

## 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            | 0.843        | 0.891            | 94.613         | 0.241            | 1.186                 |
| 802.11n HT20    | 5180            | 0.855        | 0.906            | 94.371         | 0.252            | 1.170                 |
| 802.11n HT40    | 5190            | 0.819        | 0.873            | 93.814         | 0.277            | 1.221                 |
| 802.11ac VHT20  | 5180            | 0.261        | 0.311            | 83.746         | 0.770            | 3.836                 |
| 802.11ac VHT40  | 5190            | 0.259        | 0.312            | 83.013         | 0.809            | 3.861                 |
| 802.11ac VHT80  | 5210            | 0.261        | 0.313            | 83.344         | 0.791            | 3.836                 |
| 802.11ac VHT160 | 5250            | 0.090        | 0.145            | 62.069         | 2.071            | 11.111                |
| 802.11ax HE20   | 5180            | 0.795        | 0.846            | 93.972         | 0.270            | 1.258                 |
| 802.11ax HE40   | 5190            | 0.795        | 0.846            | 93.972         | 0.270            | 1.258                 |
| 802.11ax HE80   | 5210            | 0.792        | 0.843            | 93.950         | 0.271            | 1.263                 |
| 802.11ax HE160  | 5250            | 0.795        | 0.846            | 93.972         | 0.270            | 1.258                 |

| 5 GHz Band Config |         |                |           |
|-------------------|---------|----------------|-----------|
| Mode              | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11a           | 36      | 5180           | 6M        |
| 802.11a           | 40      | 5200           | 6M        |
| 802.11a           | 48      | 5240           | 6M        |
| 802.11a           | 52      | 5260           | 6M        |
| 802.11a           | 56      | 5280           | 6M        |
| 802.11a           | 64      | 5320           | 6M        |
| 802.11a           | 100     | 5500           | 6M        |
| 802.11a           | 112     | 5560           | 6M        |
| 802.11a           | 140     | 5700           | 6M        |
| 802.11a           | 144     | 5720           | 6M        |
| 802.11a           | 149     | 5745           | 6M        |
| 802.11a           | 157     | 5785           | 6M        |
| 802.11a           | 165     | 5825           | 6M        |
| 802.11n HT20      | 36      | 5180           | 26M       |
| 802.11n HT20      | 40      | 5200           | 26M       |
| 802.11n HT20      | 48      | 5240           | 26M       |
| 802.11n HT20      | 52      | 5260           | 26M       |
| 802.11n HT20      | 56      | 5280           | 26M       |
| 802.11n HT20      | 64      | 5320           | 26M       |
| 802.11n HT20      | 100     | 5500           | 26M       |
| 802.11n HT20      | 112     | 5560           | 26M       |
| 802.11n HT20      | 140     | 5700           | 26M       |
| 802.11n HT20      | 144     | 5720           | 26M       |
| 802.11n HT20      | 149     | 5745           | 26M       |
| 802.11n HT20      | 157     | 5785           | 26M       |
| 802.11n HT20      | 165     | 5825           | 26M       |
| 802.11n HT40      | 38      | 5190           | 54M       |
| 802.11n HT40      | 46      | 5230           | 54M       |
| 802.11n HT40      | 54      | 5270           | 54M       |
| 802.11n HT40      | 62      | 5310           | 54M       |
| 802.11n HT40      | 102     | 5510           | 54M       |
| 802.11n HT40      | 110     | 5550           | 54M       |
| 802.11n HT40      | 134     | 5670           | 54M       |
| 802.11n HT40      | 142     | 5710           | 54M       |
| 802.11n HT40      | 151     | 5755           | 54M       |
| 802.11n HT40      | 159     | 5795           | 54M       |

| 5 GHz Band Config |         |                |           |
|-------------------|---------|----------------|-----------|
| Mode              | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11ac VHT20    | 36      | 5180           | MCS 0     |
| 802.11ac VHT20    | 40      | 5200           | MCS 0     |
| 802.11ac VHT20    | 48      | 5240           | MCS 0     |
| 802.11ac VHT20    | 52      | 5260           | MCS 0     |
| 802.11ac VHT20    | 56      | 5280           | MCS 0     |
| 802.11ac VHT20    | 64      | 5320           | MCS 0     |
| 802.11ac VHT20    | 100     | 5500           | MCS 0     |
| 802.11ac VHT20    | 112     | 5560           | MCS 0     |
| 802.11ac VHT20    | 140     | 5700           | MCS 0     |
| 802.11ac VHT20    | 144     | 5720           | MCS 0     |
| 802.11ac VHT20    | 149     | 5745           | MCS 0     |
| 802.11ac VHT20    | 157     | 5785           | MCS 0     |
| 802.11ac VHT20    | 165     | 5825           | MCS 0     |
| 802.11ac VHT40    | 38      | 5190           | MCS 0     |
| 802.11ac VHT40    | 46      | 5230           | MCS 0     |
| 802.11ac VHT40    | 54      | 5270           | MCS 0     |
| 802.11ac VHT40    | 62      | 5310           | MCS 0     |
| 802.11ac VHT40    | 102     | 5510           | MCS 0     |
| 802.11ac VHT40    | 110     | 5550           | MCS 0     |
| 802.11ac VHT40    | 134     | 5670           | MCS 0     |
| 802.11ac VHT40    | 142     | 5710           | MCS 0     |
| 802.11ac VHT40    | 151     | 5755           | MCS 0     |
| 802.11ac VHT40    | 159     | 5795           | MCS 0     |
| 802.11ac VHT80    | 42      | 5210           | MCS 0     |
| 802.11ac VHT80    | 58      | 5290           | MCS 0     |
| 802.11ac VHT80    | 106     | 5530           | MCS 0     |
| 802.11ac VHT80    | 122     | 5610           | MCS 0     |
| 802.11ac VHT80    | 138     | 5690           | MCS 0     |
| 802.11ac VHT80    | 155     | 5775           | MCS 0     |
| 802.11ac VHT160   | 50      | 5250           | MCS 0     |
| 802.11ac VHT160   | 114     | 5570           | MCS 0     |

| 5 GHz Band Config |         |                |           |
|-------------------|---------|----------------|-----------|
| Mode              | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11ax HE20     | 36      | 5180           | MCS 0     |
| 802.11ax HE20     | 40      | 5200           | MCS 0     |
| 802.11ax HE20     | 48      | 5240           | MCS 0     |
| 802.11ax HE20     | 52      | 5260           | MCS 0     |
| 802.11ax HE20     | 56      | 5280           | MCS 0     |
| 802.11ax HE20     | 64      | 5320           | MCS 0     |
| 802.11ax HE20     | 100     | 5500           | MCS 0     |
| 802.11ax HE20     | 112     | 5560           | MCS 0     |
| 802.11ax HE20     | 140     | 5700           | MCS 0     |
| 802.11ax HE20     | 144     | 5720           | MCS 0     |
| 802.11ax HE20     | 149     | 5745           | MCS 0     |
| 802.11ax HE20     | 157     | 5785           | MCS 0     |
| 802.11ax HE20     | 165     | 5825           | MCS 0     |
| 802.11ax HE40     | 38      | 5190           | MCS 0     |
| 802.11ax HE40     | 46      | 5230           | MCS 0     |
| 802.11ax HE40     | 54      | 5270           | MCS 0     |
| 802.11ax HE40     | 62      | 5310           | MCS 0     |
| 802.11ax HE40     | 102     | 5510           | MCS 0     |
| 802.11ax HE40     | 110     | 5550           | MCS 0     |
| 802.11ax HE40     | 134     | 5670           | MCS 0     |
| 802.11ax HE40     | 142     | 5710           | MCS 0     |
| 802.11ax HE40     | 151     | 5755           | MCS 0     |
| 802.11ax HE40     | 159     | 5795           | MCS 0     |
| 802.11ax HE80     | 42      | 5210           | MCS 0     |
| 802.11ax HE80     | 58      | 5290           | MCS 0     |
| 802.11ax HE80     | 106     | 5530           | MCS 0     |
| 802.11ax HE80     | 122     | 5610           | MCS 0     |
| 802.11ax HE80     | 138     | 5690           | MCS 0     |
| 802.11ax HE80     | 155     | 5775           | MCS 0     |
| 802.11ax HE160    | 50      | 5250           | MCS 0     |
| 802.11ax HE160    | 114     | 5570           | MCS 0     |

| 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            | 17    | 17    | 17    | 17    | MT Tool / 0.0.2.88 |
|                             | 40  | 5200            | 17.5  | 17.5  | 17.5  | 17.5  |                    |
|                             | 48  | 5240            | 19    | 19    | 19    | 19    |                    |
|                             | 52  | 5260            | 12.5  | 12.5  | 12.5  | 12.5  |                    |
|                             | 56  | 5280            | 12.5  | 12.5  | 12.5  | 12.5  |                    |
|                             | 64  | 5320            | 12.5  | 12.5  | 12.5  | 12.5  |                    |
|                             | 100 | 5500            | 13    | 13    | 13    | 13    |                    |
|                             | 112 | 5560            | 13.5  | 13.5  | 13.5  | 13.5  |                    |
|                             | 140 | 5700            | 13    | 13    | 13    | 13    |                    |
|                             | 144 | 5720            | 13    | 13    | 13    | 13    |                    |
|                             | 149 | 5745            | 22    | 22    | 22    | 22    |                    |
|                             | 157 | 5785            | 22    | 22    | 22    | 22    |                    |
|                             | 165 | 5825            | 21.5  | 21.5  | 21.5  | 21.5  |                    |
| 802.11n HT20                | 36  | 5180            | 18.5  | 18.5  | 18.5  | 18.5  | MT Tool / 0.0.2.88 |
|                             | 40  | 5200            | 19    | 19    | 19    | 19    |                    |
|                             | 48  | 5240            | 18.5  | 18.5  | 18.5  | 18.5  |                    |
|                             | 52  | 5260            | 12    | 12    | 12    | 12    |                    |
|                             | 56  | 5280            | 12    | 12    | 12    | 12    |                    |
|                             | 64  | 5320            | 12    | 12    | 12    | 12    |                    |
|                             | 100 | 5500            | 13    | 13    | 13    | 13    |                    |
|                             | 112 | 5560            | 13    | 13    | 13    | 13    |                    |
|                             | 140 | 5700            | 13    | 13    | 13    | 13    |                    |
|                             | 144 | 5720            | 13    | 13    | 13    | 13    |                    |
|                             | 149 | 5745            | 22    | 22    | 22    | 22    |                    |
|                             | 157 | 5785            | 22    | 22    | 22    | 22    |                    |
|                             | 165 | 5825            | 22    | 22    | 22    | 22    |                    |
| 802.11n HT40                | 38  | 5190            | 14.5  | 14.5  | 14.5  | 14.5  | MT Tool / 0.0.2.88 |
|                             | 46  | 5230            | 19    | 19    | 19    | 19    |                    |
|                             | 54  | 5270            | 14    | 14    | 14    | 14    |                    |
|                             | 62  | 5310            | 13.5  | 13.5  | 13.5  | 13.5  |                    |
|                             | 102 | 5510            | 14.5  | 14.5  | 14.5  | 14.5  |                    |
|                             | 110 | 5550            | 15    | 15    | 15    | 15    |                    |
|                             | 134 | 5670            | 15    | 15    | 15    | 15    |                    |
|                             | 142 | 5710            | 15.5  | 15.5  | 15.5  | 15.5  |                    |
|                             | 151 | 5755            | 20.5  | 20.5  | 20.5  | 20.5  |                    |
|                             | 159 | 5795            | 21.5  | 21.5  | 21.5  | 21.5  |                    |

|                 |     |      |      |      |      |      |                    |
|-----------------|-----|------|------|------|------|------|--------------------|
| 802.11ac VHT20  | 36  | 5180 | 18.5 | 18.5 | 18.5 | 18.5 | MT Tool / 0.0.2.88 |
|                 | 40  | 5200 | 19   | 19   | 19   | 19   |                    |
|                 | 48  | 5240 | 18.5 | 18.5 | 18.5 | 18.5 |                    |
|                 | 52  | 5260 | 12   | 12   | 12   | 12   |                    |
|                 | 56  | 5280 | 12   | 12   | 12   | 12   |                    |
|                 | 64  | 5320 | 12   | 12   | 12   | 12   |                    |
|                 | 100 | 5500 | 13   | 13   | 13   | 13   |                    |
|                 | 112 | 5560 | 13   | 13   | 13   | 13   |                    |
|                 | 140 | 5700 | 13   | 13   | 13   | 13   |                    |
|                 | 144 | 5720 | 13   | 13   | 13   | 13   |                    |
|                 | 149 | 5745 | 22   | 22   | 22   | 22   |                    |
|                 | 157 | 5785 | 22   | 22   | 22   | 22   |                    |
|                 | 165 | 5825 | 22   | 22   | 22   | 22   |                    |
| 802.11ac VHT40  | 38  | 5190 | 14.5 | 14.5 | 14.5 | 14.5 | MT Tool / 0.0.2.88 |
|                 | 46  | 5230 | 19   | 19   | 19   | 19   |                    |
|                 | 54  | 5270 | 14   | 14   | 14   | 14   |                    |
|                 | 62  | 5310 | 13.5 | 13.5 | 13.5 | 13.5 |                    |
|                 | 102 | 5510 | 14.5 | 14.5 | 14.5 | 14.5 |                    |
|                 | 110 | 5550 | 15   | 15   | 15   | 15   |                    |
|                 | 134 | 5670 | 15   | 15   | 15   | 15   |                    |
|                 | 142 | 5710 | 15.5 | 15.5 | 15.5 | 15.5 |                    |
|                 | 151 | 5755 | 20.5 | 20.5 | 20.5 | 20.5 |                    |
| 802.11ac VHT80  | 159 | 5795 | 21.5 | 21.5 | 21.5 | 21.5 | MT Tool / 0.0.2.88 |
|                 | 42  | 5210 | 10.5 | 10.5 | 10.5 | 10.5 |                    |
|                 | 58  | 5290 | 13.5 | 13.5 | 13.5 | 13.5 |                    |
|                 | 106 | 5530 | 13.5 | 13.5 | 13.5 | 13.5 |                    |
|                 | 122 | 5610 | 14.5 | 14.5 | 14.5 | 14.5 |                    |
|                 | 138 | 5690 | 19   | 19   | 19   | 19   |                    |
| 802.11ac VHT160 | 155 | 5775 | 18   | 18   | 18   | 18   | MT Tool / 0.0.2.88 |
|                 | 50  | 5250 | 16.5 | 16.5 | 16.5 | 16.5 |                    |
|                 | 114 | 5570 | 17   | 17   | 17   | 17   |                    |

|                |     |      |      |      |      |      |                    |
|----------------|-----|------|------|------|------|------|--------------------|
| 802.11ax HE20  | 36  | 5180 | 18   | 18   | 18   | 18   | MT Tool / 0.0.2.88 |
|                | 40  | 5200 | 18   | 18   | 18   | 18   |                    |
|                | 48  | 5240 | 18.5 | 18.5 | 18.5 | 18.5 |                    |
|                | 52  | 5260 | 12.5 | 12.5 | 12.5 | 12.5 |                    |
|                | 56  | 5280 | 12.5 | 12.5 | 12.5 | 12.5 |                    |
|                | 64  | 5320 | 12.5 | 12.5 | 12.5 | 12.5 |                    |
|                | 100 | 5500 | 13   | 13   | 13   | 13   |                    |
|                | 112 | 5560 | 13.5 | 13.5 | 13.5 | 13.5 |                    |
|                | 140 | 5700 | 13.5 | 13.5 | 13.5 | 13.5 |                    |
|                | 144 | 5720 | 13.5 | 13.5 | 13.5 | 13.5 |                    |
|                | 149 | 5745 | 22   | 22   | 22   | 22   |                    |
|                | 157 | 5785 | 22   | 22   | 22   | 22   |                    |
| 802.11ax HE40  | 165 | 5825 | 22   | 22   | 22   | 22   | MT Tool / 0.0.2.88 |
|                | 38  | 5190 | 16.5 | 16.5 | 16.5 | 16.5 |                    |
|                | 46  | 5230 | 19.5 | 19.5 | 19.5 | 19.5 |                    |
|                | 54  | 5270 | 14.5 | 14.5 | 14.5 | 14.5 |                    |
|                | 62  | 5310 | 14   | 14   | 14   | 14   |                    |
|                | 102 | 5510 | 14.5 | 14.5 | 14.5 | 14.5 |                    |
|                | 110 | 5550 | 15   | 15   | 15   | 15   |                    |
|                | 134 | 5670 | 15   | 15   | 15   | 15   |                    |
|                | 142 | 5710 | 15.5 | 15.5 | 15.5 | 15.5 |                    |
| 802.11ax HE80  | 151 | 5755 | 20.5 | 20.5 | 20.5 | 20.5 | MT Tool / 0.0.2.88 |
|                | 159 | 5795 | 21.5 | 21.5 | 21.5 | 21.5 |                    |
|                | 42  | 5210 | 13   | 13   | 13   | 13   |                    |
|                | 58  | 5290 | 14.5 | 14.5 | 14.5 | 14.5 |                    |
|                | 106 | 5530 | 13.5 | 13.5 | 13.5 | 13.5 |                    |
|                | 122 | 5610 | 14.5 | 14.5 | 14.5 | 14.5 |                    |
| 802.11ax HE160 | 138 | 5690 | 16   | 16   | 16   | 16   | MT Tool / 0.0.2.88 |
|                | 155 | 5775 | 17.5 | 17.5 | 17.5 | 17.5 |                    |
|                | 50  | 5250 | 14.5 | 14.5 | 14.5 | 14.5 | MT Tool / 0.0.2.88 |
|                | 114 | 5570 | 14   | 14   | 14   | 14   |                    |

| 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            | 17.98         | 18.02 | 18.18 | 19.51 | 24.49 | 30.00 |
|                                            | 40  | 5200            | 18.39         | 18.46 | 18.56 | 20.15 | 24.98 | 30.00 |
|                                            | 48  | 5240            | 20.45         | 20.21 | 19.93 | 21.41 | 26.56 | 30.00 |
|                                            | 52  | 5260            | 14.08         | 14.15 | 14.14 | 15.17 | 20.43 | 24.00 |
|                                            | 56  | 5280            | 14.33         | 14.29 | 14.30 | 15.16 | 20.56 | 24.00 |
|                                            | 64  | 5320            | 14.27         | 14.25 | 14.81 | 16.15 | 20.96 | 24.00 |
|                                            | 100 | 5500            | 13.87         | 14.29 | 14.43 | 15.06 | 20.45 | 24.00 |
|                                            | 112 | 5560            | 14.12         | 13.93 | 14.22 | 15.86 | 20.63 | 24.00 |
|                                            | 140 | 5700            | 13.46         | 14.10 | 14.18 | 15.45 | 20.38 | 24.00 |
|                                            | 144 | 5720            | 13.58         | 14.44 | 14.19 | 15.56 | 20.52 | 24.00 |
|                                            | 149 | 5745            | 21.27         | 21.92 | 20.95 | 22.54 | 27.73 | 30.00 |
|                                            | 157 | 5785            | 21.45         | 22.22 | 21.37 | 22.68 | 27.99 | 30.00 |
|                                            | 165 | 5825            | 21.09         | 21.55 | 20.71 | 21.98 | 27.38 | 30.00 |
| 802.11n HT20                               | 36  | 5180            | 19.61         | 19.63 | 19.87 | 21.11 | 26.12 | 28.33 |
|                                            | 40  | 5200            | 20.23         | 20.14 | 20.23 | 21.41 | 26.56 | 28.33 |
|                                            | 48  | 5240            | 20.00         | 20.13 | 19.87 | 21.00 | 26.30 | 28.33 |
|                                            | 52  | 5260            | 14.71         | 14.92 | 14.69 | 15.68 | 21.04 | 22.31 |
|                                            | 56  | 5280            | 14.82         | 14.92 | 14.80 | 15.67 | 21.09 | 22.31 |
|                                            | 64  | 5320            | 14.70         | 14.72 | 15.21 | 16.45 | 21.35 | 22.31 |
|                                            | 100 | 5500            | 14.83         | 15.38 | 15.36 | 16.23 | 21.50 | 22.32 |
|                                            | 112 | 5560            | 13.77         | 13.49 | 13.83 | 15.48 | 20.24 | 22.32 |
|                                            | 140 | 5700            | 13.66         | 14.17 | 14.34 | 15.57 | 20.52 | 22.32 |
|                                            | 144 | 5720            | 13.69         | 14.40 | 14.17 | 15.60 | 20.55 | 22.32 |
|                                            | 149 | 5745            | 21.40         | 22.03 | 20.99 | 22.71 | 27.85 | 28.29 |
|                                            | 157 | 5785            | 21.40         | 22.09 | 21.33 | 22.69 | 27.94 | 28.29 |
|                                            | 165 | 5825            | 21.65         | 21.99 | 21.27 | 22.49 | 27.90 | 28.29 |
| 802.11n HT40                               | 38  | 5190            | 15.56         | 15.65 | 15.52 | 16.63 | 21.88 | 28.33 |
|                                            | 46  | 5230            | 20.60         | 20.33 | 20.03 | 20.98 | 26.52 | 28.33 |
|                                            | 54  | 5270            | 15.80         | 15.79 | 15.70 | 16.61 | 22.01 | 22.31 |
|                                            | 62  | 5310            | 15.41         | 15.13 | 15.75 | 17.13 | 21.94 | 22.31 |
|                                            | 102 | 5510            | 15.71         | 15.94 | 16.13 | 16.75 | 22.17 | 22.32 |
|                                            | 110 | 5550            | 15.15         | 15.07 | 15.62 | 16.93 | 21.78 | 22.32 |
|                                            | 134 | 5670            | 14.59         | 15.15 | 15.63 | 16.45 | 21.53 | 22.32 |
|                                            | 142 | 5710            | 15.82         | 16.41 | 16.50 | 17.73 | 22.69 | 28.29 |
|                                            | 151 | 5755            | 20.24         | 21.13 | 20.31 | 21.96 | 26.99 | 28.29 |
|                                            | 159 | 5795            | 21.12         | 21.89 | 21.32 | 22.59 | 27.79 | 28.29 |

| Mode            | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|-----------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
|                 |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                 |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dBm   |
| 802.11ac VHT20  | 36  | 5180            | 19.92         | 19.93 | 20.17 | 21.46 | 26.44 | 28.33 |
|                 | 40  | 5200            | 20.62         | 20.50 | 20.63 | 21.81 | 26.95 | 28.33 |
|                 | 48  | 5240            | 20.30         | 20.21 | 19.93 | 21.16 | 26.45 | 28.33 |
|                 | 52  | 5260            | 14.78         | 15.00 | 14.86 | 15.84 | 21.16 | 22.31 |
|                 | 56  | 5280            | 14.94         | 15.01 | 14.93 | 15.80 | 21.21 | 22.31 |
|                 | 64  | 5320            | 14.79         | 14.81 | 15.30 | 16.71 | 21.50 | 22.31 |
|                 | 100 | 5500            | 14.99         | 15.51 | 15.49 | 16.12 | 21.57 | 22.32 |
|                 | 112 | 5560            | 14.09         | 13.83 | 14.16 | 15.80 | 20.56 | 22.32 |
|                 | 140 | 5700            | 14.06         | 14.57 | 14.72 | 15.96 | 20.91 | 22.32 |
|                 | 144 | 5720            | 14.09         | 14.72 | 14.53 | 16.04 | 20.93 | 28.29 |
|                 | 149 | 5745            | 21.80         | 22.42 | 21.45 | 23.09 | 28.26 | 28.29 |
|                 | 157 | 5785            | 21.72         | 22.45 | 21.66 | 23.04 | 28.28 | 28.29 |
|                 | 165 | 5825            | 22.00         | 22.32 | 21.65 | 22.82 | 28.24 | 28.29 |
| 802.11ac VHT40  | 38  | 5190            | 15.92         | 16.02 | 15.93 | 17.33 | 22.36 | 28.33 |
|                 | 46  | 5230            | 20.73         | 20.49 | 20.33 | 21.35 | 26.76 | 28.33 |
|                 | 54  | 5270            | 16.03         | 15.99 | 15.95 | 16.95 | 22.27 | 22.31 |
|                 | 62  | 5310            | 15.57         | 15.47 | 16.05 | 17.38 | 22.21 | 22.31 |
|                 | 102 | 5510            | 15.87         | 16.14 | 16.16 | 16.85 | 22.29 | 22.32 |
|                 | 110 | 5550            | 15.47         | 15.35 | 15.93 | 17.30 | 22.10 | 22.32 |
|                 | 134 | 5670            | 14.94         | 15.46 | 16.04 | 16.89 | 21.91 | 22.32 |
|                 | 142 | 5710            | 16.17         | 16.72 | 16.83 | 18.08 | 23.03 | 28.29 |
|                 | 151 | 5755            | 20.54         | 21.44 | 20.64 | 22.23 | 27.29 | 28.29 |
|                 | 159 | 5795            | 21.47         | 22.27 | 21.66 | 22.95 | 28.15 | 28.29 |
| 802.11ac VHT80  | 42  | 5210            | 13.14         | 13.29 | 13.27 | 14.66 | 19.66 | 28.33 |
|                 | 58  | 5290            | 15.26         | 15.17 | 14.79 | 16.10 | 21.38 | 22.31 |
|                 | 106 | 5530            | 14.63         | 14.71 | 14.80 | 15.76 | 21.02 | 22.32 |
|                 | 122 | 5610            | 15.77         | 16.06 | 15.80 | 16.80 | 22.15 | 22.32 |
|                 | 138 | 5690            | 19.01         | 19.45 | 20.02 | 20.99 | 25.95 | 28.29 |
|                 | 155 | 5775            | 18.15         | 18.93 | 19.03 | 20.05 | 25.11 | 28.29 |
| 802.11ac VHT160 | 50  | 5250            | 15.68         | 15.75 | 15.92 | 17.00 | 22.14 | 22.31 |
|                 | 114 | 5570            | 15.17         | 15.32 | 15.78 | 17.12 | 21.94 | 22.32 |

| Mode           | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|----------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
|                |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dBm   |
| 802.11ax HE20  | 36  | 5180            | 19.10         | 19.33 | 19.65 | 20.80 | 25.79 | 28.33 |
|                | 40  | 5200            | 19.38         | 19.16 | 19.22 | 20.63 | 25.66 | 28.33 |
|                | 48  | 5240            | 20.26         | 19.91 | 19.66 | 21.17 | 26.31 | 28.33 |
|                | 52  | 5260            | 14.60         | 14.80 | 14.67 | 15.64 | 20.97 | 22.31 |
|                | 56  | 5280            | 14.75         | 14.78 | 14.68 | 15.55 | 20.98 | 22.31 |
|                | 64  | 5320            | 14.62         | 14.59 | 15.10 | 16.43 | 21.27 | 22.31 |
|                | 100 | 5500            | 14.36         | 14.88 | 14.94 | 15.55 | 20.97 | 22.32 |
|                | 112 | 5560            | 14.49         | 14.47 | 14.65 | 16.28 | 21.06 | 22.32 |
|                | 140 | 5700            | 14.00         | 14.62 | 14.68 | 15.94 | 20.89 | 22.32 |
|                | 144 | 5720            | 14.36         | 15.06 | 14.94 | 16.30 | 21.25 | 22.32 |
|                | 149 | 5745            | 21.86         | 22.36 | 21.36 | 23.03 | 28.22 | 28.29 |
|                | 157 | 5785            | 21.71         | 22.36 | 21.48 | 22.85 | 28.15 | 28.29 |
|                | 165 | 5825            | 21.67         | 22.06 | 21.29 | 22.48 | 27.92 | 28.29 |
| 802.11ax HE40  | 38  | 5190            | 17.60         | 17.78 | 17.95 | 19.23 | 24.21 | 28.33 |
|                | 46  | 5230            | 21.05         | 20.90 | 20.61 | 21.62 | 27.08 | 28.33 |
|                | 54  | 5270            | 15.97         | 15.94 | 15.81 | 16.86 | 22.19 | 22.31 |
|                | 62  | 5310            | 15.56         | 15.38 | 15.96 | 17.32 | 22.15 | 22.31 |
|                | 102 | 5510            | 15.46         | 15.76 | 15.85 | 16.52 | 21.94 | 22.32 |
|                | 110 | 5550            | 15.38         | 15.32 | 15.87 | 17.27 | 22.06 | 22.32 |
|                | 134 | 5670            | 15.06         | 15.45 | 16.14 | 16.97 | 21.99 | 22.32 |
|                | 142 | 5710            | 16.02         | 16.61 | 16.77 | 17.95 | 22.92 | 28.29 |
|                | 151 | 5755            | 20.40         | 21.14 | 20.28 | 22.06 | 27.05 | 28.29 |
|                | 159 | 5795            | 21.26         | 22.05 | 21.36 | 22.67 | 27.89 | 28.29 |
| 802.11ax HE80  | 42  | 5210            | 14.19         | 14.22 | 14.25 | 15.65 | 20.65 | 28.33 |
|                | 58  | 5290            | 15.69         | 15.51 | 15.44 | 16.42 | 21.80 | 22.31 |
|                | 106 | 5530            | 14.45         | 14.59 | 14.76 | 15.55 | 20.88 | 22.32 |
|                | 122 | 5610            | 15.92         | 16.27 | 15.80 | 16.80 | 22.24 | 22.32 |
|                | 138 | 5690            | 15.79         | 16.28 | 16.98 | 17.75 | 22.79 | 28.29 |
|                | 155 | 5775            | 17.44         | 18.24 | 18.46 | 19.36 | 24.45 | 28.29 |
| 802.11ax HE160 | 50  | 5250            | 14.46         | 14.83 | 14.47 | 15.69 | 20.92 | 22.31 |
|                | 114 | 5570            | 13.59         | 13.50 | 13.64 | 14.65 | 19.89 | 22.32 |

| 26 dB & 99 % RF Modewidth Measurement |     |                |                   |         |         |         |                    |         |         |         |
|---------------------------------------|-----|----------------|-------------------|---------|---------|---------|--------------------|---------|---------|---------|
| Mode                                  | CH  | Freq.<br>(MHz) | 99 %<br>Modewidth |         |         |         | 26 dB<br>Modewidth |         |         |         |
|                                       |     |                | 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           | 17.359            | 17.333  | 17.205  | 17.289  | 30.520             | 31.170  | 29.270  | 28.660  |
|                                       | 40  | 5200           | 17.432            | 17.433  | 17.186  | 17.343  | 32.890             | 30.280  | 28.670  | 33.380  |
|                                       | 48  | 5240           | 17.495            | 17.350  | 17.406  | 18.593  | 31.840             | 34.350  | 33.200  | 41.100  |
|                                       | 52  | 5260           | 17.026            | 16.968  | 16.927  | 16.885  | 22.260             | 22.100  | 21.700  | 21.700  |
|                                       | 56  | 5280           | 17.061            | 17.009  | 16.886  | 16.875  | 22.680             | 22.060  | 21.980  | 21.620  |
|                                       | 64  | 5320           | 17.291            | 17.138  | 17.206  | 17.230  | 28.790             | 28.760  | 29.350  | 28.200  |
|                                       | 100 | 5500           | 17.301            | 17.242  | 17.177  | 17.185  | 27.490             | 28.230  | 27.770  | 32.350  |
|                                       | 112 | 5560           | 17.055            | 17.078  | 16.905  | 16.878  | 22.380             | 22.020  | 21.820  | 21.450  |
|                                       | 140 | 5700           | 17.250            | 17.205  | 17.087  | 17.076  | 27.430             | 27.200  | 25.190  | 26.330  |
|                                       | 144 | 5720           | 13.502            | 13.497  | 13.542  | 13.506  | 16.000             | 16.460  | 16.670  | 17.230  |
| 802.11ac VHT20                        | 36  | 5180           | 18.446            | 18.253  | 18.295  | 19.132  | 28.740             | 29.180  | 29.580  | 38.380  |
|                                       | 40  | 5200           | 18.504            | 18.323  | 18.531  | 20.906  | 35.010             | 33.170  | 35.980  | 41.720  |
|                                       | 48  | 5240           | 18.353            | 18.354  | 18.302  | 19.066  | 30.830             | 36.170  | 36.920  | 41.730  |
|                                       | 52  | 5260           | 18.207            | 17.940  | 17.997  | 18.032  | 22.830             | 21.940  | 22.690  | 22.400  |
|                                       | 56  | 5280           | 18.256            | 17.946  | 18.005  | 18.016  | 23.130             | 22.470  | 22.560  | 22.170  |
|                                       | 64  | 5320           | 18.479            | 18.210  | 18.286  | 18.323  | 33.670             | 28.240  | 28.550  | 30.520  |
|                                       | 100 | 5500           | 18.450            | 18.210  | 18.325  | 18.362  | 30.130             | 33.070  | 32.300  | 32.540  |
|                                       | 112 | 5560           | 18.193            | 17.919  | 17.999  | 18.067  | 22.730             | 21.960  | 21.810  | 23.040  |
|                                       | 140 | 5700           | 18.397            | 18.169  | 18.217  | 18.203  | 28.950             | 26.490  | 27.350  | 28.580  |
|                                       | 144 | 5720           | 14.098            | 14.021  | 14.052  | 14.065  | 16.670             | 16.260  | 16.200  | 16.410  |
| 802.11ac VHT40                        | 38  | 5190           | 36.659            | 36.531  | 36.598  | 36.622  | 55.970             | 48.100  | 55.870  | 55.530  |
|                                       | 46  | 5230           | 37.117            | 36.880  | 36.995  | 38.626  | 67.010             | 66.610  | 66.800  | 75.910  |
|                                       | 54  | 5270           | 36.318            | 36.215  | 36.242  | 36.282  | 41.380             | 40.640  | 40.850  | 40.820  |
|                                       | 62  | 5310           | 36.704            | 36.372  | 36.518  | 36.588  | 55.930             | 47.260  | 46.510  | 47.420  |
|                                       | 102 | 5510           | 36.576            | 36.592  | 36.508  | 36.466  | 51.050             | 44.570  | 43.890  | 43.060  |
|                                       | 110 | 5550           | 36.291            | 36.225  | 36.389  | 36.371  | 41.420             | 40.990  | 40.790  | 41.190  |
|                                       | 134 | 5670           | 36.763            | 36.530  | 36.729  | 36.647  | 54.560             | 51.680  | 56.470  | 59.740  |
|                                       | 142 | 5710           | 33.014            | 32.946  | 33.059  | 33.087  | 35.590             | 35.270  | 36.980  | 36.170  |
| 802.11ac VHT80                        | 42  | 5210           | 75.544            | 75.630  | 75.487  | 75.599  | 100.110            | 107.140 | 100.300 | 95.050  |
|                                       | 58  | 5290           | 75.574            | 75.666  | 75.502  | 75.588  | 103.060            | 105.130 | 104.040 | 100.270 |
|                                       | 106 | 5530           | 75.537            | 75.603  | 75.457  | 75.569  | 100.440            | 102.560 | 90.260  | 98.790  |
|                                       | 122 | 5610           | 75.278            | 75.267  | 75.258  | 75.253  | 80.340             | 80.230  | 80.290  | 80.160  |
|                                       | 138 | 5690           | 72.236            | 72.261  | 72.485  | 72.518  | 75.350             | 78.010  | 123.120 | 100.810 |
| 802.11ac VHT160                       | 50  | 5250           | 76.924            | 76.744  | 76.419  | 76.796  | 83.240             | 80.500  | 87.340  | 84.860  |
|                                       | 50  | 5250           | 76.856            | 76.533  | 76.239  | 76.855  | 85.770             | 85.460  | 82.920  | 84.260  |
|                                       | 114 | 5570           | 154.035           | 153.883 | 154.193 | 153.903 | 162.240            | 162.430 | 167.460 | 163.110 |
|                                       |     |                |                   |         |         |         |                    |         |         |         |

| Mode           | CH  | Freq.<br>(MHz) | 99 %<br>Modewidth |         |         |         | 26 dB<br>Modewidth |         |         |         |
|----------------|-----|----------------|-------------------|---------|---------|---------|--------------------|---------|---------|---------|
|                |     |                | Ant-0             | Ant-1   | Ant-2   | Ant-3   | Ant-0              | Ant-1   | Ant-2   | Ant-3   |
|                |     |                | MHz               | MHz     | MHz     | MHz     | MHz                | MHz     | MHz     | MHz     |
| 802.11ax HE20  | 36  | 5180           | 19.354            | 19.362  | 19.318  | 19.443  | 28.550             | 30.420  | 27.190  | 36.190  |
|                | 40  | 5200           | 19.388            | 19.441  | 19.383  | 19.531  | 33.630             | 35.320  | 28.960  | 34.340  |
|                | 48  | 5240           | 19.094            | 19.101  | 19.133  | 19.270  | 21.970             | 38.930  | 29.710  | 42.390  |
|                | 52  | 5260           | 19.190            | 19.182  | 19.185  | 19.251  | 22.770             | 22.360  | 22.720  | 22.580  |
|                | 56  | 5280           | 19.276            | 19.151  | 19.171  | 19.226  | 22.850             | 22.080  | 22.470  | 22.680  |
|                | 64  | 5320           | 19.399            | 19.265  | 19.388  | 19.315  | 27.800             | 30.690  | 29.520  | 27.600  |
|                | 100 | 5500           | 19.442            | 19.394  | 19.382  | 19.347  | 31.690             | 28.690  | 28.150  | 30.570  |
|                | 112 | 5560           | 19.193            | 19.239  | 19.252  | 19.253  | 23.440             | 22.520  | 22.990  | 22.760  |
|                | 140 | 5700           | 19.316            | 19.386  | 19.262  | 19.419  | 29.460             | 28.640  | 25.340  | 26.440  |
|                | 144 | 5720           | 14.688            | 14.683  | 14.668  | 14.716  | 16.540             | 16.340  | 16.350  | 19.230  |
| 802.11ax HE40  | 38  | 5190           | 37.749            | 37.727  | 37.830  | 37.838  | 47.380             | 46.010  | 49.730  | 52.050  |
|                | 46  | 5230           | 37.873            | 37.932  | 37.938  | 38.496  | 56.100             | 57.300  | 59.580  | 80.400  |
|                | 54  | 5270           | 37.642            | 37.602  | 37.634  | 37.650  | 39.830             | 40.000  | 39.960  | 39.970  |
|                | 62  | 5310           | 37.865            | 37.772  | 37.769  | 37.818  | 48.640             | 42.770  | 50.140  | 46.900  |
|                | 102 | 5510           | 37.746            | 37.837  | 37.817  | 37.841  | 52.020             | 46.960  | 46.450  | 47.950  |
|                | 110 | 5550           | 37.624            | 37.729  | 37.716  | 37.755  | 39.970             | 39.920  | 39.890  | 40.040  |
|                | 134 | 5670           | 37.911            | 37.881  | 37.940  | 37.937  | 54.420             | 52.860  | 53.930  | 50.340  |
|                | 142 | 5710           | 33.724            | 33.607  | 33.624  | 33.740  | 34.990             | 34.970  | 37.650  | 35.060  |
| 802.11ax HE80  | 42  | 5210           | 77.162            | 77.257  | 77.189  | 77.276  | 98.030             | 93.480  | 94.830  | 91.240  |
|                | 58  | 5290           | 77.193            | 77.339  | 77.163  | 77.328  | 88.730             | 98.640  | 95.980  | 95.030  |
|                | 106 | 5530           | 77.322            | 77.075  | 77.124  | 77.210  | 86.220             | 94.450  | 83.240  | 93.580  |
|                | 122 | 5610           | 76.878            | 76.879  | 76.921  | 76.814  | 81.070             | 80.970  | 80.960  | 80.800  |
|                | 138 | 5690           | 73.037            | 72.977  | 73.215  | 73.109  | 75.520             | 75.600  | 75.740  | 82.850  |
| 802.11ax HE160 | 50  | 5250           | 77.802            | 77.747  | 77.706  | 77.718  | 80.500             | 80.690  | 80.820  | 80.680  |
|                | 50  | 5250           | 77.597            | 77.534  | 77.558  | 77.481  | 80.540             | 80.600  | 80.890  | 80.750  |
|                | 114 | 5570           | 155.546           | 155.641 | 155.355 | 155.296 | 162.740            | 163.380 | 163.340 | 163.790 |

| Mode III_6 dB & 99 % RF Modewidth Measurement |     |                |                   |        |        |        |                   |       |       |       |                      |
|-----------------------------------------------|-----|----------------|-------------------|--------|--------|--------|-------------------|-------|-------|-------|----------------------|
| Mode                                          | CH  | Freq.<br>(MHz) | 99 %<br>Modewidth |        |        |        | 6 dB<br>Modewidth |       |       |       | 6dB Limit<br>For FCC |
|                                               |     |                | 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           | 3.876             | 3.822  | 3.890  | 3.945  | 3131              | 3136  | 3137  | 3139  | ≥ 500 kHz            |
|                                               | 149 | 5745           | 20.530            | 23.212 | 26.709 | 28.595 | 16370             | 16360 | 16380 | 16370 |                      |
|                                               | 157 | 5785           | 20.608            | 24.170 | 28.120 | 31.041 | 16360             | 16370 | 16370 | 16380 |                      |
|                                               | 165 | 5825           | 19.538            | 21.045 | 23.891 | 26.478 | 16360             | 16360 | 16340 | 16370 |                      |
| 802.11ax HE20                                 | 144 | 5720           | 4.661             | 4.701  | 4.739  | 4.773  | 4509              | 4560  | 4483  | 4441  |                      |
|                                               | 149 | 5745           | 21.915            | 24.300 | 30.562 | 33.242 | 19030             | 18970 | 18970 | 18950 |                      |
|                                               | 157 | 5785           | 21.220            | 26.150 | 29.256 | 32.312 | 19020             | 18920 | 18870 | 18870 |                      |
|                                               | 165 | 5825           | 22.037            | 23.694 | 26.797 | 30.234 | 19030             | 19010 | 18740 | 18920 |                      |
| 802.11ax HE40                                 | 142 | 5710           | 4.094             | 4.109  | 4.234  | 4.357  | 3988              | 4014  | 4038  | 4037  |                      |
|                                               | 151 | 5755           | 38.103            | 38.504 | 40.592 | 43.396 | 35850             | 36360 | 35130 | 36530 |                      |
|                                               | 159 | 5795           | 38.547            | 40.969 | 49.771 | 54.666 | 37110             | 35830 | 36360 | 37450 |                      |
| 802.11ax HE80                                 | 138 | 5690           | 4.179             | 4.185  | 4.473  | 4.417  | 3988              | 3959  | 3911  | 3882  |                      |
|                                               | 155 | 5775           | 76.815            | 76.988 | 77.171 | 77.306 | 75130             | 75140 | 75130 | 75190 |                      |

| 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 | dB          | dBm/MHz    | dBm/MHz |
| 802.11a                            | 36  | 5180            | 6.029       | 5.966   | 6.054   | 7.291   | 0.241       | 12.633     | 15.330  |
|                                    | 40  | 5200            | 6.210       | 6.303   | 6.668   | 8.159   | 0.241       | 13.171     | 15.330  |
|                                    | 48  | 5240            | 8.267       | 8.201   | 7.909   | 9.276   | 0.241       | 14.706     | 15.330  |
|                                    | 52  | 5260            | 2.292       | 2.403   | 2.088   | 3.157   | 0.241       | 8.765      | 9.310   |
|                                    | 56  | 5280            | 2.610       | 2.720   | 2.678   | 3.574   | 0.241       | 9.175      | 9.310   |
|                                    | 64  | 5320            | 2.209       | 2.506   | 2.694   | 4.228   | 0.241       | 9.244      | 9.310   |
|                                    | 100 | 5500            | 2.412       | 2.519   | 2.740   | 3.549   | 0.241       | 9.090      | 9.320   |
|                                    | 112 | 5560            | 2.161       | 2.725   | 2.777   | 4.168   | 0.241       | 9.284      | 9.320   |
|                                    | 140 | 5700            | 1.232       | 2.988   | 2.425   | 3.616   | 0.241       | 8.912      | 9.320   |
|                                    | 144 | 5720            | 1.759       | 3.151   | 2.297   | 3.832   | 0.241       | 9.093      | 9.320   |

|                 |     |      |        |        |        |        |       |        |        |
|-----------------|-----|------|--------|--------|--------|--------|-------|--------|--------|
| 802.11ac VHT20  | 36  | 5180 | 7.034  | 7.149  | 7.240  | 8.665  | 0.770 | 14.367 | 15.330 |
|                 | 40  | 5200 | 7.571  | 7.762  | 7.683  | 8.901  | 0.770 | 14.805 | 15.330 |
|                 | 48  | 5240 | 7.899  | 7.751  | 7.538  | 8.714  | 0.770 | 14.790 | 15.330 |
|                 | 52  | 5260 | 1.413  | 1.528  | 1.358  | 2.522  | 0.770 | 8.523  | 9.310  |
|                 | 56  | 5280 | 1.706  | 1.481  | 1.287  | 2.730  | 0.770 | 8.629  | 9.310  |
|                 | 64  | 5320 | 1.351  | 1.021  | 1.645  | 2.796  | 0.770 | 8.548  | 9.310  |
|                 | 100 | 5500 | 1.995  | 2.248  | 1.918  | 2.988  | 0.770 | 9.099  | 9.320  |
|                 | 112 | 5560 | 0.888  | 1.663  | 1.646  | 3.243  | 0.770 | 8.739  | 9.320  |
|                 | 140 | 5700 | 0.724  | 2.489  | 1.792  | 1.808  | 0.770 | 8.539  | 9.320  |
|                 | 144 | 5720 | 0.833  | 2.584  | 1.673  | 3.283  | 0.770 | 8.982  | 9.320  |
| 802.11ac VHT40  | 38  | 5190 | 1.133  | 1.249  | 0.925  | 2.633  | 0.809 | 8.369  | 15.330 |
|                 | 46  | 5230 | 6.358  | 6.033  | 5.797  | 6.658  | 0.809 | 13.053 | 15.330 |
|                 | 54  | 5270 | 1.990  | 2.057  | 2.042  | 3.218  | 0.809 | 9.188  | 9.310  |
|                 | 62  | 5310 | 1.279  | 1.048  | 1.953  | 3.614  | 0.809 | 8.925  | 9.310  |
|                 | 102 | 5510 | 1.330  | 1.169  | 1.834  | 2.209  | 0.809 | 8.484  | 9.320  |
|                 | 110 | 5550 | 1.132  | 1.594  | 2.124  | 3.437  | 0.809 | 8.990  | 9.320  |
|                 | 134 | 5670 | 0.600  | 1.978  | 2.186  | 3.482  | 0.809 | 9.010  | 9.320  |
|                 | 142 | 5710 | 1.115  | 2.026  | 1.883  | 3.199  | 0.809 | 8.950  | 9.320  |
| 802.11ac VHT80  | 42  | 5210 | -5.588 | -5.809 | -5.589 | -4.175 | 0.791 | 1.573  | 15.330 |
|                 | 58  | 5290 | -2.432 | -2.595 | -2.715 | -1.881 | 0.791 | 4.418  | 9.310  |
|                 | 106 | 5530 | -3.058 | -2.901 | -2.327 | -1.834 | 0.791 | 4.309  | 9.320  |
|                 | 122 | 5610 | -1.702 | -1.503 | -2.045 | -1.188 | 0.791 | 5.213  | 9.320  |
|                 | 138 | 5690 | -1.664 | -0.658 | -0.501 | 0.917  | 0.791 | 6.435  | 9.320  |
| 802.11ac VHT160 | 50  | 5250 | -3.445 | -3.330 | -4.175 | -2.385 | 2.071 | 4.805  | 15.330 |
|                 | 50  | 5250 | -3.386 | -2.733 | -3.980 | -2.215 | 2.071 | 5.064  | 9.310  |
|                 | 114 | 5570 | -5.437 | -5.207 | -4.634 | -3.333 | 2.071 | 3.519  | 9.320  |

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

| 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    |        |
| 802.11ax HE20 | 36  | 5180            | 6.632       | 6.566   | 6.874   | 7.818   | 0.270       | 13.293     | 15.330 |
|               | 40  | 5200            | 6.512       | 6.342   | 6.719   | 7.809   | 0.270       | 13.175     | 15.330 |
|               | 48  | 5240            | 7.762       | 7.342   | 7.339   | 8.460   | 0.270       | 14.041     | 15.330 |
|               | 52  | 5260            | 2.620       | 2.979   | 2.608   | 3.637   | 0.270       | 9.272      | 9.310  |
|               | 56  | 5280            | 2.475       | 2.422   | 2.705   | 3.421   | 0.270       | 9.065      | 9.310  |
|               | 64  | 5320            | 2.068       | 2.113   | 2.595   | 4.000   | 0.270       | 9.059      | 9.310  |
|               | 100 | 5500            | 2.276       | 2.566   | 2.757   | 3.371   | 0.270       | 9.052      | 9.320  |
|               | 112 | 5560            | 1.954       | 2.626   | 2.858   | 4.239   | 0.270       | 9.292      | 9.320  |
|               | 140 | 5700            | 1.377       | 3.129   | 2.529   | 3.814   | 0.270       | 9.093      | 9.320  |
|               | 144 | 5720            | 1.497       | 3.365   | 2.586   | 3.926   | 0.270       | 9.227      | 9.320  |
| 802.11ax HE40 | 38  | 5190            | 3.361       | 3.124   | 3.641   | 4.381   | 0.270       | 9.944      | 15.330 |
|               | 46  | 5230            | 6.929       | 6.773   | 6.346   | 7.435   | 0.270       | 13.179     | 15.330 |
|               | 54  | 5270            | 2.072       | 2.140   | 2.297   | 3.192   | 0.270       | 8.740      | 9.310  |
|               | 62  | 5310            | 1.511       | 1.256   | 2.087   | 3.255   | 0.270       | 8.389      | 9.310  |
|               | 102 | 5510            | 1.529       | 1.985   | 2.149   | 2.494   | 0.270       | 8.344      | 9.320  |
|               | 110 | 5550            | 1.082       | 1.605   | 2.404   | 3.236   | 0.270       | 8.450      | 9.320  |
|               | 134 | 5670            | 0.862       | 1.328   | 1.861   | 3.120   | 0.270       | 8.168      | 9.320  |
|               | 142 | 5710            | 1.038       | 2.950   | 2.565   | 3.700   | 0.270       | 8.957      | 9.320  |
| 802.11ax HE80 | 42  | 5210            | -3.040      | -3.080  | -2.789  | -1.758  | 0.271       | 3.659      | 15.330 |
|               | 58  | 5290            | -1.250      | -1.330  | -1.230  | -0.423  | 0.271       | 5.250      | 9.310  |
|               | 106 | 5530            | -2.713      | -2.443  | -2.012  | -1.492  | 0.271       | 4.151      | 9.320  |
|               | 122 | 5610            | -1.651      | -1.084  | -1.351  | -0.655  | 0.271       | 5.122      | 9.320  |
|               | 138 | 5690            | -1.430      | -0.560  | -0.184  | 1.093   | 0.271       | 6.118      | 9.320  |

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

| Band III_ Power Spectral Density Measurement |     |                 |             |             |             |             |             |             |             |             |             |            |             |           |
|----------------------------------------------|-----|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-----------|
| Band                                         | 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 |           |
| 802.11a                                      | 144 | 5720            | -7.968      | -0.738      | -6.169      | 1.061       | -6.407      | 0.823       | -5.552      | 1.678       | 0.241       | 6.813      | 28.29       | PASS      |
|                                              | 149 | 5745            | 0.299       | 7.529       | 1.456       | 8.686       | 0.238       | 7.468       | 1.494       | 8.724       | 0.241       | 14.164     | 28.29       | PASS      |
|                                              | 157 | 5785            | 0.757       | 7.987       | 1.443       | 8.673       | 1.255       | 8.485       | 2.234       | 9.464       | 0.241       | 14.706     | 28.29       | PASS      |
|                                              | 165 | 5825            | 0.051       | 7.281       | 0.277       | 7.507       | 0.304       | 7.534       | 0.884       | 8.114       | 0.241       | 13.641     | 28.29       | PASS      |
| 802.11ac VHT20                               | 144 | 5720            | -7.481      | 0.279       | -5.745      | 2.015       | -7.178      | 0.582       | -4.466      | 3.294       | 0.770       | 7.734      | 28.29       | PASS      |
|                                              | 149 | 5745            | 1.561       | 9.321       | 2.197       | 9.957       | 0.516       | 8.276       | 2.697       | 10.457      | 0.770       | 15.598     | 28.29       | PASS      |
|                                              | 157 | 5785            | 0.972       | 8.732       | 1.205       | 8.965       | 1.007       | 8.767       | 2.572       | 10.332      | 0.770       | 15.273     | 28.29       | PASS      |
|                                              | 165 | 5825            | 0.754       | 8.514       | 1.338       | 9.098       | 0.780       | 8.540       | 2.649       | 10.409      | 0.770       | 15.232     | 28.29       | PASS      |
| 802.11ac VHT40                               | 142 | 5710            | -11.434     | -3.636      | -8.992      | -1.194      | -9.295      | -1.497      | -7.282      | 0.516       | 0.809       | 4.811      | 28.29       | PASS      |
|                                              | 151 | 5755            | -3.037      | 4.761       | -1.227      | 6.571       | -2.482      | 5.316       | -0.482      | 7.316       | 0.809       | 12.129     | 28.29       | PASS      |
|                                              | 159 | 5795            | -1.924      | 5.874       | -0.193      | 7.605       | -1.250      | 6.548       | -0.660      | 7.138       | 0.809       | 12.860     | 28.29       | PASS      |
| 802.11ac VHT80                               | 138 | 5690            | -13.070     | -5.289      | -12.921     | -5.140      | -12.037     | -4.256      | -10.759     | -2.978      | 0.791       | 1.706      | 28.29       | PASS      |
|                                              | 155 | 5775            | -8.344      | -0.563      | -7.526      | 0.255       | -6.812      | 0.969       | -6.116      | 1.665       | 0.791       | 6.680      | 28.29       | PASS      |
|                                              | 144 | 5720            | -8.167      | -0.907      | -6.843      | 0.417       | -6.896      | 0.364       | -5.865      | 1.395       | 0.270       | 6.413      | 28.29       | PASS      |
| 802.11ax HE20                                | 149 | 5745            | -0.780      | 6.480       | 0.356       | 7.616       | -0.569      | 6.691       | 1.755       | 9.015       | 0.270       | 13.591     | 28.29       | PASS      |
|                                              | 157 | 5785            | -0.665      | 6.595       | 0.809       | 8.069       | -0.385      | 6.875       | 0.820       | 8.080       | 0.270       | 13.477     | 28.29       | PASS      |
|                                              | 165 | 5825            | -0.050      | 7.210       | -0.105      | 7.155       | -1.262      | 5.998       | 0.252       | 7.512       | 0.270       | 13.026     | 28.29       | PASS      |
|                                              | 142 | 5710            | -12.227     | -4.967      | -10.033     | -2.773      | -10.924     | -3.664      | -9.053      | -1.793      | 0.270       | 2.875      | 28.29       | PASS      |
| 802.11ax HE40                                | 151 | 5755            | -3.746      | 3.514       | -3.177      | 4.083       | -4.096      | 3.164       | -2.134      | 5.126       | 0.270       | 10.057     | 28.29       | PASS      |
|                                              | 159 | 5795            | -2.824      | 4.436       | -1.616      | 5.644       | -2.855      | 4.405       | -1.683      | 5.577       | 0.270       | 11.077     | 28.29       | PASS      |
|                                              | 138 | 5690            | -14.932     | -7.671      | -14.349     | -7.088      | -13.845     | -6.584      | -12.122     | -4.861      | 0.271       | -0.398     | 28.29       | PASS      |
| 802.11ax HE80                                | 155 | 5775            | -9.594      | -2.333      | -8.314      | -1.053      | -9.315      | -2.054      | -7.483      | -0.222      | 0.271       | 4.687      | 28.29       | 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)

| 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    | 5180            | 0.855        | 0.906            | 94.371         | 0.252            | 1.170                 |
| 802.11n HT40    | 5190            | 0.819        | 0.873            | 93.814         | 0.277            | 1.221                 |
| 802.11ac VHT20  | 5180            | 0.261        | 0.311            | 83.746         | 0.770            | 3.836                 |
| 802.11ac VHT40  | 5190            | 0.259        | 0.312            | 83.013         | 0.809            | 3.861                 |
| 802.11ac VHT80  | 5210            | 0.261        | 0.313            | 83.344         | 0.791            | 3.836                 |
| 802.11ac VHT160 | 5250            | 0.090        | 0.145            | 62.069         | 2.071            | 11.111                |
| 802.11ax HE20   | 5180            | 0.795        | 0.846            | 93.972         | 0.270            | 1.258                 |
| 802.11ax HE40   | 5190            | 0.795        | 0.846            | 93.972         | 0.270            | 1.258                 |
| 802.11ax HE80   | 5210            | 0.792        | 0.843            | 93.950         | 0.271            | 1.263                 |
| 802.11ax HE160  | 5250            | 0.795        | 0.846            | 93.972         | 0.270            | 1.258                 |

| 5 GHz Band Config |         |                |           |
|-------------------|---------|----------------|-----------|
| Mode              | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11n HT20      | 36      | 5180           | 26M       |
| 802.11n HT20      | 40      | 5200           | 26M       |
| 802.11n HT20      | 48      | 5240           | 26M       |
| 802.11n HT20      | 52      | 5260           | 26M       |
| 802.11n HT20      | 56      | 5280           | 26M       |
| 802.11n HT20      | 64      | 5320           | 26M       |
| 802.11n HT20      | 100     | 5500           | 26M       |
| 802.11n HT20      | 112     | 5560           | 26M       |
| 802.11n HT20      | 140     | 5700           | 26M       |
| 802.11n HT20      | 144     | 5720           | 26M       |
| 802.11n HT20      | 149     | 5745           | 26M       |
| 802.11n HT20      | 157     | 5785           | 26M       |
| 802.11n HT20      | 165     | 5825           | 26M       |
| 802.11n HT40      | 38      | 5190           | 54M       |
| 802.11n HT40      | 46      | 5230           | 54M       |
| 802.11n HT40      | 54      | 5270           | 54M       |
| 802.11n HT40      | 62      | 5310           | 54M       |
| 802.11n HT40      | 102     | 5510           | 54M       |
| 802.11n HT40      | 110     | 5550           | 54M       |
| 802.11n HT40      | 142     | 5710           | 54M       |
| 802.11n HT40      | 151     | 5755           | 54M       |
| 802.11n HT40      | 159     | 5795           | 54M       |

| 5 GHz Band Config |         |                |           |
|-------------------|---------|----------------|-----------|
| Mode              | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11ac VHT20    | 36      | 5180           | MCS 0     |
| 802.11ac VHT20    | 40      | 5200           | MCS 0     |
| 802.11ac VHT20    | 48      | 5240           | MCS 0     |
| 802.11ac VHT20    | 52      | 5260           | MCS 0     |
| 802.11ac VHT20    | 56      | 5280           | MCS 0     |
| 802.11ac VHT20    | 64      | 5320           | MCS 0     |
| 802.11ac VHT20    | 100     | 5500           | MCS 0     |
| 802.11ac VHT20    | 112     | 5560           | MCS 0     |
| 802.11ac VHT20    | 140     | 5700           | MCS 0     |
| 802.11ac VHT20    | 144     | 5720           | MCS 0     |
| 802.11ac VHT20    | 149     | 5745           | MCS 0     |
| 802.11ac VHT20    | 157     | 5785           | MCS 0     |
| 802.11ac VHT20    | 165     | 5825           | MCS 0     |
| 802.11ac VHT40    | 38      | 5190           | MCS 0     |
| 802.11ac VHT40    | 46      | 5230           | MCS 0     |
| 802.11ac VHT40    | 54      | 5270           | MCS 0     |
| 802.11ac VHT40    | 62      | 5310           | MCS 0     |
| 802.11ac VHT40    | 102     | 5510           | MCS 0     |
| 802.11ac VHT40    | 110     | 5550           | MCS 0     |
| 802.11ac VHT40    | 134     | 5670           | MCS 0     |
| 802.11ac VHT40    | 142     | 5710           | MCS 0     |
| 802.11ac VHT40    | 151     | 5755           | MCS 0     |
| 802.11ac VHT40    | 159     | 5795           | MCS 0     |
| 802.11ac VHT80    | 42      | 5210           | MCS 0     |
| 802.11ac VHT80    | 58      | 5290           | MCS 0     |
| 802.11ac VHT80    | 106     | 5530           | MCS 0     |
| 802.11ac VHT80    | 122     | 5610           | MCS 0     |
| 802.11ac VHT80    | 138     | 5690           | MCS 0     |
| 802.11ac VHT80    | 155     | 5775           | MCS 0     |
| 802.11ac VHT160   | 50      | 5250           | MCS 0     |
| 802.11ac VHT160   | 114     | 5570           | MCS 0     |

| 5 GHz Band Config |         |                |           |
|-------------------|---------|----------------|-----------|
| Mod.              | Channel | Freq.<br>(MHz) | Data Rate |
| 802.11ax HE20     | 36      | 5180           | MCS 0     |
| 802.11ax HE20     | 40      | 5200           | MCS 0     |
| 802.11ax HE20     | 48      | 5240           | MCS 0     |
| 802.11ax HE20     | 52      | 5260           | MCS 0     |
| 802.11ax HE20     | 56      | 5280           | MCS 0     |
| 802.11ax HE20     | 64      | 5320           | MCS 0     |
| 802.11ax HE20     | 100     | 5500           | MCS 0     |
| 802.11ax HE20     | 112     | 5560           | MCS 0     |
| 802.11ax HE20     | 140     | 5700           | MCS 0     |
| 802.11ax HE20     | 144     | 5720           | MCS 0     |
| 802.11ax HE20     | 149     | 5745           | MCS 0     |
| 802.11ax HE20     | 157     | 5785           | MCS 0     |
| 802.11ax HE20     | 165     | 5825           | MCS 0     |
| 802.11ax HE40     | 38      | 5190           | MCS 0     |
| 802.11ax HE40     | 46      | 5230           | MCS 0     |
| 802.11ax HE40     | 54      | 5270           | MCS 0     |
| 802.11ax HE40     | 62      | 5310           | MCS 0     |
| 802.11ax HE40     | 102     | 5510           | MCS 0     |
| 802.11ax HE40     | 110     | 5550           | MCS 0     |
| 802.11ax HE40     | 134     | 5670           | MCS 0     |
| 802.11ax HE40     | 142     | 5710           | MCS 0     |
| 802.11ax HE40     | 151     | 5755           | MCS 0     |
| 802.11ax HE40     | 159     | 5795           | MCS 0     |
| 802.11ax HE80     | 42      | 5210           | MCS 0     |
| 802.11ax HE80     | 58      | 5290           | MCS 0     |
| 802.11ax HE80     | 106     | 5530           | MCS 0     |
| 802.11ax HE80     | 122     | 5610           | MCS 0     |
| 802.11ax HE80     | 138     | 5690           | MCS 0     |
| 802.11ax HE80     | 155     | 5775           | MCS 0     |
| 802.11ax HE160    | 50      | 5250           | MCS 0     |
| 802.11ax HE160    | 114     | 5570           | MCS 0     |

| RF power setting in Test SW (BF on) |     |                 |       |       |       |       |                           |
|-------------------------------------|-----|-----------------|-------|-------|-------|-------|---------------------------|
| Mode                                | CH  | Frequency (MHz) | Ant-0 | Ant-1 | Ant-2 | Ant-3 | Test SW Version           |
| 802.11n HT20                        | 36  | 5180            | 39    | 39    | 39    | 39    | Tera Term / 4.105 ; 4.106 |
|                                     | 40  | 5200            | 39    | 39    | 39    | 39    |                           |
|                                     | 48  | 5240            | 38    | 38    | 38    | 38    |                           |
|                                     | 52  | 5260            | 26    | 26    | 26    | 26    |                           |
|                                     | 56  | 5280            | 26    | 26    | 26    | 26    |                           |
|                                     | 64  | 5320            | 27    | 27    | 27    | 27    |                           |
|                                     | 100 | 5500            | 28    | 28    | 28    | 28    |                           |
|                                     | 112 | 5560            | 27    | 27    | 27    | 27    |                           |
|                                     | 140 | 5700            | 29    | 29    | 29    | 29    |                           |
|                                     | 144 | 5720            | 28    | 28    | 28    | 28    |                           |
|                                     | 149 | 5745            | 42    | 35    | 35    | 35    |                           |
|                                     | 157 | 5785            | 41    | 41    | 41    | 41    |                           |
|                                     | 165 | 5825            | 41    | 41    | 41    | 41    |                           |
| 802.11n HT40                        | 38  | 5190            | 29    | 29    | 29    | 29    | Tera Term / 4.105 ; 4.106 |
|                                     | 46  | 5230            | 37    | 37    | 37    | 37    |                           |
|                                     | 54  | 5270            | 28    | 28    | 28    | 28    |                           |
|                                     | 62  | 5310            | 29    | 29    | 29    | 29    |                           |
|                                     | 102 | 5510            | 29    | 29    | 29    | 29    |                           |
|                                     | 110 | 5550            | 29    | 29    | 29    | 29    |                           |
|                                     | 134 | 5670            | 29    | 29    | 29    | 29    |                           |
|                                     | 142 | 5710            | 30    | 30    | 30    | 30    |                           |
|                                     | 151 | 5755            | 40    | 40    | 40    | 40    |                           |
|                                     | 159 | 5795            | 41    | 41    | 41    | 41    |                           |

|                 |     |      |    |    |    |    |                           |
|-----------------|-----|------|----|----|----|----|---------------------------|
| 802.11ac VHT20  | 36  | 5180 | 39 | 39 | 39 | 39 | Tera Term / 4.105 ; 4.106 |
|                 | 40  | 5200 | 39 | 39 | 39 | 39 |                           |
|                 | 48  | 5240 | 38 | 38 | 38 | 38 |                           |
|                 | 52  | 5260 | 26 | 26 | 26 | 26 |                           |
|                 | 56  | 5280 | 26 | 26 | 26 | 26 |                           |
|                 | 64  | 5320 | 27 | 27 | 27 | 27 |                           |
|                 | 100 | 5500 | 28 | 28 | 28 | 28 |                           |
|                 | 112 | 5560 | 27 | 27 | 27 | 27 |                           |
|                 | 140 | 5700 | 29 | 29 | 29 | 29 |                           |
|                 | 144 | 5720 | 28 | 28 | 28 | 28 |                           |
|                 | 149 | 5745 | 42 | 42 | 42 | 42 |                           |
|                 | 157 | 5785 | 41 | 41 | 41 | 41 |                           |
| 802.11ac VHT40  | 165 | 5825 | 41 | 41 | 41 | 41 |                           |
|                 | 38  | 5190 | 29 | 29 | 29 | 29 | Tera Term / 4.105 ; 4.106 |
|                 | 46  | 5230 | 37 | 37 | 37 | 37 |                           |
|                 | 54  | 5270 | 28 | 28 | 28 | 28 |                           |
|                 | 62  | 5310 | 29 | 29 | 29 | 29 |                           |
|                 | 102 | 5510 | 29 | 29 | 29 | 29 |                           |
|                 | 110 | 5550 | 29 | 29 | 29 | 29 |                           |
|                 | 134 | 5670 | 29 | 29 | 29 | 29 |                           |
|                 | 142 | 5710 | 30 | 30 | 30 | 30 |                           |
| 802.11ac VHT80  | 151 | 5755 | 40 | 40 | 40 | 40 |                           |
|                 | 159 | 5795 | 41 | 41 | 41 | 41 |                           |
|                 | 42  | 5210 | 25 | 25 | 25 | 25 | Tera Term / 4.105 ; 4.106 |
|                 | 58  | 5290 | 28 | 28 | 28 | 28 |                           |
|                 | 106 | 5530 | 28 | 28 | 28 | 28 |                           |
|                 | 122 | 5610 | 30 | 30 | 30 | 30 |                           |
| 802.11ac VHT160 | 138 | 5690 | 34 | 34 | 34 | 34 |                           |
|                 | 155 | 5775 | 37 | 37 | 37 | 37 |                           |
|                 | 50  | 5250 | 32 | 32 | 32 | 32 | Tera Term / 4.105 ; 4.106 |
|                 | 114 | 5570 | 33 | 33 | 33 | 33 |                           |

|                |     |      |    |    |    |    |                           |
|----------------|-----|------|----|----|----|----|---------------------------|
| 802.11ax HE20  | 36  | 5180 | 37 | 37 | 37 | 37 | Tera Term / 4.105 ; 4.106 |
|                | 40  | 5200 | 37 | 37 | 37 | 37 |                           |
|                | 48  | 5240 | 38 | 38 | 38 | 38 |                           |
|                | 52  | 5260 | 26 | 26 | 26 | 26 |                           |
|                | 56  | 5280 | 26 | 26 | 26 | 26 |                           |
|                | 64  | 5320 | 27 | 27 | 27 | 27 |                           |
|                | 100 | 5500 | 27 | 27 | 27 | 27 |                           |
|                | 112 | 5560 | 27 | 27 | 27 | 27 |                           |
|                | 140 | 5700 | 28 | 28 | 28 | 28 |                           |
|                | 144 | 5720 | 27 | 27 | 27 | 27 |                           |
|                | 149 | 5745 | 43 | 43 | 43 | 43 |                           |
|                | 157 | 5785 | 42 | 42 | 42 | 42 |                           |
| 802.11ax HE40  | 165 | 5825 | 41 | 41 | 41 | 41 |                           |
|                | 38  | 5190 | 34 | 34 | 34 | 34 | Tera Term / 4.105 ; 4.106 |
|                | 46  | 5230 | 40 | 40 | 40 | 40 |                           |
|                | 54  | 5270 | 30 | 30 | 30 | 30 |                           |
|                | 62  | 5310 | 30 | 30 | 30 | 30 |                           |
|                | 102 | 5510 | 30 | 30 | 30 | 30 |                           |
|                | 110 | 5550 | 30 | 30 | 30 | 30 |                           |
|                | 134 | 5670 | 30 | 30 | 30 | 30 |                           |
|                | 142 | 5710 | 32 | 32 | 32 | 32 |                           |
| 802.11ax HE80  | 151 | 5755 | 42 | 42 | 42 | 42 |                           |
|                | 159 | 5795 | 43 | 43 | 43 | 43 |                           |
|                | 42  | 5210 | 29 | 29 | 29 | 29 | Tera Term / 4.105 ; 4.106 |
|                | 58  | 5290 | 31 | 31 | 31 | 31 |                           |
|                | 106 | 5530 | 30 | 30 | 30 | 30 |                           |
|                | 122 | 5610 | 32 | 32 | 32 | 32 |                           |
| 802.11ax HE160 | 138 | 5690 | 33 | 32 | 32 | 32 |                           |
|                | 155 | 5775 | 38 | 38 | 38 | 38 |                           |
|                | 50  | 5250 | 32 | 32 | 32 | 32 | Tera Term / 4.105 ; 4.106 |
|                | 114 | 5570 | 31 | 31 | 31 | 31 |                           |

| Maximum Conducted Output Power Measurement (BF on) |     |                 |               |       |       |       |       |       |
|----------------------------------------------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
| 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            | 19.62         | 20.08 | 19.25 | 20.06 | 25.79 | 28.33 |
|                                                    | 40  | 5200            | 20.21         | 20.33 | 19.33 | 20.51 | 26.14 | 28.33 |
|                                                    | 48  | 5240            | 20.28         | 19.59 | 19.84 | 20.03 | 25.96 | 28.33 |
|                                                    | 52  | 5260            | 14.65         | 14.52 | 14.46 | 14.62 | 20.59 | 22.31 |
|                                                    | 56  | 5280            | 14.76         | 14.51 | 14.32 | 14.79 | 20.62 | 22.31 |
|                                                    | 64  | 5320            | 15.09         | 14.26 | 15.34 | 14.93 | 20.95 | 22.31 |
|                                                    | 100 | 5500            | 14.94         | 14.91 | 15.03 | 15.14 | 21.03 | 22.32 |
|                                                    | 112 | 5560            | 12.80         | 13.41 | 13.35 | 13.67 | 19.34 | 22.32 |
|                                                    | 140 | 5700            | 14.08         | 14.06 | 14.79 | 14.64 | 20.43 | 22.32 |
|                                                    | 144 | 5720            | 14.05         | 14.52 | 14.58 | 14.84 | 20.53 | 22.32 |
|                                                    | 149 | 5745            | 20.87         | 21.43 | 21.59 | 21.64 | 27.42 | 28.29 |
|                                                    | 157 | 5785            | 20.63         | 21.31 | 22.23 | 21.50 | 27.48 | 28.29 |
|                                                    | 165 | 5825            | 21.73         | 21.56 | 21.55 | 21.09 | 27.51 | 28.29 |
| 802.11n HT40                                       | 38  | 5190            | 15.14         | 15.94 | 15.48 | 16.30 | 21.76 | 28.33 |
|                                                    | 46  | 5230            | 20.54         | 19.57 | 20.21 | 19.84 | 26.07 | 28.33 |
|                                                    | 54  | 5270            | 15.59         | 15.65 | 15.58 | 15.42 | 21.58 | 22.31 |
|                                                    | 62  | 5310            | 15.81         | 15.27 | 16.34 | 15.87 | 21.86 | 22.31 |
|                                                    | 102 | 5510            | 15.44         | 15.56 | 16.24 | 15.68 | 21.76 | 22.32 |
|                                                    | 110 | 5550            | 14.91         | 16.27 | 15.72 | 15.90 | 21.75 | 22.32 |
|                                                    | 134 | 5670            | 15.39         | 15.73 | 14.90 | 15.85 | 21.50 | 22.32 |
|                                                    | 142 | 5710            | 14.92         | 15.90 | 16.23 | 16.14 | 21.85 | 22.32 |
|                                                    | 151 | 5755            | 20.42         | 21.44 | 20.86 | 20.84 | 26.92 | 28.29 |
|                                                    | 159 | 5795            | 21.13         | 21.20 | 21.67 | 21.65 | 27.44 | 28.29 |

| Mode            | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|-----------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
|                 |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                 |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dBm   |
| 802.11ac VHT20  | 36  | 5180            | 20.03         | 20.39 | 19.55 | 20.36 | 26.12 | 28.33 |
|                 | 40  | 5200            | 20.60         | 20.64 | 19.74 | 20.78 | 26.48 | 28.33 |
|                 | 48  | 5240            | 20.72         | 20.03 | 20.32 | 20.51 | 26.42 | 28.33 |
|                 | 52  | 5260            | 14.98         | 14.90 | 14.80 | 14.99 | 20.94 | 22.31 |
|                 | 56  | 5280            | 15.12         | 14.86 | 14.79 | 15.15 | 21.00 | 22.31 |
|                 | 64  | 5320            | 15.45         | 14.48 | 15.54 | 15.18 | 21.20 | 22.31 |
|                 | 100 | 5500            | 15.00         | 14.98 | 15.08 | 15.34 | 21.12 | 22.32 |
|                 | 112 | 5560            | 13.12         | 13.83 | 13.65 | 13.92 | 19.66 | 22.32 |
|                 | 140 | 5700            | 14.42         | 14.52 | 15.22 | 14.98 | 20.82 | 22.32 |
|                 | 144 | 5720            | 14.32         | 14.86 | 14.93 | 15.12 | 20.84 | 22.32 |
|                 | 149 | 5745            | 21.18         | 21.69 | 21.97 | 22.09 | 27.77 | 28.29 |
|                 | 157 | 5785            | 21.33         | 21.91 | 22.48 | 22.13 | 28.00 | 28.29 |
|                 | 165 | 5825            | 22.14         | 21.95 | 21.93 | 21.47 | 27.90 | 28.29 |
| 802.11ac VHT40  | 38  | 5190            | 15.54         | 16.19 | 15.55 | 16.56 | 22.00 | 28.33 |
|                 | 46  | 5230            | 20.87         | 19.85 | 20.35 | 20.17 | 26.35 | 28.33 |
|                 | 54  | 5270            | 15.86         | 15.96 | 15.95 | 15.82 | 21.92 | 22.31 |
|                 | 62  | 5310            | 16.17         | 15.58 | 16.66 | 16.10 | 22.16 | 22.31 |
|                 | 102 | 5510            | 15.64         | 15.77 | 16.44 | 15.95 | 21.98 | 22.32 |
|                 | 110 | 5550            | 15.26         | 16.56 | 16.03 | 16.26 | 22.07 | 22.32 |
|                 | 134 | 5670            | 15.67         | 16.04 | 15.25 | 16.15 | 21.81 | 22.32 |
|                 | 142 | 5710            | 15.29         | 16.28 | 16.53 | 16.49 | 22.19 | 22.32 |
|                 | 151 | 5755            | 20.69         | 20.82 | 21.13 | 21.09 | 26.96 | 28.29 |
|                 | 159 | 5795            | 21.58         | 21.71 | 22.09 | 22.00 | 27.87 | 28.29 |
| 802.11ac VHT80  | 42  | 5210            | 12.94         | 13.24 | 13.01 | 13.41 | 19.18 | 28.33 |
|                 | 58  | 5290            | 15.30         | 14.89 | 14.42 | 15.36 | 21.03 | 22.31 |
|                 | 106 | 5530            | 14.33         | 14.61 | 15.33 | 15.05 | 20.87 | 22.32 |
|                 | 122 | 5610            | 15.61         | 15.41 | 15.72 | 15.90 | 21.69 | 22.32 |
|                 | 138 | 5690            | 20.10         | 20.34 | 19.47 | 19.73 | 25.94 | 22.32 |
|                 | 155 | 5775            | 18.47         | 18.25 | 18.83 | 18.64 | 24.57 | 28.29 |
| 802.11ac VHT160 | 50  | 5250            | 16.43         | 15.42 | 15.71 | 15.86 | 21.89 | 22.31 |
|                 | 114 | 5570            | 15.19         | 15.48 | 16.46 | 16.08 | 21.85 | 22.32 |

| Mode           | CH  | Frequency (MHz) | Average power |       |       |       |       | Limit |
|----------------|-----|-----------------|---------------|-------|-------|-------|-------|-------|
|                |     |                 | Ant-0         | Ant-1 | Ant-2 | Ant-3 | Total |       |
|                |     |                 | dBm           | dBm   | dBm   | dBm   | dBm   | dBm   |
| 802.11ax HE20  | 36  | 5180            | 19.03         | 19.70 | 18.48 | 20.00 | 25.36 | 28.33 |
|                | 40  | 5200            | 19.12         | 19.75 | 18.45 | 19.62 | 25.28 | 28.33 |
|                | 48  | 5240            | 20.11         | 20.18 | 20.15 | 20.30 | 26.21 | 28.33 |
|                | 52  | 5260            | 14.13         | 14.56 | 14.41 | 14.94 | 20.54 | 22.31 |
|                | 56  | 5280            | 14.46         | 14.65 | 14.39 | 15.23 | 20.72 | 22.31 |
|                | 64  | 5320            | 14.76         | 14.80 | 15.64 | 14.60 | 20.99 | 22.31 |
|                | 100 | 5500            | 14.48         | 14.04 | 15.04 | 14.32 | 20.51 | 22.32 |
|                | 112 | 5560            | 14.33         | 14.19 | 14.65 | 15.13 | 20.61 | 22.32 |
|                | 140 | 5700            | 14.82         | 14.66 | 15.32 | 14.48 | 20.85 | 22.32 |
|                | 144 | 5720            | 13.79         | 14.72 | 14.89 | 14.28 | 20.46 | 22.32 |
|                | 149 | 5745            | 21.38         | 22.35 | 22.43 | 22.01 | 28.08 | 28.29 |
|                | 157 | 5785            | 21.35         | 22.12 | 22.27 | 21.61 | 27.87 | 28.29 |
|                | 165 | 5825            | 21.93         | 21.81 | 21.43 | 21.28 | 27.64 | 28.29 |
| 802.11ax HE40  | 38  | 5190            | 17.66         | 18.12 | 17.00 | 18.25 | 23.81 | 28.33 |
|                | 46  | 5230            | 21.19         | 20.48 | 20.89 | 20.62 | 26.82 | 28.33 |
|                | 54  | 5270            | 16.13         | 15.88 | 15.92 | 16.06 | 22.02 | 22.31 |
|                | 62  | 5310            | 16.11         | 15.15 | 16.50 | 15.60 | 21.89 | 22.31 |
|                | 102 | 5510            | 15.50         | 14.92 | 15.91 | 15.64 | 21.53 | 22.32 |
|                | 110 | 5550            | 15.08         | 15.09 | 15.74 | 15.83 | 21.47 | 22.32 |
|                | 134 | 5670            | 15.54         | 15.78 | 15.06 | 15.32 | 21.45 | 22.32 |
|                | 142 | 5710            | 16.50         | 16.85 | 16.98 | 16.80 | 22.81 | 22.32 |
|                | 151 | 5755            | 20.73         | 20.89 | 20.68 | 20.59 | 26.74 | 28.29 |
|                | 159 | 5795            | 21.68         | 21.95 | 21.65 | 21.60 | 27.74 | 28.29 |
| 802.11ax HE80  | 42  | 5210            | 14.54         | 14.56 | 13.51 | 14.88 | 20.42 | 28.33 |
|                | 58  | 5290            | 15.79         | 15.34 | 15.24 | 15.78 | 21.57 | 22.31 |
|                | 106 | 5530            | 14.59         | 13.81 | 14.39 | 14.70 | 20.41 | 22.32 |
|                | 122 | 5610            | 15.75         | 15.09 | 15.50 | 16.02 | 21.63 | 22.32 |
|                | 138 | 5690            | 15.89         | 16.48 | 15.75 | 15.85 | 22.02 | 22.32 |
|                | 155 | 5775            | 18.23         | 18.18 | 18.35 | 18.23 | 24.27 | 28.29 |
| 802.11ax HE160 | 50  | 5250            | 14.44         | 13.74 | 14.26 | 13.43 | 20.01 | 22.31 |
|                | 114 | 5570            | 12.21         | 13.09 | 13.11 | 13.21 | 18.94 | 22.32 |