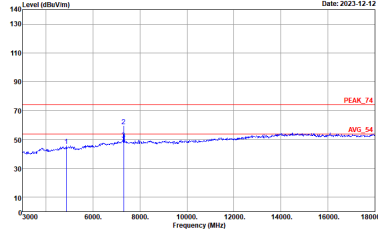
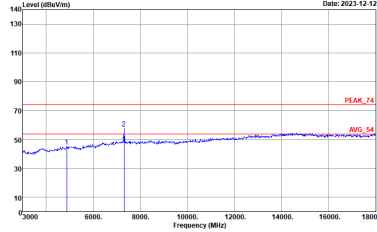
2.4GHz 2400~2483.5MHz  
WIFI 802.11b (Harmonic @ 3m)

| WIFI                 | 2.4GHz 2400~2483.5MHz Harmonic @ 3m   |  |
|----------------------|---|--|
| ANT                  | 802.11b CH01 2412MHz  |  |
| 6+7                  | Horizontal  | Vertical   |
| <p>Peak<br/>Avg.</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11b CH01 2412MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |



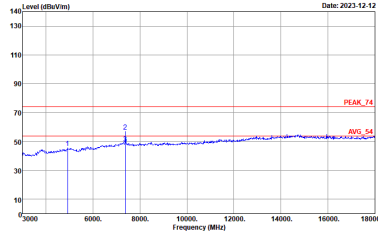
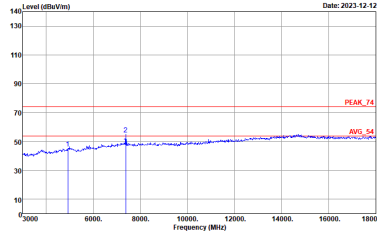
|                                       |   |  |
|---------------------------------------|---|--|
| WIFI                                  | 2.4GHz 2400~2483.5MHz Harmonic @ 3m   |  |
| ANT                                   | 802.11b CH06 2437MHz  |  |
| 6+7                                   | Horizontal  | Vertical   |
| <p><b>Peak</b></p> <p><b>Avg.</b></p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11b CH06 2437MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |





|                      |   |  |
|----------------------|---|--|
| <b>WIFI</b>          | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>  |  |
| <b>ANT</b>           | <b>802.11b CH11 2462MHz</b>   |  |
| <b>6+7</b>           | <b>Horizontal</b>   | <b>Vertical</b>  |
| <b>Peak<br/>Avg.</b> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11b CH11 2462MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |



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

| WIFI         | 2.4GHz 2400~2483.5MHz Harmonic @ 3m   |   |
|--------------|---|---|
| ANT          | 802.11g CH01 2412MHz  |   |
| 6+7          | Horizontal  | Vertical  |
| Peak<br>Avg. | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11g CH01 2412MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |



|                      |   |   |
|----------------------|---|---|
| <b>WIFI</b>          | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>  |   |
| <b>ANT</b>           | <b>802.11g CH06 2437MHz</b>   |   |
| <b>6+7</b>           | <b>Horizontal</b>   | <b>Vertical</b>   |
| <b>Peak<br/>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11g CH06 2437MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |



|                      |   |   |
|----------------------|---|---|
| <b>WIFI</b>          | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>  |   |
| <b>ANT</b>           | <b>802.11g CH11 2462MHz</b>   |   |
| <b>6+7</b>           | <b>Horizontal</b>   | <b>Vertical</b>   |
| <b>Peak<br/>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11g CH11 2462MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |

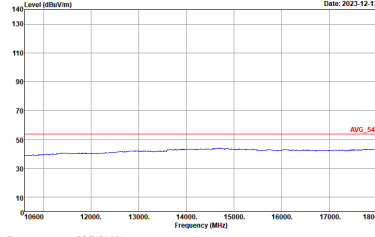
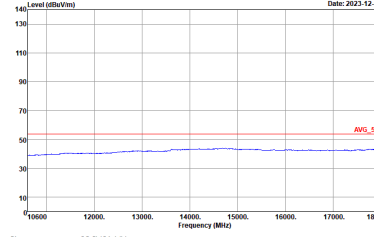




**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11 ax HE20 Full (Harmonic @ 3m)**

|             |  |  |
|-------------|--|--|
| <b>WIFI</b> | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>   |  |
| <b>ANT</b>  | <b>802.11 ax HE20 Full CH01 2412MHz</b>  |  |
| <b>6+7</b>  | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>Peak</b> | <p>Site : 03CH21-HY<br/>         Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>         Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |
| <b>Avg.</b> |  |  |



|   |  |   |
|---|--|---|
| <b>WIFI</b>   | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>   |   |
| <b>ANT</b>  | <b>802.11 ax HE20 Full CH01 2412MHz</b>  |   |
| <b>6+7</b>  | <b>Horizontal</b>  | <b>Vertical</b>   |
| <p><b>10.6G</b></p> <p><b>~18G</b></p> <p><b>Avg.</b></p> |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A1BEN_230712 HORIZONTAL</p> |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A1BEN_230712 VERTICAL</p> |

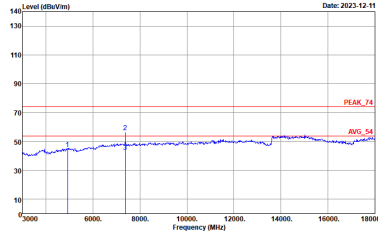
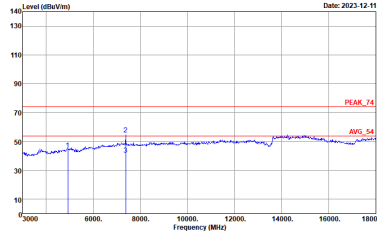


|                      |   |   |
|----------------------|---|---|
| <b>WIFI</b>          | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>  |   |
| <b>ANT</b>           | <b>802.11 ax HE20 Full CH06 2437MHz</b>   |   |
| <b>6+7</b>           | <b>Horizontal</b>   | <b>Vertical</b>   |
| <b>Peak<br/>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11 ax HE20 Full CH06 2437MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A1BEN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A1BEN_230712 VERTICAL</p> |



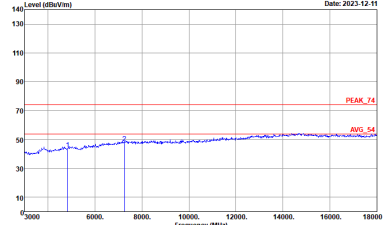
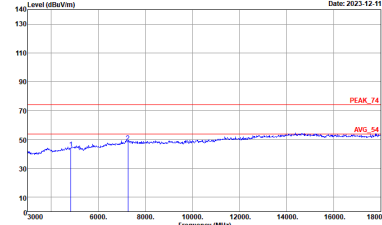
|                      |   |  |
|----------------------|---|--|
| <b>WIFI</b>          | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>  |  |
| <b>ANT</b>           | <b>802.11 ax HE20 Full CH11 2462MHz</b>   |  |
| <b>6+7</b>           | <b>Horizontal</b>   | <b>Vertical</b>  |
| <b>Peak<br/>Avg.</b> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11 ax HE20 Full CH11 2462MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |



2.4GHz 2400~2483.5MHz  
 WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

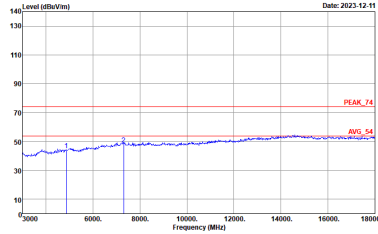
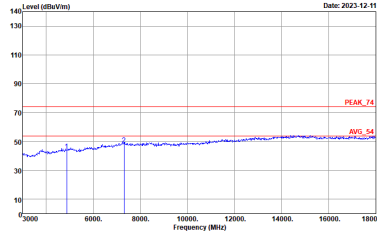
|              |  |   |
|--------------|--|---|
| WIFI         | 2.4GHz 2400~2483.5MHz Harmonic @ 3m  |   |
| ANT          | 802.11 ax HE40 Full CH03 2422MHz   |   |
| 6+7          | Horizontal   | Vertical  |
| Peak<br>Avg. |  <p>Site : 03CH21-HY<br/>       Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> |  <p>Site : 03CH21-HY<br/>       Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11 ax HE40 Full CH03 2422MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |



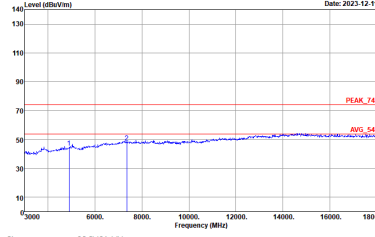
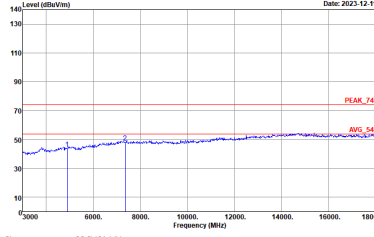


|                      |   |  |
|----------------------|---|--|
| <b>WIFI</b>          | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>  |  |
| <b>ANT</b>           | <b>802.11 ax HE40 Full CH06 2437MHz</b>   |  |
| <b>6+7</b>           | <b>Horizontal</b>   | <b>Vertical</b>  |
| <b>Peak<br/>Avg.</b> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11 ax HE40 Full CH06 2437MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |



|                      |   |  |
|----------------------|---|--|
| WIFI                 | 2.4GHz 2400~2483.5MHz Harmonic @ 3m   |  |
| ANT                  | 802.11 ax HE40 Full CH09 2452MHz  |  |
| 6+7                  | Horizontal  | Vertical   |
| <p>Peak<br/>Avg.</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11 ax HE40 Full CH09 2452MHz</b>  |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |

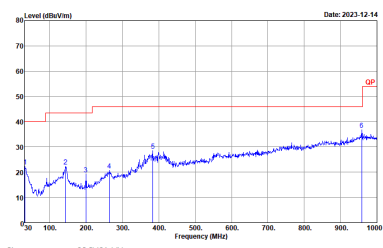
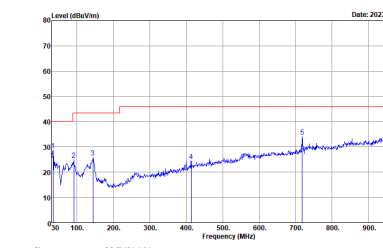


Emission above 18GHz  
2.4GHz WIFI 802.11ax HE20 (SHF @ 1m)

| WIFI         | 2.4GHz 2400~2483.5MHz   |   |
|--------------|---|---|
| ANT          | 802.11ax HE20 SHF   |   |
| 6+7          | Horizontal  | Vertical  |
| Peak<br>Avg. | <p>Site : 03CH21-HY<br/>Condition : PEAK(LINE) 1m BBHA9170_1225_230710 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK(LINE) 1m BBHA9170_1225_230710 VERTICAL</p> |



Emission below 1GHz  
2.4GHz WIFI 802.11ax HE20 (LF)

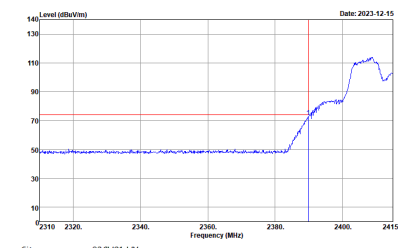
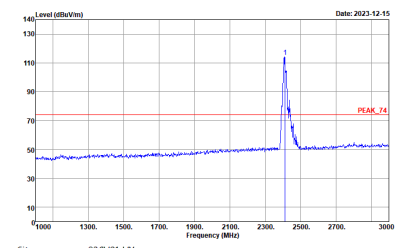
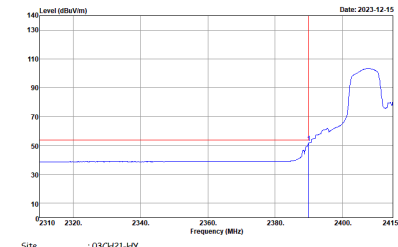
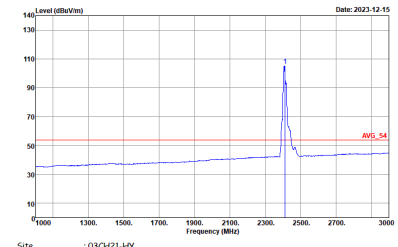
|              |  |   |
|--------------|--|---|
| WIFI         | 2.4GHz 2400~2483.5MHz  |   |
| ANT          | 802.11ax HE20 LF   |   |
| 6+7          | Horizontal   | Vertical  |
| QP /<br>Peak |  <p>Site : 03CH21-HY<br/>Condition : QP-3m 633034001_231015_30-HORIZONTAL<br/>:</p> |  <p>Site : 03CH21-HY<br/>Condition : QP-3m 633034001_231015_30-VERTICAL<br/>:</p> |



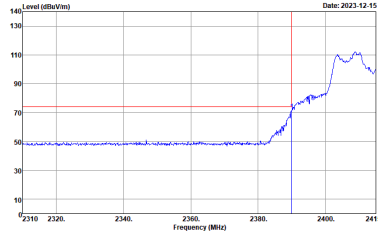
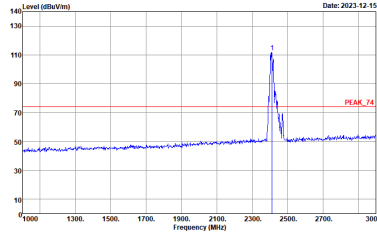
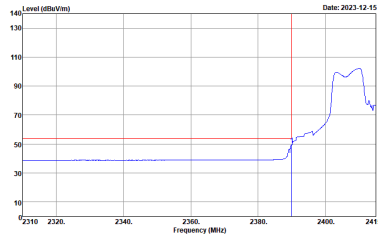
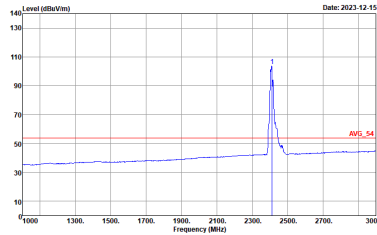
<Sample 2>

2.4GHz 2400~2483.5MHz

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

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Partial 106/53 CH01 2412MHz   |   |
| 6+7  | Horizontal  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m  |   |
|------|---|---|
| ANT  | 802.11ax HE20 Partial 106/53 CH01 2412MHz   |   |
| 6+7  | Vertical  | Fundamental   |
| Peak |  <p>Site : 03CH21-HY<br/>Condition : PEAK_BE_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH21-HY<br/>Condition : AVG_BE_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |  <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   |





2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

| WIFI         | 2.4GHz 2400~2483.5MHz Harmonic @ 3m   |   |
|--------------|---|---|
| ANT          | 802.11ax HE20 Partial 106/53 CH01 2412MHz   |   |
| 6+7          | Horizontal  | Vertical  |
| Peak<br>Avg. | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK_74 3m HORN_03A18EN_230712 VERTICAL</p> |



|  |  |  |
|--|--|--|
| <b>WIFI</b>                                | <b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>                                       |  |
| <b>ANT</b>                                 | <b>802.11ax HE20 Partial 106/53 CH01 2412MHz</b>                                 |  |
| <b>6+7</b>                                 | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>10.6G</b><br><b>~18G</b><br><b>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : AVG_54 3m HORN_03A18EN_230712 VERTICAL</p> |



Emission above 18GHz

2.4GHz WIFI 802.11ax HE20 Partial 106 (SHF @ 1m)

|                      |   |   |
|----------------------|---|---|
| <b>WIFI</b>          | <b>2.4GHz 2400~2483.5MHz</b>  |   |
| <b>ANT</b>           | <b>802.11ax HE20 Partial 106 SHF</b>  |   |
| <b>6+7</b>           | <b>Horizontal</b>   | <b>Vertical</b>   |
| <b>Peak<br/>Avg.</b> | <p>Site : 03CH21-HY<br/>Condition : PEAK(LINE) 1m BBH49170_1225_230710 HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : PEAK(LINE) 1m BBH49170_1225_230710 VERTICAL</p> |



Emission below 1GHz  
2.4GHz WIFI 802.11ax HE20 Partial 106 (LF)

|                      |  |  |
|----------------------|--|--|
| <b>WIFI</b>          | <b>2.4GHz 2400~2483.5MHz</b>   |  |
| <b>ANT</b>           | <b>802.11ax HE20 Partial 106 LF</b>  |  |
| <b>6+7</b>           | <b>Horizontal</b>  | <b>Vertical</b>  |
| <b>QP /<br/>Peak</b> | <p>Site : 03CH21-HY<br/>Condition : QP-3m 633034001_231015_30-HORIZONTAL</p> | <p>Site : 03CH21-HY<br/>Condition : QP-3m 633034001_231015_30-VERTICAL</p> |

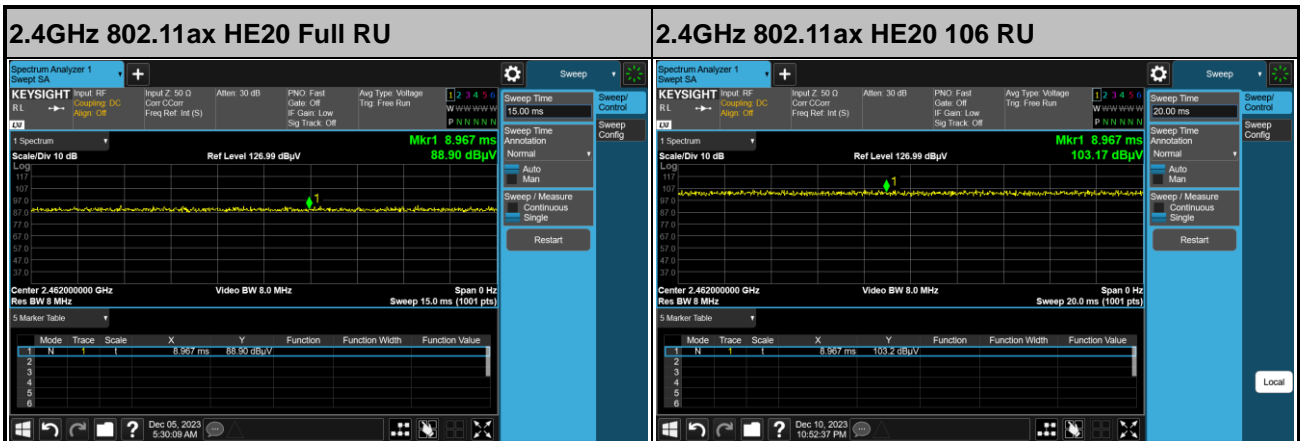
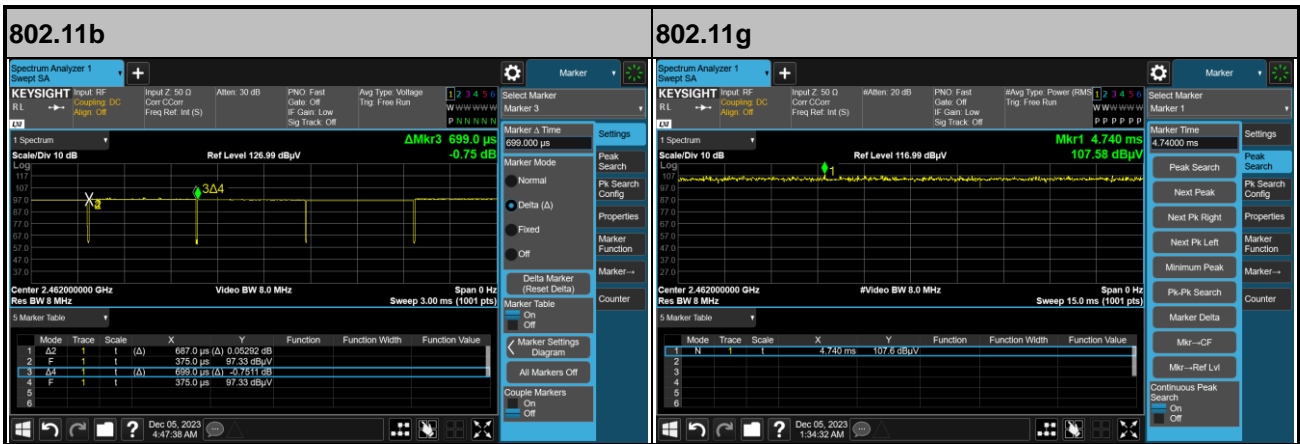


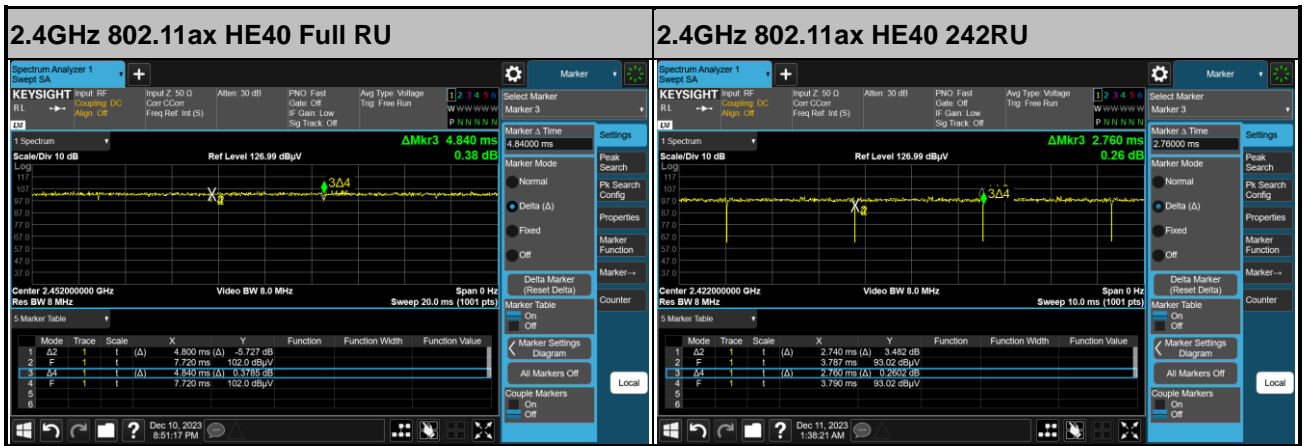
# Appendix E. Duty Cycle Plots

<Sample 1>

| Antenna | Band                         | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|------------------------------|---------------|-------|----------|-------------|
| 6+7     | 802.11b                      | 98.28         | -     | -        | 10Hz        |
| 6+7     | 802.11g                      | 100.00        | -     | -        | 10Hz        |
| 6+7     | 2.4GHz 802.11ax HE20 Full RU | 100.00        | -     | -        | 10Hz        |
| 6+7     | 2.4GHz 802.11ax HE20 106 RU  | 100.00        | -     | -        | 10Hz        |
| 6+7     | 2.4GHz 802.11ax HE40 Full RU | 99.17         | -     | -        | 10Hz        |
| 6+7     | 2.4GHz 802.11ax HE40 242RU   | 99.28         | -     | -        | 10Hz        |

## MIMO <Ant. 6+7>







<Sample 2>

| Antenna | Band                        | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|-----------------------------|---------------|-------|----------|-------------|
| 6+7     | 2.4GHz 802.11ax HE20 106 RU | 100.00        | -     | -        | 10Hz        |

MIMO <Ant. 6+7>

