

## Appendix A. Test Data

| Duty cycle     |                 |              |                  |                |                  |                       |
|----------------|-----------------|--------------|------------------|----------------|------------------|-----------------------|
| Mode           | Frequency (MHz) | on time (ms) | on+off time (ms) | Duty cycle (%) | Duty Factor (dB) | 1/T Minimum VBW (kHz) |
| 802.11a        | 5180            | 1.992        | 2.058            | 96.793         | 0.142            | 0.502                 |
| 802.11n HT20   | 5180            | 5.480        | 5.760            | 95.139         | 0.216            | 0.182                 |
| 802.11n HT40   | 5190            | 5.460        | 5.730            | 95.288         | 0.210            | 0.183                 |
| 802.11ac VHT20 | 5180            | 5.460        | 5.740            | 95.122         | 0.217            | 0.183                 |
| 802.11ac VHT40 | 5190            | 5.460        | 5.700            | 95.789         | 0.187            | 0.183                 |
| 802.11ac VHT80 | 5210            | 5.480        | 5.740            | 95.470         | 0.201            | 0.182                 |
| 802.11ax HE20  | 5180            | 5.500        | 5.760            | 95.486         | 0.201            | 0.182                 |
| 802.11ax HE40  | 5190            | 5.480        | 5.720            | 95.804         | 0.186            | 0.182                 |
| 802.11ax HE80  | 5210            | 5.480        | 5.760            | 95.139         | 0.216            | 0.182                 |

RF power setting in Test SW

| Mode         | CH  | Frequency (MHz) | Ant-0 | Ant-1 | Ant-2 | Ant-3 | Test SW Version       |
|--------------|-----|-----------------|-------|-------|-------|-------|-----------------------|
| 802.11a      | 36  | 5180            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|              | 40  | 5200            | 18    | 18    | -     | -     |                       |
|              | 48  | 5240            | 18    | 18    | -     | -     |                       |
|              | 52  | 5260            | 17    | 17    | -     | -     |                       |
|              | 56  | 5280            | 17    | 17    | -     | -     |                       |
|              | 64  | 5320            | 17    | 17    | -     | -     |                       |
|              | 100 | 5500            | 17.5  | 17.5  | -     | -     |                       |
|              | 112 | 5560            | 17.5  | 17.5  | -     | -     |                       |
|              | 140 | 5700            | 17.5  | 17.5  | -     | -     |                       |
|              | 144 | 5720            | 18    | 18    | -     | -     |                       |
|              | 149 | 5745            | 18    | 18    | -     | -     |                       |
|              | 157 | 5785            | 18    | 18    | -     | -     |                       |
|              | 165 | 5825            | 18    | 18    | -     | -     |                       |
| 802.11n HT20 | 36  | 5180            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|              | 40  | 5200            | 18    | 18    | -     | -     |                       |
|              | 48  | 5240            | 18    | 18    | -     | -     |                       |
|              | 52  | 5260            | 18    | 18    | -     | -     |                       |
|              | 56  | 5280            | 18    | 18    | -     | -     |                       |
|              | 64  | 5320            | 18    | 18    | -     | -     |                       |
|              | 100 | 5500            | 18    | 18    | -     | -     |                       |
|              | 112 | 5560            | 18    | 18    | -     | -     |                       |
|              | 140 | 5700            | 18    | 18    | -     | -     |                       |
|              | 144 | 5720            | 18    | 18    | -     | -     |                       |
|              | 149 | 5745            | 18    | 18    | -     | -     |                       |
|              | 157 | 5785            | 18    | 18    | -     | -     |                       |
|              | 165 | 5825            | 18    | 18    | -     | -     |                       |
| 802.11n HT40 | 38  | 5190            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|              | 46  | 5230            | 18    | 18    | -     | -     |                       |
|              | 54  | 5270            | 18    | 18    | -     | -     |                       |
|              | 62  | 5310            | 18    | 18    | -     | -     |                       |
|              | 102 | 5510            | 18    | 18    | -     | -     |                       |
|              | 110 | 5550            | 18    | 18    | -     | -     |                       |
|              | 134 | 5670            | 18    | 18    | -     | -     |                       |
|              | 142 | 5710            | 18    | 18    | -     | -     |                       |
|              | 151 | 5755            | 18    | 18    | -     | -     |                       |
|              | 159 | 5795            | 18    | 18    | -     | -     |                       |

RF power setting in Test SW

| Mode           | CH  | Frequency (MHz) | Ant-0 | Ant-1 | Ant-2 | Ant-3 | Test SW Version       |
|----------------|-----|-----------------|-------|-------|-------|-------|-----------------------|
| 802.11ac VHT20 | 36  | 5180            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|                | 40  | 5200            | 18    | 18    | -     | -     |                       |
|                | 48  | 5240            | 18    | 18    | -     | -     |                       |
|                | 52  | 5260            | 18    | 18    | -     | -     |                       |
|                | 56  | 5280            | 18    | 18    | -     | -     |                       |
|                | 64  | 5320            | 18    | 18    | -     | -     |                       |
|                | 100 | 5500            | 18    | 18    | -     | -     |                       |
|                | 112 | 5560            | 18    | 18    | -     | -     |                       |
|                | 140 | 5700            | 18    | 18    | -     | -     |                       |
|                | 144 | 5720            | 18    | 18    | -     | -     |                       |
|                | 149 | 5745            | 18    | 18    | -     | -     |                       |
|                | 157 | 5785            | 18    | 18    | -     | -     |                       |
|                | 165 | 5825            | 18    | 18    | -     | -     |                       |
| 802.11ac VHT40 | 38  | 5190            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|                | 46  | 5230            | 18    | 18    | -     | -     |                       |
|                | 54  | 5270            | 18    | 18    | -     | -     |                       |
|                | 62  | 5310            | 18    | 18    | -     | -     |                       |
|                | 102 | 5510            | 18    | 18    | -     | -     |                       |
|                | 110 | 5550            | 18    | 18    | -     | -     |                       |
|                | 134 | 5670            | 18    | 18    | -     | -     |                       |
|                | 142 | 5710            | 18    | 18    | -     | -     |                       |
|                | 151 | 5755            | 18    | 18    | -     | -     |                       |
|                | 159 | 5795            | 18    | 18    | -     | -     |                       |
| 802.11ac VHT80 | 42  | 5210            | 17.5  | 17.5  | -     | -     | QSPR Version5.0.00202 |
|                | 58  | 5290            | 17.5  | 17.5  | -     | -     |                       |
|                | 106 | 5530            | 17.5  | 17.5  | -     | -     |                       |
|                | 122 | 5610            | 18    | 18    | -     | -     |                       |
|                | 138 | 5690            | 18    | 18    | -     | -     |                       |
|                | 155 | 5775            | 18    | 18    | -     | -     |                       |

RF power setting in Test SW

| Mode          | CH  | Frequency (MHz) | Ant-0 | Ant-1 | Ant-2 | Ant-3 | Test SW Version       |
|---------------|-----|-----------------|-------|-------|-------|-------|-----------------------|
| 802.11ax HE20 | 36  | 5180            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|               | 40  | 5200            | 18    | 18    | -     | -     |                       |
|               | 48  | 5240            | 18    | 18    | -     | -     |                       |
|               | 52  | 5260            | 18    | 18    | -     | -     |                       |
|               | 56  | 5280            | 18    | 18    | -     | -     |                       |
|               | 64  | 5320            | 18    | 18    | -     | -     |                       |
|               | 100 | 5500            | 18    | 18    | -     | -     |                       |
|               | 112 | 5560            | 18    | 18    | -     | -     |                       |
|               | 140 | 5700            | 18    | 18    | -     | -     |                       |
|               | 144 | 5720            | 18    | 18    | -     | -     |                       |
|               | 149 | 5745            | 18    | 18    | -     | -     |                       |
|               | 157 | 5785            | 18    | 18    | -     | -     |                       |
|               | 165 | 5825            | 18    | 18    | -     | -     |                       |
| 802.11ax HE40 | 38  | 5190            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|               | 46  | 5230            | 18    | 18    | -     | -     |                       |
|               | 54  | 5270            | 18    | 18    | -     | -     |                       |
|               | 62  | 5310            | 18    | 18    | -     | -     |                       |
|               | 102 | 5510            | 18    | 18    | -     | -     |                       |
|               | 110 | 5550            | 18    | 18    | -     | -     |                       |
|               | 134 | 5670            | 18    | 18    | -     | -     |                       |
|               | 142 | 5710            | 18    | 18    | -     | -     |                       |
|               | 151 | 5755            | 18    | 18    | -     | -     |                       |
|               | 159 | 5795            | 18    | 18    | -     | -     |                       |
| 802.11ax HE80 | 42  | 5210            | 17.5  | 17.5  | -     | -     | QSPR Version5.0.00202 |
|               | 58  | 5290            | 17.5  | 17.5  | -     | -     |                       |
|               | 106 | 5530            | 17.5  | 17.5  | -     | -     |                       |
|               | 122 | 5610            | 18    | 18    | -     | -     |                       |
|               | 138 | 5690            | 18    | 18    | -     | -     |                       |
|               | 155 | 5775            | 18    | 18    | -     | -     |                       |

| Maximum Conducted Output Power Measurement |     |                 |               |       |       |       |       |       |
|--------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
| Mode                                       | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|                                            |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                                            |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   |       |
| 802.11a                                    | 36  | 5180            | 18.21         | 17.94 | -     | -     | 21.09 | 29.80 |
|                                            | 40  | 5200            | 18.17         | 17.93 | -     | -     | 21.06 | 29.80 |
|                                            | 48  | 5240            | 17.84         | 17.52 | -     | -     | 20.69 | 29.80 |
|                                            | 52  | 5260            | 17.44         | 17.04 | -     | -     | 20.25 | 23.80 |
|                                            | 56  | 5280            | 17.32         | 16.95 | -     | -     | 20.15 | 23.80 |
|                                            | 64  | 5320            | 17.15         | 17.06 | -     | -     | 20.12 | 23.80 |
|                                            | 100 | 5500            | 17.81         | 17.96 | -     | -     | 20.90 | 24.00 |
|                                            | 112 | 5560            | 18.20         | 18.24 | -     | -     | 21.23 | 24.00 |
|                                            | 140 | 5700            | 17.63         | 17.42 | -     | -     | 20.54 | 24.00 |
|                                            | 144 | 5720            | 17.57         | 17.51 | -     | -     | 20.55 | 22.83 |
|                                            | 149 | 5745            | 17.73         | 17.76 | -     | -     | 20.76 | 30.00 |
|                                            | 157 | 5785            | 18.63         | 18.13 | -     | -     | 21.40 | 30.00 |
|                                            | 165 | 5825            | 18.76         | 18.53 | -     | -     | 21.66 | 30.00 |
| 802.11n HT20                               | 36  | 5180            | 17.49         | 17.05 | -     | -     | 20.29 | 29.80 |
|                                            | 40  | 5200            | 17.51         | 17.14 | -     | -     | 20.34 | 29.80 |
|                                            | 48  | 5240            | 17.35         | 17.04 | -     | -     | 20.21 | 29.80 |
|                                            | 52  | 5260            | 17.42         | 17.32 | -     | -     | 20.38 | 23.80 |
|                                            | 56  | 5280            | 17.13         | 17.16 | -     | -     | 20.16 | 23.80 |
|                                            | 64  | 5320            | 17.24         | 17.07 | -     | -     | 20.17 | 23.80 |
|                                            | 100 | 5500            | 17.62         | 17.03 | -     | -     | 20.35 | 24.00 |
|                                            | 112 | 5560            | 17.77         | 17.44 | -     | -     | 20.62 | 24.00 |
|                                            | 140 | 5700            | 17.36         | 17.16 | -     | -     | 20.27 | 24.00 |
|                                            | 144 | 5720            | 17.13         | 17.16 | -     | -     | 20.16 | 22.94 |
|                                            | 149 | 5745            | 17.47         | 17.42 | -     | -     | 20.46 | 30.00 |
|                                            | 157 | 5785            | 17.91         | 17.52 | -     | -     | 20.73 | 30.00 |
|                                            | 165 | 5825            | 18.29         | 18.10 | -     | -     | 21.21 | 30.00 |
| 802.11n HT40                               | 38  | 5190            | 17.89         | 17.42 | -     | -     | 20.67 | 29.80 |
|                                            | 46  | 5230            | 17.82         | 17.42 | -     | -     | 20.63 | 29.80 |
|                                            | 54  | 5270            | 17.72         | 17.22 | -     | -     | 20.49 | 23.80 |
|                                            | 62  | 5310            | 17.59         | 17.05 | -     | -     | 20.34 | 23.80 |
|                                            | 102 | 5510            | 18.17         | 17.55 | -     | -     | 20.88 | 24.00 |
|                                            | 110 | 5550            | 18.32         | 17.72 | -     | -     | 21.04 | 24.00 |
|                                            | 134 | 5670            | 17.89         | 17.22 | -     | -     | 20.58 | 24.00 |
|                                            | 142 | 5710            | 17.47         | 17.49 | -     | -     | 20.49 | 24.00 |
|                                            | 151 | 5755            | 17.71         | 17.61 | -     | -     | 20.67 | 30.00 |
|                                            | 159 | 5795            | 18.33         | 18.18 | -     | -     | 21.27 | 30.00 |

| Maximum Conducted Output Power Measurement |     |                 |               |       |       |       |       |       |
|--------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
| Mode                                       | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|                                            |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                                            |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   |       |
| 802.11ac VHT20                             | 36  | 5180            | 17.60         | 17.14 | -     | -     | 20.39 | 29.80 |
|                                            | 40  | 5200            | 17.51         | 17.07 | -     | -     | 20.31 | 29.80 |
|                                            | 48  | 5240            | 17.44         | 17.15 | -     | -     | 20.31 | 29.80 |
|                                            | 52  | 5260            | 17.34         | 17.39 | -     | -     | 20.38 | 23.80 |
|                                            | 56  | 5280            | 17.29         | 17.23 | -     | -     | 20.27 | 23.80 |
|                                            | 64  | 5320            | 17.30         | 17.15 | -     | -     | 20.24 | 23.80 |
|                                            | 100 | 5500            | 17.52         | 17.06 | -     | -     | 20.31 | 24.00 |
|                                            | 112 | 5560            | 17.91         | 17.36 | -     | -     | 20.65 | 24.00 |
|                                            | 140 | 5700            | 17.54         | 17.19 | -     | -     | 20.38 | 24.00 |
|                                            | 144 | 5720            | 17.27         | 17.16 | -     | -     | 20.23 | 22.94 |
|                                            | 149 | 5745            | 17.51         | 17.61 | -     | -     | 20.57 | 30.00 |
|                                            | 157 | 5785            | 18.13         | 17.55 | -     | -     | 20.86 | 30.00 |
|                                            | 165 | 5825            | 18.33         | 18.06 | -     | -     | 21.21 | 30.00 |
| 802.11ac VHT40                             | 38  | 5190            | 17.93         | 17.62 | -     | -     | 20.79 | 29.80 |
|                                            | 46  | 5230            | 17.84         | 17.37 | -     | -     | 20.62 | 29.80 |
|                                            | 54  | 5270            | 17.79         | 17.31 | -     | -     | 20.57 | 23.80 |
|                                            | 62  | 5310            | 17.76         | 17.09 | -     | -     | 20.45 | 23.80 |
|                                            | 102 | 5510            | 18.14         | 17.60 | -     | -     | 20.89 | 24.00 |
|                                            | 110 | 5550            | 18.27         | 17.76 | -     | -     | 21.03 | 24.00 |
|                                            | 134 | 5670            | 18.00         | 17.34 | -     | -     | 20.69 | 24.00 |
|                                            | 142 | 5710            | 17.65         | 17.44 | -     | -     | 20.56 | 24.00 |
|                                            | 151 | 5755            | 17.72         | 17.58 | -     | -     | 20.66 | 30.00 |
|                                            | 159 | 5795            | 18.48         | 18.19 | -     | -     | 21.35 | 30.00 |
| 802.11ac VHT80                             | 42  | 5210            | 17.26         | 17.12 | -     | -     | 20.20 | 29.80 |
|                                            | 58  | 5290            | 16.89         | 16.73 | -     | -     | 19.82 | 23.80 |
|                                            | 106 | 5530            | 17.52         | 17.18 | -     | -     | 20.36 | 24.00 |
|                                            | 122 | 5610            | 17.61         | 17.32 | -     | -     | 20.48 | 24.00 |
|                                            | 138 | 5690            | 17.58         | 17.36 | -     | -     | 20.48 | 24.00 |
|                                            | 155 | 5775            | 17.77         | 17.41 | -     | -     | 20.60 | 30.00 |

| Maximum Conducted Output Power Measurement |     |                 |               |       |       |       |       |       |
|--------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
| Mode                                       | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|                                            |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                                            |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   |       |
| 802.11ax HE20                              | 36  | 5180            | 17.75         | 17.36 | -     | -     | 20.57 | 29.80 |
|                                            | 40  | 5200            | 17.66         | 17.34 | -     | -     | 20.51 | 29.80 |
|                                            | 48  | 5240            | 17.60         | 17.32 | -     | -     | 20.47 | 29.80 |
|                                            | 52  | 5260            | 17.62         | 17.56 | -     | -     | 20.60 | 23.80 |
|                                            | 56  | 5280            | 17.48         | 17.49 | -     | -     | 20.50 | 23.80 |
|                                            | 64  | 5320            | 17.41         | 17.42 | -     | -     | 20.43 | 23.80 |
|                                            | 100 | 5500            | 17.82         | 17.35 | -     | -     | 20.60 | 24.00 |
|                                            | 112 | 5560            | 18.11         | 17.64 | -     | -     | 20.89 | 24.00 |
|                                            | 140 | 5700            | 17.66         | 17.34 | -     | -     | 20.51 | 24.00 |
|                                            | 144 | 5720            | 17.38         | 17.39 | -     | -     | 20.40 | 22.94 |
|                                            | 149 | 5745            | 17.76         | 17.74 | -     | -     | 20.76 | 30.00 |
|                                            | 157 | 5785            | 18.24         | 17.72 | -     | -     | 21.00 | 30.00 |
|                                            | 165 | 5825            | 18.46         | 18.29 | -     | -     | 21.39 | 30.00 |
| 802.11ax HE40                              | 38  | 5190            | 18.20         | 17.75 | -     | -     | 20.99 | 29.80 |
|                                            | 46  | 5230            | 18.07         | 17.67 | -     | -     | 20.88 | 29.80 |
|                                            | 54  | 5270            | 18.04         | 17.51 | -     | -     | 20.79 | 23.80 |
|                                            | 62  | 5310            | 17.91         | 17.31 | -     | -     | 20.63 | 23.80 |
|                                            | 102 | 5510            | 18.39         | 17.81 | -     | -     | 21.12 | 24.00 |
|                                            | 110 | 5550            | 18.52         | 18.03 | -     | -     | 21.29 | 24.00 |
|                                            | 134 | 5670            | 18.12         | 17.54 | -     | -     | 20.85 | 24.00 |
|                                            | 142 | 5710            | 17.78         | 17.69 | -     | -     | 20.75 | 24.00 |
|                                            | 151 | 5755            | 17.92         | 17.85 | -     | -     | 20.90 | 30.00 |
|                                            | 159 | 5795            | 18.62         | 18.43 | -     | -     | 21.54 | 30.00 |
| 802.11ax HE80                              | 42  | 5210            | 17.34         | 17.21 | -     | -     | 20.29 | 29.80 |
|                                            | 58  | 5290            | 17.00         | 16.82 | -     | -     | 19.92 | 23.80 |
|                                            | 106 | 5530            | 17.64         | 17.31 | -     | -     | 20.49 | 24.00 |
|                                            | 122 | 5610            | 17.70         | 17.45 | -     | -     | 20.59 | 24.00 |
|                                            | 138 | 5690            | 17.69         | 17.47 | -     | -     | 20.59 | 24.00 |
|                                            | 155 | 5775            | 17.89         | 17.52 | -     | -     | 20.72 | 30.00 |

| Maximum Conducted Output Power Measurement_Transmit power control |     |                 |               |       |       |       |       |         |                    |                  |
|-------------------------------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|---------|--------------------|------------------|
| Mode                                                              | CH  | Frequency (MHz) | Average power |       |       |       |       | E.I.R.P |                    | EIRP Power Limit |
|                                                                   |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total | Gain    | Calculated Results |                  |
|                                                                   |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dBi     | dBm                |                  |
| 802.11a                                                           | 52  | 5260            | 11.44         | 11.04 | -     | -     | 14.25 | 6.20    | 20.45              | 24.00            |
|                                                                   | 56  | 5280            | 11.32         | 10.95 | -     | -     | 14.15 | 6.20    | 20.35              | 24.00            |
|                                                                   | 64  | 5320            | 11.15         | 11.06 | -     | -     | 14.12 | 6.20    | 20.32              | 24.00            |
|                                                                   | 100 | 5500            | 11.81         | 11.96 | -     | -     | 14.90 | 5.80    | 20.70              | 24.00            |
|                                                                   | 112 | 5560            | 12.20         | 12.24 | -     | -     | 15.23 | 5.80    | 21.03              | 24.00            |
|                                                                   | 140 | 5700            | 11.63         | 11.42 | -     | -     | 14.54 | 5.80    | 20.34              | 24.00            |
|                                                                   | 144 | 5720            | 11.57         | 11.51 | -     | -     | 14.55 | 5.90    | 20.45              | 24.00            |
| 802.11n HT20                                                      | 52  | 5260            | 11.42         | 11.32 | -     | -     | 14.38 | 6.20    | 20.58              | 24.00            |
|                                                                   | 56  | 5280            | 11.13         | 11.16 | -     | -     | 14.16 | 6.20    | 20.36              | 24.00            |
|                                                                   | 64  | 5320            | 11.24         | 11.07 | -     | -     | 14.17 | 6.20    | 20.37              | 24.00            |
|                                                                   | 100 | 5500            | 11.62         | 11.03 | -     | -     | 14.35 | 5.80    | 20.15              | 24.00            |
|                                                                   | 112 | 5560            | 11.77         | 11.44 | -     | -     | 14.62 | 5.80    | 20.42              | 24.00            |
|                                                                   | 140 | 5700            | 11.36         | 11.16 | -     | -     | 14.27 | 5.80    | 20.07              | 24.00            |
|                                                                   | 144 | 5720            | 11.13         | 11.16 | -     | -     | 14.16 | 5.90    | 20.06              | 24.00            |
| 802.11n HT40                                                      | 54  | 5270            | 11.72         | 11.22 | -     | -     | 14.49 | 6.20    | 20.69              | 24.00            |
|                                                                   | 62  | 5310            | 11.59         | 11.05 | -     | -     | 14.34 | 6.20    | 20.54              | 24.00            |
|                                                                   | 102 | 5510            | 12.17         | 11.55 | -     | -     | 14.88 | 5.80    | 20.68              | 24.00            |
|                                                                   | 110 | 5550            | 12.32         | 11.72 | -     | -     | 15.04 | 5.80    | 20.84              | 24.00            |
|                                                                   | 134 | 5670            | 11.89         | 11.22 | -     | -     | 14.58 | 5.80    | 20.38              | 24.00            |
|                                                                   | 142 | 5710            | 11.47         | 11.49 | -     | -     | 14.49 | 5.90    | 20.39              | 24.00            |

| Maximum Conducted Output Power Measurement_Transmit power control |     |                 |               |       |       |       |       |         |                    |                  |
|-------------------------------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|---------|--------------------|------------------|
| Mode                                                              | CH  | Frequency (MHz) | Average power |       |       |       |       | E.I.R.P |                    | EIRP Power Limit |
|                                                                   |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total | Gain    | Calculated Results |                  |
|                                                                   |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dB      | dBm                |                  |
| 802.11ac VHT20                                                    | 52  | 5260            | 11.34         | 11.39 | -     | -     | 14.38 | 6.20    | 20.58              | 24.00            |
|                                                                   | 56  | 5280            | 11.29         | 11.23 | -     | -     | 14.27 | 6.20    | 20.47              | 24.00            |
|                                                                   | 64  | 5320            | 11.30         | 11.15 | -     | -     | 14.24 | 6.20    | 20.44              | 24.00            |
|                                                                   | 100 | 5500            | 11.52         | 11.06 | -     | -     | 14.31 | 5.80    | 20.11              | 24.00            |
|                                                                   | 112 | 5560            | 11.91         | 11.36 | -     | -     | 14.65 | 5.80    | 20.45              | 24.00            |
|                                                                   | 140 | 5700            | 11.54         | 11.19 | -     | -     | 14.38 | 5.80    | 20.18              | 24.00            |
|                                                                   | 144 | 5720            | 11.27         | 11.16 | -     | -     | 14.23 | 5.90    | 20.13              | 24.00            |
| 802.11ac VHT40                                                    | 54  | 5270            | 11.79         | 11.31 | -     | -     | 14.57 | 6.20    | 20.77              | 24.00            |
|                                                                   | 62  | 5310            | 11.76         | 11.09 | -     | -     | 14.45 | 6.20    | 20.65              | 24.00            |
|                                                                   | 102 | 5510            | 12.14         | 11.60 | -     | -     | 14.89 | 5.80    | 20.69              | 24.00            |
|                                                                   | 110 | 5550            | 12.27         | 11.76 | -     | -     | 15.03 | 5.80    | 20.83              | 24.00            |
|                                                                   | 134 | 5670            | 12.00         | 11.34 | -     | -     | 14.69 | 5.80    | 20.49              | 24.00            |
|                                                                   | 142 | 5710            | 11.65         | 11.44 | -     | -     | 14.56 | 5.90    | 20.46              | 24.00            |
| 802.11ac VHT80                                                    | 58  | 5290            | 10.89         | 10.73 | -     | -     | 13.82 | 6.20    | 20.02              | 24.00            |
|                                                                   | 106 | 5530            | 11.52         | 11.18 | -     | -     | 14.36 | 5.80    | 20.16              | 24.00            |
|                                                                   | 122 | 5610            | 11.61         | 11.32 | -     | -     | 14.48 | 5.80    | 20.28              | 24.00            |
|                                                                   | 138 | 5690            | 11.58         | 11.36 | -     | -     | 14.48 | 5.90    | 20.38              | 24.00            |

| Maximum Conducted Output Power Measurement_Transmit power control |     |                 |               |       |       |       |       |         |                    |                  |
|-------------------------------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|---------|--------------------|------------------|
| Mode                                                              | CH  | Frequency (MHz) | Average power |       |       |       |       | E.I.R.P |                    | EIRP Power Limit |
|                                                                   |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total | Gain    | Calculated Results |                  |
|                                                                   |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dB      | dBm                |                  |
| 802.11ax HE20                                                     | 52  | 5260            | 11.62         | 11.56 | -     | -     | 14.60 | 6.20    | 20.80              | 24.00            |
|                                                                   | 56  | 5280            | 11.48         | 11.49 | -     | -     | 14.50 | 6.20    | 20.70              | 24.00            |
|                                                                   | 64  | 5320            | 11.41         | 11.42 | -     | -     | 14.43 | 6.20    | 20.63              | 24.00            |
|                                                                   | 100 | 5500            | 11.82         | 11.35 | -     | -     | 14.60 | 5.80    | 20.40              | 24.00            |
|                                                                   | 112 | 5560            | 12.11         | 11.64 | -     | -     | 14.89 | 5.80    | 20.69              | 24.00            |
|                                                                   | 140 | 5700            | 11.66         | 11.34 | -     | -     | 14.51 | 5.80    | 20.31              | 24.00            |
|                                                                   | 144 | 5720            | 11.38         | 11.39 | -     | -     | 14.40 | 5.90    | 20.30              | 24.00            |
| 802.11ax HE40                                                     | 54  | 5270            | 12.04         | 11.51 | -     | -     | 14.79 | 6.20    | 20.99              | 24.00            |
|                                                                   | 62  | 5310            | 11.91         | 11.31 | -     | -     | 14.63 | 6.20    | 20.83              | 24.00            |
|                                                                   | 102 | 5510            | 12.39         | 11.81 | -     | -     | 15.12 | 5.80    | 20.92              | 24.00            |
|                                                                   | 110 | 5550            | 12.52         | 12.03 | -     | -     | 15.29 | 5.80    | 21.09              | 24.00            |
|                                                                   | 134 | 5670            | 12.12         | 11.54 | -     | -     | 14.85 | 5.80    | 20.65              | 24.00            |
|                                                                   | 142 | 5710            | 11.78         | 11.69 | -     | -     | 14.75 | 5.90    | 20.65              | 24.00            |
| 802.11ax HE80                                                     | 58  | 5290            | 11.00         | 10.82 | -     | -     | 13.92 | 6.20    | 20.12              | 24.00            |
|                                                                   | 106 | 5530            | 11.64         | 11.31 | -     | -     | 14.49 | 5.80    | 20.29              | 24.00            |
|                                                                   | 122 | 5610            | 11.70         | 11.45 | -     | -     | 14.59 | 5.80    | 20.39              | 24.00            |
|                                                                   | 138 | 5690            | 11.69         | 11.47 | -     | -     | 14.59 | 5.90    | 20.49              | 24.00            |

26 dB & 99 % RF Bandwidth Measurement

| Mode          | CH  | Freq.<br>(MHz) | 99 %<br>Bandwidth |        |       |       | 26 dB<br>Bandwidth |        |       |       |
|---------------|-----|----------------|-------------------|--------|-------|-------|--------------------|--------|-------|-------|
|               |     |                | Ant-0             | Ant-1  | Ant-2 | Ant-3 | Ant-0              | Ant-1  | Ant-2 | Ant-3 |
|               |     |                | MHz               | MHz    | MHz   | MHz   | MHz                | MHz    | MHz   | MHz   |
| 802.11a       | 36  | 5180           | 16.524            | 16.476 | -     | -     | 20.640             | 20.560 | -     | -     |
|               | 40  | 5200           | 16.522            | 16.513 | -     | -     | 20.720             | 20.310 | -     | -     |
|               | 48  | 5240           | 16.530            | 16.489 | -     | -     | 20.830             | 20.390 | -     | -     |
|               | 52  | 5260           | 16.516            | 16.499 | -     | -     | 20.990             | 20.450 | -     | -     |
|               | 56  | 5280           | 16.510            | 16.495 | -     | -     | 20.720             | 20.500 | -     | -     |
|               | 64  | 5320           | 16.526            | 16.498 | -     | -     | 20.670             | 20.580 | -     | -     |
|               | 100 | 5500           | 16.518            | 16.540 | -     | -     | 20.690             | 20.410 | -     | -     |
|               | 112 | 5560           | 16.543            | 16.487 | -     | -     | 20.670             | 20.490 | -     | -     |
|               | 140 | 5700           | 16.552            | 16.512 | -     | -     | 20.380             | 20.250 | -     | -     |
|               | 144 | 5720           | 13.216            | 13.213 | -     | -     | 15.250             | 15.260 | -     | -     |
| 802.11ax HE20 | 36  | 5180           | 19.032            | 18.995 | -     | -     | 21.270             | 21.210 | -     | -     |
|               | 40  | 5200           | 19.012            | 18.981 | -     | -     | 21.230             | 21.540 | -     | -     |
|               | 48  | 5240           | 19.006            | 19.004 | -     | -     | 21.480             | 21.350 | -     | -     |
|               | 52  | 5260           | 19.003            | 18.998 | -     | -     | 21.550             | 21.390 | -     | -     |
|               | 56  | 5280           | 19.011            | 18.991 | -     | -     | 21.550             | 21.680 | -     | -     |
|               | 64  | 5320           | 18.996            | 18.988 | -     | -     | 22.080             | 21.540 | -     | -     |
|               | 100 | 5500           | 19.015            | 18.961 | -     | -     | 21.710             | 21.200 | -     | -     |
|               | 112 | 5560           | 19.005            | 18.983 | -     | -     | 21.530             | 21.440 | -     | -     |
|               | 140 | 5700           | 19.000            | 19.006 | -     | -     | 21.450             | 21.470 | -     | -     |
|               | 144 | 5720           | 14.472            | 14.485 | -     | -     | 15.640             | 15.650 | -     | -     |
| 802.11ax HE40 | 38  | 5190           | 37.833            | 37.800 | -     | -     | 41.240             | 41.260 | -     | -     |
|               | 46  | 5230           | 37.779            | 37.824 | -     | -     | 41.240             | 41.490 | -     | -     |
|               | 54  | 5270           | 37.845            | 37.834 | -     | -     | 41.100             | 41.190 | -     | -     |
|               | 62  | 5310           | 37.801            | 37.847 | -     | -     | 41.010             | 41.480 | -     | -     |
|               | 102 | 5510           | 37.827            | 37.858 | -     | -     | 41.740             | 41.840 | -     | -     |
|               | 110 | 5550           | 37.782            | 37.865 | -     | -     | 41.340             | 41.050 | -     | -     |
|               | 134 | 5670           | 37.872            | 37.813 | -     | -     | 41.130             | 41.200 | -     | -     |
|               | 142 | 5710           | 33.744            | 33.692 | -     | -     | 35.660             | 35.930 | -     | -     |
| 802.11ax HE80 | 42  | 5210           | 77.063            | 77.049 | -     | -     | 83.590             | 83.220 | -     | -     |
|               | 58  | 5290           | 77.240            | 77.413 | -     | -     | 83.010             | 83.250 | -     | -     |
|               | 106 | 5530           | 77.099            | 77.241 | -     | -     | 83.450             | 83.380 | -     | -     |
|               | 122 | 5610           | 77.197            | 77.273 | -     | -     | 83.130             | 83.100 | -     | -     |
|               | 138 | 5690           | 73.148            | 73.047 | -     | -     | 76.480             | 76.520 | -     | -     |

Band III\_6 dB & 99 % RF Bandwidth Measurement

| Mode          | CH  | Freq.<br>(MHz) | 99 %<br>Bandwidth |        |       |       | 6 dB<br>Bandwidth |       |       |       | 6dB Limit |
|---------------|-----|----------------|-------------------|--------|-------|-------|-------------------|-------|-------|-------|-----------|
|               |     |                | Ant-0             | Ant-1  | Ant-2 | Ant-3 | Ant-0             | Ant-1 | Ant-2 | Ant-3 |           |
|               |     |                | MHz               | MHz    | MHz   | MHz   | kHz               | kHz   | kHz   | kHz   |           |
| 802.11a       | 144 | 5720           | 3.727             | 3.745  | -     | -     | 3127              | 3144  | -     | -     | ≥ 500 kHz |
|               | 149 | 5745           | 16.648            | 16.588 | -     | -     | 16320             | 15140 | -     | -     |           |
|               | 157 | 5785           | 16.628            | 16.581 | -     | -     | 15490             | 15740 | -     | -     |           |
|               | 165 | 5825           | 16.911            | 16.741 | -     | -     | 15790             | 15140 | -     | -     |           |
| 802.11ax HE20 | 144 | 5720           | 4.612             | 4.626  | -     | -     | 4410              | 4431  | -     | -     |           |
|               | 149 | 5745           | 19.008            | 19.079 | -     | -     | 18420             | 18490 | -     | -     |           |
|               | 157 | 5785           | 19.075            | 19.004 | -     | -     | 18510             | 18170 | -     | -     |           |
|               | 165 | 5825           | 19.142            | 19.107 | -     | -     | 18730             | 18180 | -     | -     |           |
| 802.11ax HE40 | 142 | 5710           | 4.197             | 4.237  | -     | -     | 3962              | 4148  | -     | -     |           |
|               | 151 | 5755           | 37.884            | 37.896 | -     | -     | 36650             | 37710 | -     | -     |           |
|               | 159 | 5795           | 37.995            | 37.939 | -     | -     | 37840             | 37160 | -     | -     |           |
| 802.11ax HE80 | 138 | 5690           | 4.487             | 4.436  | -     | -     | 4019              | 3977  | -     | -     |           |
|               | 155 | 5775           | 77.087            | 76.982 | -     | -     | 76330             | 75400 | -     | -     |           |

Power Spectral Density Measurement

| Mode          | CH  | Frequency (MHz) | Measurement |         |         |         | Duty Factor | Calculated | Limit  |
|---------------|-----|-----------------|-------------|---------|---------|---------|-------------|------------|--------|
|               |     |                 | Ant-0       | Ant-1   | Ant-2   | Ant-3   |             | Total      |        |
|               |     |                 | dBm/MHz     | dBm/MHz | dBm/MHz | dBm/MHz |             | dBm/MHz    |        |
| 802.11a       | 36  | 5180            | 6.605       | 6.317   | -       | -       | 0.142       | 9.615      | 14.870 |
|               | 40  | 5200            | 6.480       | 6.344   | -       | -       | 0.142       | 9.564      | 14.870 |
|               | 48  | 5240            | 6.367       | 6.150   | -       | -       | 0.142       | 9.412      | 14.870 |
|               | 52  | 5260            | 5.495       | 5.448   | -       | -       | 0.142       | 8.623      | 8.870  |
|               | 56  | 5280            | 5.419       | 5.205   | -       | -       | 0.142       | 8.465      | 8.870  |
|               | 64  | 5320            | 5.206       | 5.396   | -       | -       | 0.142       | 8.454      | 8.870  |
|               | 100 | 5500            | 5.773       | 5.815   | -       | -       | 0.142       | 8.946      | 9.250  |
|               | 112 | 5560            | 5.979       | 5.928   | -       | -       | 0.142       | 9.105      | 9.250  |
|               | 140 | 5700            | 5.727       | 5.639   | -       | -       | 0.142       | 8.835      | 9.250  |
|               | 144 | 5720            | 5.647       | 5.826   | -       | -       | 0.142       | 8.889      | 9.250  |
| 802.11ax HE20 | 36  | 5180            | 5.942       | 5.793   | -       | -       | 0.201       | 9.079      | 14.870 |
|               | 40  | 5200            | 5.738       | 5.622   | -       | -       | 0.201       | 8.891      | 14.870 |
|               | 48  | 5240            | 5.441       | 5.729   | -       | -       | 0.201       | 8.798      | 14.870 |
|               | 52  | 5260            | 5.438       | 5.331   | -       | -       | 0.201       | 8.596      | 8.870  |
|               | 56  | 5280            | 5.478       | 5.136   | -       | -       | 0.201       | 8.521      | 8.870  |
|               | 64  | 5320            | 5.372       | 5.247   | -       | -       | 0.201       | 8.521      | 8.870  |
|               | 100 | 5500            | 5.397       | 5.488   | -       | -       | 0.201       | 8.654      | 9.250  |
|               | 112 | 5560            | 5.926       | 5.814   | -       | -       | 0.201       | 9.081      | 9.250  |
|               | 140 | 5700            | 5.032       | 5.272   | -       | -       | 0.201       | 8.365      | 9.250  |
|               | 144 | 5720            | 4.940       | 4.937   | -       | -       | 0.201       | 8.149      | 9.250  |
| 802.11ax HE40 | 38  | 5190            | 3.460       | 3.150   | -       | -       | 0.186       | 6.504      | 14.870 |
|               | 46  | 5230            | 3.133       | 3.226   | -       | -       | 0.186       | 6.376      | 14.870 |
|               | 54  | 5270            | 3.287       | 2.874   | -       | -       | 0.186       | 6.282      | 8.870  |
|               | 62  | 5310            | 3.278       | 2.879   | -       | -       | 0.186       | 6.280      | 8.870  |
|               | 102 | 5510            | 3.097       | 3.257   | -       | -       | 0.186       | 6.374      | 9.250  |
|               | 110 | 5550            | 3.476       | 3.226   | -       | -       | 0.186       | 6.549      | 9.250  |
|               | 134 | 5670            | 2.692       | 2.806   | -       | -       | 0.186       | 5.946      | 9.250  |
|               | 142 | 5710            | 2.651       | 2.805   | -       | -       | 0.186       | 5.925      | 9.250  |
| 802.11ax HE80 | 42  | 5210            | -0.164      | -0.252  | -       | -       | 0.216       | 3.019      | 14.870 |
|               | 58  | 5290            | -0.735      | -0.865  | -       | -       | 0.216       | 2.427      | 8.870  |
|               | 106 | 5530            | -0.617      | -0.469  | -       | -       | 0.216       | 2.684      | 9.250  |
|               | 122 | 5610            | -0.552      | -0.635  | -       | -       | 0.216       | 2.633      | 9.250  |
|               | 138 | 5690            | -0.467      | -0.139  | -       | -       | 0.216       | 2.927      | 9.250  |

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

| Band III_ Power Spectral Density Measurement |     |                 |             |             |             |             |             |             |             |             |             |             |             |           |
|----------------------------------------------|-----|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|
| Mode                                         | CH  | Frequency (MHz) | Measurement |             |             |             |             |             |             |             | Duty Factor | Calculated  | Limit       | PASS/FAIL |
|                                              |     |                 | Ant-0       |             | Ant-1       |             | Ant-2       |             | Ant-3       |             |             | Total       |             |           |
|                                              |     |                 | dBm/100 kHz | dBm/500 kHz | dBm/100 kHz | dBm/500 kHz | dBm/100 kHz | dBm/500 kHz | dBm/100 kHz | dBm/500 kHz | dB          | dBm/500 kHz | dBm/500 kHz |           |
| 802.11a                                      | 144 | 5720            | -3.483      | 3.507       | -3.177      | 3.813       | -           | -           | -           | -           | 0.142       | 6.814       | 28.65       | PASS      |
|                                              | 149 | 5745            | -2.724      | 4.266       | -2.616      | 4.374       | -           | -           | -           | -           | 0.142       | 7.472       | 28.65       | PASS      |
|                                              | 157 | 5785            | -2.064      | 4.926       | -2.520      | 4.470       | -           | -           | -           | -           | 0.142       | 7.856       | 28.65       | PASS      |
|                                              | 165 | 5825            | -1.158      | 5.832       | -1.935      | 5.055       | -           | -           | -           | -           | 0.142       | 8.612       | 28.65       | PASS      |
| 802.11ax HE20                                | 144 | 5720            | -5.652      | 1.338       | -5.158      | 1.832       | -           | -           | -           | -           | 0.201       | 4.803       | 28.65       | PASS      |
|                                              | 149 | 5745            | -4.894      | 2.096       | -5.031      | 1.959       | -           | -           | -           | -           | 0.201       | 5.239       | 28.65       | PASS      |
|                                              | 157 | 5785            | -4.117      | 2.873       | -4.258      | 2.732       | -           | -           | -           | -           | 0.201       | 6.014       | 28.65       | PASS      |
|                                              | 165 | 5825            | -3.291      | 3.699       | -3.559      | 3.431       | -           | -           | -           | -           | 0.201       | 6.778       | 28.65       | PASS      |
| 802.11ax HE40                                | 142 | 5710            | -8.574      | -1.584      | -8.675      | -1.685      | -           | -           | -           | -           | 0.186       | 1.562       | 28.65       | PASS      |
|                                              | 151 | 5755            | -7.353      | -0.363      | -6.822      | 0.168       | -           | -           | -           | -           | 0.186       | 3.107       | 28.65       | PASS      |
|                                              | 159 | 5795            | -6.418      | 0.572       | -6.449      | 0.541       | -           | -           | -           | -           | 0.186       | 3.753       | 28.65       | PASS      |
| 802.11ax HE80                                | 138 | 5690            | -12.550     | -5.560      | -12.614     | -5.624      | -           | -           | -           | -           | 0.216       | -2.365      | 28.65       | PASS      |
|                                              | 155 | 5775            | -10.158     | -3.168      | -10.197     | -3.207      | -           | -           | -           | -           | 0.216       | 0.039       | 28.65       | PASS      |

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.  
Conversion ratio = 10\*Log(500 k/100 k)

Beamforming on

RF power setting in Test SW

| Mode         | CH  | Frequency (MHz) | Ant-0 | Ant-1 | Ant-2 | Ant-3 | Test SW Version       |
|--------------|-----|-----------------|-------|-------|-------|-------|-----------------------|
| 802.11n HT20 | 36  | 5180            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|              | 40  | 5200            | 18    | 18    | -     | -     |                       |
|              | 48  | 5240            | 18    | 18    | -     | -     |                       |
|              | 52  | 5260            | 18    | 18    | -     | -     |                       |
|              | 56  | 5280            | 18    | 18    | -     | -     |                       |
|              | 64  | 5320            | 18    | 18    | -     | -     |                       |
|              | 100 | 5500            | 18    | 18    | -     | -     |                       |
|              | 112 | 5560            | 18    | 18    | -     | -     |                       |
|              | 140 | 5700            | 18    | 18    | -     | -     |                       |
|              | 144 | 5720            | 18    | 18    | -     | -     |                       |
|              | 149 | 5745            | 18    | 18    | -     | -     |                       |
|              | 157 | 5785            | 18    | 18    | -     | -     |                       |
|              | 165 | 5825            | 18    | 18    | -     | -     |                       |
| 802.11n HT40 | 38  | 5190            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|              | 46  | 5230            | 18    | 18    | -     | -     |                       |
|              | 54  | 5270            | 18    | 18    | -     | -     |                       |
|              | 62  | 5310            | 18    | 18    | -     | -     |                       |
|              | 102 | 5510            | 18    | 18    | -     | -     |                       |
|              | 110 | 5550            | 18    | 18    | -     | -     |                       |
|              | 134 | 5670            | 18    | 18    | -     | -     |                       |
|              | 142 | 5710            | 18    | 18    | -     | -     |                       |
|              | 151 | 5755            | 18    | 18    | -     | -     |                       |
|              | 159 | 5795            | 18    | 18    | -     | -     |                       |

RF power setting in Test SW

| Mode           | CH  | Frequency (MHz) | Ant-0 | Ant-1 | Ant-2 | Ant-3 | Test SW Version       |
|----------------|-----|-----------------|-------|-------|-------|-------|-----------------------|
| 802.11ac VHT20 | 36  | 5180            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|                | 40  | 5200            | 18    | 18    | -     | -     |                       |
|                | 48  | 5240            | 18    | 18    | -     | -     |                       |
|                | 52  | 5260            | 18    | 18    | -     | -     |                       |
|                | 56  | 5280            | 18    | 18    | -     | -     |                       |
|                | 64  | 5320            | 18    | 18    | -     | -     |                       |
|                | 100 | 5500            | 18    | 18    | -     | -     |                       |
|                | 112 | 5560            | 18    | 18    | -     | -     |                       |
|                | 140 | 5700            | 18    | 18    | -     | -     |                       |
|                | 144 | 5720            | 18    | 18    | -     | -     |                       |
|                | 149 | 5745            | 18    | 18    | -     | -     |                       |
|                | 157 | 5785            | 18    | 18    | -     | -     |                       |
|                | 165 | 5825            | 18    | 18    | -     | -     |                       |
| 802.11ac VHT40 | 38  | 5190            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|                | 46  | 5230            | 18    | 18    | -     | -     |                       |
|                | 54  | 5270            | 18    | 18    | -     | -     |                       |
|                | 62  | 5310            | 18    | 18    | -     | -     |                       |
|                | 102 | 5510            | 18    | 18    | -     | -     |                       |
|                | 110 | 5550            | 18    | 18    | -     | -     |                       |
|                | 134 | 5670            | 18    | 18    | -     | -     |                       |
|                | 142 | 5710            | 18    | 18    | -     | -     |                       |
|                | 151 | 5755            | 18    | 18    | -     | -     |                       |
|                | 159 | 5795            | 18    | 18    | -     | -     |                       |
| 802.11ac VHT80 | 42  | 5210            | 17.5  | 17.5  | -     | -     | QSPR Version5.0.00202 |
|                | 58  | 5290            | 17.5  | 17.5  | -     | -     |                       |
|                | 106 | 5530            | 17.5  | 17.5  | -     | -     |                       |
|                | 122 | 5610            | 18    | 18    | -     | -     |                       |
|                | 138 | 5690            | 18    | 18    | -     | -     |                       |
|                | 155 | 5775            | 18    | 18    | -     | -     |                       |

RF power setting in Test SW

| Mode          | CH  | Frequency (MHz) | Ant-0 | Ant-1 | Ant-2 | Ant-3 | Test SW Version       |
|---------------|-----|-----------------|-------|-------|-------|-------|-----------------------|
| 802.11ax HE20 | 36  | 5180            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|               | 40  | 5200            | 18    | 18    | -     | -     |                       |
|               | 48  | 5240            | 18    | 18    | -     | -     |                       |
|               | 52  | 5260            | 18    | 18    | -     | -     |                       |
|               | 56  | 5280            | 18    | 18    | -     | -     |                       |
|               | 64  | 5320            | 18    | 18    | -     | -     |                       |
|               | 100 | 5500            | 18    | 18    | -     | -     |                       |
|               | 112 | 5560            | 18    | 18    | -     | -     |                       |
|               | 140 | 5700            | 18    | 18    | -     | -     |                       |
|               | 144 | 5720            | 18    | 18    | -     | -     |                       |
|               | 149 | 5745            | 18    | 18    | -     | -     |                       |
|               | 157 | 5785            | 18    | 18    | -     | -     |                       |
|               | 165 | 5825            | 18    | 18    | -     | -     |                       |
| 802.11ax HE40 | 38  | 5190            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|               | 46  | 5230            | 18    | 18    | -     | -     |                       |
|               | 54  | 5270            | 18    | 18    | -     | -     |                       |
|               | 62  | 5310            | 18    | 18    | -     | -     |                       |
|               | 102 | 5510            | 18    | 18    | -     | -     |                       |
|               | 110 | 5550            | 18    | 18    | -     | -     |                       |
|               | 134 | 5670            | 18    | 18    | -     | -     |                       |
|               | 142 | 5710            | 18    | 18    | -     | -     |                       |
|               | 151 | 5755            | 18    | 18    | -     | -     |                       |
| 802.11ax HE80 | 159 | 5795            | 18    | 18    | -     | -     | QSPR Version5.0.00202 |
|               | 42  | 5210            | 17.5  | 17.5  | -     | -     |                       |
|               | 58  | 5290            | 17.5  | 17.5  | -     | -     |                       |
|               | 106 | 5530            | 17.5  | 17.5  | -     | -     |                       |
|               | 122 | 5610            | 18    | 18    | -     | -     |                       |
|               | 138 | 5690            | 18    | 18    | -     | -     |                       |
|               | 155 | 5775            | 18    | 18    | -     | -     |                       |

| Maximum Conducted Output Power Measurement |     |                 |               |       |       |       |       |       |
|--------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
| Mode                                       | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|                                            |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                                            |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   |       |
| 802.11n HT20                               | 36  | 5180            | 17.24         | 17.02 | -     | -     | 20.14 | 27.87 |
|                                            | 40  | 5200            | 17.35         | 17.03 | -     | -     | 20.20 | 27.87 |
|                                            | 48  | 5240            | 17.20         | 17.00 | -     | -     | 20.11 | 27.87 |
|                                            | 52  | 5260            | 17.24         | 17.27 | -     | -     | 20.27 | 21.87 |
|                                            | 56  | 5280            | 17.02         | 17.09 | -     | -     | 20.07 | 21.87 |
|                                            | 64  | 5320            | 17.06         | 17.02 | -     | -     | 20.05 | 21.87 |
|                                            | 100 | 5500            | 17.52         | 17.01 | -     | -     | 20.28 | 22.25 |
|                                            | 112 | 5560            | 17.54         | 17.35 | -     | -     | 20.46 | 22.25 |
|                                            | 140 | 5700            | 17.33         | 17.05 | -     | -     | 20.20 | 22.25 |
|                                            | 144 | 5720            | 17.05         | 17.02 | -     | -     | 20.05 | 21.19 |
|                                            | 149 | 5745            | 17.41         | 17.35 | -     | -     | 20.39 | 28.65 |
|                                            | 157 | 5785            | 17.79         | 17.49 | -     | -     | 20.65 | 28.65 |
|                                            | 165 | 5825            | 18.11         | 18.03 | -     | -     | 21.08 | 28.65 |
| 802.11n HT40                               | 38  | 5190            | 17.77         | 17.32 | -     | -     | 20.56 | 27.87 |
|                                            | 46  | 5230            | 17.64         | 17.21 | -     | -     | 20.44 | 27.87 |
|                                            | 54  | 5270            | 17.50         | 17.17 | -     | -     | 20.35 | 21.87 |
|                                            | 62  | 5310            | 17.44         | 17.01 | -     | -     | 20.24 | 21.87 |
|                                            | 102 | 5510            | 18.06         | 17.52 | -     | -     | 20.81 | 22.25 |
|                                            | 110 | 5550            | 18.20         | 17.62 | -     | -     | 20.93 | 22.25 |
|                                            | 134 | 5670            | 17.75         | 17.14 | -     | -     | 20.47 | 22.25 |
|                                            | 142 | 5710            | 17.34         | 17.36 | -     | -     | 20.36 | 22.25 |
|                                            | 151 | 5755            | 17.67         | 17.45 | -     | -     | 20.57 | 28.65 |
|                                            | 159 | 5795            | 18.11         | 17.94 | -     | -     | 21.04 | 28.65 |

| Maximum Conducted Output Power Measurement |     |                 |               |       |       |       |       |       |
|--------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
| Mode                                       | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|                                            |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                                            |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   |       |
| 802.11ac VHT20                             | 36  | 5180            | 17.35         | 17.01 | -     | -     | 20.19 | 27.87 |
|                                            | 40  | 5200            | 17.35         | 17.01 | -     | -     | 20.19 | 27.87 |
|                                            | 48  | 5240            | 17.31         | 17.05 | -     | -     | 20.19 | 27.87 |
|                                            | 52  | 5260            | 17.27         | 17.35 | -     | -     | 20.32 | 21.87 |
|                                            | 56  | 5280            | 17.13         | 17.17 | -     | -     | 20.16 | 21.87 |
|                                            | 64  | 5320            | 17.14         | 17.03 | -     | -     | 20.10 | 21.87 |
|                                            | 100 | 5500            | 17.38         | 17.03 | -     | -     | 20.22 | 22.25 |
|                                            | 112 | 5560            | 17.75         | 17.17 | -     | -     | 20.48 | 22.25 |
|                                            | 140 | 5700            | 17.43         | 17.01 | -     | -     | 20.24 | 22.25 |
|                                            | 144 | 5720            | 17.17         | 17.09 | -     | -     | 20.14 | 21.19 |
|                                            | 149 | 5745            | 17.46         | 17.40 | -     | -     | 20.44 | 28.65 |
|                                            | 157 | 5785            | 17.93         | 17.48 | -     | -     | 20.72 | 28.65 |
|                                            | 165 | 5825            | 18.24         | 17.82 | -     | -     | 21.05 | 28.65 |
| 802.11ac VHT40                             | 38  | 5190            | 17.83         | 17.41 | -     | -     | 20.64 | 27.87 |
|                                            | 46  | 5230            | 17.66         | 17.24 | -     | -     | 20.47 | 27.87 |
|                                            | 54  | 5270            | 17.66         | 17.21 | -     | -     | 20.45 | 21.87 |
|                                            | 62  | 5310            | 17.56         | 17.02 | -     | -     | 20.31 | 21.87 |
|                                            | 102 | 5510            | 17.96         | 17.56 | -     | -     | 20.77 | 22.25 |
|                                            | 110 | 5550            | 18.04         | 17.61 | -     | -     | 20.84 | 22.25 |
|                                            | 134 | 5670            | 17.84         | 17.20 | -     | -     | 20.54 | 22.25 |
|                                            | 142 | 5710            | 17.52         | 17.29 | -     | -     | 20.42 | 22.25 |
|                                            | 151 | 5755            | 17.57         | 17.33 | -     | -     | 20.46 | 28.65 |
|                                            | 159 | 5795            | 18.37         | 17.97 | -     | -     | 21.18 | 28.65 |
| 802.11ac VHT80                             | 42  | 5210            | 17.14         | 17.01 | -     | -     | 20.09 | 27.87 |
|                                            | 58  | 5290            | 16.77         | 16.59 | -     | -     | 19.69 | 21.87 |
|                                            | 106 | 5530            | 17.35         | 16.97 | -     | -     | 20.17 | 22.25 |
|                                            | 122 | 5610            | 17.53         | 17.16 | -     | -     | 20.36 | 22.25 |
|                                            | 138 | 5690            | 17.49         | 17.21 | -     | -     | 20.36 | 22.25 |
|                                            | 155 | 5775            | 17.54         | 17.29 | -     | -     | 20.43 | 28.65 |

| Maximum Conducted Output Power Measurement |     |                 |               |       |       |       |       |       |
|--------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
| Mode                                       | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|                                            |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                                            |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   |       |
| 802.11ax HE20                              | 36  | 5180            | 17.68         | 17.27 | -     | -     | 20.49 | 27.87 |
|                                            | 40  | 5200            | 17.42         | 17.22 | -     | -     | 20.33 | 27.87 |
|                                            | 48  | 5240            | 17.49         | 17.16 | -     | -     | 20.34 | 27.87 |
|                                            | 52  | 5260            | 17.57         | 17.54 | -     | -     | 20.57 | 21.87 |
|                                            | 56  | 5280            | 17.39         | 17.37 | -     | -     | 20.39 | 21.87 |
|                                            | 64  | 5320            | 17.26         | 17.28 | -     | -     | 20.28 | 21.87 |
|                                            | 100 | 5500            | 17.61         | 17.25 | -     | -     | 20.44 | 22.25 |
|                                            | 112 | 5560            | 18.07         | 17.52 | -     | -     | 20.81 | 22.25 |
|                                            | 140 | 5700            | 17.62         | 17.14 | -     | -     | 20.40 | 22.25 |
|                                            | 144 | 5720            | 17.34         | 17.24 | -     | -     | 20.30 | 21.19 |
|                                            | 149 | 5745            | 17.56         | 17.51 | -     | -     | 20.55 | 28.65 |
|                                            | 157 | 5785            | 18.12         | 17.50 | -     | -     | 20.83 | 28.65 |
|                                            | 165 | 5825            | 18.35         | 18.26 | -     | -     | 21.32 | 28.65 |
| 802.11ax HE40                              | 38  | 5190            | 18.16         | 17.60 | -     | -     | 20.90 | 27.87 |
|                                            | 46  | 5230            | 18.02         | 17.62 | -     | -     | 20.83 | 27.87 |
|                                            | 54  | 5270            | 17.89         | 17.29 | -     | -     | 20.61 | 21.87 |
|                                            | 62  | 5310            | 17.73         | 17.17 | -     | -     | 20.47 | 21.87 |
|                                            | 102 | 5510            | 18.16         | 17.67 | -     | -     | 20.93 | 22.25 |
|                                            | 110 | 5550            | 18.38         | 17.85 | -     | -     | 21.13 | 22.25 |
|                                            | 134 | 5670            | 17.89         | 17.30 | -     | -     | 20.62 | 22.25 |
|                                            | 142 | 5710            | 17.67         | 17.57 | -     | -     | 20.63 | 22.25 |
|                                            | 151 | 5755            | 17.74         | 17.70 | -     | -     | 20.73 | 28.65 |
|                                            | 159 | 5795            | 18.52         | 18.36 | -     | -     | 21.45 | 28.65 |
| 802.11ax HE80                              | 42  | 5210            | 17.34         | 17.21 | -     | -     | 20.29 | 27.87 |
|                                            | 58  | 5290            | 16.94         | 16.68 | -     | -     | 19.82 | 21.87 |
|                                            | 106 | 5530            | 17.54         | 17.24 | -     | -     | 20.40 | 22.25 |
|                                            | 122 | 5610            | 17.48         | 17.32 | -     | -     | 20.41 | 22.25 |
|                                            | 138 | 5690            | 17.63         | 17.37 | -     | -     | 20.51 | 22.25 |
|                                            | 155 | 5775            | 17.73         | 17.44 | -     | -     | 20.60 | 28.65 |

| Maximum Conducted Output Power Measurement_Transmit power control |     |                 |               |       |       |       |       |         |                    |                  |
|-------------------------------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|---------|--------------------|------------------|
| Mode                                                              | CH  | Frequency (MHz) | Average power |       |       |       |       | E.I.R.P |                    | EIRP Power Limit |
|                                                                   |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total | Gain    | Calculated Results |                  |
|                                                                   |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dBd     | dBm                |                  |
| 802.11n HT20                                                      | 52  | 5260            | 11.24         | 11.27 | -     | -     | 14.27 | 8.13    | 22.40              | 24.00            |
|                                                                   | 56  | 5280            | 11.02         | 11.09 | -     | -     | 14.07 | 8.13    | 22.20              | 24.00            |
|                                                                   | 64  | 5320            | 11.06         | 11.02 | -     | -     | 14.05 | 8.13    | 22.18              | 24.00            |
|                                                                   | 100 | 5500            | 11.52         | 11.01 | -     | -     | 14.28 | 7.75    | 22.03              | 24.00            |
|                                                                   | 112 | 5560            | 11.54         | 11.35 | -     | -     | 14.46 | 7.75    | 22.21              | 24.00            |
|                                                                   | 140 | 5700            | 11.33         | 11.05 | -     | -     | 14.20 | 7.75    | 21.95              | 24.00            |
|                                                                   | 144 | 5720            | 11.05         | 11.02 | -     | -     | 14.05 | 7.75    | 21.80              | 24.00            |
| 802.11n HT40                                                      | 54  | 5270            | 11.50         | 11.17 | -     | -     | 14.35 | 8.13    | 22.48              | 24.00            |
|                                                                   | 62  | 5310            | 11.44         | 11.01 | -     | -     | 14.24 | 8.13    | 22.37              | 24.00            |
|                                                                   | 102 | 5510            | 12.06         | 11.52 | -     | -     | 14.81 | 7.75    | 22.56              | 24.00            |
|                                                                   | 110 | 5550            | 12.20         | 11.62 | -     | -     | 14.93 | 7.75    | 22.68              | 24.00            |
|                                                                   | 134 | 5670            | 11.75         | 11.14 | -     | -     | 14.47 | 7.75    | 22.22              | 24.00            |
|                                                                   | 142 | 5710            | 11.34         | 11.36 | -     | -     | 14.36 | 7.75    | 22.11              | 24.00            |

| Maximum Conducted Output Power Measurement_Transmit power control |     |                 |               |       |       |       |       |         |                    |                  |
|-------------------------------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|---------|--------------------|------------------|
| Mode                                                              | CH  | Frequency (MHz) | Average power |       |       |       |       | E.I.R.P |                    | EIRP Power Limit |
|                                                                   |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total | Gain    | Calculated Results |                  |
|                                                                   |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dB      | dBm                |                  |
| 802.11ac VHT20                                                    | 52  | 5260            | 11.27         | 11.35 | -     | -     | 14.32 | 8.13    | 22.45              | 24.00            |
|                                                                   | 56  | 5280            | 11.13         | 11.17 | -     | -     | 14.16 | 8.13    | 22.29              | 24.00            |
|                                                                   | 64  | 5320            | 11.14         | 11.03 | -     | -     | 14.10 | 8.13    | 22.23              | 24.00            |
|                                                                   | 100 | 5500            | 11.38         | 11.03 | -     | -     | 14.22 | 7.75    | 21.97              | 24.00            |
|                                                                   | 112 | 5560            | 11.75         | 11.17 | -     | -     | 14.48 | 7.75    | 22.23              | 24.00            |
|                                                                   | 140 | 5700            | 11.43         | 11.01 | -     | -     | 14.24 | 7.75    | 21.99              | 24.00            |
|                                                                   | 144 | 5720            | 11.17         | 11.09 | -     | -     | 14.14 | 7.75    | 21.89              | 24.00            |
| 802.11ac VHT40                                                    | 54  | 5270            | 11.66         | 11.21 | -     | -     | 14.45 | 8.13    | 22.58              | 24.00            |
|                                                                   | 62  | 5310            | 11.56         | 11.02 | -     | -     | 14.31 | 8.13    | 22.44              | 24.00            |
|                                                                   | 102 | 5510            | 11.96         | 11.56 | -     | -     | 14.77 | 7.75    | 22.52              | 24.00            |
|                                                                   | 110 | 5550            | 12.04         | 11.61 | -     | -     | 14.84 | 7.75    | 22.59              | 24.00            |
|                                                                   | 134 | 5670            | 11.84         | 11.20 | -     | -     | 14.54 | 7.75    | 22.29              | 24.00            |
|                                                                   | 142 | 5710            | 11.52         | 11.29 | -     | -     | 14.42 | 7.75    | 22.17              | 24.00            |
| 802.11ac VHT80                                                    | 58  | 5290            | 10.77         | 10.59 | -     | -     | 13.69 | 8.13    | 21.82              | 24.00            |
|                                                                   | 106 | 5530            | 11.35         | 10.97 | -     | -     | 14.17 | 7.75    | 21.92              | 24.00            |
|                                                                   | 122 | 5610            | 11.53         | 11.16 | -     | -     | 14.36 | 7.75    | 22.11              | 24.00            |
|                                                                   | 138 | 5690            | 11.49         | 11.21 | -     | -     | 14.36 | 7.75    | 22.11              | 24.00            |

| Maximum Conducted Output Power Measurement_Transmit power control |     |                 |               |       |       |       |       |         |                    |                  |
|-------------------------------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|---------|--------------------|------------------|
| Mode                                                              | CH  | Frequency (MHz) | Average power |       |       |       |       | E.I.R.P |                    | EIRP Power Limit |
|                                                                   |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total | Gain    | Calculated Results |                  |
|                                                                   |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dB      | dBm                |                  |
| 802.11ax HE20                                                     | 52  | 5260            | 11.57         | 11.54 | -     | -     | 14.57 | 8.13    | 22.70              | 24.00            |
|                                                                   | 56  | 5280            | 11.39         | 11.37 | -     | -     | 14.39 | 8.13    | 22.52              | 24.00            |
|                                                                   | 64  | 5320            | 11.26         | 11.28 | -     | -     | 14.28 | 8.13    | 22.41              | 24.00            |
|                                                                   | 100 | 5500            | 11.61         | 11.25 | -     | -     | 14.44 | 7.75    | 22.19              | 24.00            |
|                                                                   | 112 | 5560            | 12.07         | 11.52 | -     | -     | 14.81 | 7.75    | 22.56              | 24.00            |
|                                                                   | 140 | 5700            | 11.62         | 11.14 | -     | -     | 14.40 | 7.75    | 22.15              | 24.00            |
|                                                                   | 144 | 5720            | 11.34         | 11.24 | -     | -     | 14.30 | 7.75    | 22.05              | 24.00            |
| 802.11ax HE40                                                     | 54  | 5270            | 11.89         | 11.29 | -     | -     | 14.61 | 8.13    | 22.74              | 24.00            |
|                                                                   | 62  | 5310            | 11.73         | 11.17 | -     | -     | 14.47 | 8.13    | 22.60              | 24.00            |
|                                                                   | 102 | 5510            | 12.16         | 11.67 | -     | -     | 14.93 | 7.75    | 22.68              | 24.00            |
|                                                                   | 110 | 5550            | 12.38         | 11.85 | -     | -     | 15.13 | 7.75    | 22.88              | 24.00            |
|                                                                   | 134 | 5670            | 11.89         | 11.30 | -     | -     | 14.62 | 7.75    | 22.37              | 24.00            |
|                                                                   | 142 | 5710            | 11.67         | 11.57 | -     | -     | 14.63 | 7.75    | 22.38              | 24.00            |
| 802.11ax HE80                                                     | 58  | 5290            | 10.94         | 10.68 | -     | -     | 13.82 | 8.13    | 21.95              | 24.00            |
|                                                                   | 106 | 5530            | 11.54         | 11.24 | -     | -     | 14.40 | 7.75    | 22.15              | 24.00            |
|                                                                   | 122 | 5610            | 11.48         | 11.32 | -     | -     | 14.41 | 7.75    | 22.16              | 24.00            |
|                                                                   | 138 | 5690            | 11.63         | 11.37 | -     | -     | 14.51 | 7.75    | 22.26              | 24.00            |