

## Appendix A:Test Data

1X1

Duty cycle

| Mode           | Frequency (MHz) | On time (ms) | On+off time (ms) | Duty cycle (%) | Duty Factor (dB) | 1/T Minimun VBW (kHz) |
|----------------|-----------------|--------------|------------------|----------------|------------------|-----------------------|
| 802.11b        | 2412            | 0.677        | 2.275            | 29.745         | 5.266            | 1.478                 |
| 802.11g        | 2412            | 3.180        | 4.180            | 76.077         | 1.187            | 0.314                 |
| 802.11n HT20   | 2412            | 5.551        | 7.095            | 78.238         | 1.066            | 0.180                 |
| 802.11n HT40   | 2422            | 5.467        | 7.000            | 78.100         | 1.073            | 0.183                 |
| 802.11ax HE20  | 2412            | 5.539        | 7.075            | 78.290         | 1.063            | 0.181                 |
| 802.11ax HE40  | 2422            | 5.467        | 7.033            | 77.734         | 1.094            | 0.183                 |
| 802.11be EHT20 | 2412            | 5.500        | 6.833            | 80.492         | 0.942            | 0.182                 |
| 802.11be EHT40 | 2422            | 5.467        | 6.833            | 80.009         | 0.969            | 0.183                 |

| 2.4 GHz Band   |         |                |                                |       |       |       | Test SW Version |
|----------------|---------|----------------|--------------------------------|-------|-------|-------|-----------------|
| Mode           | Channel | Freq.<br>(MHz) | RF power setting<br>in Test SW |       |       |       |                 |
|                |         |                | Ant-0                          | Ant-1 | Ant-2 | Ant-3 |                 |
| 802.11b        | 1       | 2412           | 24.00                          | -     | -     | -     | QSPR v5.0       |
| 802.11b        | 6       | 2437           | 24.00                          | -     | -     | -     |                 |
| 802.11b        | 11      | 2462           | 24.00                          | -     | -     | -     |                 |
| 802.11g        | 1       | 2412           | 23.00                          | -     | -     | -     |                 |
| 802.11g        | 6       | 2437           | 24.00                          | -     | -     | -     |                 |
| 802.11g        | 11      | 2462           | 22.00                          | -     | -     | -     |                 |
| 802.11n HT20   | 1       | 2412           | 22.00                          | -     | -     | -     |                 |
| 802.11n HT20   | 6       | 2437           | 24.00                          | -     | -     | -     |                 |
| 802.11n HT20   | 11      | 2462           | 21.00                          | -     | -     | -     |                 |
| 802.11n HT40   | 3       | 2422           | 17.00                          | -     | -     | -     |                 |
| 802.11n HT40   | 6       | 2437           | 20.00                          | -     | -     | -     |                 |
| 802.11n HT40   | 9       | 2452           | 18.00                          | -     | -     | -     |                 |
| 802.11ax HE20  | 1       | 2412           | 22.00                          | -     | -     | -     |                 |
| 802.11ax HE20  | 6       | 2437           | 24.00                          | -     | -     | -     |                 |
| 802.11ax HE20  | 11      | 2462           | 21.00                          | -     | -     | -     |                 |
| 802.11ax HE40  | 3       | 2422           | 17.00                          | -     | -     | -     |                 |
| 802.11ax HE40  | 6       | 2437           | 20.00                          | -     | -     | -     |                 |
| 802.11ax HE40  | 9       | 2452           | 18.00                          | -     | -     | -     |                 |
| 802.11be EHT20 | 1       | 2412           | 22.00                          | -     | -     | -     |                 |
| 802.11be EHT20 | 6       | 2437           | 24.00                          | -     | -     | -     |                 |
| 802.11be EHT20 | 11      | 2462           | 21.00                          | -     | -     | -     |                 |
| 802.11be EHT40 | 3       | 2422           | 17.00                          | -     | -     | -     |                 |
| 802.11be EHT40 | 6       | 2437           | 20.00                          | -     | -     | -     |                 |
| 802.11be EHT40 | 9       | 2452           | 18.00                          | -     | -     | -     |                 |

| 2.4 GHz Band Config |         |                |           |
|---------------------|---------|----------------|-----------|
| Mode                | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11b             | 1       | 2412           | 1M        |
| 802.11b             | 6       | 2437           | 1M        |
| 802.11b             | 11      | 2462           | 1M        |
| 802.11g             | 1       | 2412           | 6M        |
| 802.11g             | 6       | 2437           | 6M        |
| 802.11g             | 11      | 2462           | 6M        |
| 802.11n HT20        | 1       | 2412           | 6.5M      |
| 802.11n HT20        | 6       | 2437           | 6.5M      |
| 802.11n HT20        | 11      | 2462           | 6.5M      |
| 802.11n HT40        | 3       | 2422           | 13.5M     |
| 802.11n HT40        | 6       | 2437           | 13.5M     |
| 802.11n HT40        | 9       | 2452           | 13.5M     |
| 802.11ax HE20       | 1       | 2412           | MCS0      |
| 802.11ax HE20       | 6       | 2437           | MCS0      |
| 802.11ax HE20       | 11      | 2462           | MCS0      |
| 802.11ax HE40       | 3       | 2422           | MCS0      |
| 802.11ax HE40       | 6       | 2437           | MCS0      |
| 802.11ax HE40       | 9       | 2452           | MCS0      |
| 802.11be EHT20      | 1       | 2412           | MCS0      |
| 802.11be EHT20      | 6       | 2437           | MCS0      |
| 802.11be EHT20      | 11      | 2462           | MCS0      |
| 802.11be EHT40      | 3       | 2422           | MCS0      |
| 802.11be EHT40      | 6       | 2437           | MCS0      |
| 802.11be EHT40      | 9       | 2452           | MCS0      |

| 2.4 GHz Band   |    |                |              |                                    |       |       |       |     |                                     |       |       |       |     |                                      |       |       |       |     |
|----------------|----|----------------|--------------|------------------------------------|-------|-------|-------|-----|-------------------------------------|-------|-------|-------|-----|--------------------------------------|-------|-------|-------|-----|
| Mode           | CH | Freq.<br>(MHz) | Data<br>Rate | Avg<br>Conducted<br>Power<br>(dBm) |       |       |       |     | Peak<br>Conducted<br>Power<br>(dBm) |       |       |       |     | Conducted<br>Power<br>Limit<br>(dBm) |       |       |       |     |
|                |    |                |              | Ant-0                              | Ant-1 | Ant-2 | Ant-3 | SUM | Ant-0                               | Ant-1 | Ant-2 | Ant-3 | SUM | Ant-0                                | Ant-1 | Ant-2 | Ant-3 | SUM |
| 802.11b        | 1  | 2412           | 1M           | 23.80                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11b        | 6  | 2437           | 1M           | 23.85                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11b        | 11 | 2462           | 1M           | 23.76                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11g        | 1  | 2412           | 6M           | 22.74                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11g        | 6  | 2437           | 6M           | 23.58                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11g        | 11 | 2462           | 6M           | 21.64                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11n HT20   | 1  | 2412           | 6.5M         | 21.73                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11n HT20   | 6  | 2437           | 6.5M         | 23.44                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11n HT20   | 11 | 2462           | 6.5M         | 20.62                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11n HT40   | 3  | 2422           | 13.5M        | 17.26                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11n HT40   | 6  | 2437           | 13.5M        | 20.22                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11n HT40   | 9  | 2452           | 13.5M        | 18.33                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11ax HE20  | 1  | 2412           | MCS0         | 21.70                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11ax HE20  | 6  | 2437           | MCS0         | 23.31                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11ax HE20  | 11 | 2462           | MCS0         | 20.48                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11ax HE40  | 3  | 2422           | MCS0         | 17.15                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11ax HE40  | 6  | 2437           | MCS0         | 20.08                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11ax HE40  | 9  | 2452           | MCS0         | 18.22                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11be EHT20 | 1  | 2412           | MCS0         | 21.82                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11be EHT20 | 6  | 2437           | MCS0         | 23.45                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11be EHT20 | 11 | 2462           | MCS0         | 20.62                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11be EHT40 | 3  | 2422           | MCS0         | 17.27                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11be EHT40 | 6  | 2437           | MCS0         | 20.23                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |
| 802.11be EHT40 | 9  | 2452           | MCS0         | 18.34                              | -     | -     | -     | -   | -                                   | -     | -     | -     | -   | 30.00                                | -     | -     | -     | -   |

| 6 dB Bandwidth |                |                         |       |       |       |                                         |
|----------------|----------------|-------------------------|-------|-------|-------|-----------------------------------------|
| Mode           | Freq.<br>(MHz) | 6 dB Bandwidth<br>(kHz) |       |       |       | 6 dB<br>Bandwidth<br>Min.Limit<br>(kHz) |
|                |                | Ant-0                   | Ant-1 | Ant-2 | Ant-3 |                                         |
| 802.11b        | 2412           | 8106                    | -     | -     | -     | ≥ 500                                   |
| 802.11b        | 2437           | 8088                    | -     | -     | -     | ≥ 500                                   |
| 802.11b        | 2462           | 8098                    | -     | -     | -     | ≥ 500                                   |
| 802.11g        | 2412           | 15110                   | -     | -     | -     | ≥ 500                                   |
| 802.11g        | 2437           | 15140                   | -     | -     | -     | ≥ 500                                   |
| 802.11g        | 2462           | 15140                   | -     | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2412           | 15130                   | -     | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2437           | 15140                   | -     | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2462           | 15120                   | -     | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2422           | 35150                   | -     | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2437           | 35130                   | -     | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2452           | 35160                   | -     | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2412           | 16290                   | -     | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2437           | 16280                   | -     | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2462           | 15590                   | -     | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2422           | 36190                   | -     | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2437           | 36410                   | -     | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2452           | 35360                   | -     | -     | -     | ≥ 500                                   |

| 99 % Occupied BW |                |                           |       |       |       |
|------------------|----------------|---------------------------|-------|-------|-------|
| Mode             | Freq.<br>(MHz) | 99 % Occupied BW<br>(MHz) |       |       |       |
|                  |                | Ant-0                     | Ant-1 | Ant-2 | Ant-3 |
| 802.11b          | 2412           | 13.160                    | -     | -     | -     |
| 802.11b          | 2437           | 13.118                    | -     | -     | -     |
| 802.11b          | 2462           | 13.119                    | -     | -     | -     |
| 802.11g          | 2412           | 16.937                    | -     | -     | -     |
| 802.11g          | 2437           | 16.932                    | -     | -     | -     |
| 802.11g          | 2462           | 16.910                    | -     | -     | -     |
| 802.11n HT20     | 2412           | 17.978                    | -     | -     | -     |
| 802.11n HT20     | 2437           | 17.944                    | -     | -     | -     |
| 802.11n HT20     | 2462           | 17.925                    | -     | -     | -     |
| 802.11n HT40     | 2422           | 37.111                    | -     | -     | -     |
| 802.11n HT40     | 2437           | 37.160                    | -     | -     | -     |
| 802.11n HT40     | 2452           | 37.065                    | -     | -     | -     |
| 802.11be EHT20   | 2412           | 18.982                    | -     | -     | -     |
| 802.11be EHT20   | 2437           | 18.978                    | -     | -     | -     |
| 802.11be EHT20   | 2462           | 18.997                    | -     | -     | -     |
| 802.11be EHT40   | 2422           | 38.088                    | -     | -     | -     |
| 802.11be EHT40   | 2437           | 38.124                    | -     | -     | -     |
| 802.11be EHT40   | 2452           | 38.138                    | -     | -     | -     |

| Maximum Power Spectral Density Measurement |                |                            |       |       |       |     |                           |       |       |       |     |
|--------------------------------------------|----------------|----------------------------|-------|-------|-------|-----|---------------------------|-------|-------|-------|-----|
| Mode                                       | Freq.<br>(MHz) | Measurement<br>(dBm/3 kHz) |       |       |       |     | Max.Limit<br>(dBm/ 3 kHz) |       |       |       |     |
|                                            |                | Ant-0                      | Ant-1 | Ant-2 | Ant-3 | SUM | Ant-0                     | Ant-1 | Ant-2 | Ant-3 | SUM |
| 802.11b                                    | 2412           | -0.04                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11b                                    | 2437           | 0.03                       | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11b                                    | 2462           | 1.98                       | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11g                                    | 2412           | -2.13                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11g                                    | 2437           | -1.60                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11g                                    | 2462           | -3.42                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11n HT20                               | 2412           | -1.66                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11n HT20                               | 2437           | -0.26                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11n HT20                               | 2462           | -3.44                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11n HT40                               | 2422           | -8.37                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11n HT40                               | 2437           | -6.90                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11n HT40                               | 2452           | -8.36                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11be EHT20                             | 2412           | -1.40                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11be EHT20                             | 2437           | 0.18                       | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11be EHT20                             | 2462           | -2.89                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11be EHT40                             | 2422           | -10.13                     | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11be EHT40                             | 2437           | -5.90                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |
| 802.11be EHT40                             | 2452           | -8.58                      | -     | -     | -     | -   | 8.00                      | -     | -     | -     | -   |

2X2

| Duty cycle     |                 |              |                  |                |                  |                       |
|----------------|-----------------|--------------|------------------|----------------|------------------|-----------------------|
| Mode           | Frequency (MHz) | On time (ms) | On+off time (ms) | Duty cycle (%) | Duty Factor (dB) | 1/T Minimum VBW (kHz) |
| 802.11b        | 2412            | 0.679        | 2.271            | 29.903         | 5.243            | 1.473                 |
| 802.11g        | 2412            | 3.160        | 4.140            | 76.329         | 1.173            | 0.316                 |
| 802.11n HT20   | 2412            | 5.467        | 7.033            | 77.734         | 1.094            | 0.183                 |
| 802.11n HT40   | 2422            | 4.900        | 6.400            | 76.563         | 1.160            | 0.204                 |
| 802.11ax HE20  | 2412            | 5.533        | 7.100            | 77.930         | 1.083            | 0.181                 |
| 802.11ax HE40  | 2422            | 5.500        | 7.033            | 78.203         | 1.068            | 0.182                 |
| 802.11be EHT20 | 2412            | 5.500        | 6.867            | 80.093         | 0.964            | 0.182                 |
| 802.11be EHT40 | 2422            | 5.533        | 6.900            | 80.188         | 0.959            | 0.181                 |

| 2.4 GHz Band   |    |                |                                |       |       |       |                 |
|----------------|----|----------------|--------------------------------|-------|-------|-------|-----------------|
| Mode           | CH | Freq.<br>(MHz) | RF power setting<br>in Test SW |       |       |       | Test SW Version |
|                |    |                | Ant-0                          | Ant-1 | Ant-2 | Ant-3 |                 |
| 802.11b        | 1  | 2412           | 24.00                          | 24.00 | -     | -     | QSPR v5.0       |
| 802.11b        | 6  | 2437           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11b        | 11 | 2462           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11g        | 1  | 2412           | 23.00                          | 23.00 | -     | -     |                 |
| 802.11g        | 6  | 2437           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11g        | 11 | 2462           | 22.00                          | 22.00 | -     | -     |                 |
| 802.11n HT20   | 1  | 2412           | 22.00                          | 22.00 | -     | -     |                 |
| 802.11n HT20   | 6  | 2437           | 23.00                          | 23.00 | -     | -     |                 |
| 802.11n HT20   | 11 | 2462           | 22.00                          | 22.00 | -     | -     |                 |
| 802.11n HT40   | 3  | 2422           | 15.00                          | 15.00 | -     | -     |                 |
| 802.11n HT40   | 4  | 2427           | 18.00                          | 18.00 | -     | -     |                 |
| 802.11n HT40   | 6  | 2437           | 20.00                          | 20.00 | -     | -     |                 |
| 802.11n HT40   | 9  | 2452           | 18.00                          | 18.00 | -     | -     |                 |
| 802.11ax HE20  | 1  | 2412           | 22.00                          | 22.00 | -     | -     |                 |
| 802.11ax HE20  | 6  | 2437           | 23.00                          | 23.00 | -     | -     |                 |
| 802.11ax HE20  | 11 | 2462           | 22.00                          | 22.00 | -     | -     |                 |
| 802.11ax HE40  | 3  | 2422           | 15.00                          | 15.00 | -     | -     |                 |
| 802.11ax HE40  | 4  | 2427           | 18.00                          | 18.00 | -     | -     |                 |
| 802.11ax HE40  | 6  | 2437           | 20.00                          | 20.00 | -     | -     |                 |
| 802.11ax HE40  | 9  | 2452           | 18.00                          | 18.00 | -     | -     |                 |
| 802.11be EHT20 | 1  | 2412           | 22.00                          | 22.00 | -     | -     |                 |
| 802.11be EHT20 | 6  | 2437           | 23.00                          | 23.00 | -     | -     |                 |
| 802.11be EHT20 | 11 | 2462           | 22.00                          | 22.00 | -     | -     |                 |
| 802.11be EHT40 | 3  | 2422           | 15.00                          | 15.00 | -     | -     |                 |
| 802.11be EHT40 | 4  | 2427           | 18.00                          | 18.00 | -     | -     |                 |
| 802.11be EHT40 | 6  | 2437           | 20.00                          | 20.00 | -     | -     |                 |
| 802.11be EHT40 | 9  | 2452           | 18.00                          | 18.00 | -     | -     |                 |

| 2.4 GHz Band Config |         |                |           |
|---------------------|---------|----------------|-----------|
| Mode                | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11b             | 1       | 2412           | 1M        |
| 802.11b             | 6       | 2437           | 1M        |
| 802.11b             | 11      | 2462           | 1M        |
| 802.11g             | 1       | 2412           | 6M        |
| 802.11g             | 6       | 2437           | 6M        |
| 802.11g             | 11      | 2462           | 6M        |
| 802.11n HT20        | 1       | 2412           | 13M       |
| 802.11n HT20        | 6       | 2437           | 13M       |
| 802.11n HT20        | 11      | 2462           | 13M       |
| 802.11n HT40        | 3       | 2422           | 27M       |
| 802.11n HT40        | 4       | 2427           | 27M       |
| 802.11n HT40        | 6       | 2437           | 27M       |
| 802.11n HT40        | 9       | 2452           | 27M       |
| 802.11ax HE20       | 1       | 2412           | MCS0      |
| 802.11ax HE20       | 6       | 2437           | MCS0      |
| 802.11ax HE20       | 11      | 2462           | MCS0      |
| 802.11ax HE40       | 3       | 2422           | MCS0      |
| 802.11ax HE40       | 4       | 2427           | MCS0      |
| 802.11ax HE40       | 6       | 2437           | MCS0      |
| 802.11ax HE40       | 9       | 2452           | MCS0      |
| 802.11be EHT20      | 1       | 2412           | MCS0      |
| 802.11be EHT20      | 6       | 2437           | MCS0      |
| 802.11be EHT20      | 11      | 2462           | MCS0      |
| 802.11be EHT40      | 3       | 2422           | MCS0      |
| 802.11be EHT40      | 4       | 2427           | MCS0      |
| 802.11be EHT40      | 6       | 2437           | MCS0      |
| 802.11be EHT40      | 9       | 2452           | MCS0      |

| 2.4 GHz Band   |    |                |                                    |       |       |       |       |                                     |       |       |       |     |                                      |       |       |       |       |
|----------------|----|----------------|------------------------------------|-------|-------|-------|-------|-------------------------------------|-------|-------|-------|-----|--------------------------------------|-------|-------|-------|-------|
| Mode           | CH | Freq.<br>(MHz) | Avg<br>Conducted<br>Power<br>(dBm) |       |       |       |       | Peak<br>Conducted<br>Power<br>(dBm) |       |       |       |     | Conducted<br>Power<br>Limit<br>(dBm) |       |       |       |       |
|                |    |                | Ant-0                              | Ant-1 | Ant-2 | Ant-3 | SUM   | Ant-0                               | Ant-1 | Ant-2 | Ant-3 | SUM | Ant-0                                | Ant-1 | Ant-2 | Ant-3 | SUM   |
| 802.11b        | 1  | 2412           | 23.97                              | 24.32 | -     | -     | 27.16 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11b        | 6  | 2437           | 23.88                              | 23.90 | -     | -     | 26.90 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11b        | 11 | 2462           | 23.68                              | 23.83 | -     | -     | 26.77 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11g        | 1  | 2412           | 22.65                              | 23.22 | -     | -     | 25.95 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11g        | 6  | 2437           | 23.65                              | 23.61 | -     | -     | 26.64 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11g        | 11 | 2462           | 21.68                              | 21.75 | -     | -     | 24.73 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT20   | 1  | 2412           | 22.08                              | 21.83 | -     | -     | 24.97 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT20   | 6  | 2437           | 22.22                              | 21.62 | -     | -     | 24.94 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT20   | 11 | 2462           | 20.92                              | 21.57 | -     | -     | 24.27 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT40   | 3  | 2422           | 15.27                              | 15.30 | -     | -     | 18.30 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT40   | 4  | 2427           | 18.26                              | 18.81 | -     | -     | 21.55 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT40   | 6  | 2437           | 20.31                              | 20.03 | -     | -     | 23.18 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT40   | 9  | 2452           | 18.06                              | 18.47 | -     | -     | 21.28 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE20  | 1  | 2412           | 22.01                              | 21.89 | -     | -     | 24.96 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE20  | 6  | 2437           | 22.78                              | 21.96 | -     | -     | 25.40 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE20  | 11 | 2462           | 21.71                              | 21.29 | -     | -     | 24.52 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE40  | 3  | 2422           | 15.46                              | 15.73 | -     | -     | 18.61 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE40  | 4  | 2427           | 18.08                              | 18.82 | -     | -     | 21.48 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE40  | 6  | 2437           | 20.32                              | 19.87 | -     | -     | 23.11 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE40  | 9  | 2452           | 18.32                              | 18.12 | -     | -     | 21.23 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT20 | 1  | 2412           | 22.15                              | 22.04 | -     | -     | 25.11 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT20 | 6  | 2437           | 22.93                              | 22.13 | -     | -     | 25.56 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT20 | 11 | 2462           | 21.83                              | 21.42 | -     | -     | 24.64 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT40 | 3  | 2422           | 15.55                              | 15.81 | -     | -     | 18.69 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT40 | 4  | 2427           | 18.16                              | 18.93 | -     | -     | 21.57 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT40 | 6  | 2437           | 20.45                              | 19.96 | -     | -     | 23.22 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT40 | 9  | 2452           | 18.45                              | 18.21 | -     | -     | 21.34 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |

| 6 dB Bandwidth |                |                         |       |       |       |                                         |
|----------------|----------------|-------------------------|-------|-------|-------|-----------------------------------------|
| Mode           | Freq.<br>(MHz) | 6 dB Bandwidth<br>(kHz) |       |       |       | 6 dB<br>Bandwidth<br>Min.Limit<br>(kHz) |
|                |                | Ant-0                   | Ant-1 | Ant-2 | Ant-3 |                                         |
| 802.11b        | 2412           | 8129                    | 7060  | -     | -     | ≥ 500                                   |
| 802.11b        | 2437           | 7153                    | 7075  | -     | -     | ≥ 500                                   |
| 802.11b        | 2462           | 7587                    | 8134  | -     | -     | ≥ 500                                   |
| 802.11g        | 2412           | 15170                   | 15170 | -     | -     | ≥ 500                                   |
| 802.11g        | 2437           | 15100                   | 15460 | -     | -     | ≥ 500                                   |
| 802.11g        | 2462           | 15160                   | 15100 | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2412           | 15100                   | 15950 | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2437           | 15720                   | 15050 | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2462           | 15150                   | 15080 | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2422           | 35160                   | 35110 | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2427           | 35110                   | 35100 | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2437           | 35100                   | 33910 | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2452           | 35100                   | 35160 | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2412           | 15100                   | 16740 | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2437           | 16310                   | 18470 | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2462           | 15090                   | 17900 | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2422           | 36280                   | 35160 | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2427           | 35150                   | 36310 | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2437           | 36500                   | 35160 | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2452           | 36510                   | 35120 | -     | -     | ≥ 500                                   |

| 99 % Occupied BW |                |                           |        |       |       |
|------------------|----------------|---------------------------|--------|-------|-------|
| Mode             | Freq.<br>(MHz) | 99 % Occupied BW<br>(MHz) |        |       |       |
|                  |                | Ant-0                     | Ant-1  | Ant-2 | Ant-3 |
| 802.11b          | 2412           | 13.014                    | 13.474 | -     | -     |
| 802.11b          | 2437           | 13.228                    | 13.372 | -     | -     |
| 802.11b          | 2462           | 13.213                    | 13.006 | -     | -     |
| 802.11g          | 2412           | 16.916                    | 16.738 | -     | -     |
| 802.11g          | 2437           | 17.000                    | 16.773 | -     | -     |
| 802.11g          | 2462           | 16.875                    | 16.837 | -     | -     |
| 802.11n HT20     | 2412           | 17.720                    | 18.099 | -     | -     |
| 802.11n HT20     | 2437           | 18.078                    | 17.622 | -     | -     |
| 802.11n HT20     | 2462           | 18.035                    | 17.691 | -     | -     |
| 802.11n HT40     | 2422           | 37.069                    | 36.710 | -     | -     |
| 802.11n HT40     | 2427           | 37.088                    | 36.767 | -     | -     |
| 802.11n HT40     | 2437           | 37.162                    | 36.702 | -     | -     |
| 802.11n HT40     | 2452           | 37.063                    | 36.655 | -     | -     |
| 802.11be EHT20   | 2412           | 18.881                    | 19.096 | -     | -     |
| 802.11be EHT20   | 2437           | 18.888                    | 19.159 | -     | -     |
| 802.11be EHT20   | 2462           | 18.911                    | 19.087 | -     | -     |
| 802.11be EHT40   | 2422           | 38.132                    | 37.930 | -     | -     |
| 802.11be EHT40   | 2427           | 37.955                    | 38.287 | -     | -     |
| 802.11be EHT40   | 2437           | 38.180                    | 37.909 | -     | -     |
| 802.11be EHT40   | 2452           | 38.167                    | 37.930 | -     | -     |

| Maximum Power Spectral Density Measurement |                |                            |        |       |       |       |                           |       |       |       |      |
|--------------------------------------------|----------------|----------------------------|--------|-------|-------|-------|---------------------------|-------|-------|-------|------|
| Mode                                       | Freq.<br>(MHz) | Measurement<br>(dBm/3 kHz) |        |       |       |       | Max.Limit<br>(dBm/ 3 kHz) |       |       |       |      |
|                                            |                | Ant-0                      | Ant-1  | Ant-2 | Ant-3 | SUM   | Ant-0                     | Ant-1 | Ant-2 | Ant-3 | SUM  |
| 802.11b                                    | 2412           | -0.95                      | 2.18   | -     | -     | 3.90  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11b                                    | 2437           | 0.33                       | 0.30   | -     | -     | 3.33  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11b                                    | 2462           | 0.13                       | -0.80  | -     | -     | 2.70  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11g                                    | 2412           | -3.86                      | -1.87  | -     | -     | 0.26  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11g                                    | 2437           | -1.43                      | -2.36  | -     | -     | 1.14  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11g                                    | 2462           | -3.60                      | -2.33  | -     | -     | 0.09  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT20                               | 2412           | -1.40                      | -1.34  | -     | -     | 1.64  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT20                               | 2437           | -1.88                      | 0.86   | -     | -     | 2.71  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT20                               | 2462           | -2.16                      | 0.10   | -     | -     | 2.13  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT40                               | 2422           | -11.63                     | -10.91 | -     | -     | -8.24 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT40                               | 2427           | -8.62                      | -8.19  | -     | -     | -5.39 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT40                               | 2437           | -7.20                      | -7.21  | -     | -     | -4.19 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT40                               | 2452           | -8.92                      | -8.40  | -     | -     | -5.64 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT20                             | 2412           | -1.35                      | -3.05  | -     | -     | 0.89  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT20                             | 2437           | -0.77                      | -2.61  | -     | -     | 1.42  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT20                             | 2462           | -1.66                      | -3.53  | -     | -     | 0.52  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT40                             | 2422           | -11.61                     | -12.24 | -     | -     | -8.90 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT40                             | 2427           | -10.03                     | -8.07  | -     | -     | -5.93 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT40                             | 2437           | -6.02                      | -8.41  | -     | -     | -4.04 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT40                             | 2452           | -8.85                      | -10.62 | -     | -     | -6.64 | 8.00                      | 8.00  | -     | -     | 8.00 |

## Beamforming on

## Duty cycle

| Mode           | Frequency (MHz) | On time (ms) | On+off time (ms) | Duty cycle (%) | Duty Factor (dB) | 1/T Minimum VBW (kHz) |
|----------------|-----------------|--------------|------------------|----------------|------------------|-----------------------|
| 802.11n HT20   | 2412            | 1.981        | 2.049            | 96.681         | 0.147            | 0.505                 |
| 802.11n HT40   | 2422            | 0.918        | 0.978            | 93.865         | 0.275            | 1.089                 |
| 802.11ax HE20  | 2412            | 1.176        | 1.377            | 85.403         | 0.685            | 0.850                 |
| 802.11ax HE40  | 2422            | 1.272        | 1.329            | 95.711         | 0.190            | 0.786                 |
| 802.11be EHT20 | 2412            | 1.465        | 1.585            | 92.429         | 0.342            | 0.683                 |
| 802.11be EHT40 | 2422            | 0.714        | 0.867            | 82.353         | 0.843            | 1.401                 |

| 2.4 GHz Band   |    |                |                                |       |       |       |                 |
|----------------|----|----------------|--------------------------------|-------|-------|-------|-----------------|
| Mode           | CH | Freq.<br>(MHz) | RF power setting<br>in Test SW |       |       |       | Test SW Version |
|                |    |                | Ant-0                          | Ant-1 | Ant-2 | Ant-3 |                 |
| 802.11n HT20   | 1  | 2412           | 24.00                          | 24.00 | -     | -     | QSPR v5.0       |
| 802.11n HT20   | 6  | 2437           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11n HT20   | 10 | 2457           | 21.00                          | 21.00 | -     | -     |                 |
| 802.11n HT20   | 11 | 2462           | 19.00                          | 19.00 | -     | -     |                 |
| 802.11n HT40   | 3  | 2422           | 21.00                          | 21.00 | -     | -     |                 |
| 802.11n HT40   | 6  | 2437           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11n HT40   | 9  | 2452           | 21.00                          | 21.00 | -     | -     |                 |
| 802.11ax HE20  | 1  | 2412           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11ax HE20  | 6  | 2437           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11ax HE20  | 10 | 2457           | 21.00                          | 21.00 | -     | -     |                 |
| 802.11ax HE20  | 11 | 2462           | 19.00                          | 19.00 | -     | -     |                 |
| 802.11ax HE40  | 3  | 2422           | 21.00                          | 21.00 | -     | -     |                 |
| 802.11ax HE40  | 6  | 2437           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11ax HE40  | 9  | 2452           | 21.00                          | 21.00 | -     | -     |                 |
| 802.11be EHT20 | 1  | 2412           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11be EHT20 | 6  | 2437           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11be EHT20 | 10 | 2457           | 21.00                          | 21.00 | -     | -     |                 |
| 802.11be EHT20 | 11 | 2462           | 19.00                          | 19.00 | -     | -     |                 |
| 802.11be EHT40 | 3  | 2422           | 21.00                          | 21.00 | -     | -     |                 |
| 802.11be EHT40 | 6  | 2437           | 24.00                          | 24.00 | -     | -     |                 |
| 802.11be EHT40 | 9  | 2452           | 21.00                          | 21.00 | -     | -     |                 |

| 2.4 GHz Band Config |         |                |           |
|---------------------|---------|----------------|-----------|
| Mode                | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11n HT20        | 1       | 2412           | 13M       |
| 802.11n HT20        | 6       | 2437           | 13M       |
| 802.11n HT20        | 10      | 2457           | 13M       |
| 802.11n HT20        | 11      | 2462           | 13M       |
| 802.11n HT40        | 3       | 2422           | 27M       |
| 802.11n HT40        | 6       | 2437           | 27M       |
| 802.11n HT40        | 9       | 2452           | 27M       |
| 802.11ax HE20       | 1       | 2412           | MCS0      |
| 802.11ax HE20       | 6       | 2437           | MCS0      |
| 802.11ax HE20       | 10      | 2457           | MCS0      |
| 802.11ax HE20       | 11      | 2462           | MCS0      |
| 802.11ax HE40       | 3       | 2422           | MCS0      |
| 802.11ax HE40       | 6       | 2437           | MCS0      |
| 802.11ax HE40       | 9       | 2452           | MCS0      |
| 802.11be EHT20      | 1       | 2412           | MCS0      |
| 802.11be EHT20      | 6       | 2437           | MCS0      |
| 802.11be EHT20      | 10      | 2457           | MCS0      |
| 802.11be EHT20      | 11      | 2462           | MCS0      |
| 802.11be EHT40      | 3       | 2422           | MCS0      |
| 802.11be EHT40      | 6       | 2437           | MCS0      |
| 802.11be EHT40      | 9       | 2452           | MCS0      |

| 2.4 GHz Band   |    |                |                                    |       |       |       |       |                                     |       |       |       |     |                                      |       |       |       |       |
|----------------|----|----------------|------------------------------------|-------|-------|-------|-------|-------------------------------------|-------|-------|-------|-----|--------------------------------------|-------|-------|-------|-------|
| Mode           | CH | Freq.<br>(MHz) | Avg<br>Conducted<br>Power<br>(dBm) |       |       |       |       | Peak<br>Conducted<br>Power<br>(dBm) |       |       |       |     | Conducted<br>Power<br>Limit<br>(dBm) |       |       |       |       |
|                |    |                | Ant-0                              | Ant-1 | Ant-2 | Ant-3 | SUM   | Ant-0                               | Ant-1 | Ant-2 | Ant-3 | SUM | Ant-0                                | Ant-1 | Ant-2 | Ant-3 | SUM   |
| 802.11n HT20   | 1  | 2412           | 19.00                              | 19.77 | -     | -     | 22.41 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT20   | 6  | 2437           | 19.32                              | 19.15 | -     | -     | 22.25 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT20   | 10 | 2457           | 18.63                              | 18.42 | -     | -     | 21.54 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT20   | 11 | 2462           | 16.44                              | 16.34 | -     | -     | 19.40 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT40   | 3  | 2422           | 18.40                              | 18.81 | -     | -     | 21.62 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT40   | 6  | 2437           | 21.17                              | 21.35 | -     | -     | 24.27 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11n HT40   | 9  | 2452           | 18.42                              | 18.97 | -     | -     | 21.71 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE20  | 1  | 2412           | 19.10                              | 19.45 | -     | -     | 22.29 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE20  | 6  | 2437           | 19.22                              | 18.92 | -     | -     | 22.08 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE20  | 10 | 2457           | 18.28                              | 18.43 | -     | -     | 21.37 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE20  | 11 | 2462           | 16.25                              | 16.20 | -     | -     | 19.24 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE40  | 3  | 2422           | 18.21                              | 18.72 | -     | -     | 21.48 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE40  | 6  | 2437           | 21.44                              | 21.09 | -     | -     | 24.28 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11ax HE40  | 9  | 2452           | 18.55                              | 18.54 | -     | -     | 21.56 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT20 | 1  | 2412           | 19.23                              | 19.59 | -     | -     | 22.42 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT20 | 6  | 2437           | 19.36                              | 19.17 | -     | -     | 22.28 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT20 | 10 | 2457           | 18.43                              | 18.68 | -     | -     | 21.57 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT20 | 11 | 2462           | 16.35                              | 16.46 | -     | -     | 19.42 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT40 | 3  | 2422           | 18.42                              | 18.90 | -     | -     | 21.68 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT40 | 6  | 2437           | 21.70                              | 21.30 | -     | -     | 24.51 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |
| 802.11be EHT40 | 9  | 2452           | 18.77                              | 18.68 | -     | -     | 21.74 | -                                   | -     | -     | -     | -   | 30.00                                | 30.00 | -     | -     | 30.00 |

| 6 dB Bandwidth |                |                         |       |       |       |                                         |
|----------------|----------------|-------------------------|-------|-------|-------|-----------------------------------------|
| Mode           | Freq.<br>(MHz) | 6 dB Bandwidth<br>(kHz) |       |       |       | 6 dB<br>Bandwidth<br>Min.Limit<br>(kHz) |
|                |                | Ant-0                   | Ant-1 | Ant-2 | Ant-3 |                                         |
| 802.11n HT20   | 2412           | 15030                   | 15710 | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2437           | 15120                   | 13800 | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2457           | 17270                   | 17370 | -     | -     | ≥ 500                                   |
| 802.11n HT20   | 2462           | 17540                   | 17650 | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2422           | 33720                   | 36410 | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2437           | 31340                   | 35150 | -     | -     | ≥ 500                                   |
| 802.11n HT40   | 2452           | 36280                   | 33630 | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2412           | 13870                   | 15130 | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2437           | 15050                   | 15150 | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2457           | 18530                   | 18630 | -     | -     | ≥ 500                                   |
| 802.11be EHT20 | 2462           | 19040                   | 18820 | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2422           | 36530                   | 31360 | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2437           | 32590                   | 34510 | -     | -     | ≥ 500                                   |
| 802.11be EHT40 | 2452           | 34480                   | 36990 | -     | -     | ≥ 500                                   |

| 99 % Occupied BW |                |                           |        |       |       |
|------------------|----------------|---------------------------|--------|-------|-------|
| Mode             | Freq.<br>(MHz) | 99 % Occupied BW<br>(MHz) |        |       |       |
|                  |                | Ant-0                     | Ant-1  | Ant-2 | Ant-3 |
| 802.11n HT20     | 2412           | 17.842                    | 17.807 | -     | -     |
| 802.11n HT20     | 2437           | 17.828                    | 17.814 | -     | -     |
| 802.11n HT20     | 2457           | 17.857                    | 17.914 | -     | -     |
| 802.11n HT20     | 2462           | 17.880                    | 17.888 | -     | -     |
| 802.11n HT40     | 2422           | 37.585                    | 37.596 | -     | -     |
| 802.11n HT40     | 2437           | 37.506                    | 37.372 | -     | -     |
| 802.11n HT40     | 2452           | 37.227                    | 37.365 | -     | -     |
| 802.11be EHT20   | 2412           | 19.038                    | 19.049 | -     | -     |
| 802.11be EHT20   | 2437           | 19.054                    | 19.044 | -     | -     |
| 802.11be EHT20   | 2457           | 19.112                    | 19.088 | -     | -     |
| 802.11be EHT20   | 2462           | 19.114                    | 19.111 | -     | -     |
| 802.11be EHT40   | 2422           | 38.324                    | 38.325 | -     | -     |
| 802.11be EHT40   | 2437           | 38.153                    | 38.253 | -     | -     |
| 802.11be EHT40   | 2452           | 38.573                    | 38.653 | -     | -     |

| Maximum Power Spectral Density Measurement |                |                            |       |       |       |       |                           |       |       |       |      |
|--------------------------------------------|----------------|----------------------------|-------|-------|-------|-------|---------------------------|-------|-------|-------|------|
| Mode                                       | Freq.<br>(MHz) | Measurement<br>(dBm/3 kHz) |       |       |       |       | Max.Limit<br>(dBm/ 3 kHz) |       |       |       |      |
|                                            |                | Ant-0                      | Ant-1 | Ant-2 | Ant-3 | SUM   | Ant-0                     | Ant-1 | Ant-2 | Ant-3 | SUM  |
| 802.11n HT20                               | 2412           | -3.47                      | -2.76 | -     | -     | -0.09 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT20                               | 2437           | -2.51                      | -1.85 | -     | -     | 0.84  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT20                               | 2457           | -6.10                      | -6.21 | -     | -     | -3.14 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT20                               | 2462           | -7.50                      | -8.92 | -     | -     | -5.14 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT40                               | 2422           | -3.91                      | -5.45 | -     | -     | -1.60 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT40                               | 2437           | -1.99                      | -3.26 | -     | -     | 0.43  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11n HT40                               | 2452           | -6.83                      | -6.56 | -     | -     | -3.68 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT20                             | 2412           | -2.43                      | -1.97 | -     | -     | 0.82  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT20                             | 2437           | -1.78                      | -3.22 | -     | -     | 0.57  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT20                             | 2457           | -5.78                      | -6.11 | -     | -     | -2.93 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT20                             | 2462           | -8.75                      | -7.81 | -     | -     | -5.24 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT40                             | 2422           | -5.76                      | -4.03 | -     | -     | -1.80 | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT40                             | 2437           | -0.53                      | -2.12 | -     | -     | 1.76  | 8.00                      | 8.00  | -     | -     | 8.00 |
| 802.11be EHT40                             | 2452           | -4.94                      | -4.62 | -     | -     | -1.77 | 8.00                      | 8.00  | -     | -     | 8.00 |