


**UNII 2C - Straddle Channel**
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                  | Note                                                                                                                                                                                                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE20 Full<br/>CH 144<br/>5720MHz</b> |                                                                                                                                                                                                                                                                                                                                                | 11440                | 45.52               | -28.48           | 74                          | 52.22                   | 38.98                         | 15.1                   | 60.78                      | -                    | -                       | P                     | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12511                | 48.25               | -25.75           | 74                          | 55.63                   | 38.71                         | 15.59                  | 61.68                      | -                    | -                       | P                     | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12511                | 39.46               | -14.54           | 54                          | 46.84                   | 38.71                         | 15.59                  | 61.68                      | -                    | -                       | A                     | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14491                | 48.29               | -25.71           | 74                          | 54.78                   | 40.51                         | 16.48                  | 63.48                      | -                    | -                       | P                     | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14491                | 39.5                | -14.5            | 54                          | 45.99                   | 40.51                         | 16.48                  | 63.48                      | -                    | -                       | A                     | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17160                | 45.84               | -22.36           | 68.2                        | 48.12                   | 37.9                          | 18.23                  | 58.41                      | -                    | -                       | P                     | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 18000                | 52.22               | -21.78           | 74                          | 47.35                   | 43.1                          | 18.94                  | 57.17                      | -                    | -                       | P                     | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 18000                | 43.43               | -10.57           | 54                          | 38.56                   | 43.1                          | 18.94                  | 57.17                      | -                    | -                       | A                     | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 11440                | 45.29               | -28.71           | 74                          | 51.99                   | 38.98                         | 15.1                   | 60.78                      | -                    | -                       | P                     | V             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12522                | 47.6                | -26.4            | 74                          | 54.96                   | 38.72                         | 15.6                   | 61.68                      | -                    | -                       | P                     | V             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12522                | 38.81               | -15.19           | 54                          | 46.17                   | 38.72                         | 15.6                   | 61.68                      | -                    | -                       | A                     | V             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14480                | 47.73               | -26.27           | 74                          | 54.21                   | 40.52                         | 16.47                  | 63.47                      | -                    | -                       | P                     | V             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14480                | 38.94               | -15.06           | 54                          | 45.42                   | 40.52                         | 16.47                  | 63.47                      | -                    | -                       | A                     | V             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17160                | 45.87               | -22.33           | 68.2                        | 48.15                   | 37.9                          | 18.23                  | 58.41                      | -                    | -                       | P                     | V             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 18000                | 52.49               | -21.51           | 74                          | 47.62                   | 43.1                          | 18.94                  | 57.17                      | -                    | -                       | P                     | V             |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 18000                | 43.7                | -10.3            | 54                          | 38.83                   | 43.1                          | 18.94                  | 57.17                      | -                    | -                       | A                     | 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.<br>4. The emission level close to 18GHz is checked that the average emission level is noise floor only. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |


**UNII 2C - Straddle Channel**
**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                  | Note                                                                                                                                                                                                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11ax<br/>HE40 Full<br/>CH 142<br/>5710MHz</b> |                                                                                                                                                                                                                                                                                                                                                | 11420                | 47.38               | -26.62           | 74                          | 54.05                     | 39.04                         | 15.09                  | 60.8                       | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12500                | 47.45               | -26.55           | 74                          | 54.84                     | 38.7                          | 15.59                  | 61.68                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12500                | 38.66               | -15.34           | 54                          | 46.05                     | 38.7                          | 15.59                  | 61.68                      | -                    | -                       | A                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14480                | 49.1                | -24.9            | 74                          | 55.58                     | 40.52                         | 16.47                  | 63.47                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14480                | 40.31               | -13.69           | 54                          | 46.79                     | 40.52                         | 16.47                  | 63.47                      | -                    | -                       | A                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17130                | 46.35               | -21.85           | 68.2                        | 48.7                      | 37.9                          | 18.21                  | 58.46                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 18000                | 52.29               | -21.71           | 74                          | 47.42                     | 43.1                          | 18.94                  | 57.17                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 18000                | 43.5                | -10.5            | 54                          | 38.63                     | 43.1                          | 18.94                  | 57.17                      | -                    | -                       | A                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 11420                | 45.51               | -28.49           | 74                          | 52.18                     | 39.04                         | 15.09                  | 60.8                       | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12621                | 47.64               | -26.36           | 74                          | 54.83                     | 38.84                         | 15.64                  | 61.67                      | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12621                | 38.85               | -15.15           | 54                          | 46.04                     | 38.84                         | 15.64                  | 61.67                      | -                    | -                       | A                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14480                | 48.52               | -25.48           | 74                          | 55                        | 40.52                         | 16.47                  | 63.47                      | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14480                | 39.73               | -14.27           | 54                          | 46.21                     | 40.52                         | 16.47                  | 63.47                      | -                    | -                       | A                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17130                | 45.63               | -22.57           | 68.2                        | 47.98                     | 37.9                          | 18.21                  | 58.46                      | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 18000                | 51.89               | -22.11           | 74                          | 47.02                     | 43.1                          | 18.94                  | 57.17                      | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 18000                | 43.1                | -10.9            | 54                          | 38.23                     | 43.1                          | 18.94                  | 57.17                      | -                    | -                       | A                       | 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.<br>4. The emission level close to 18GHz is checked that the average emission level is noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |


**UNII 2C Straddle Channel**
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                  | Note                                                                                                                                                                                                                                                                                                                                           | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11ax<br/>HE80 Full<br/>CH 138<br/>5690MHz</b> |                                                                                                                                                                                                                                                                                                                                                | 11380                | 46.12               | -27.88           | 74                          | 52.81                     | 39.06                         | 15.07                  | 60.82                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 11785                | 48.14               | -25.86           | 74                          | 55.54                     | 38.42                         | 15.27                  | 61.09                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 11785                | 39.35               | -14.65           | 54                          | 46.75                     | 38.42                         | 15.27                  | 61.09                      | -                    | -                       | A                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14491                | 47.86               | -26.14           | 74                          | 54.35                     | 40.51                         | 16.48                  | 63.48                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14491                | 39.07               | -14.93           | 54                          | 45.56                     | 40.51                         | 16.48                  | 63.48                      | -                    | -                       | A                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17070                | 46.45               | -21.75           | 68.2                        | 48.98                     | 37.87                         | 18.16                  | 58.56                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17978                | 52.94               | -21.06           | 74                          | 48.31                     | 42.9                          | 18.93                  | 57.2                       | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17978                | 44.15               | -9.85            | 54                          | 39.52                     | 42.9                          | 18.93                  | 57.2                       | -                    | -                       | A                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 11380                | 45.5                | -28.5            | 74                          | 52.19                     | 39.06                         | 15.07                  | 60.82                      | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12566                | 47.62               | -26.38           | 74                          | 54.91                     | 38.77                         | 15.62                  | 61.68                      | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 12566                | 38.83               | -15.17           | 54                          | 46.12                     | 38.77                         | 15.62                  | 61.68                      | -                    | -                       | A                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14480                | 48.23               | -25.77           | 74                          | 54.71                     | 40.52                         | 16.47                  | 63.47                      | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 14480                | 39.44               | -14.56           | 54                          | 45.92                     | 40.52                         | 16.47                  | 63.47                      | -                    | -                       | A                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17070                | 46.82               | -21.38           | 68.2                        | 49.35                     | 37.87                         | 18.16                  | 58.56                      | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17978                | 52.46               | -21.54           | 74                          | 47.83                     | 42.9                          | 18.93                  | 57.2                       | -                    | -                       | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                                                                | 17978                | 43.67               | -10.33           | 54                          | 39.04                     | 42.9                          | 18.93                  | 57.2                       | -                    | -                       | A                       | 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.<br>4. The emission level close to 18GHz is checked that the average emission level is noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |

### Emission above 18GHz

### WIFI 802.11a (SHF @ 3m)

[illegible]

### Emission below 1GHz

**WIFI 802.11a (LF @ 3m)**

| WIFI              | Note                                                                                                                                    | Frequency | Level      | Margin | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.              |                                                                                                                                         |           |            |        | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 5+4               |                                                                                                                                         | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11a<br><br>LF |                                                                                                                                         | 30.97     | 31.8       | -8.2   | 40         | 39.65  | 24.01    | 0.62   | 32.48  | -      | -       | P     | H     |
|                   |                                                                                                                                         | 58.13     | 32.85      | -7.15  | 40         | 52.57  | 11.82    | 1.01   | 32.55  | -      | -       | P     | H     |
|                   |                                                                                                                                         | 71.71     | 33.02      | -6.98  | 40         | 52.01  | 12.37    | 1.14   | 32.5   | -      | -       | P     | H     |
|                   |                                                                                                                                         | 95.96     | 26.73      | -16.77 | 43.5       | 42.59  | 15.31    | 1.29   | 32.46  | -      | -       | P     | H     |
|                   |                                                                                                                                         | 196.84    | 22.95      | -20.55 | 43.5       | 38.83  | 14.7     | 1.92   | 32.5   | -      | -       | P     | H     |
|                   |                                                                                                                                         | 746.83    | 32.6       | -13.4  | 46         | 33.38  | 27.83    | 3.68   | 32.29  | -      | -       | P     | H     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | H     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | H     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | H     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | H     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | H     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | H     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | H     |
|                   |                                                                                                                                         | 30.97     | 24.2       | -15.8  | 40         | 32.05  | 24.01    | 0.62   | 32.48  | -      | -       | P     | V     |
|                   |                                                                                                                                         | 57.16     | 19.56      | -20.44 | 40         | 39.18  | 11.95    | 0.99   | 32.56  | -      | -       | P     | V     |
|                   |                                                                                                                                         | 92.08     | 19.92      | -23.58 | 43.5       | 36.32  | 14.79    | 1.27   | 32.46  | -      | -       | P     | V     |
|                   |                                                                                                                                         | 195.87    | 20.9       | -22.6  | 43.5       | 36.78  | 14.71    | 1.91   | 32.5   | -      | -       | P     | V     |
|                   |                                                                                                                                         | 716.76    | 34.54      | -11.46 | 46         | 36.62  | 26.67    | 3.61   | 32.36  | -      | -       | P     | V     |
|                   |                                                                                                                                         | 885.54    | 33.56      | -12.44 | 46         | 32.41  | 28.72    | 4.07   | 31.64  | -      | -       | P     | V     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | V     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | V     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | V     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | V     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       | V     |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         | V     |       |
| Remark            | 1. No other spurious found.                                                                                                             |           |            |        |            |        |          |        |        |        |         |       |       |
|                   | 2. All results are PASS against limit line.                                                                                             |           |            |        |            |        |          |        |        |        |         |       |       |
|                   | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |           |            |        |            |        |          |        |        |        |         |       |       |
|                   |                                                                                                                                         |           |            |        |            |        |          |        |        |        |         |       |       |



**Note symbol**

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



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

| WIFI    | Note | Frequency | Level      | Margin | Limit      | Read     | Antenna  | Path   | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            |        | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 5+4     |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11a |      | 5021.32   | 47.57      | -26.43 | 74         | 41.75    | 32.91    | 9.86   | 36.95  | 100    | 71      | P       | H       |
| CH 36   |      | 5107.12   | 37.65      | -16.35 | 54         | 31.54    | 33.07    | 9.95   | 36.91  | 100    | 71      | A       | H       |
| 5180MHz |      |           |            |        |            |          |          |        |        |        |         |         |         |

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 @ 5021.32MHz:**

1. Level(dBμV/m)  
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
 = 32.91(dB/m) + 9.86(dB) + 41.75(dBμV) – 36.95 (dB)  
 = 47.57(dBμV/m)
2. Margin (dB)  
 = Level(dBμV/m) – Limit Line(dBμV/m)  
 = 47.57(dBμV/m) – 74(dBμV/m)  
 = -26.43(dB)

**For Average Limit @ 5107.12MHz:**

1. Level(dBμV/m)  
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
 = 33.07(dB/m) + 9.95(dB) + 31.54(dBμV) – 36.91 (dB)  
 = 37.65 (dBμV/m)
2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)  
 = 37.65(dBμV/m) – 54(dBμV/m)  
 = -16.35(dB)

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



## Appendix E. Cabinet Radiated Spurious Emission Plots

|                        |                         |                            |             |
|------------------------|-------------------------|----------------------------|-------------|
| <b>Test Engineer :</b> | Leo Li and Bigshow Wang | <b>Temperature :</b>       | 22.1~23.1°C |
|                        |                         | <b>Relative Humidity :</b> | 55~60%      |

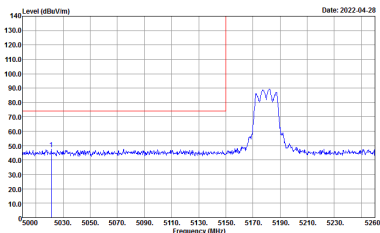
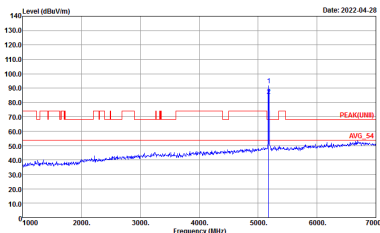
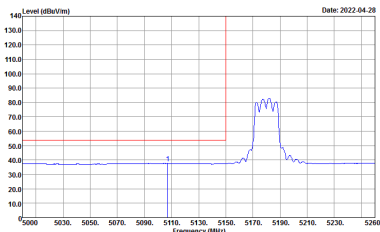
### Note symbol

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

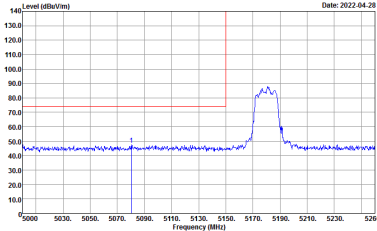
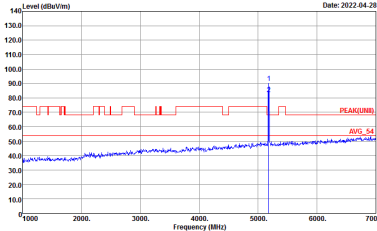
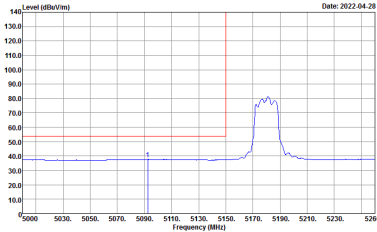




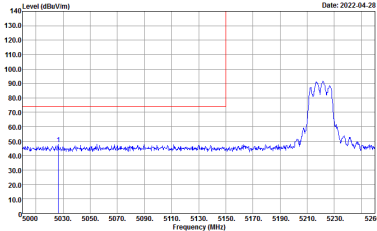
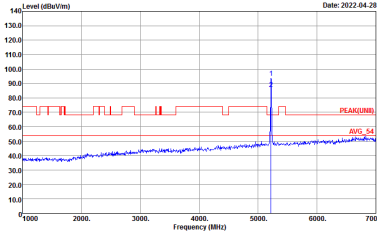
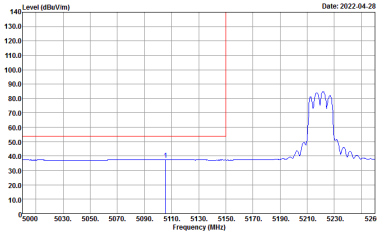
UNII 1 - 5150~5250MHz  
WIFI 802.11a (Band Edge @ 3m)

| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                     |                                                                                                                                                                                                                         |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH36 5180MHz                                                                                                                                                                                                   |                                                                                                                                                                                                                         |
| 5+4  | Horizontal                                                                                                                                                                                                             | Fundamental                                                                                                                                                                                                             |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                              |

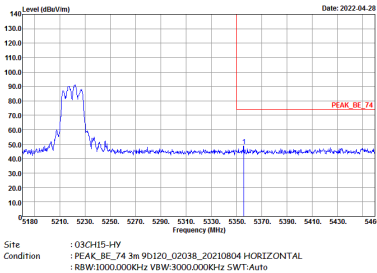
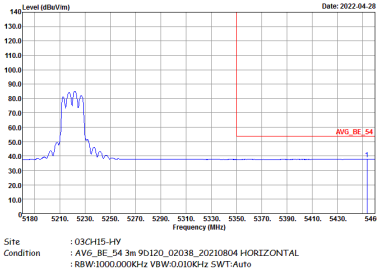


| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                                 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH36 5180MHz                                                                                                                                                                                                           |                                                                                                                                                                                                                                 |
| 5+4  | Vertical                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                     |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                      |



| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                               |                                                                                                                                                                                                                                   |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH44 5220MHz - L                                                                                                                                                                                                         |                                                                                                                                                                                                                                   |
| 5+4  | Horizontal                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                       |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                        |

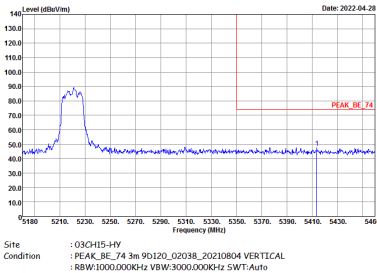
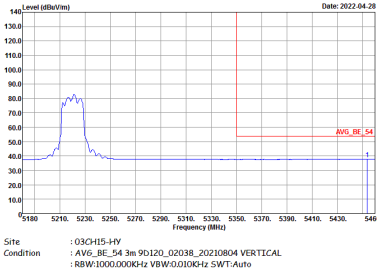


| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                  |             |
|------|-------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH44 5220MHz - R                                                            |             |
| 5+4  | Horizontal                                                                          | Fundamental |
| Peak |    | Left blank  |
| Avg. |  | Left blank  |

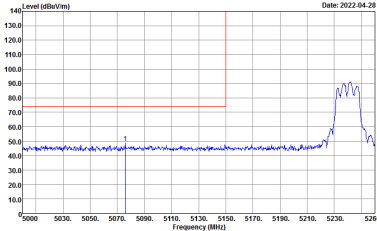
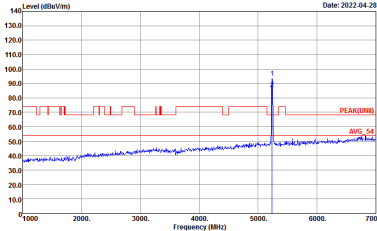
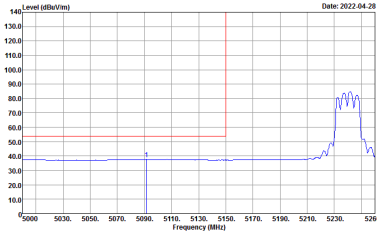


| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                                                                            |                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH44 5220MHz - L                                                                                                                      |                                                                                                                                               |
| 5+4  | Vertical                                                                                                                                      | Fundamental                                                                                                                                   |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>     | Left blank                                                                                                                                    |

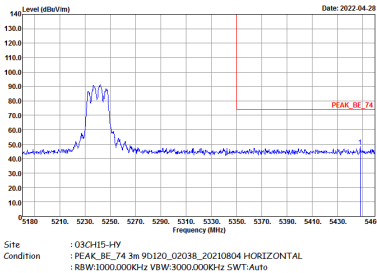
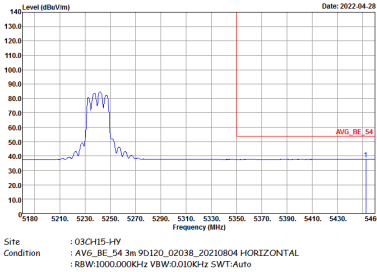


| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                  |             |
|------|-------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH44 5220MHz - R                                                            |             |
| 5+4  | Vertical                                                                            | Fundamental |
| Peak |    | Left blank  |
| Avg. |  | Left blank  |



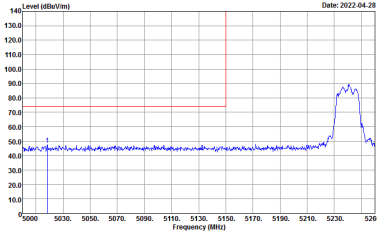
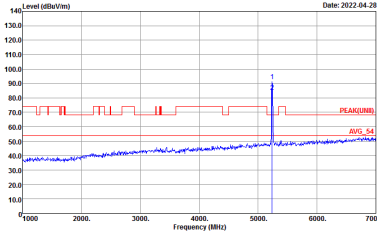
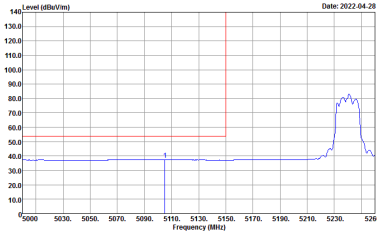
| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                               |                                                                                                                                                                                                                                   |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH48 5240MHz - L                                                                                                                                                                                                         |                                                                                                                                                                                                                                   |
| 5+4  | Horizontal                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                       |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                        |



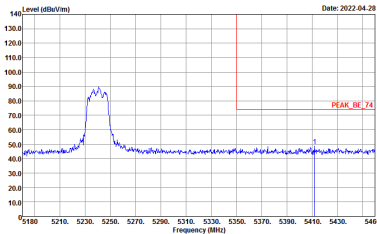
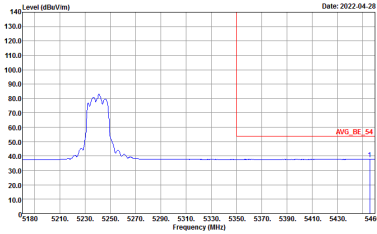
| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                  |             |
|------|-------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH48 5240MHz - R                                                            |             |
| 5+4  | Horizontal                                                                          | Fundamental |
| Peak |    | Left blank  |
| Avg. |  | Left blank  |





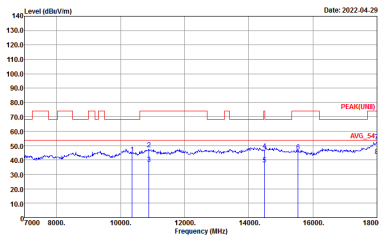
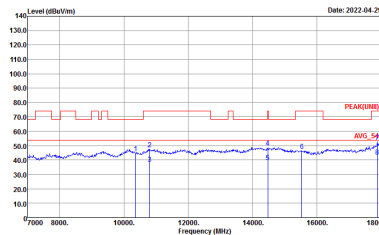
| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                             |                                                                                                                                                                                                                                 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH48 5240MHz - L                                                                                                                                                                                                       |                                                                                                                                                                                                                                 |
| 5+4  | Vertical                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                     |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                      |



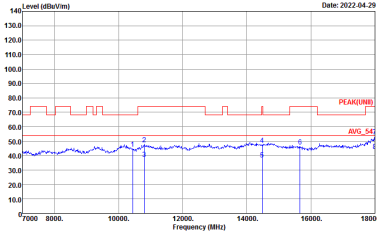
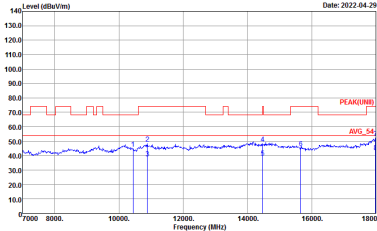
| WIFI | UNII 1 5150~5250MHz Band Edge @ 3m                                                                                                                                                                                   |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH48 5240MHz - R                                                                                                                                                                                             |             |
| 5+4  | Vertical                                                                                                                                                                                                             | Fundamental |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank  |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank  |



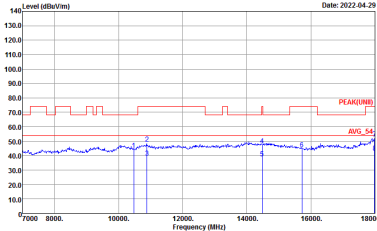
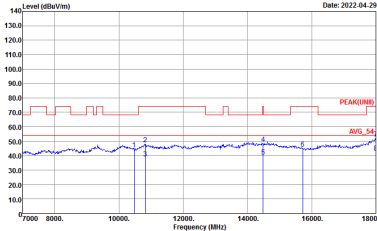
UNII 1 - 5150~5250MHz  
WIFI 802.11a (Harmonic @ 3m)

| WIFI         | UNII 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                           |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH36 5180MHz                                                                                                                                                                        |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |

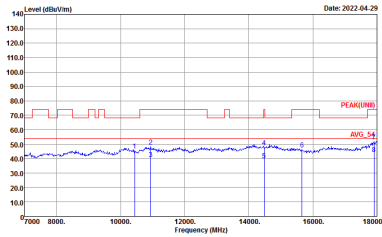
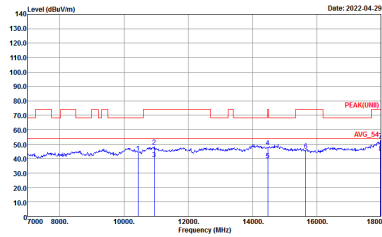


| WIFI         | UNII 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                           |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH44 5220MHz                                                                                                                                                                        |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |



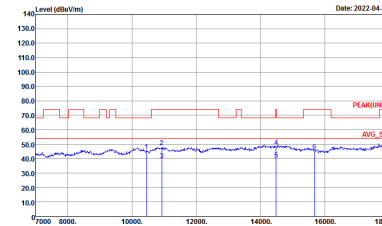
| WIFI         | UNII 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                           |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH48 5240MHz                                                                                                                                                                        |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

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

| WIFI                           | UNII 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                             |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE20 Full CH44 5220MHz                                                                                                                                                               |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |

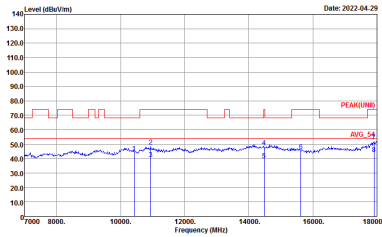
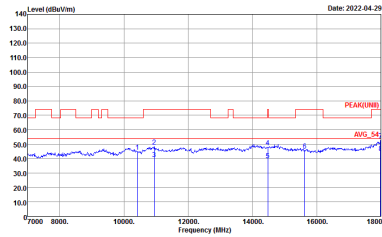


UNII 1 5150~5250MHz  
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

| WIFI         | UNII 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                  |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH46 5230MHz                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                  |
| 5+4          | Horizontal                                                                                                                                                                                                                                        | Vertical                                                                                                                                                                                                                                         |
| Peak<br>Avg. | <div><p>Level (dBu/Vm)</p><p>Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Level (dBu/Vm)</p><p>Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |

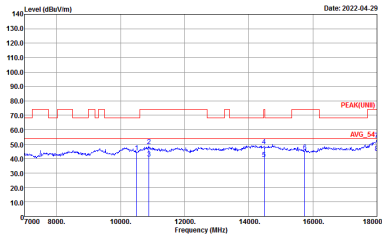
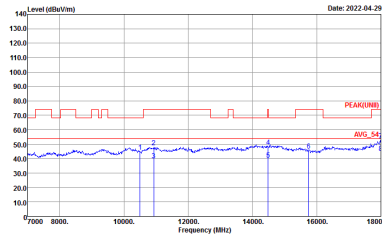


UNII 1 5150~5250MHz  
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

| WIFI         | UNII 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                           |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH42 5210MHz                                                                                                                                                             |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

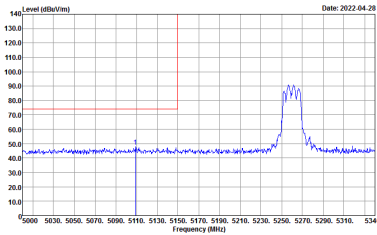
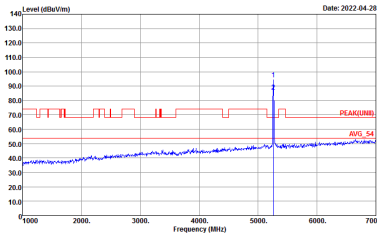
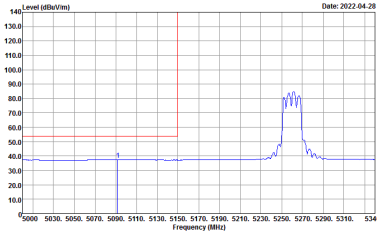


**UNII 1 5150~5250MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

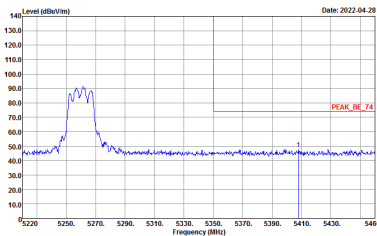
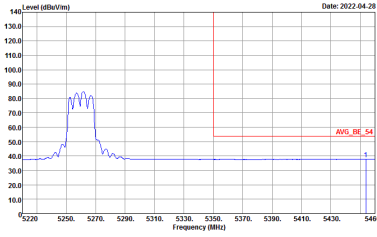
| WIFI                           | UNII 1 5150~5250MHz Harmonic @ 3m                                                                                                                                                             |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE160 Full CH50 5250MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



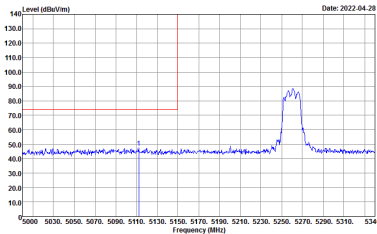
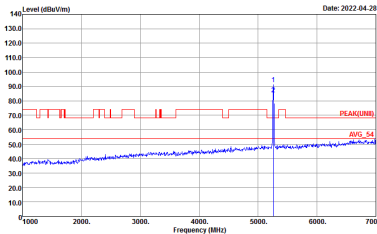
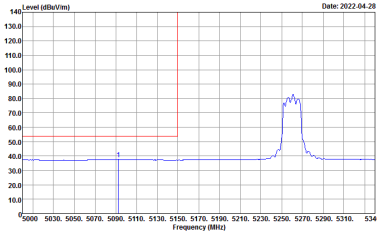
UNII 2A - 5250~5350MHz  
WIFI 802.11a (Band Edge @ 3m)

| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                    |                                                                                                                                                                                                                         |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH52 5260MHz - L                                                                                                                                                                                               |                                                                                                                                                                                                                         |
| 5+4  | Horizontal                                                                                                                                                                                                             | Fundamental                                                                                                                                                                                                             |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                              |

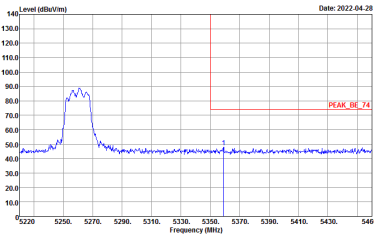
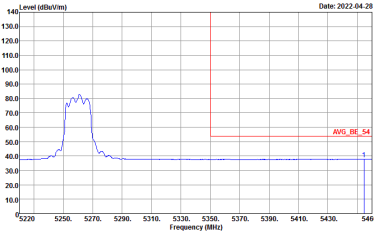


| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                              |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH52 5260MHz - R                                                                                                                                                                                                         |             |
| 5+4  | Horizontal                                                                                                                                                                                                                       | Fundamental |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank  |

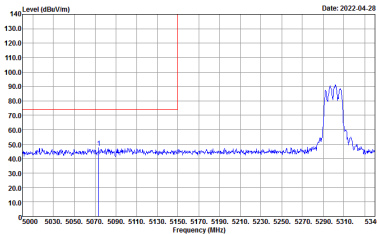
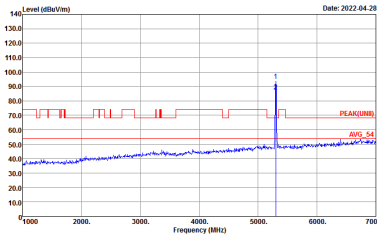
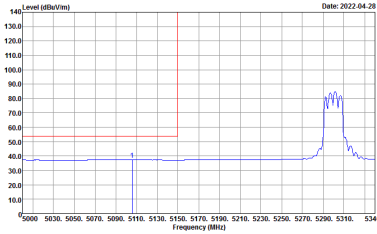


| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                            |                                                                                               |
|------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH52 5260MHz - L                                                                       |                                                                                               |
| 5+4  | Vertical                                                                                       | Fundamental                                                                                   |
| Peak | <div></div>   | <div></div> |
| Avg. | <div></div> | Left blank                                                                                    |

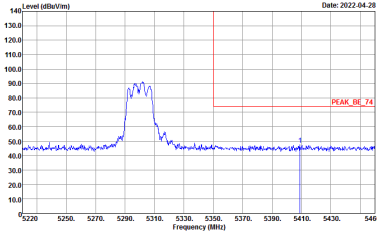
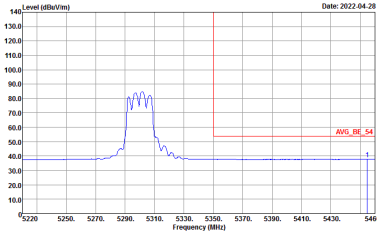


| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                            |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH52 5260MHz - R                                                                                                                                                                                                       |             |
| 5+4  | Vertical                                                                                                                                                                                                                       | Fundamental |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank  |

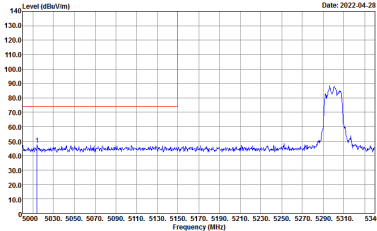
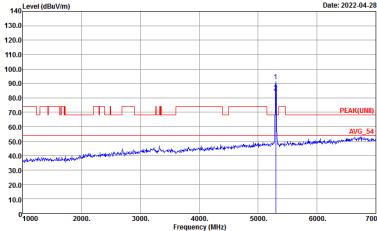
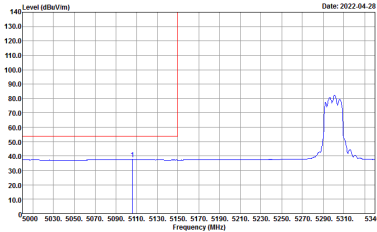


| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                              |                                                                                                                                                                                                                                   |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH60 5300MHz - L                                                                                                                                                                                                         |                                                                                                                                                                                                                                   |
| 5+4  | Horizontal                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                       |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                        |



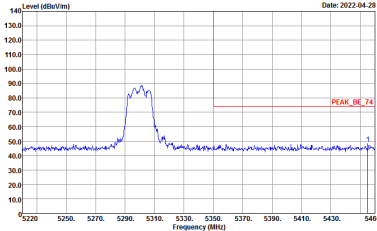
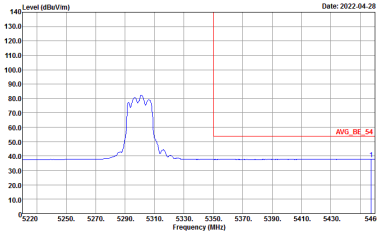
| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                              |             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH60 5300MHz - R                                                                                                                                                                                                         |             |
| 5+4  | Horizontal                                                                                                                                                                                                                       | Fundamental |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank  |



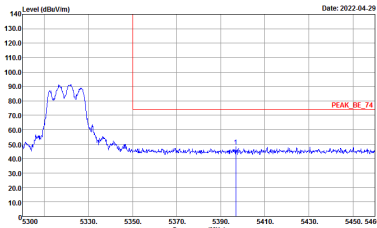
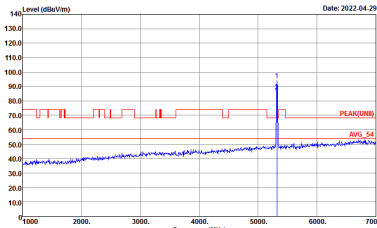
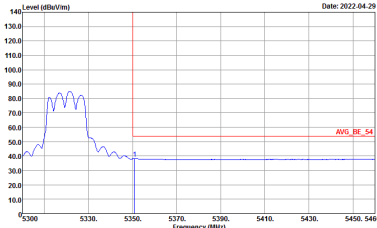
| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                            |                                                                                                                                                                                                                                 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH60 5300MHz - L                                                                                                                                                                                                       |                                                                                                                                                                                                                                 |
| 5+4  | Vertical                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                     |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                      |



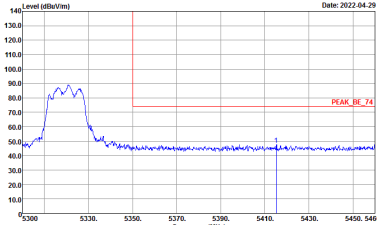
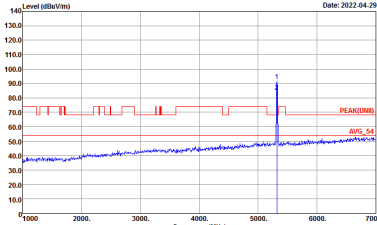
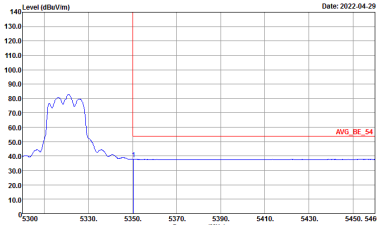


| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                            |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH60 5300MHz - R                                                                                                                                                                                                       |             |
| 5+4  | Vertical                                                                                                                                                                                                                       | Fundamental |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank  |



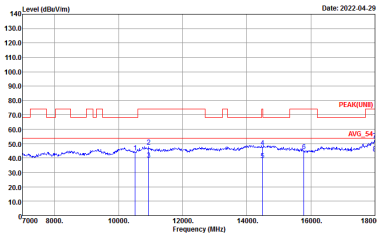
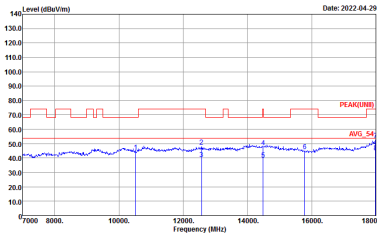
| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                              |                                                                                                                                                                                                                                   |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH64 5320MHz                                                                                                                                                                                                             |                                                                                                                                                                                                                                   |
| 5+4  | Horizontal                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                       |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                        |



| WIFI | UNII 2A 5250~5350MHz Band Edge @ 3m                                                                                                                                                                                            |                                                                                                                                                                                                                                 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH64 5320MHz                                                                                                                                                                                                           |                                                                                                                                                                                                                                 |
| 5+4  | Vertical                                                                                                                                                                                                                       | Fundamental                                                                                                                                                                                                                     |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                      |



UNII 2A - 5250~5350MHz  
WIFI 802.11a (Harmonic @ 3m)

| WIFI         | UNII 2A 5250~5350MHz Harmonic @ 3m                                                                                                                                                                    |                                                                                                                                                                                                      |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH52 5260MHz                                                                                                                                                                                  |                                                                                                                                                                                                      |
| 5+4          | Horizontal                                                                                                                                                                                            | Vertical                                                                                                                                                                                             |
| Peak<br>Avg. | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |



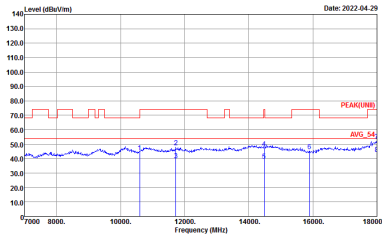
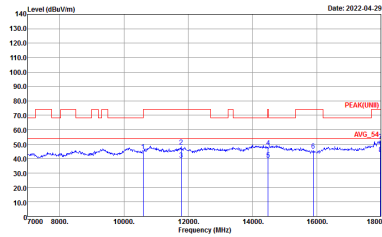
| WIFI         | UNII 2A 5250~5350MHz Harmonic @ 3m                                                                                                                                   |                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH60 5300MHz                                                                                                                                                 |                                                                                                                                                                    |
| 5+4          | Horizontal                                                                                                                                                           | Vertical                                                                                                                                                           |
| Peak<br>Avg. | <div><p>140 Level (dBu/1m)</p><p>Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/1m)</p><p>Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |
|              |                                                                                                                                                                      |                                                                                                                                                                    |



| WIFI         | UNII 2A 5250~5350MHz Harmonic @ 3m                                                                                                                            |                                                                                                                                                             |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH64 5320MHz                                                                                                                                          |                                                                                                                                                             |
| 5+4          | Horizontal                                                                                                                                                    | Vertical                                                                                                                                                    |
| Peak<br>Avg. | <div><p>140 Level (dBu/m) Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/m) Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |

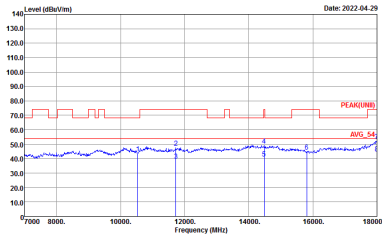
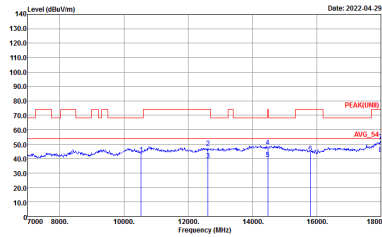


UNII 2A 5250~5350MHz  
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

| WIFI         | UNII 2A 5250~5350MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH60 5300MHz                                                                                                                                                             |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

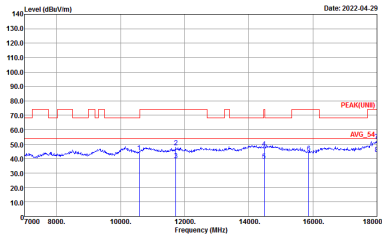
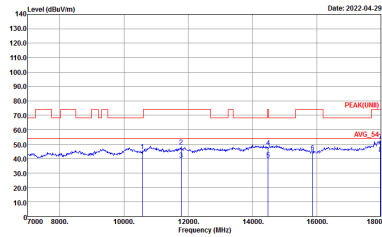


UNII 2A - 5250~5350MHz  
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

| WIFI         | UNII 2A 5250~5350MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH54 5270                                                                                                                                                                |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

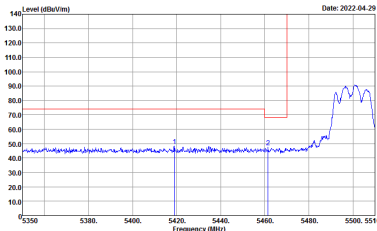
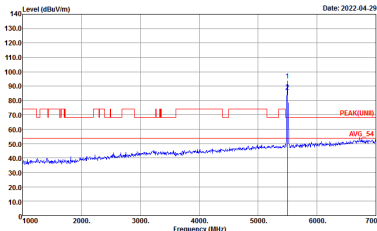
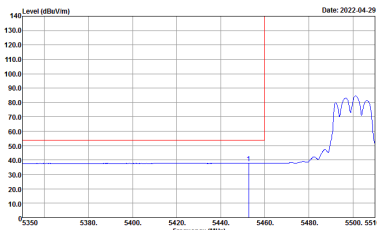


**UNII 2A 5250~5350MHz**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

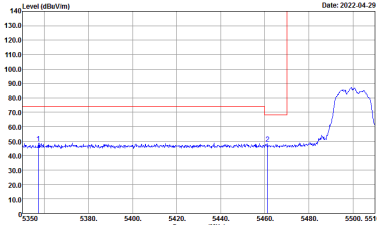
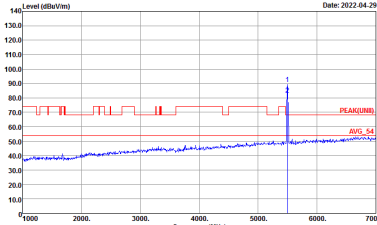
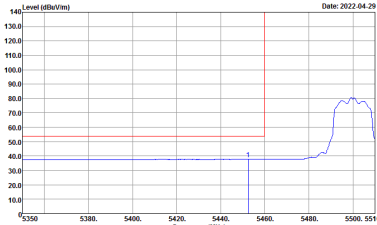
| WIFI                           | UNII 2A 5250~5350MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE80 Full CH58 5290MHz                                                                                                                                                               |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



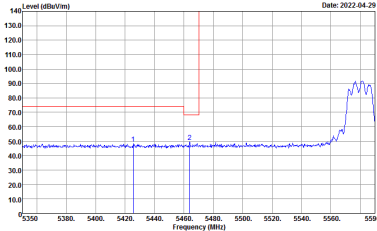
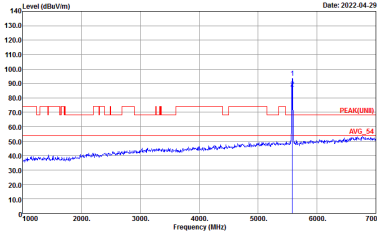
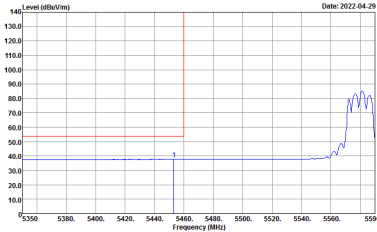
UNII 2C - 5470~5725MHz  
WIFI 802.11a (Band Edge @ 3m)

| WIFI | UNII 2C 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                          |                                                                                                                                                                                                                         |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH100 5500MHz                                                                                                                                                                                                        |                                                                                                                                                                                                                         |
| 5+4  | Horizontal                                                                                                                                                                                                                   | Fundamental                                                                                                                                                                                                             |
| Peak |  <p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNII)_B3 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNII)_B3 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>   | Left blank                                                                                                                                                                                                              |

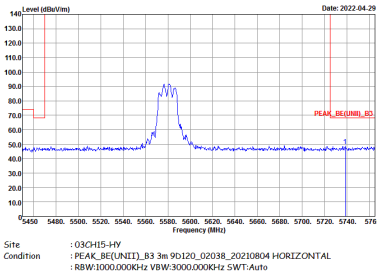


| WIFI | UNII 2C 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                  |                                                                                                                                                                                                                                 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH100 5500MHz                                                                                                                                                                                                                |                                                                                                                                                                                                                                 |
| 5+4  | Vertical                                                                                                                                                                                                                             | Fundamental                                                                                                                                                                                                                     |
| Peak | <div><p>Site Condition : 03CH15-HY<br/>: PEAK_BE(UNII)_B3 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site Condition : 03CH15-HY<br/>: PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site Condition : 03CH15-HY<br/>: AVG_BE(UNII)_B3 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                      |

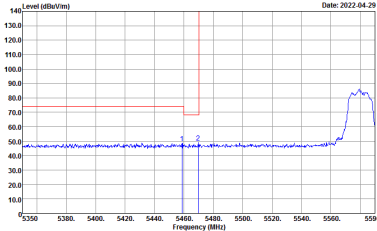
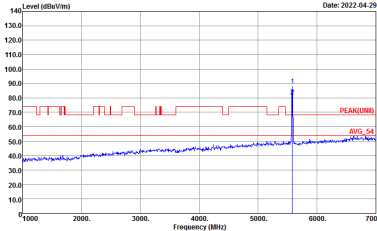
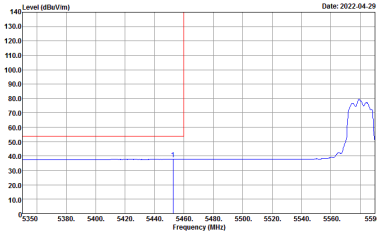


| WIFI | UNII 2C 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                    |                                                                                                                                                                                                                                   |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH116 5580MHz - L                                                                                                                                                                                                              |                                                                                                                                                                                                                                   |
| 5+4  | Horizontal                                                                                                                                                                                                                             | Fundamental                                                                                                                                                                                                                       |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNII)_B3 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNII)_B3 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                        |

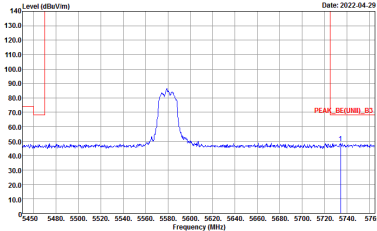


|      |                                                                                              |             |
|------|----------------------------------------------------------------------------------------------|-------------|
| WIFI | UNII 2C 5470~5725MHz Band Edge @ 3m                                                          |             |
| ANT  | 802.11a CH116 5580MHz - R                                                                    |             |
| 5+4  | Horizontal                                                                                   | Fundamental |
| Peak | <div></div> | Left blank  |



| WIFI | UNII 2C 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                  |                                                                                                                                                                                                                                 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH116 5580MHz - L                                                                                                                                                                                                            |                                                                                                                                                                                                                                 |
| 5+4  | Vertical                                                                                                                                                                                                                             | Fundamental                                                                                                                                                                                                                     |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNII)_B3 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : AVG_BE(UNII)_B3 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>   | Left blank                                                                                                                                                                                                                      |



|      |                                                                                                                                                                                                                                     |             |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| WIFI | UNII 2C 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                                 |             |
| ANT  | 802.11a CH116 5580MHz - R                                                                                                                                                                                                           |             |
| 5+4  | Vertical                                                                                                                                                                                                                            | Fundamental |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNIT1)_B3 3m 90120_02038_20210804 VERTICAL<br/>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |



| WIFI | UNII 2C 5470~5725MHz Band Edge @ 3m                                                                                                                                                                                     |                                                                                                                                                                                                                          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH140 5700MHz                                                                                                                                                                                                   |                                                                                                                                                                                                                          |
| 5+4  | Horizontal                                                                                                                                                                                                              | Fundamental                                                                                                                                                                                                              |
| Peak | <div><p>Level (dBu/m)</p><p>Date: 2022-04-29</p><p>PEAK_BE(UNII)_B3</p><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNII)_B3 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Level (dBu/m)</p><p>Date: 2022-04-29</p><p>PEAK(UNII)</p><p>AVG_54</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |

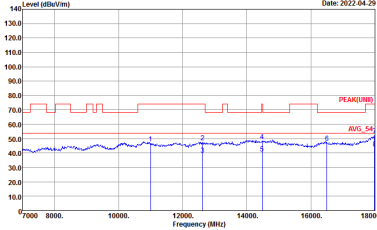
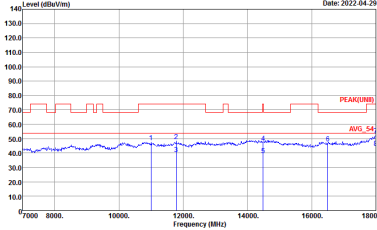




| WIFI | UNII 2C 5470~5725MHz Band Edge @ 3m                                                                                                                                                         |                                                                                                                                                                                          |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH140 5700MHz                                                                                                                                                                       |                                                                                                                                                                                          |
| 5+4  | Vertical                                                                                                                                                                                    | Fundamental                                                                                                                                                                              |
| Peak | <div><p>140 Level (dBu/m) Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK_BE(UNI)_B3 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>140 Level (dBu/m) Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNI)_B3 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |



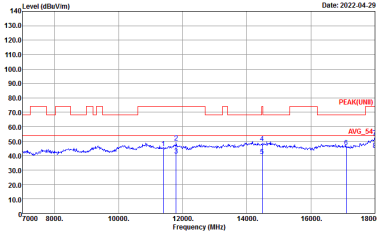
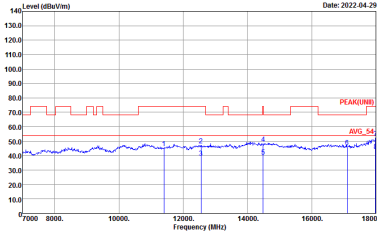
UNII 2C - 5470~5725MHz  
WIFI 802.11a (Harmonic @ 3m)

| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                                    |                                                                                                                                                                                                      |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH100 5500MHz                                                                                                                                                                                 |                                                                                                                                                                                                      |
| 5+4          | Horizontal                                                                                                                                                                                            | Vertical                                                                                                                                                                                             |
| Peak<br>Avg. | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |



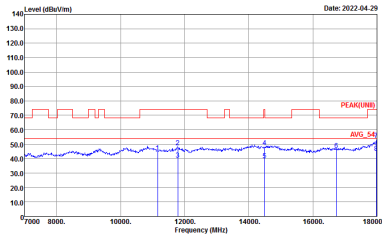
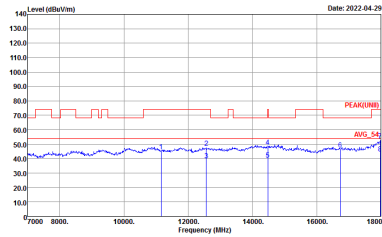
|              |                                                                                                                                                                      |                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                   |                                                                                                                                                                    |
| ANT          | 802.11a CH116 5580MHz                                                                                                                                                |                                                                                                                                                                    |
| 5+4          | Horizontal                                                                                                                                                           | Vertical                                                                                                                                                           |
| Peak<br>Avg. | <div><p>140 Level (dBu/1m)</p><p>Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/1m)</p><p>Date: 2022-04-29</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |



| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH140 5700MHz                                                                                                                                                                       |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

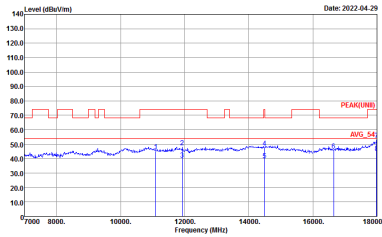
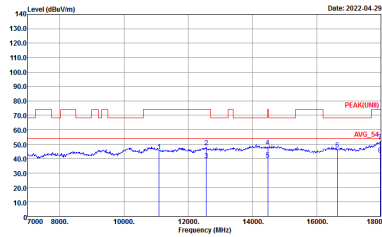


UNII 2C 5470~5725MHz  
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH116 5580MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

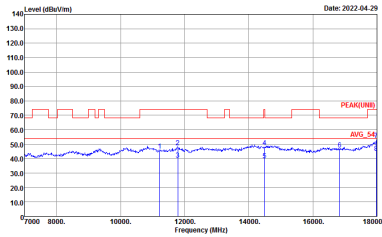
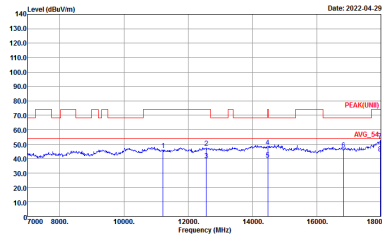


UNII 2C - 5470~5725MHz  
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

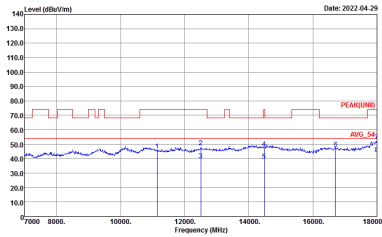
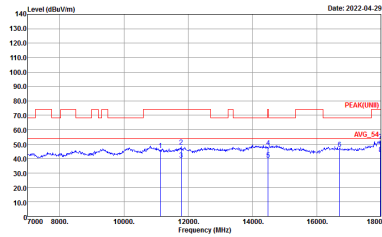
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                                    |                                                                                                                                                                                                      |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH110 5550MHz                                                                                                                                                                      |                                                                                                                                                                                                      |
| 5+4          | Horizontal                                                                                                                                                                                            | Vertical                                                                                                                                                                                             |
| Peak<br>Avg. | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |



UNII 2C 5470~5725MHz  
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

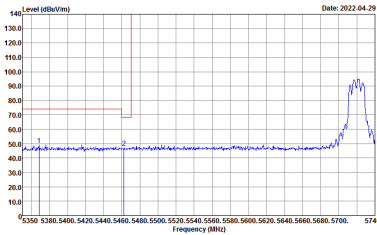
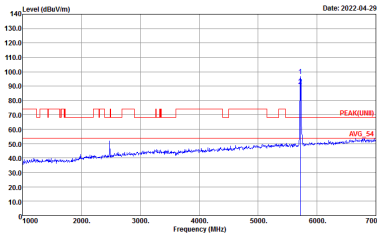
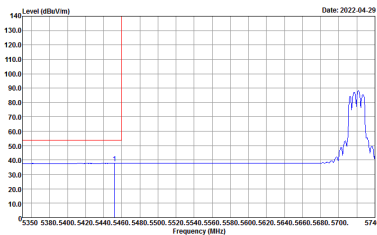
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH122 5610MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

**UNII 2C 5470~5725MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

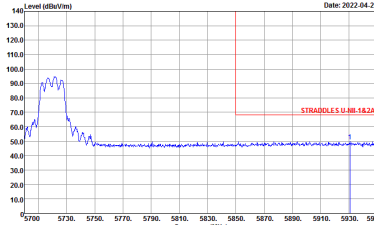
| WIFI                       | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                        | 802.11ax HE160 Full CH114 5570MHz                                                                                                                                                             |                                                                                                                                                                                              |
| 5+4                        | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |
|                            |                                                                                                                                                                                               |                                                                                                                                                                                              |



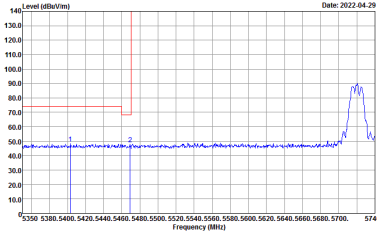
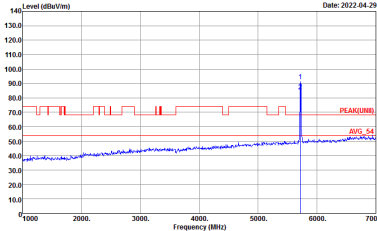
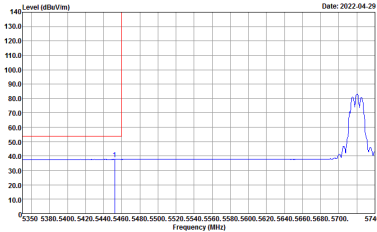
**UNII 2C - Straddle Channel**  
**WIFI 802.11a (Band Edge @ 3m)**

| WIFI | UNII 2C Straddle Channel Band Edge @ 3m                                                                                                                                                                                            |                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH144 5720MHz - L                                                                                                                                                                                                          |                                                                                                                                                                                                                            |
| 5+4  | Horizontal                                                                                                                                                                                                                         | Fundamental                                                                                                                                                                                                                |
| Peak |  <p>Site : 03CH15-HY<br/> Condition : STRADDLES U-NII-1A2A 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(U-NII) 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH15-HY<br/> Condition : U-NII-1A2A AVERAGE 3m 90120_02038_20210804 HORIZONTAL<br/> : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>    | Left blank                                                                                                                                                                                                                 |

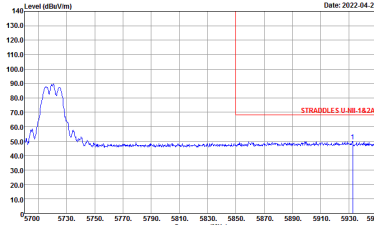


| WIFI | UNII 2C Straddle Channel Band Edge @ 3m                                                                                                                                                                                                    |             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH144 5720MHz – R                                                                                                                                                                                                                  |             |
| 5+4  | Horizontal                                                                                                                                                                                                                                 | Fundamental |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : STRADDLES U-NII-142A 3m 9D120_02038_20210804 HORIZONTAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT-Auto</p></div> | Left blank  |



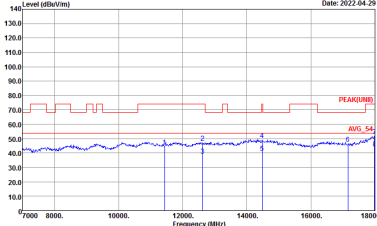
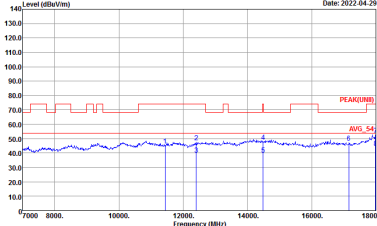
| WIFI | UNII 2C Straddle Channel Band Edge @ 3m                                                                                                                                                                                                  |                                                                                                                                                                                                                                 |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT  | 802.11a CH144 5720MHz - L                                                                                                                                                                                                                |                                                                                                                                                                                                                                 |
| 5+4  | Vertical                                                                                                                                                                                                                                 | Fundamental                                                                                                                                                                                                                     |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : STRADDLES U-NII-142A 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK[UNII] 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> |
| Avg. | <div><p>Site : 03CH15-HY<br/>Condition : U-NII-142A AVERAGE 3m 90120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p></div>    | Left blank                                                                                                                                                                                                                      |



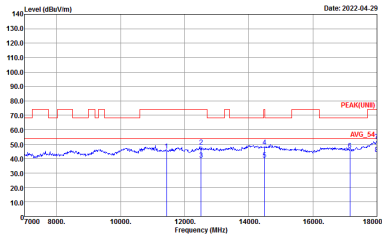
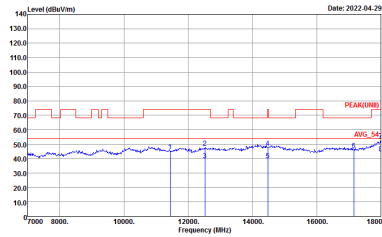
| WIFI | UNII 2C Straddle Channel Band Edge @ 3m                                                                                                                                                                                                  |             |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ANT  | 802.11a CH144 5720MHz - R                                                                                                                                                                                                                |             |
| 5+4  | Vertical                                                                                                                                                                                                                                 | Fundamental |
| Peak | <div><p>Site : 03CH15-HY<br/>Condition : STRADDLES U-NII 142A 3m 9D120_02038_20210804 VERTICAL<br/>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p></div> | Left blank  |



UNII 2C - Straddle Channel  
WIFI 802.11a (Harmonic @ 3m)

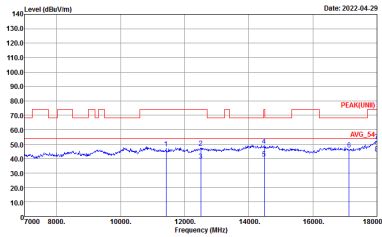
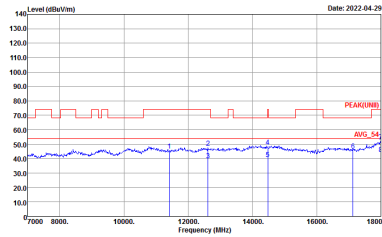
| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                                |                                                                                                                                                                                                      |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH144 5720MHz                                                                                                                                                                                 |                                                                                                                                                                                                      |
| 5+4          | Horizontal                                                                                                                                                                                            | Vertical                                                                                                                                                                                             |
| Peak<br>Avg. | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |

**UNII 2C – Straddle Channel**  
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

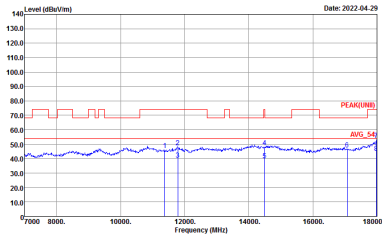
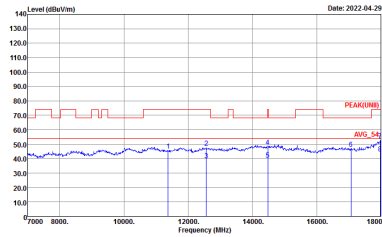
| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                        |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE20 Full CH144 5720MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



UNII 2C - Straddle Channel  
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

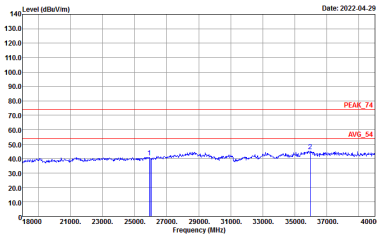
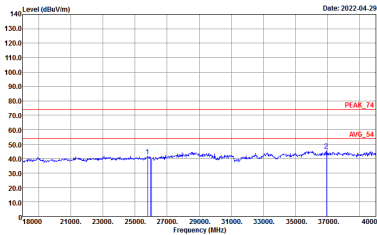
| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                      |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH142 5710MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

**UNII 2C – Straddle Channel**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

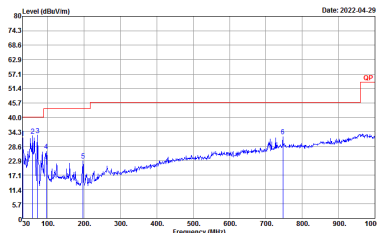
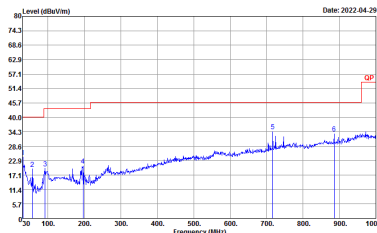
| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                        |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE80 Full CH138 5690MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



**Emission above 18GHz**  
**5GHz WIFI 802.11a (SHF)**

| WIFI                 | 5GHz WIFI                                                                                                                                                                                |                                                                                                                                                                                         |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                  | 802.11a SHF                                                                                                                                                                              |                                                                                                                                                                                         |
| 5+4                  | Horizontal                                                                                                                                                                               | Vertical                                                                                                                                                                                |
| <b>QP /<br/>Peak</b> |  <p>Site : 03CH15-HV<br/> Condition : PEAK_74 1m SHF ANT_9170_00993 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HV<br/> Condition : PEAK_74 1m SHF ANT_9170_00993 VERTICAL<br/> Detector : Peak</p> |
|                      |                                                                                                                                                                                          |                                                                                                                                                                                         |

**Emission below 1GHz**  
**5GHz WIFI 802.11a (LF)**

| WIFI                 | 5GHz WIFI                                                                                                                                                                                                                     |                                                                                                                                                                                                                              |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                  | 802.11a LF                                                                                                                                                                                                                    |                                                                                                                                                                                                                              |
| 5+4                  | Horizontal                                                                                                                                                                                                                    | Vertical                                                                                                                                                                                                                     |
| <b>QP /<br/>Peak</b> |  <p>           Site : 03CH15-HV<br/>           Condition : QP 3m B1LO6_41912_20220206 HORIZONTAL<br/>           Detector : Peak         </p> |  <p>           Site : 03CH15-HV<br/>           Condition : QP 3m B1LO6_41912_20220206 VERTICAL<br/>           Detector : Peak         </p> |
|                      |                                                                                                                                                                                                                               |                                                                                                                                                                                                                              |



## Appendix F. Radiated Spurious Emission

|                 |                         |                     |             |
|-----------------|-------------------------|---------------------|-------------|
| Test Engineer : | Leo Li and Bigshow Wang | Temperature :       | 22.1~23.1°C |
|                 |                         | Relative Humidity : | 55~60%      |

## &lt;Antenna A&gt;

UNII 2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

| WIFI<br>Ant.<br>5+4          | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br>CH 116<br>5580MHz |                                                                                             | 7440                 | 52.03               | -21.97           | 74                          | 62.6                    | 36.02                         | 11.4                   | 57.99                      | 300                  | 61                      | P                     | H             |
|                              |                                                                                             | 7440                 | 47.06               | -6.94            | 54                          | 57.63                   | 36.02                         | 11.4                   | 57.99                      | 300                  | 61                      | A                     | H             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             | 7440                 | 53.91               | -20.09           | 74                          | 64.48                   | 36.02                         | 11.4                   | 57.99                      | 154                  | 353                     | P                     | V             |
|                              |                                                                                             | 7440                 | 50.66               | -3.34            | 54                          | 61.23                   | 36.02                         | 11.4                   | 57.99                      | 154                  | 353                     | A                     | V             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| 802.11a<br>CH 140<br>5700MHz |                                                                                             | 7600                 | 50.46               | -23.54           | 74                          | 60.8                    | 36                            | 11.51                  | 57.85                      | 290                  | 163                     | P                     | H             |
|                              |                                                                                             | 7600                 | 45.58               | -8.42            | 54                          | 55.92                   | 36                            | 11.51                  | 57.85                      | 290                  | 163                     | A                     | H             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             | 7600                 | 53.58               | -20.42           | 74                          | 63.92                   | 36                            | 11.51                  | 57.85                      | 290                  | 163                     | P                     | V             |
|                              |                                                                                             | 7600                 | 50.21               | -3.79            | 54                          | 60.55                   | 36                            | 11.51                  | 57.85                      | 290                  | 163                     | A                     | V             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                       | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |



**UNII 2C - 5470~5725MHz**

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

| WIFI<br>Ant.<br>5+4                        | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE20 Full<br>CH 116<br>5580MHz |                                                                                                                                                                                                                                        | 7440                 | 53.01               | -20.99           | 74                          | 63.58                     | 36.02                         | 11.4                   | 57.99                      | 350                  | 117                     | P                       | H               |
|                                            |                                                                                                                                                                                                                                        | 7440                 | 49.37               | -4.63            | 54                          | 59.94                     | 36.02                         | 11.4                   | 57.99                      | 350                  | 117                     | A                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7440                 | 54.58               | -19.42           | 74                          | 65.15                     | 36.02                         | 11.4                   | 57.99                      | 383                  | 141                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7440                 | 51.85               | -2.15            | 54                          | 62.42                     | 36.02                         | 11.4                   | 57.99                      | 383                  | 141                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20 Full<br>CH 140<br>5700MHz |                                                                                                                                                                                                                                        | 7600                 | 46.57               | -27.43           | 74                          | 56.91                     | 36                            | 11.51                  | 57.85                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7600                 | 54.24               | -19.76           | 74                          | 64.58                     | 36                            | 11.51                  | 57.85                      | 400                  | 175                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7600                 | 51.23               | -2.77            | 54                          | 61.57                     | 36                            | 11.51                  | 57.85                      | 400                  | 175                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**UNII 2C 5470~5725MHz**

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

| WIFI<br>Ant.<br>5+4                                    | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE20<br>Partial 26/4<br>CH 116<br>5580MHz  |                                                                                                                                                                                                                                        | 7440                 | 46.75               | -27.25           | 74                          | 57.32                     | 36.02                         | 11.4                   | 57.99                      | -                    | -                       | P                       | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        | 7440                 | 54.56               | -19.44           | 74                          | 65.13                     | 36.02                         | 11.4                   | 57.99                      | 385                  | 141                     | P                       | V               |
|                                                        |                                                                                                                                                                                                                                        | 7440                 | 52.1                | -1.9             | 54                          | 62.67                     | 36.02                         | 11.4                   | 57.99                      | 385                  | 141                     | A                       | V               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| s802.11ax<br>HE20<br>Partial 26/8<br>CH 140<br>5700MHz |                                                                                                                                                                                                                                        | 7600                 | 47.99               | -26.01           | 74                          | 58.33                     | 36                            | 11.51                  | 57.85                      | -                    | -                       | P                       | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        | 7600                 | 54.52               | -19.48           | 74                          | 64.86                     | 36                            | 11.51                  | 57.85                      | 400                  | 175                     | P                       | V               |
|                                                        |                                                                                                                                                                                                                                        | 7600                 | 51.49               | -2.51            | 54                          | 61.83                     | 36                            | 11.51                  | 57.85                      | 400                  | 175                     | A                       | V               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                                 | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |


**UNII 2C 5470~5725MHz**
**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                        | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE40 Full<br>CH 102<br>5510MHz |                                                                                                                                                                                                                                        | 7352                 | 48.34               | -25.66           | 74                          | 58.63                     | 36.39                         | 11.37                  | 58.05                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7352                 | 54.95               | -19.05           | 74                          | 65.24                     | 36.39                         | 11.37                  | 58.05                      | 400                  | 158                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7352                 | 51.69               | -2.31            | 54                          | 61.98                     | 36.39                         | 11.37                  | 58.05                      | 400                  | 158                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE40 Full<br>CH 110<br>5550MHz |                                                                                                                                                                                                                                        | 7396                 | 47.03               | -26.97           | 74                          | 57.55                     | 36.12                         | 11.38                  | 58.02                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7400                 | 56.42               | -17.58           | 74                          | 66.97                     | 36.1                          | 11.37                  | 58.02                      | 290                  | 174                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7400                 | 53.98               | -0.02            | 54                          | 64.53                     | 36.1                          | 11.37                  | 58.02                      | 290                  | 174                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE40 Full<br>CH 134<br>5670MHz |                                                                                                                                                                                                                                        | 7561                 | 47.64               | -26.36           | 74                          | 58.21                     | 35.84                         | 11.48                  | 57.89                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7561                 | 54.73               | -19.27           | 74                          | 65.3                      | 35.84                         | 11.48                  | 57.89                      | 382                  | 142                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7561                 | 52.45               | -1.55            | 54                          | 63.02                     | 35.84                         | 11.48                  | 57.89                      | 382                  | 142                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |

**UNII 2C 5470~5725MHz****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                  | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11ax<br/>HE80 Full<br/>CH 122<br/>5610MHz</b> |                                                                                                                                                                                                                                        | 7484                 | 46.69               | -27.31           | 74                          | 57.29                     | 35.93                         | 11.43                  | 57.96                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                        | 7484                 | 54.86               | -19.14           | 74                          | 65.46                     | 35.93                         | 11.43                  | 57.96                      | 393                  | 142                     | P                       | V               |
|                                                      |                                                                                                                                                                                                                                        | 7484                 | 52.23               | -1.77            | 54                          | 62.83                     | 35.93                         | 11.43                  | 57.96                      | 393                  | 142                     | A                       | V               |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| <b>Remark</b>                                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |

**UNII 2C 5470~5725MHz****WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                   | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE160 Full<br/>CH 114<br/>5570MHz</b> |                                                                                                                                                                                                                                        | 7429                 | 46.36               | -27.64           | 74                          | 56.93                   | 36.04                         | 11.39                  | 58                         | -                    | -                       | P                     | H             |
|                                                       |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                       |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                       |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                       |                                                                                                                                                                                                                                        | 7429                 | 54.73               | -19.27           | 74                          | 65.3                    | 36.04                         | 11.39                  | 58                         | 385                  | 140                     | P                     | V             |
|                                                       |                                                                                                                                                                                                                                        | 7429                 | 51.69               | -2.31            | 54                          | 62.26                   | 36.04                         | 11.39                  | 58                         | 385                  | 140                     | A                     | V             |
|                                                       |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                       |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |



**UNII 2C - Straddle Channel****WIFI 802.11a (Harmonic @ 3m)**

| WIFI                                  | Note                                                                                        | Frequency | Level      | Margin | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|---------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                  |                                                                                             |           |            |        | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 5+4                                   |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| <b>802.11a<br/>CH 144<br/>5720MHz</b> |                                                                                             | 7627      | 49.56      | -24.44 | 74         | 59.87  | 36       | 11.51  | 57.82  | 100    | 126     | P     | H     |
|                                       |                                                                                             | 7627      | 43.63      | -10.37 | 54         | 53.94  | 36       | 11.51  | 57.82  | 100    | 126     | A     | H     |
|                                       |                                                                                             |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                       |                                                                                             |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                       |                                                                                             | 7627      | 52.75      | -21.25 | 74         | 63.06  | 36       | 11.51  | 57.82  | 267    | 163     | P     | V     |
|                                       |                                                                                             | 7627      | 48.9       | -5.1   | 54         | 59.21  | 36       | 11.51  | 57.82  | 267    | 163     | A     | V     |
|                                       |                                                                                             |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                       |                                                                                             |           |            |        |            |        |          |        |        |        |         |       | V     |
| <b>Remark</b>                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |        |          |        |        |        |         |       |       |


**UNII 2C - Straddle Channel**
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                        | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE20 Full<br>CH 144<br>5720MHz |                                                                                                                                                                                                                                        | 7627                 | 46.29               | -27.71           | 74                          | 56.6                    | 36                            | 11.51                  | 57.82                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                                                                                                                        | 7627                 | 53.44               | -20.56           | 74                          | 63.75                   | 36                            | 11.51                  | 57.82                      | 400                  | 207                     | P                     | V             |
|                                            |                                                                                                                                                                                                                                        | 7627                 | 49.91               | -4.09            | 54                          | 60.22                   | 36                            | 11.51                  | 57.82                      | 400                  | 207                     | A                     | V             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |

**UNII 2C - Straddle Channel****WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                              | Note                                                                                                                                                                                                                                                                                             | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE20<br/>Partial 26/8<br/>CH 144<br/>5720MHz</b> |                                                                                                                                                                                                                                                                                                  | 7627                 | 45.89               | -28.11           | 74                          | 56.2                    | 36                            | 11.51                  | 57.82                      | -                    | -                       | P                     | H             |
|                                                                  |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                  |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                  |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                  |                                                                                                                                                                                                                                                                                                  | 7627                 | 52.87               | -21.13           | 74                          | 63.18                   | 36                            | 11.51                  | 57.82                      | 400                  | 205                     | P                     | V             |
|                                                                  |                                                                                                                                                                                                                                                                                                  | 7627                 | 49.6                | -4.4             | 54                          | 59.91                   | 36                            | 11.51                  | 57.82                      | 400                  | 205                     | A                     | V             |
|                                                                  |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                  |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                                                    | <ol style="list-style-type: none"><li>1. No other spurious found.</li><li>2. All results are PASS against Peak and Average limit line.</li><li>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li></ol> |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |

**UNII 2C Straddle Channel****WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                  | Note                                                                                                                                                                                                                                                                                             | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11ax<br/>HE40 Full<br/>CH 142<br/>5710MHz</b> |                                                                                                                                                                                                                                                                                                  | 7616                 | 44.74               | -29.26           | 74                          | 55.06                     | 36                            | 11.51                  | 57.83                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                                                                                  | 7613                 | 54.52               | -19.48           | 74                          | 64.85                     | 36                            | 11.51                  | 57.84                      | 275                  | 185                     | P                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                  | 7613                 | 51.2                | -2.8             | 54                          | 61.53                     | 36                            | 11.51                  | 57.84                      | 275                  | 185                     | A                       | V               |
|                                                      |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                      |                                                                                                                                                                                                                                                                                                  |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| <b>Remark</b>                                        | <ol style="list-style-type: none"><li>1. No other spurious found.</li><li>2. All results are PASS against Peak and Average limit line.</li><li>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li></ol> |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |

**UNII 2C Straddle Channel****WIFI 802.11ax HE40 Partial 484 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                                    | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE40<br/>Partial<br/>484/65<br/>CH 142<br/>5710MHz</b> |                                                                                                                                                                                                                                        | 7616                 | 44.65               | -29.35           | 74                          | 54.97                   | 36                            | 11.51                  | 57.83                      | -                    | -                       | P                     | H             |
|                                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |                                                                                                                                                                                                                                        | 7616                 | 47.13               | -26.87           | 74                          | 57.45                   | 36                            | 11.51                  | 57.83                      | -                    | -                       | P                     | 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. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |

**UNII 2C - Straddle Channel****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                  | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE80 Full<br/>CH 138<br/>5690MHz</b> |                                                                                                                                                                                                                                        | 7583                 | 48.36               | -25.64           | 74                          | 58.8                    | 35.93                         | 11.5                   | 57.87                      | -                    | -                       | P                     | H             |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                                                                                                                                                                        | 7583                 | 54.37               | -19.63           | 74                          | 64.81                   | 35.93                         | 11.5                   | 57.87                      | 400                  | 174                     | P                     | V             |
|                                                      |                                                                                                                                                                                                                                        | 7583                 | 51.76               | -2.24            | 54                          | 62.2                    | 35.93                         | 11.5                   | 57.87                      | 400                  | 174                     | A                     | V             |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |

**UNII 2C 5470~5725MHz****WIFI 802.11ax HE80 Partial 996 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                         | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| i802.11ax<br>HE80<br>Partial<br>996/67<br>CH 138<br>5690MHz |                                                                                                                                                                                                                                        | 7586                 | 46.51               | -27.49           | 74                          | 56.93                   | 35.94                         | 11.5                   | 57.86                      | -                    | -                       | P                     | H             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                             |                                                                                                                                                                                                                                        | 7586                 | 55.67               | -18.33           | 74                          | 66.09                   | 35.94                         | 11.5                   | 57.86                      | 277                  | 186                     | P                     | V             |
|                                                             |                                                                                                                                                                                                                                        | 7586                 | 53.12               | -0.88            | 54                          | 63.54                   | 35.94                         | 11.5                   | 57.86                      | 277                  | 186                     | A                     | V             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |



## &lt;Antenna C&gt;

UNII 2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

| WIFI<br>Ant.<br>5+4          | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11a<br>CH 116<br>5580MHz |                                                                                             | 7440                 | 52.77               | -21.23           | 74                          | 63.34                   | 36.02                         | 11.4                   | 57.99                      | 294                  | 152                     | P                     | H             |
|                              |                                                                                             | 7440                 | 49.49               | -4.51            | 54                          | 60.06                   | 36.02                         | 11.4                   | 57.99                      | 294                  | 152                     | A                     | H             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             | 7440                 | 53.11               | -20.89           | 74                          | 63.68                   | 36.02                         | 11.4                   | 57.99                      | 312                  | 56                      | P                     | V             |
|                              |                                                                                             | 7440                 | 50.16               | -3.84            | 54                          | 60.73                   | 36.02                         | 11.4                   | 57.99                      | 312                  | 56                      | A                     | V             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| 802.11a<br>CH 140<br>5700MHz |                                                                                             | 7600                 | 51.25               | -22.75           | 74                          | 61.59                   | 36                            | 11.51                  | 57.85                      | 298                  | 152                     | P                     | H             |
|                              |                                                                                             | 7600                 | 47.59               | -6.41            | 54                          | 57.93                   | 36                            | 11.51                  | 57.85                      | 298                  | 152                     | A                     | H             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                              |                                                                                             | 7600                 | 52.44               | -21.56           | 74                          | 62.78                   | 36                            | 11.51                  | 57.85                      | 300                  | 54                      | P                     | V             |
|                              |                                                                                             | 7600                 | 49.49               | -4.51            | 54                          | 59.83                   | 36                            | 11.51                  | 57.85                      | 300                  | 54                      | A                     | V             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                              |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                       | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |




**UNII 2C - 5470~5725MHz**
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                        | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE20 Full<br>CH 116<br>5580MHz |                                                                                                                                                                                                                                        | 7440                 | 48.27               | -25.73           | 74                          | 58.84                     | 36.02                         | 11.4                   | 57.99                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7440                 | 54.39               | -19.61           | 74                          | 64.96                     | 36.02                         | 11.4                   | 57.99                      | 299                  | 52                      | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7440                 | 52.02               | -1.98            | 54                          | 62.59                     | 36.02                         | 11.4                   | 57.99                      | 299                  | 52                      | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE20 Full<br>CH 140<br>5700MHz |                                                                                                                                                                                                                                        | 7600                 | 51.23               | -22.77           | 74                          | 61.57                     | 36                            | 11.51                  | 57.85                      | 338                  | 14                      | P                       | H               |
|                                            |                                                                                                                                                                                                                                        | 7600                 | 46.78               | -7.22            | 54                          | 57.12                     | 36                            | 11.51                  | 57.85                      | 338                  | 14                      | A                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7600                 | 53.78               | -20.22           | 74                          | 64.12                     | 36                            | 11.51                  | 57.85                      | 305                  | 54                      | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7600                 | 50.56               | -3.44            | 54                          | 60.9                      | 36                            | 11.51                  | 57.85                      | 305                  | 54                      | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**UNII 2C 5470~5725MHz**

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

| WIFI<br>Ant.<br>5+4                                    | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE20<br>Partial 26/4<br>CH 116<br>5580MHz  |                                                                                                                                                                                                                                        | 7440                 | 47.16               | -26.84           | 74                          | 57.73                     | 36.02                         | 11.4                   | 57.99                      | -                    | -                       | P                       | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        | 7440                 | 54.17               | -19.83           | 74                          | 64.74                     | 36.02                         | 11.4                   | 57.99                      | 302                  | 52                      | P                       | V               |
|                                                        |                                                                                                                                                                                                                                        | 7440                 | 51.41               | -2.59            | 54                          | 61.98                     | 36.02                         | 11.4                   | 57.99                      | 302                  | 52                      | A                       | V               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| s802.11ax<br>HE20<br>Partial 26/8<br>CH 140<br>5700MHz |                                                                                                                                                                                                                                        | 7600                 | 51.28               | -22.72           | 74                          | 61.62                     | 36                            | 11.51                  | 57.85                      | 338                  | 14                      | P                       | H               |
|                                                        |                                                                                                                                                                                                                                        | 7600                 | 46.71               | -7.29            | 54                          | 57.05                     | 36                            | 11.51                  | 57.85                      | 338                  | 14                      | A                       | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                        |                                                                                                                                                                                                                                        | 7600                 | 53.88               | -20.12           | 74                          | 64.22                     | 36                            | 11.51                  | 57.85                      | 305                  | 54                      | P                       | V               |
|                                                        |                                                                                                                                                                                                                                        | 7600                 | 50.46               | -3.54            | 54                          | 60.8                      | 36                            | 11.51                  | 57.85                      | 305                  | 54                      | A                       | V               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                                 | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |


**UNII 2C 5470~5725MHz**
**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                        | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE40 Full<br>CH 102<br>5510MHz |                                                                                                                                                                                                                                        | 7352                 | 50.69               | -23.31           | 74                          | 60.98                     | 36.39                         | 11.37                  | 58.05                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7352                 | 56.38               | -17.62           | 74                          | 66.67                     | 36.39                         | 11.37                  | 58.05                      | 186                  | 136                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7352                 | 53.91               | -0.09            | 54                          | 64.2                      | 36.39                         | 11.37                  | 58.05                      | 186                  | 136                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE40 Full<br>CH 110<br>5550MHz |                                                                                                                                                                                                                                        | 7400                 | 53.45               | -20.55           | 74                          | 64                        | 36.1                          | 11.37                  | 58.02                      | 297                  | 174                     | P                       | H               |
|                                            |                                                                                                                                                                                                                                        | 7400                 | 50.58               | -3.42            | 54                          | 61.13                     | 36.1                          | 11.37                  | 58.02                      | 297                  | 174                     | A                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7400                 | 53.73               | -20.27           | 74                          | 64.28                     | 36.1                          | 11.37                  | 58.02                      | 287                  | 52                      | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7400                 | 50.78               | -3.22            | 54                          | 61.33                     | 36.1                          | 11.37                  | 58.02                      | 287                  | 52                      | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| 802.11ax<br>HE40 Full<br>CH 134<br>5670MHz |                                                                                                                                                                                                                                        | 7561                 | 44.86               | -29.14           | 74                          | 55.43                     | 35.84                         | 11.48                  | 57.89                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7561                 | 52.03               | -21.97           | 74                          | 62.6                      | 35.84                         | 11.48                  | 57.89                      | 194                  | 132                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7561                 | 48.36               | -5.64            | 54                          | 58.93                     | 35.84                         | 11.48                  | 57.89                      | 194                  | 132                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |

**UNII 2C 5470~5725MHz****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                        | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| 802.11ax<br>HE80 Full<br>CH 122<br>5610MHz |                                                                                                                                                                                                                                        | 7484                 | 47.24               | -26.76           | 74                          | 57.84                     | 35.93                         | 11.43                  | 57.96                      | -                    | -                       | P                       | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                            |                                                                                                                                                                                                                                        | 7484                 | 53.03               | -20.97           | 74                          | 63.63                     | 35.93                         | 11.43                  | 57.96                      | 188                  | 136                     | P                       | V               |
|                                            |                                                                                                                                                                                                                                        | 7484                 | 49.36               | -4.64            | 54                          | 59.96                     | 35.93                         | 11.43                  | 57.96                      | 188                  | 136                     | A                       | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | V               |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |

**UNII 2C 5470~5725MHz****WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                   | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE160 Full<br/>CH 114<br/>5570MHz</b> |                                                                                             | 7429                 | 52.5                | -21.5            | 74                          | 63.07                   | 36.04                         | 11.39                  | 58                         | 295                  | 209                     | P                     | H             |
|                                                       |                                                                                             | 7429                 | 48.46               | -5.54            | 54                          | 59.03                   | 36.04                         | 11.39                  | 58                         | 295                  | 209                     | A                     | H             |
|                                                       |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                       |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                       |                                                                                             | 7429                 | 55.12               | -18.88           | 74                          | 65.69                   | 36.04                         | 11.39                  | 58                         | 192                  | 136                     | P                     | V             |
|                                                       |                                                                                             | 7429                 | 52                  | -2               | 54                          | 62.57                   | 36.04                         | 11.39                  | 58                         | 192                  | 136                     | A                     | V             |
|                                                       |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                       |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |

**UNII 2C - Straddle Channel****WIFI 802.11a (Harmonic @ 3m)**

| WIFI                                  | Note                                                                                        | Frequency | Level      | Margin | Limit      | Read   | Antenna  | Path   | Preamp | Ant    | Table   | Peak  | Pol.  |
|---------------------------------------|---------------------------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant.                                  |                                                                                             |           |            |        | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
| 5+4                                   |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| <b>802.11a<br/>CH 144<br/>5720MHz</b> |                                                                                             | 7627      | 49.79      | -24.21 | 74         | 60.1   | 36       | 11.51  | 57.82  | 288    | 155     | P     | H     |
|                                       |                                                                                             | 7627      | 44.66      | -9.34  | 54         | 54.97  | 36       | 11.51  | 57.82  | 288    | 155     | A     | H     |
|                                       |                                                                                             |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                       |                                                                                             |           |            |        |            |        |          |        |        |        |         |       | H     |
|                                       |                                                                                             | 7627      | 51.2       | -22.8  | 74         | 61.51  | 36       | 11.51  | 57.82  | 300    | 52      | P     | V     |
|                                       |                                                                                             | 7627      | 46.87      | -7.13  | 54         | 57.18  | 36       | 11.51  | 57.82  | 300    | 52      | A     | V     |
|                                       |                                                                                             |           |            |        |            |        |          |        |        |        |         |       | V     |
|                                       |                                                                                             |           |            |        |            |        |          |        |        |        |         |       | V     |
| <b>Remark</b>                         | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |        |            |        |          |        |        |        |         |       |       |

**UNII 2C - Straddle Channel****WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                  | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE20 Full<br/>CH 144<br/>5720MHz</b> |                                                                                             | 7627                 | 49.72               | -24.28           | 74                          | 60.03                   | 36                            | 11.51                  | 57.82                      | 357                  | 13                      | P                     | H             |
|                                                      |                                                                                             | 7627                 | 44.72               | -9.28            | 54                          | 55.03                   | 36                            | 11.51                  | 57.82                      | 357                  | 13                      | A                     | H             |
|                                                      |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                      |                                                                                             | 7627                 | 53.33               | -20.67           | 74                          | 63.64                   | 36                            | 11.51                  | 57.82                      | 314                  | 54                      | P                     | V             |
|                                                      |                                                                                             | 7627                 | 49.82               | -4.18            | 54                          | 60.13                   | 36                            | 11.51                  | 57.82                      | 314                  | 54                      | A                     | V             |
|                                                      |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                      |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                                        | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |

**UNII 2C - Straddle Channel****WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                              | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE20<br/>Partial 26/8<br/>CH 144<br/>5720MHz</b> |                                                                                             | 7627                 | 50.54               | -23.46           | 74                          | 60.85                   | 36                            | 11.51                  | 57.82                      | 348                  | 13                      | P                     | H             |
|                                                                  |                                                                                             | 7627                 | 46.01               | -7.99            | 54                          | 56.32                   | 36                            | 11.51                  | 57.82                      | 348                  | 13                      | A                     | H             |
|                                                                  |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                  |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                  |                                                                                             | 7627                 | 53.48               | -20.52           | 74                          | 63.79                   | 36                            | 11.51                  | 57.82                      | 303                  | 54                      | P                     | V             |
|                                                                  |                                                                                             | 7627                 | 50.16               | -3.84            | 54                          | 60.47                   | 36                            | 11.51                  | 57.82                      | 303                  | 54                      | A                     | V             |
|                                                                  |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                  |                                                                                             |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                                                    | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |



**UNII 2C Straddle Channel****WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                  | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|---------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| <b>802.11ax<br/>HE40 Full<br/>CH 142<br/>5710MHz</b> |                                                                                                                                                                                                                                        | 7616                 | 44.74               | -29.26           | 74                          | 55.06                     | 36                            | 11.51                  | 57.83                      | -                    | -                       | P                       | H               |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         | H               |
|                                                      |                                                                                                                                                                                                                                        | 7616                 | 47.78               | -26.22           | 74                          | 58.1                      | 36                            | 11.51                  | 57.83                      | -                    | -                       | P                       | 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. |                      |                     |                  |                             |                           |                               |                        |                            |                      |                         |                         |                 |



**UNII 2C Straddle Channel**

**WIFI 802.11ax HE40 Partial 484 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                                    | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| <b>802.11ax<br/>HE40<br/>Partial<br/>484/65<br/>CH 142<br/>5710MHz</b> |                                                                                                                                                                                                                                        | 7616                 | 44.93               | -29.07           | 74                          | 55.25                   | 36                            | 11.51                  | 57.83                      | -                    | -                       | P                     | H             |
|                                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                                        |                                                                                                                                                                                                                                        | 7616                 | 53.27               | -20.73           | 74                          | 63.59                   | 36                            | 11.51                  | 57.83                      | 350                  | 133                     | P                     | V             |
|                                                                        |                                                                                                                                                                                                                                        | 7616                 | 49.18               | -4.82            | 54                          | 59.5                    | 36                            | 11.51                  | 57.83                      | 350                  | 133                     | A                     | V             |
|                                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                                        |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| <b>Remark</b>                                                          | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |


**UNII 2C - Straddle Channel**
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                        | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| 802.11ax<br>HE80 Full<br>CH 138<br>5690MHz |                                                                                                                                                                                                                                        | 7583                 | 44.71               | -29.29           | 74                          | 55.15                   | 35.93                         | 11.5                   | 57.87                      | -                    | -                       | P                     | H             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                            |                                                                                                                                                                                                                                        | 7583                 | 53.28               | -20.72           | 74                          | 63.72                   | 35.93                         | 11.5                   | 57.87                      | 192                  | 130                     | P                     | V             |
|                                            |                                                                                                                                                                                                                                        | 7583                 | 49.51               | -4.49            | 54                          | 59.95                   | 35.93                         | 11.5                   | 57.87                      | 192                  | 130                     | A                     | V             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                            |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                     | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |

**UNII 2C 5470~5725MHz****WIFI 802.11ax HE80 Partial 996 (Harmonic @ 3m)**

| WIFI<br>Ant.<br>5+4                                         | Note                                                                                                                                                                                                                                   | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Margin<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB/m ) | Path<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>(P/A) | Pol.<br>(H/V) |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------------------|-----------------------------|-------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|---------------|
| i802.11ax<br>HE80<br>Partial<br>996/67<br>CH 138<br>5690MHz |                                                                                                                                                                                                                                        | 7583                 | 44.72               | -29.28           | 74                          | 55.16                   | 35.93                         | 11.5                   | 57.87                      | -                    | -                       | P                     | H             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | H             |
|                                                             |                                                                                                                                                                                                                                        | 7583                 | 46.91               | -27.09           | 74                          | 57.35                   | 35.93                         | 11.5                   | 57.87                      | -                    | -                       | P                     | V             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
|                                                             |                                                                                                                                                                                                                                        |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       | V             |
| Remark                                                      | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line.<br>3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. |                      |                     |                  |                             |                         |                               |                        |                            |                      |                         |                       |               |



**Note symbol**

|     |                                                                                                                                                          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| !   | Test result is <b>over limit</b> line.                                                                                                                   |
| P/A | <b>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.    |         |
| 5+4     |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11a |      | 7440      | 52.77      | -21.23 | 74         | 63.34    | 36.02    | 11.4   | 57.99  | 294    | 152     | P       | H       |
| CH 116  |      | 7440      | 49.49      | -4.51  | 54         | 60.06    | 36.02    | 11.4   | 57.99  | 294    | 152     | A       | H       |
| 5580MHz |      |           |            |        |            |          |          |        |        |        |         |         |         |

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 @ 7440MHz:**

1. Level(dBμV/m)  
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
 = 36.02(dB/m) + 11.4(dB) + 63.34(dBμV) – 57.99 (dB)  
 = 52.77 (dBμV/m)
2. Margin (dB)  
 = Level(dBμV/m) – Limit Line(dBμV/m)  
 = 52.77(dBμV/m) – 74(dBμV/m)  
 = -21.23(dB)

**For Average Limit @ 7440MHz:**

1. Level(dBμV/m)  
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
 = 36.02(dB/m) + 11.4(dB) + 60.06(dBμV) – 57.99 (dB)  
 = 49.49 (dBμV/m)
2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)  
 = 49.49 (dBμV/m) – 54(dBμV/m)  
 = -4.51(dB)

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



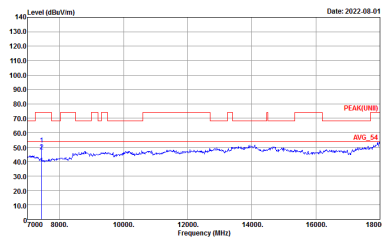
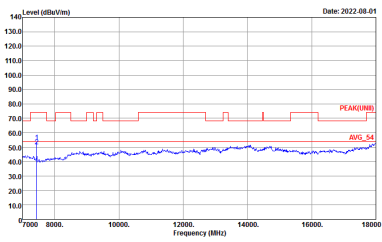
## Appendix G. Radiated Spurious Emission Plots

|                 |                         |                     |             |
|-----------------|-------------------------|---------------------|-------------|
| Test Engineer : | Leo Li and Bigshow Wang | Temperature :       | 22.1~23.1°C |
|                 |                         | Relative Humidity : | 55~60%      |

&lt;Antenna A&gt;

UNII 2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

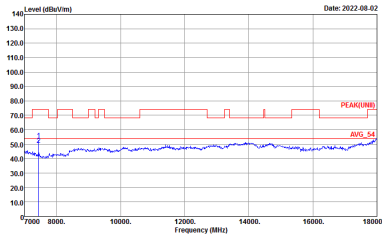
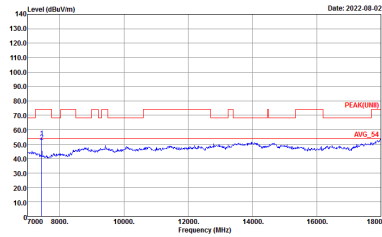
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                           |                                                                                                                                                                                             |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH116 5580MHz                                                                                                                                                                        |                                                                                                                                                                                             |
| 5+4          | Horizontal                                                                                                                                                                                   | Vertical                                                                                                                                                                                    |
| Peak<br>Avg. |  <p>Site : 03CH15-4Y<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-4Y<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                              |                                                                                                                                                                                             |



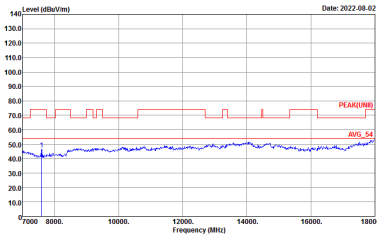
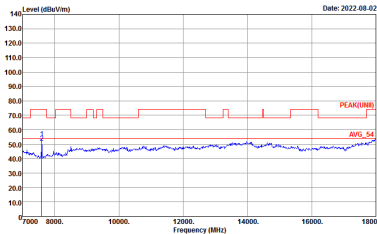
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                            |                                                                                                                                                             |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH140 5700MHz                                                                                                                                         |                                                                                                                                                             |
| 5+4          | Horizontal                                                                                                                                                    | Vertical                                                                                                                                                    |
| Peak<br>Avg. | <div><p>140 Level (dBu/m) Date: 2022-07-30</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/m) Date: 2022-07-30</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |



**UNII 2C 5470~5725MHz**  
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

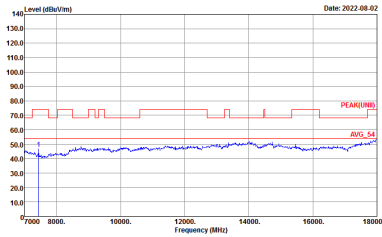
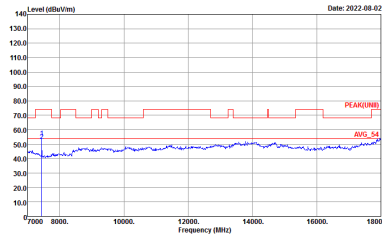
| WIFI                           | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE20 Full CH116 5580MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



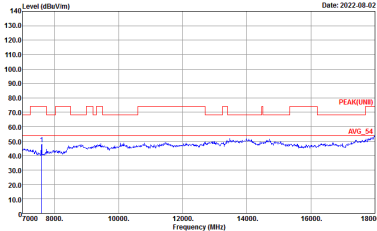
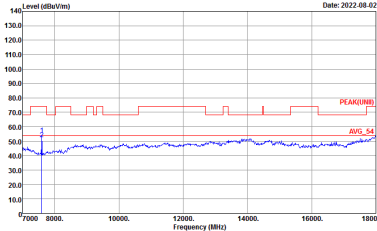
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH140 5700MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |



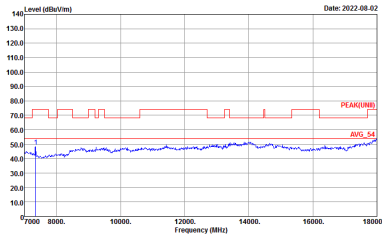
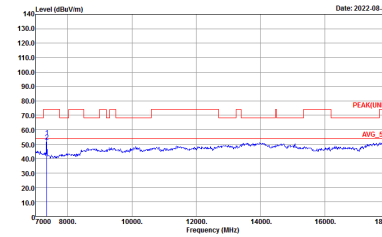
UNII 2C - 5470~5725MHz  
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Partial 26/4 CH116 5580MHz                                                                                                                                                    |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

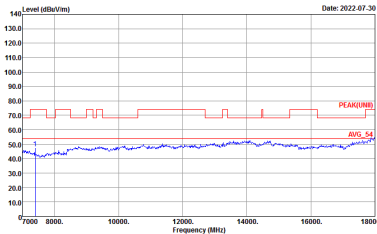
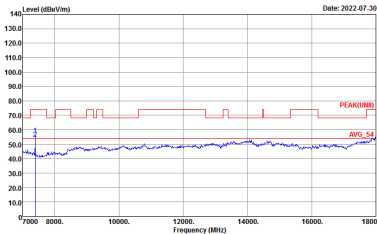


| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                                                                             |                                                                                                                                                                                                                                               |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Partial 26/8 CH140 5700MHz                                                                                                                                                                                                       |                                                                                                                                                                                                                                               |
| 5+4          | Horizontal                                                                                                                                                                                                                                     | Vertical                                                                                                                                                                                                                                      |
| Peak<br>Avg. | <div><p>140 Level (dBu/m) Date: 2022-08-02</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/m) Date: 2022-08-02</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |
|              |                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                               |

**UNII 2C 5470~5725MHz**  
**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

| WIFI                           | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE40 Full CH102 5510MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |

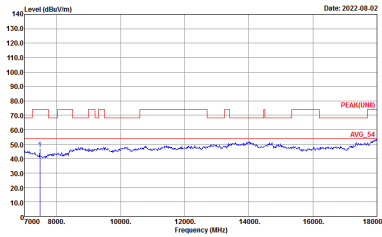
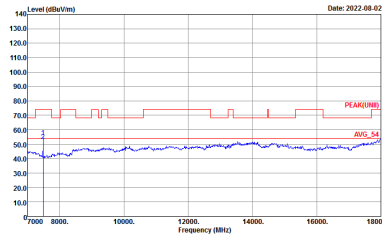


| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH110 5550MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |



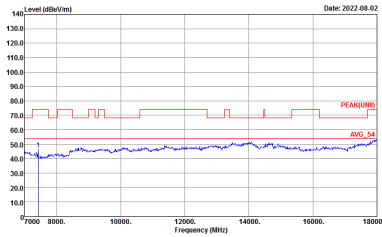
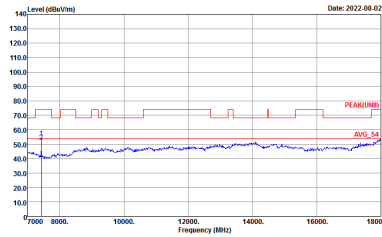
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                   |                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH134 5670MHz                                                                                                                                     |                                                                                                                                                                    |
| 5+4          | Horizontal                                                                                                                                                           | Vertical                                                                                                                                                           |
| Peak<br>Avg. | <div><p>140 Level (dBu/1m)</p><p>Date: 2022-08-02</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/1m)</p><p>Date: 2022-08-02</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |
|              |                                                                                                                                                                      |                                                                                                                                                                    |

**UNII 2C 5470~5725MHz**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI                           | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE80 Full CH122 5610MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |

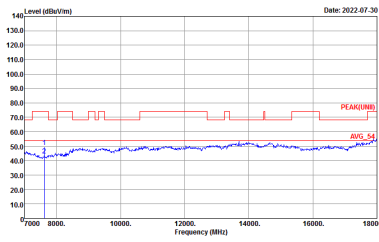
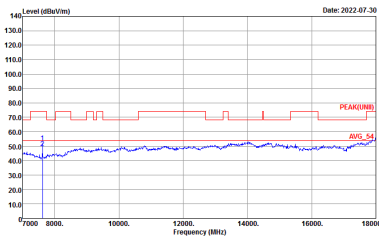


**UNII 2C 5470~5725MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

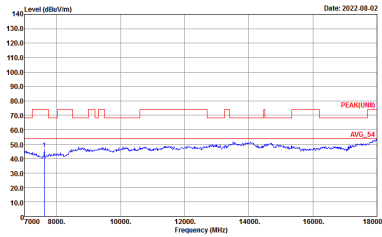
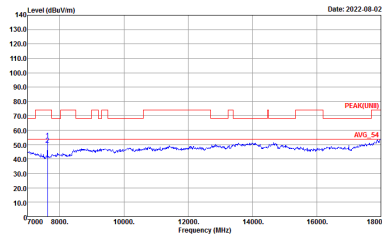
| WIFI                           | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE160 Full CH114 5570MHz                                                                                                                                                             |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



UNII 2C - Straddle Channel  
WIFI 802.11a (Harmonic @ 3m)

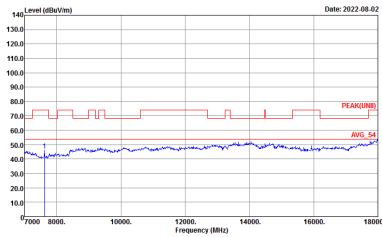
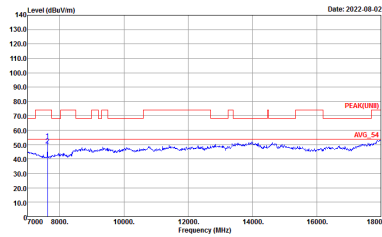
| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                      |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH144 5720MHz                                                                                                                                                                       |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |

**UNII 2C – Straddle Channel**  
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                        |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE20 Full CH144 5720MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |

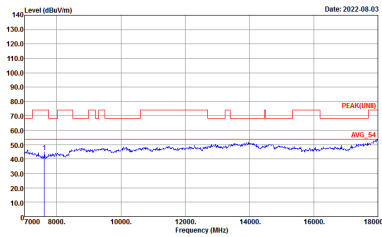
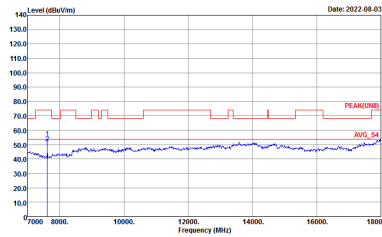


UNII 2C - Straddle Channel  
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                      |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Partial 26/8 CH144 5720MHz                                                                                                                                                    |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |

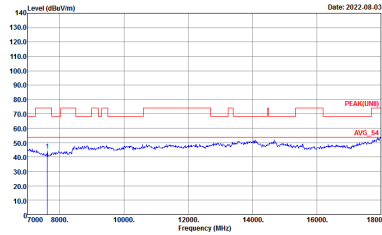
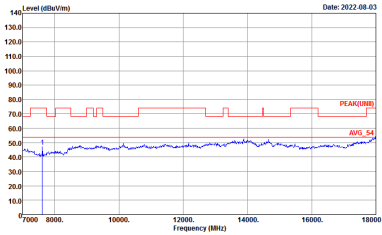


UNII 2C – Straddle Channel  
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                      |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH142 5710MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |

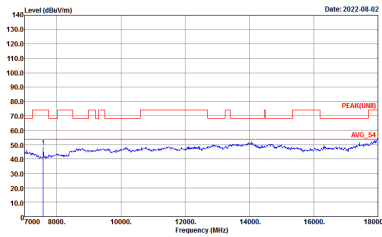
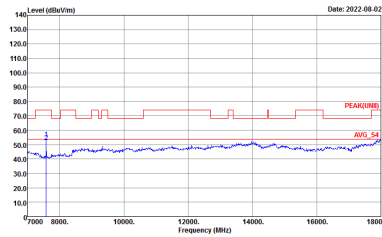


UNII 2C – Straddle Channel  
WIFI 802.11ax HE40 Partial 484 (Harmonic @ 3m)

| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                      |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Partial 484/65 CH142 5710MHz                                                                                                                                                  |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |

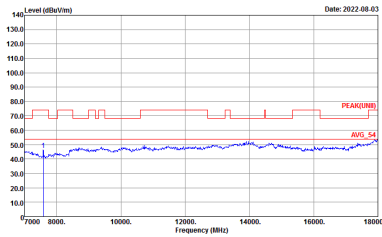
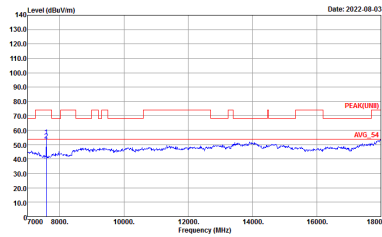


UNII 2C – Straddle Channel  
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                      |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Full CH138 5690MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20220804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20220804 VERTICAL<br/>Detector : Peak</p> |



UNII 2C – Straddle Channel  
WIFI 802.11ax HE80 Partial 996 (Harmonic @ 3m)

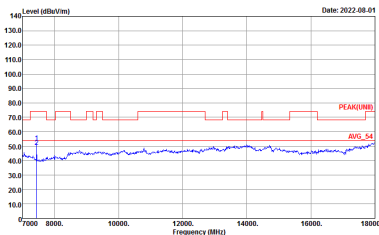
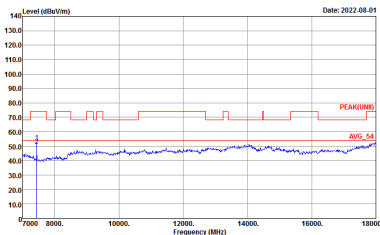
| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                      |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE80 Partial 996/67 CH138 5690MHz                                                                                                                                                  |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |



### <Antenna C>

## UNII 2C - 5470~5725MHz

### WIFI 802.11a (Harmonic @ 3m)

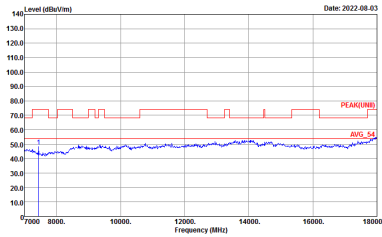
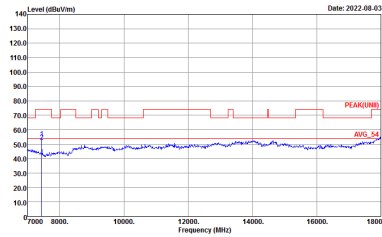
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
| ANT          | 802.11a CH116 5580MHz                                                                                                                                                                       |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |



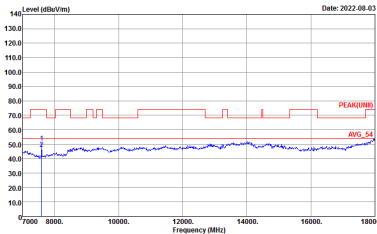
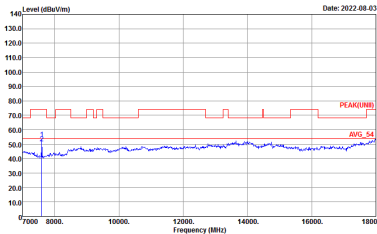
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                  |                                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11a CH140 5700MHz                                                                                                                                               |                                                                                                                                                                   |
| 5+4          | Horizontal                                                                                                                                                          | Vertical                                                                                                                                                          |
| Peak<br>Avg. | <div><p>140 Level (dBu/m)</p><p>Date: 2022-08-01</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/m)</p><p>Date: 2022-08-01</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |
|              |                                                                                                                                                                     |                                                                                                                                                                   |



UNII 2C 5470~5725MHz  
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

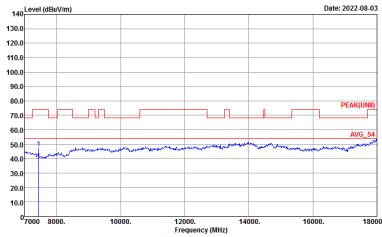
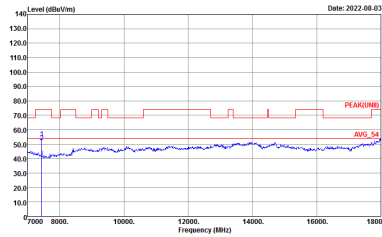
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH116 5580MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |



| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Full CH140 5700MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |



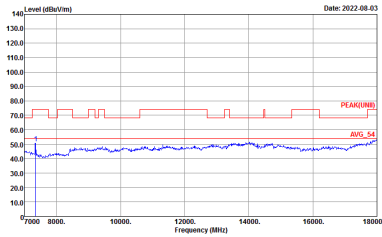
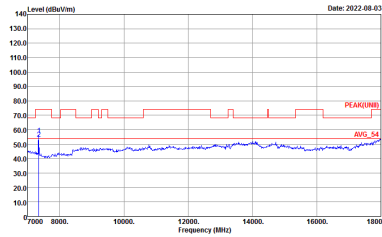
UNII 2C - 5470~5725MHz  
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE20 Partial 26/4 CH116 5580MHz                                                                                                                                                    |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |



|              |                                                                                                                                                               |                                                                                                                                                             |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                            |                                                                                                                                                             |
| ANT          | 802.11ax HE20 Partial 26/8 CH140 5700MHz                                                                                                                      |                                                                                                                                                             |
| 5+4          | Horizontal                                                                                                                                                    | Vertical                                                                                                                                                    |
| Peak<br>Avg. | <div><p>140 Level (dBu/m) Date: 2022-08-03</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/m) Date: 2022-08-03</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |

**UNII 2C 5470~5725MHz**  
**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

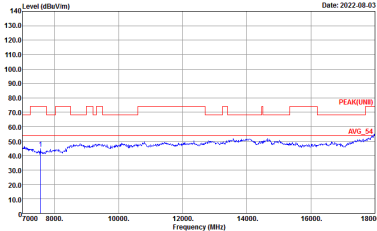
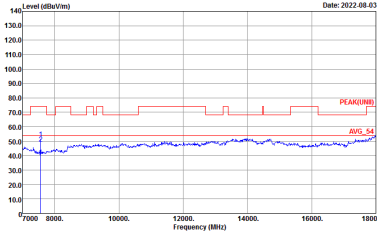
| WIFI                           | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE40 Full CH102 5510MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



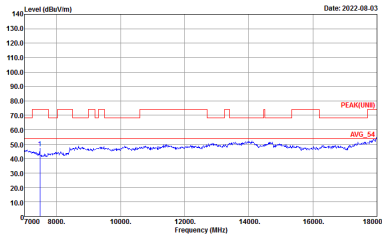
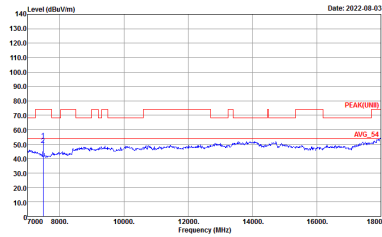
| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                   |                                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH110 5550MHz                                                                                                                                     |                                                                                                                                                                    |
| 5+4          | Horizontal                                                                                                                                                           | Vertical                                                                                                                                                           |
| Peak<br>Avg. | <div><p>140 Level (dBu/1m)</p><p>Date: 2022-08-01</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p></div> | <div><p>140 Level (dBu/1m)</p><p>Date: 2022-08-01</p><p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p></div> |
|              |                                                                                                                                                                      |                                                                                                                                                                    |



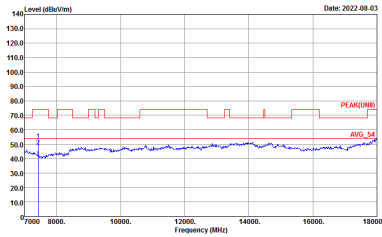
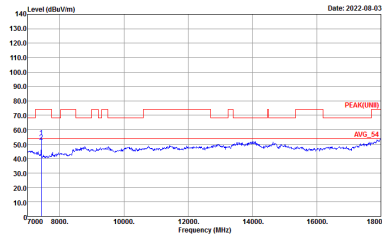


| WIFI         | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH134 5670MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

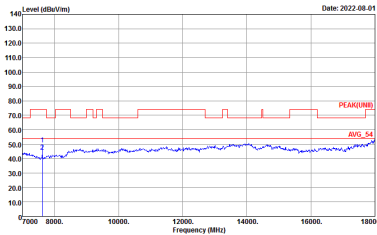
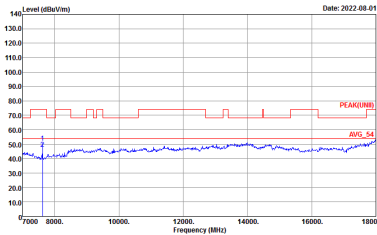
**UNII 2C 5470~5725MHz**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI                           | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE80 Full CH122 5610MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |

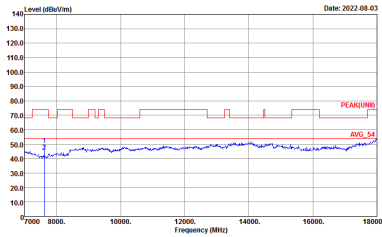
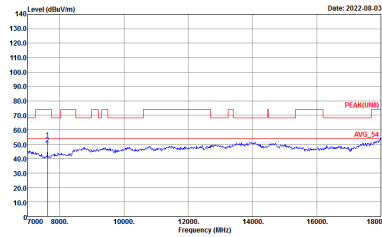
**UNII 2C 5470~5725MHz**  
**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

| WIFI                           | UNII 2C 5470~5725MHz Harmonic @ 3m                                                                                                                                                            |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE160 Full CH114 5570MHz                                                                                                                                                             |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |

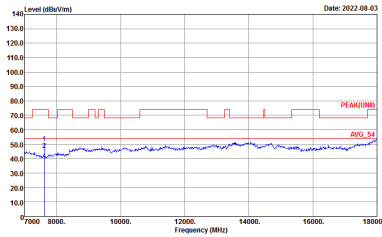
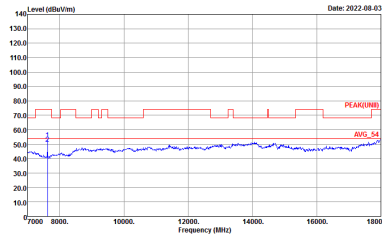
**UNII 2C - Straddle Channel**  
**WIFI 802.11a (Harmonic @ 3m)**

| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                        |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11a CH144 5720MHz                                                                                                                                                                         |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |

**UNII 2C – Straddle Channel**  
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

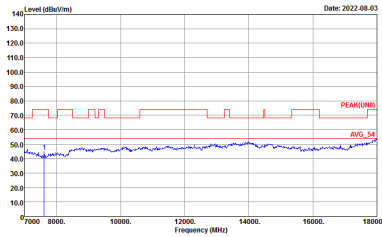
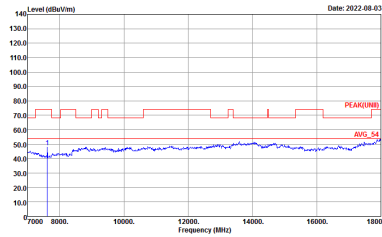
| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                        |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE20 Full CH144 5720MHz                                                                                                                                                              |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |

**UNII 2C - Straddle Channel**  
**WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)**

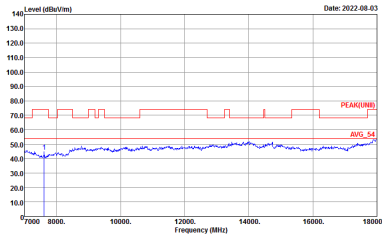
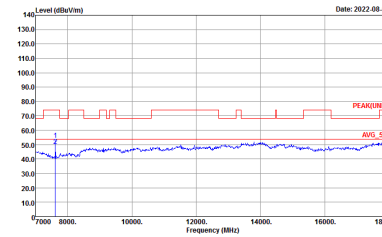
| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                        |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE20 Partial 26/8 CH144 5720MHz                                                                                                                                                      |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



UNII 2C – Straddle Channel  
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

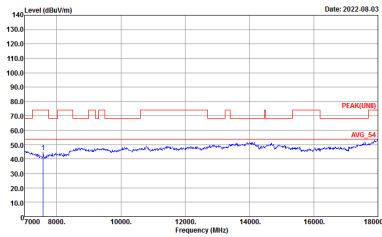
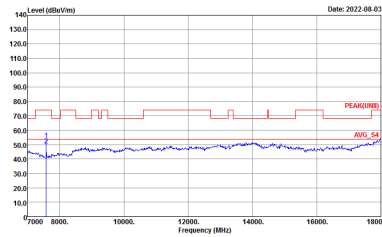
| WIFI         | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                      |                                                                                                                                                                                            |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT          | 802.11ax HE40 Full CH142 5710MHz                                                                                                                                                            |                                                                                                                                                                                            |
| 5+4          | Horizontal                                                                                                                                                                                  | Vertical                                                                                                                                                                                   |
| Peak<br>Avg. |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/>Detector : Peak</p> |  <p>Site : 03CH15-HY<br/>Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/>Detector : Peak</p> |
|              |                                                                                                                                                                                             |                                                                                                                                                                                            |

**UNII 2C – Straddle Channel**  
**WIFI 802.11ax HE40 Partial 484 (Harmonic @ 3m)**

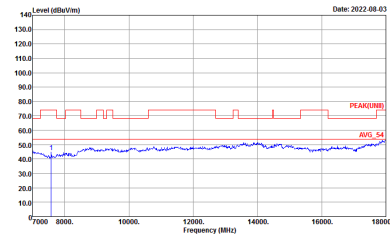
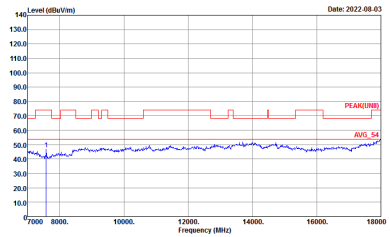
| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                        |                                                                                                                                                                                              |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE40 Partial 484/65 CH142 5710MHz                                                                                                                                                    |                                                                                                                                                                                              |
| 5+4                            | Horizontal                                                                                                                                                                                    | Vertical                                                                                                                                                                                     |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak</p> |



**UNII 2C – Straddle Channel**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                         |                                                                                                                                                                                               |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE80 Full CH138 5690MHz                                                                                                                                                               |                                                                                                                                                                                               |
| 5+4                            | Horizontal                                                                                                                                                                                     | Vertical                                                                                                                                                                                      |
| <b>Peak</b><br><br><b>Avg.</b> |  <p>Site : 03CH15-HY<br/> Condition : PEARQ(UNII) 3m 90120_02038_20230804 HORIZONTAL<br/> Detector : Peak</p> |  <p>Site : 03CH15-HY<br/> Condition : PEARQ(UNII) 3m 90120_02038_20230804 VERTICAL<br/> Detector : Peak</p> |

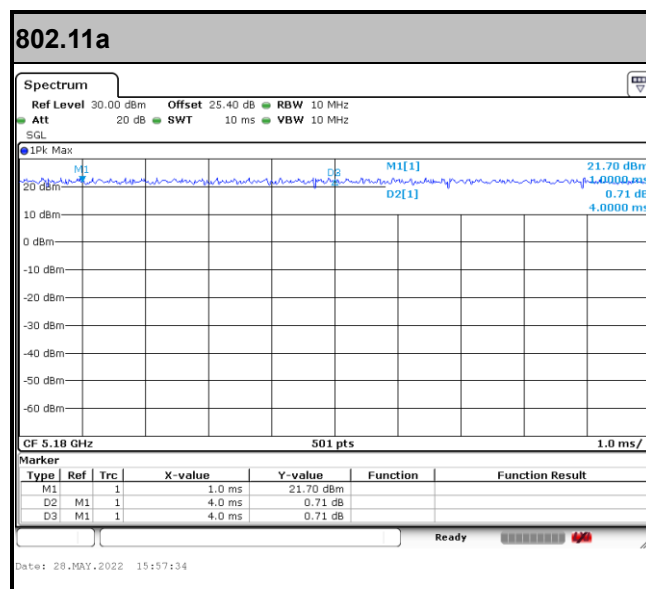
**UNII 2C – Straddle Channel**  
**WIFI 802.11ax HE80 Partial 996 (Harmonic @ 3m)**

| WIFI                           | UNII 2C Straddle Channel Harmonic @ 3m                                                                                                                                                          |                                                                                                                                                                                                |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT                            | 802.11ax HE80 Partial 996/67 CH138 5690MHz                                                                                                                                                      |                                                                                                                                                                                                |
| 5+4                            | Horizontal                                                                                                                                                                                      | Vertical                                                                                                                                                                                       |
| <b>Peak</b><br><br><b>Avg.</b> |  <p> Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL<br/> Detector : Peak </p> |  <p> Site : 03CH15-HY<br/> Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL<br/> Detector : Peak </p> |

## Appendix H. Duty Cycle Plots

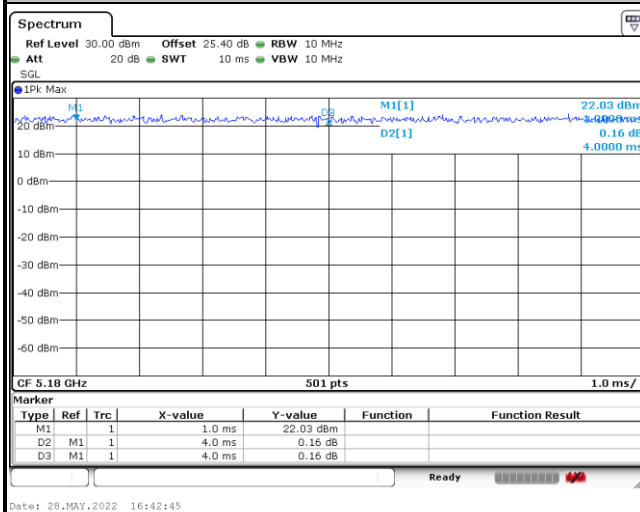
| Antenna | Band                                   | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|----------------------------------------|---------------|-------|----------|-------------|
| 5+4     | 5GHz 802.11a for Ant. 5                | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11a for Ant. 4                | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11ax HE20 Full RU for Ant. 5  | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11ax HE20 Full RU for Ant. 4  | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11ax HE40 Full RU for Ant. 5  | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11ax HE40 Full RU for Ant. 4  | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11ax HE80 Full RU for Ant. 5  | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11ax HE80 Full RU for Ant. 4  | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11ax HE160 Full RU for Ant. 5 | 100.00        | -     | -        | 10Hz        |
| 5+4     | 5GHz 802.11ax HE160 Full RU for Ant. 4 | 100.00        | -     | -        | 10Hz        |

### MIMO <Ant. 5>

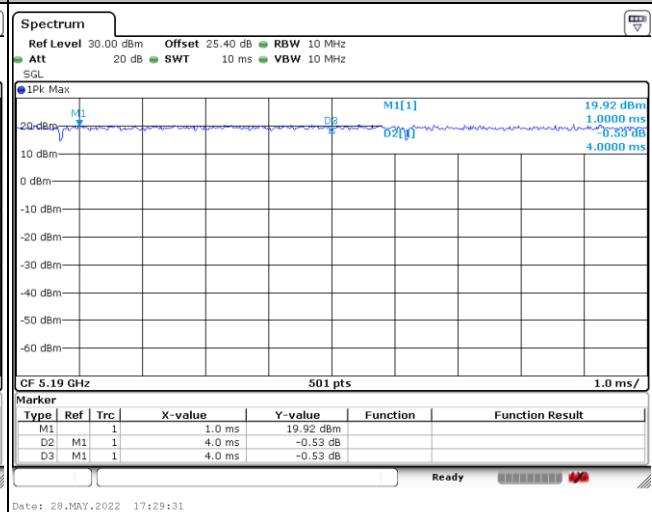




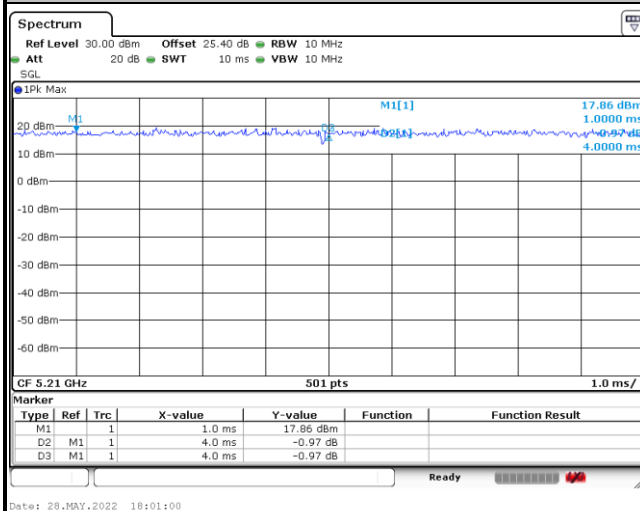
## 802.11ax HE20 Full RU



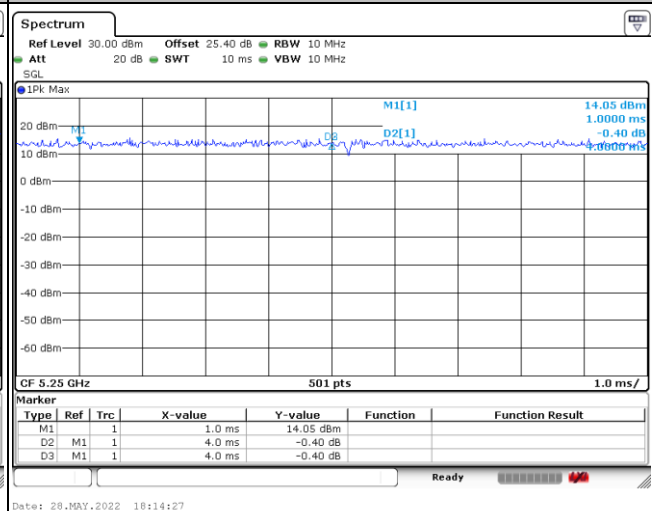
## 802.11ax HE40 Full RU



## 802.11ax HE80 Full RU



## 802.11ax HE160 Full RU





## MIMO &lt;Ant. 4&gt;

