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# Appendix E

## Conducted RF Output Power

# 1 Conducted Power of WIFI and Bluetooth

## 1.1 Conducted Power of 2.4G WIFI

| WIFI 2.4G Ant 5 sensor off/Hotspot |         |                |                 |                     |         |
|------------------------------------|---------|----------------|-----------------|---------------------|---------|
| Mode                               | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11b                            | 1       | 2412           | 1               | 18.64               | 20.00   |
|                                    | 6       | 2437           |                 | 18.28               | 20.00   |
|                                    | 11      | 2462           |                 | 18.23               | 20.00   |
| 802.11g                            | 1       | 2412           | 6               | 18.26               | 20.00   |
|                                    | 6       | 2437           |                 | 18.43               | 20.00   |
|                                    | 11      | 2462           |                 | 18.88               | 20.00   |
| 802.11n HT20                       | 1       | 2412           | 6.5             | 18.74               | 20.00   |
|                                    | 6       | 2437           |                 | 18.34               | 20.00   |
|                                    | 11      | 2462           |                 | 18.32               | 20.00   |
| 802.11n HT40                       | 3       | 2422           | 13.5            | 18.77               | 20.00   |
|                                    | 6       | 2437           |                 | 18.61               | 20.00   |
|                                    | 9       | 2452           |                 | 18.54               | 20.00   |
| 802.11ax HE20                      | 1       | 2412           | MCS0            | 19.53               | 20.50   |
|                                    | 6       | 2437           |                 | 19.12               | 20.50   |
|                                    | 11      | 2462           |                 | 19.00               | 20.50   |
| 802.11ax HE40                      | 3       | 2422           | MCS0            | 18.74               | 20.00   |
|                                    | 6       | 2437           |                 | 18.33               | 20.00   |
|                                    | 9       | 2452           |                 | 18.38               | 20.00   |
| 802.11be EHT20                     | 1       | 2412           | MCS0            | 18.74               | 20.00   |
|                                    | 6       | 2437           |                 | 18.42               | 20.00   |
|                                    | 11      | 2462           |                 | 18.54               | 20.00   |
| 802.11be EHT40                     | 3       | 2422           | MCS0            | 18.64               | 20.00   |
|                                    | 6       | 2437           |                 | 18.44               | 20.00   |
|                                    | 9       | 2452           |                 | 18.52               | 20.00   |

| WIFI 2.4G Ant6 sensor off/Hotspot |         |                |                 |                     |         |
|-----------------------------------|---------|----------------|-----------------|---------------------|---------|
| Mode                              | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11b                           | 1       | 2412           | 1               | 18.42               | 20.00   |
|                                   | 6       | 2437           |                 | 18.09               | 20.00   |
|                                   | 11      | 2462           |                 | 18.00               | 20.00   |
| 802.11g                           | 1       | 2412           | 6               | 18.06               | 20.00   |
|                                   | 6       | 2437           |                 | 18.21               | 20.00   |
|                                   | 11      | 2462           |                 | 18.67               | 20.00   |
| 802.11n HT20                      | 1       | 2412           | 6.5             | 18.57               | 20.00   |
|                                   | 6       | 2437           |                 | 18.19               | 20.00   |
|                                   | 11      | 2462           |                 | 18.18               | 20.00   |
| 802.11n HT40                      | 3       | 2422           | 13.5            | 18.56               | 20.00   |
|                                   | 6       | 2437           |                 | 18.43               | 20.00   |
|                                   | 9       | 2452           |                 | 18.33               | 20.00   |
| 802.11ax HE20                     | 1       | 2412           | MCS0            | 19.39               | 20.50   |
|                                   | 6       | 2437           |                 | 18.85               | 20.50   |
|                                   | 11      | 2462           |                 | 18.80               | 20.50   |
| 802.11ax HE40                     | 3       | 2422           | MCS0            | 18.52               | 20.00   |
|                                   | 6       | 2437           |                 | 18.10               | 20.00   |
|                                   | 9       | 2452           |                 | 18.14               | 20.00   |
| 802.11be EHT20                    | 1       | 2412           | MCS0            | 18.55               | 20.00   |
|                                   | 6       | 2437           |                 | 18.19               | 20.00   |
|                                   | 11      | 2462           |                 | 18.33               | 20.00   |
| 802.11be EHT40                    | 3       | 2422           | MCS0            | 18.43               | 20.00   |
|                                   | 6       | 2437           |                 | 18.22               | 20.00   |
|                                   | 9       | 2452           |                 | 18.36               | 20.00   |

| WIFI 2.4G MIMO sensor off/Hotspot |         |                |                 |                     |         |
|-----------------------------------|---------|----------------|-----------------|---------------------|---------|
| Mode                              | Channel | Frequency(MHz) | Data Rate(Mbps) | Average Power (dBm) | Tune up |
| 802.11b                           | 1       | 2412           | 1               | /                   | /       |
|                                   | 6       | 2437           |                 | /                   | /       |
|                                   | 11      | 2462           |                 | /                   | /       |
| 802.11g                           | 1       | 2412           | 6               | /                   | /       |
|                                   | 6       | 2437           |                 | /                   | /       |



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|                   |    |      |      |              |       |
|-------------------|----|------|------|--------------|-------|
|                   | 11 | 2462 |      | /            | /     |
| 802.11n<br>HT20   | 1  | 2412 | 6.5  | <b>21.68</b> | 23.00 |
|                   | 6  | 2437 |      | <b>21.29</b> | 23.00 |
|                   | 11 | 2462 |      | <b>21.28</b> | 23.00 |
| 802.11n<br>HT40   | 3  | 2422 | 13.5 | <b>21.67</b> | 23.00 |
|                   | 6  | 2437 |      | <b>21.55</b> | 23.00 |
|                   | 9  | 2452 |      | <b>21.47</b> | 23.00 |
| 802.11ax<br>HE20  | 1  | 2412 | MCS0 | <b>22.47</b> | 23.50 |
|                   | 6  | 2437 |      | <b>22.01</b> | 23.50 |
|                   | 11 | 2462 |      | <b>21.95</b> | 23.50 |
| 802.11ax<br>HE40  | 3  | 2422 | MCS0 | <b>21.65</b> | 23.00 |
|                   | 6  | 2437 |      | <b>21.27</b> | 23.00 |
|                   | 9  | 2452 |      | <b>21.29</b> | 23.00 |
| 802.11be<br>EHT20 | 1  | 2412 | MCS0 | <b>21.69</b> | 23.00 |
|                   | 6  | 2437 |      | <b>21.35</b> | 23.00 |
|                   | 11 | 2462 |      | <b>21.47</b> | 23.00 |
| 802.11be<br>EHT40 | 3  | 2422 | MCS0 | <b>21.58</b> | 23.00 |
|                   | 6  | 2437 |      | <b>21.36</b> | 23.00 |
|                   | 9  | 2452 |      | <b>21.47</b> | 23.00 |

## 1.2 Conducted Power of 5G WIFI

| WIFI 5G Ant5 sensor off |                |         |                |                     |         |
|-------------------------|----------------|---------|----------------|---------------------|---------|
| 5GHz                    |                | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-1            | 802.11a        | 36      | 5180           | 19.37               | 20.00   |
|                         |                | 40      | 5200           | 19.47               | 20.00   |
|                         |                | 48      | 5240           | 18.96               | 20.00   |
|                         | 802.11n HT20   | 36      | 5180           | 19.26               | 20.00   |
|                         |                | 40      | 5200           | 19.29               | 20.00   |
|                         |                | 48      | 5240           | 19.04               | 20.00   |
|                         | 802.11n HT40   | 38      | 5190           | 18.16               | 19.00   |
|                         |                | 46      | 5230           | 18.11               | 19.00   |
|                         | 802.11ac VHT20 | 36      | 5180           | 19.27               | 20.00   |
|                         |                | 40      | 5200           | 19.25               | 20.00   |
|                         |                | 48      | 5240           | 18.92               | 20.00   |
|                         | 802.11ac VHT40 | 38      | 5190           | 18.05               | 19.00   |
|                         |                | 46      | 5230           | 18.10               | 19.00   |
|                         | 802.11ac VHT80 | 42      | 5210           | 18.21               | 19.00   |
|                         | 802.11ax HE20  | 36      | 5180           | 19.29               | 20.00   |
|                         |                | 40      | 5200           | 19.41               | 20.00   |
|                         |                | 48      | 5240           | 18.99               | 20.00   |
|                         | 802.11ax HE40  | 38      | 5190           | 18.61               | 19.50   |
|                         |                | 46      | 5230           | 18.54               | 19.50   |
|                         | 802.11ax HE80  | 42      | 5210           | 18.30               | 19.00   |
|                         | 802.11be EHT20 | 36      | 5180           | 18.78               | 19.50   |
|                         |                | 40      | 5200           | 18.78               | 19.50   |
|                         |                | 48      | 5240           | 18.53               | 19.50   |
|                         | 802.11be EHT40 | 38      | 5190           | 18.60               | 19.50   |
|                         |                | 46      | 5230           | 18.53               | 19.50   |
|                         | 802.11be EHT80 | 42      | 5210           | 18.75               | 19.50   |
| 5GHz                    |                | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-2A           | 802.11a        | 52      | 5260           | 18.80               | 20.00   |
|                         |                | 56      | 5280           | 18.68               | 20.00   |
|                         |                | 64      | 5320           | 18.36               | 20.00   |
|                         | 802.11n HT20   | 52      | 5260           | 18.81               | 20.00   |
|                         |                | 56      | 5280           | 18.71               | 20.00   |
|                         |                | 64      | 5320           | 18.38               | 20.00   |
|                         | 802.11n HT40   | 54      | 5270           | 17.75               | 19.00   |
|                         |                | 62      | 5310           | 17.61               | 19.00   |
|                         | 802.11ac VHT20 | 52      | 5260           | 18.81               | 20.00   |
|                         |                | 56      | 5280           | 18.62               | 20.00   |
|                         |                | 64      | 5320           | 18.38               | 20.00   |
|                         | 802.11ac VHT40 | 54      | 5270           | 17.60               | 19.00   |
|                         |                | 62      | 5310           | 17.58               | 19.00   |
|                         | 802.11ac VHT80 | 58      | 5290           | 17.82               | 19.00   |
|                         | 802.11ax HE20  | 52      | 5260           | 18.82               | 20.00   |
|                         |                | 56      | 5280           | 18.73               | 20.00   |
|                         |                | 64      | 5320           | 18.34               | 20.00   |
|                         | 802.11ax HE40  | 54      | 5270           | 18.21               | 19.50   |
|                         |                | 62      | 5310           | 18.09               | 19.50   |
|                         | 802.11ax HE80  | 58      | 5290           | 17.64               | 19.00   |
|                         | 802.11be EHT20 | 52      | 5260           | 18.33               | 19.50   |
|                         |                | 56      | 5280           | 18.21               | 19.50   |
|                         |                | 64      | 5320           | 17.87               | 19.50   |
|                         | 802.11be EHT40 | 54      | 5270           | 18.17               | 19.50   |
|                         |                | 62      | 5310           | 18.04               | 19.50   |
|                         | 802.11be EHT80 | 58      | 5290           | 18.22               | 19.50   |
| 5GHz                    |                | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-2C            | 802.11a        | 100     | 5500           | 19.24               | 20.00   |
|                         |                | 116     | 5580           | 18.54               | 20.00   |
|                         |                | 120     | 5600           | 18.46               | 20.00   |

|             |                   |                 |                |                     |         |
|-------------|-------------------|-----------------|----------------|---------------------|---------|
|             |                   | 124             | 5620           | 18.42               | 20.00   |
|             |                   | 128             | 5640           | 18.39               | 20.00   |
|             |                   | 140             | 5700           | 18.57               | 20.00   |
|             |                   | 144             | 5720           | 18.77               | 20.00   |
|             | 802.11n<br>HT20   | 100             | 5500           | 19.22               | 20.00   |
|             |                   | 116             | 5580           | 18.52               | 20.00   |
|             |                   | 120             | 5600           | 18.49               | 20.00   |
|             |                   | 124             | 5620           | 18.42               | 20.00   |
|             |                   | 128             | 5640           | 18.37               | 20.00   |
|             |                   | 140             | 5700           | 18.46               | 20.00   |
|             |                   | 144             | 5720           | 18.75               | 20.00   |
|             |                   | 802.11n<br>HT40 | 102            | 5510                | 18.39   |
|             | 110               |                 | 5550           | 18.20               | 19.00   |
|             | 134               |                 | 5670           | 17.60               | 19.00   |
|             | 142               |                 | 5710           | 17.79               | 19.00   |
|             | 802.11ac<br>VHT20 | 100             | 5500           | 19.24               | 20.00   |
|             |                   | 116             | 5580           | 18.56               | 20.00   |
|             |                   | 120             | 5600           | 18.38               | 20.00   |
|             |                   | 124             | 5620           | 18.28               | 20.00   |
|             |                   | 128             | 5640           | 18.37               | 20.00   |
|             |                   | 140             | 5700           | 18.50               | 20.00   |
|             | 802.11ac<br>VHT40 | 144             | 5720           | 18.76               | 20.00   |
|             |                   | 102             | 5510           | 18.37               | 19.00   |
|             |                   | 110             | 5550           | 18.19               | 19.00   |
|             |                   | 134             | 5670           | 17.64               | 19.00   |
|             | 802.11ac<br>VHT80 | 142             | 5710           | 17.72               | 19.00   |
|             |                   | 106             | 5530           | 18.35               | 19.00   |
|             |                   | 122             | 5610           | 17.55               | 19.00   |
|             |                   | 138             | 5690           | 17.61               | 19.00   |
|             | 802.11ax<br>HE20  | 100             | 5500           | 19.17               | 20.00   |
|             |                   | 116             | 5580           | 18.52               | 20.00   |
|             |                   | 120             | 5600           | 18.46               | 20.00   |
|             |                   | 124             | 5620           | 18.34               | 20.00   |
|             |                   | 128             | 5640           | 18.34               | 20.00   |
|             |                   | 140             | 5700           | 18.43               | 20.00   |
|             | 802.11ax<br>HE40  | 144             | 5720           | 18.74               | 20.00   |
|             |                   | 102             | 5510           | 18.90               | 19.50   |
|             |                   | 110             | 5550           | 18.72               | 19.50   |
|             |                   | 134             | 5670           | 18.11               | 19.50   |
|             | 802.11ax<br>HE80  | 142             | 5710           | 18.23               | 19.50   |
|             |                   | 106             | 5530           | 18.31               | 19.00   |
|             |                   | 122             | 5610           | 17.52               | 19.00   |
|             | 802.11be<br>EHT20 | 138             | 5690           | 17.60               | 19.00   |
|             |                   | 100             | 5500           | 18.72               | 19.50   |
|             |                   | 116             | 5580           | 18.07               | 19.50   |
|             |                   | 120             | 5600           | 17.93               | 19.50   |
|             |                   | 124             | 5620           | 17.89               | 19.50   |
|             |                   | 128             | 5640           | 17.85               | 19.50   |
|             | 802.11be<br>EHT40 | 140             | 5700           | 17.96               | 19.50   |
|             |                   | 144             | 5720           | 18.23               | 19.50   |
|             |                   | 102             | 5510           | 18.85               | 19.50   |
|             |                   | 110             | 5550           | 18.68               | 19.50   |
|             | 802.11be<br>EHT80 | 134             | 5670           | 18.11               | 19.50   |
|             |                   | 142             | 5710           | 18.23               | 19.50   |
|             |                   | 106             | 5530           | 18.81               | 19.50   |
|             |                   | 122             | 5610           | 18.02               | 19.50   |
|             |                   |                 | 138            | 5690                | 18.13   |
| 5GHz        |                   | Channel         | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-3 | 802.11a           | 149             | 5745           | 19.06               | 20.00   |
|             |                   | 157             | 5785           | 19.03               | 20.00   |
|             |                   | 165             | 5825           | 18.76               | 20.00   |
|             | 802.11n HT20      | 149             | 5745           | 19.04               | 20.00   |
|             |                   | 157             | 5785           | 19.06               | 20.00   |
|             |                   | 165             | 5825           | 19.07               | 20.00   |
|             | 802.11n HT40      | 151             | 5755           | 18.15               | 19.00   |
|             |                   | 159             | 5795           | 18.22               | 19.00   |
|             | 802.11ac VHT20    | 149             | 5745           | 18.78               | 20.00   |
|             |                   | 157             | 5785           | 19.02               | 20.00   |
| 165         |                   | 5825            | 18.97          | 20.00               |         |

|  |                   |     |      |       |       |
|--|-------------------|-----|------|-------|-------|
|  | 802.11ac<br>VHT40 | 151 | 5755 | 18.11 | 19.00 |
|  |                   | 159 | 5795 | 18.22 | 19.00 |
|  | 802.11ac<br>VHT80 | 155 | 5775 | 18.25 | 19.00 |
|  |                   |     |      |       |       |
|  | 802.11ax<br>HE20  | 149 | 5745 | 18.73 | 20.00 |
|  |                   | 157 | 5785 | 19.02 | 20.00 |
|  |                   | 165 | 5825 | 19.00 | 20.00 |
|  | 802.11ax<br>HE40  | 151 | 5755 | 18.64 | 19.50 |
|  |                   | 159 | 5795 | 18.66 | 19.50 |
|  | 802.11ax<br>HE80  | 155 | 5775 | 18.20 | 19.00 |
|  |                   |     |      |       |       |
|  |                   |     |      |       |       |
|  | 802.11be<br>EHT20 | 149 | 5745 | 18.28 | 19.50 |
|  |                   | 157 | 5785 | 18.53 | 19.50 |
|  |                   | 165 | 5825 | 18.52 | 19.50 |
|  | 802.11be<br>EHT40 | 151 | 5755 | 18.62 | 19.50 |
|  |                   | 159 | 5795 | 18.69 | 19.50 |
|  | 802.11be<br>EHT80 | 155 | 5775 | 18.58 | 19.50 |

| WIFI 5G Ant5 sensor on |                   |         |                |                     |         |
|------------------------|-------------------|---------|----------------|---------------------|---------|
| 5GHz                   |                   | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-1           | 802.11a           | 36      | 5180           | 14.78               | 15.50   |
|                        |                   | 40      | 5200           | 14.98               | 15.50   |
|                        |                   | 48      | 5240           | 14.44               | 15.50   |
|                        | 802.11n<br>HT20   | 36      | 5180           | 14.73               | 15.50   |
|                        |                   | 40      | 5200           | 14.78               | 15.50   |
|                        |                   | 48      | 5240           | 14.58               | 15.50   |
|                        | 802.11n<br>HT40   | 38      | 5190           | 13.58               | 14.50   |
|                        |                   | 46      | 5230           | 13.54               | 14.50   |
|                        | 802.11ac<br>VHT20 | 36      | 5180           | 14.77               | 15.50   |
|                        |                   | 40      | 5200           | 14.80               | 15.50   |
|                        |                   | 48      | 5240           | 14.43               | 15.50   |
|                        | 802.11ac<br>VHT40 | 38      | 5190           | 13.58               | 14.50   |
|                        |                   | 46      | 5230           | 13.60               | 14.50   |
|                        | 802.11ac<br>VHT80 | 42      | 5210           | 13.68               | 14.50   |
|                        | 802.11ax<br>HE20  | 36      | 5180           | 14.84               | 15.50   |
|                        |                   | 40      | 5200           | 14.93               | 15.50   |
|                        |                   | 48      | 5240           | 14.44               | 15.50   |
|                        | 802.11ax<br>HE40  | 38      | 5190           | 14.16               | 15.00   |
|                        |                   | 46      | 5230           | 14.10               | 15.00   |
|                        | 802.11ax<br>HE80  | 42      | 5210           | 13.80               | 14.50   |
|                        |                   |         |                |                     |         |
|                        | 802.11be<br>EHT20 | 36      | 5180           | 14.27               | 15.00   |
|                        |                   | 40      | 5200           | 14.31               | 15.00   |
|                        |                   | 48      | 5240           | 14.06               | 15.00   |
|                        | 802.11be<br>EHT40 | 38      | 5190           | 14.12               | 15.00   |
|                        |                   | 46      | 5230           | 14.05               | 15.00   |
|                        | 802.11be<br>EHT80 | 42      | 5210           | 14.22               | 15.00   |
| 5GHz                   |                   | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-2A          | 802.11a           | 52      | 5260           | 14.28               | 15.50   |
|                        |                   | 56      | 5280           | 14.14               | 15.50   |
|                        |                   | 64      | 5320           | 13.85               | 15.50   |
|                        | 802.11n<br>HT20   | 52      | 5260           | 14.29               | 15.50   |
|                        |                   | 56      | 5280           | 14.29               | 15.50   |
|                        |                   | 64      | 5320           | 13.88               | 15.50   |
|                        | 802.11n<br>HT40   | 54      | 5270           | 13.18               | 14.50   |
|                        |                   | 62      | 5310           | 13.06               | 14.50   |
|                        | 802.11ac<br>VHT20 | 52      | 5260           | 14.28               | 15.50   |
|                        |                   | 56      | 5280           | 14.09               | 15.50   |
|                        |                   | 64      | 5320           | 13.88               | 15.50   |
|                        | 802.11ac<br>VHT40 | 54      | 5270           | 13.09               | 14.50   |
|                        |                   | 62      | 5310           | 13.08               | 14.50   |
|                        | 802.11ac<br>VHT80 | 58      | 5290           | 13.29               | 14.50   |
|                        | 802.11ax<br>HE20  | 52      | 5260           | 14.39               | 15.50   |
|                        |                   | 56      | 5280           | 14.20               | 15.50   |

|              |                   |         |                |                     |         |
|--------------|-------------------|---------|----------------|---------------------|---------|
|              |                   | 64      | 5320           | 13.84               | 15.50   |
|              | 802.11ax<br>HE40  | 54      | 5270           | 13.66               | 15.00   |
|              |                   | 62      | 5310           | 13.52               | 15.00   |
|              | 802.11ax<br>HE80  | 58      | 5290           | 13.15               | 14.50   |
|              | 802.11be<br>EHT20 | 52      | 5260           | 13.80               | 15.00   |
|              |                   | 56      | 5280           | 13.76               | 15.00   |
|              |                   | 64      | 5320           | 13.37               | 15.00   |
|              | 802.11be<br>EHT40 | 54      | 5270           | 13.68               | 15.00   |
|              |                   | 62      | 5310           | 13.51               | 15.00   |
|              | 802.11be<br>EHT80 | 58      | 5290           | 13.68               | 15.00   |
| 5GHz         |                   | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-2C | 802.11a           | 100     | 5500           | 16.22               | 17.00   |
|              |                   | 116     | 5580           | 15.54               | 17.00   |
|              |                   | 120     | 5600           | 15.45               | 17.00   |
|              |                   | 124     | 5620           | 15.36               | 17.00   |
|              |                   | 128     | 5640           | 15.40               | 17.00   |
|              |                   | 140     | 5700           | 15.53               | 17.00   |
|              |                   | 144     | 5720           | 15.77               | 17.00   |
|              | 802.11n<br>HT20   | 100     | 5500           | 16.22               | 17.00   |
|              |                   | 116     | 5580           | 15.55               | 17.00   |
|              |                   | 120     | 5600           | 15.48               | 17.00   |
|              |                   | 124     | 5620           | 15.37               | 17.00   |
|              |                   | 128     | 5640           | 15.33               | 17.00   |
|              |                   | 140     | 5700           | 15.44               | 17.00   |
|              | 802.11n<br>HT40   | 144     | 5720           | 15.78               | 17.00   |
|              |                   | 102     | 5510           | 15.35               | 16.00   |
|              |                   | 110     | 5550           | 15.22               | 16.00   |
|              |                   | 134     | 5670           | 14.67               | 16.00   |
|              | 802.11ac<br>VHT20 | 142     | 5710           | 14.77               | 16.00   |
|              |                   | 100     | 5500           | 16.25               | 17.00   |
|              |                   | 116     | 5580           | 15.53               | 17.00   |
|              |                   | 120     | 5600           | 15.33               | 17.00   |
|              |                   | 124     | 5620           | 15.28               | 17.00   |
|              |                   | 128     | 5640           | 15.35               | 17.00   |
|              |                   | 140     | 5700           | 15.50               | 17.00   |
|              | 802.11ac<br>VHT40 | 144     | 5720           | 15.77               | 17.00   |
|              |                   | 102     | 5510           | 15.46               | 16.00   |
|              |                   | 110     | 5550           | 15.16               | 16.00   |
|              |                   | 134     | 5670           | 14.61               | 16.00   |
|              | 802.11ac<br>VHT80 | 142     | 5710           | 14.76               | 16.00   |
|              |                   | 106     | 5530           | 15.33               | 16.00   |
|              |                   | 122     | 5610           | 14.54               | 16.00   |
|              | 802.11ax<br>HE20  | 138     | 5690           | 14.60               | 16.00   |
|              |                   | 100     | 5500           | 16.12               | 17.00   |
|              |                   | 116     | 5580           | 15.48               | 17.00   |
|              |                   | 120     | 5600           | 15.48               | 17.00   |
|              |                   | 124     | 5620           | 15.29               | 17.00   |
|              |                   | 128     | 5640           | 15.34               | 17.00   |
|              |                   | 140     | 5700           | 15.43               | 17.00   |
|              | 802.11ax<br>HE40  | 144     | 5720           | 15.69               | 17.00   |
|              |                   | 102     | 5510           | 15.89               | 16.50   |
|              |                   | 110     | 5550           | 15.70               | 16.50   |
|              |                   | 134     | 5670           | 15.14               | 16.50   |
|              | 802.11ax<br>HE80  | 142     | 5710           | 15.17               | 16.50   |
|              |                   | 106     | 5530           | 15.34               | 16.00   |
|              |                   | 122     | 5610           | 14.49               | 16.00   |
|              | 802.11be<br>EHT20 | 138     | 5690           | 14.52               | 16.00   |
|              |                   | 100     | 5500           | 15.72               | 16.50   |
|              |                   | 116     | 5580           | 15.07               | 16.50   |
|              |                   | 120     | 5600           | 14.88               | 16.50   |
|              |                   | 124     | 5620           | 14.88               | 16.50   |
|              |                   | 128     | 5640           | 14.82               | 16.50   |
|              | 802.11be<br>EHT40 | 140     | 5700           | 14.98               | 16.50   |
|              |                   | 144     | 5720           | 15.21               | 16.50   |
|              |                   | 102     | 5510           | 15.85               | 16.50   |
|              |                   | 110     | 5550           | 15.70               | 16.50   |
|              |                   | 134     | 5670           | 15.09               | 16.50   |

|             |                   |         |                |                        |         |
|-------------|-------------------|---------|----------------|------------------------|---------|
|             | 802.11be<br>EHT80 | 142     | 5710           | 15.24                  | 16.50   |
|             |                   | 106     | 5530           | 15.85                  | 16.50   |
|             |                   | 122     | 5610           | 14.97                  | 16.50   |
|             |                   | 138     | 5690           | 15.09                  | 16.50   |
| 5GHz        |                   | Channel | Frequency(MHz) | Average Power<br>(dBm) | Tune up |
| 5GHz UNII-3 | 802.11a           | 149     | 5745           | 16.59                  | 17.50   |
|             |                   | 157     | 5785           | 16.47                  | 17.50   |
|             |                   | 165     | 5825           | 16.27                  | 17.50   |
|             | 802.11n<br>HT20   | 149     | 5745           | 16.58                  | 17.50   |
|             |                   | 157     | 5785           | 16.56                  | 17.50   |
|             |                   | 165     | 5825           | 16.57                  | 17.50   |
|             | 802.11n<br>HT40   | 151     | 5755           | 15.60                  | 16.50   |
|             |                   | 159     | 5795           | 15.72                  | 16.50   |
|             | 802.11ac<br>VHT20 | 149     | 5745           | 16.24                  | 17.50   |
|             |                   | 157     | 5785           | 16.46                  | 17.50   |
|             |                   | 165     | 5825           | 16.47                  | 17.50   |
|             | 802.11ac<br>VHT40 | 151     | 5755           | 15.63                  | 16.50   |
|             |                   | 159     | 5795           | 15.65                  | 16.50   |
|             | 802.11ac<br>VHT80 | 155     | 5775           | 15.69                  | 16.50   |
|             | 802.11ax<br>HE20  | 149     | 5745           | 16.25                  | 17.50   |
|             |                   | 157     | 5785           | 16.51                  | 17.50   |
|             |                   | 165     | 5825           | 16.47                  | 17.50   |
|             | 802.11ax<br>HE40  | 151     | 5755           | 16.07                  | 17.00   |
|             |                   | 159     | 5795           | 16.21                  | 17.00   |
|             | 802.11ax<br>HE80  | 155     | 5775           | 15.71                  | 16.50   |
|             | 802.11be<br>EHT20 | 149     | 5745           | 15.76                  | 17.00   |
|             |                   | 157     | 5785           | 16.07                  | 17.00   |
|             |                   | 165     | 5825           | 15.99                  | 17.00   |
|             | 802.11be<br>EHT40 | 151     | 5755           | 16.10                  | 17.00   |
|             |                   | 159     | 5795           | 16.18                  | 17.00   |
|             | 802.11be<br>EHT80 | 155     | 5775           | 16.12                  | 17.00   |

| WIFI 5G Ant6 sensor off |                   |         |                |                        |         |
|-------------------------|-------------------|---------|----------------|------------------------|---------|
| 5GHz                    |                   | Channel | Frequency(MHz) | Average Power<br>(dBm) | Tune up |
| 5GHz U-NII-1            | 802.11a           | 36      | 5180           | 19.28                  | 20.00   |
|                         |                   | 40      | 5200           | 19.28                  | 20.00   |
|                         |                   | 48      | 5240           | 19.17                  | 20.00   |
|                         | 802.11n<br>HT20   | 36      | 5180           | 19.17                  | 20.00   |
|                         |                   | 40      | 5200           | 19.16                  | 20.00   |
|                         |                   | 48      | 5240           | 18.94                  | 20.00   |
|                         | 802.11n<br>HT40   | 38      | 5190           | 18.04                  | 19.00   |
|                         |                   | 46      | 5230           | 17.97                  | 19.00   |
|                         | 802.11ac<br>VHT20 | 36      | 5180           | 19.18                  | 20.00   |
|                         |                   | 40      | 5200           | 19.15                  | 20.00   |
|                         |                   | 48      | 5240           | 18.79                  | 20.00   |
|                         | 802.11ac<br>VHT40 | 38      | 5190           | 17.94                  | 19.00   |
|                         |                   | 46      | 5230           | 18.00                  | 19.00   |
|                         | 802.11ac<br>VHT80 | 42      | 5210           | 18.16                  | 19.00   |
|                         | 802.11ax<br>HE20  | 36      | 5180           | 19.17                  | 20.00   |
|                         |                   | 40      | 5200           | 19.26                  | 20.00   |
|                         |                   | 48      | 5240           | 18.88                  | 20.00   |
|                         | 802.11ax<br>HE40  | 38      | 5190           | 18.51                  | 19.50   |
|                         |                   | 46      | 5230           | 18.47                  | 19.50   |
|                         | 802.11ax<br>HE80  | 42      | 5210           | 18.18                  | 19.00   |
|                         | 802.11be<br>EHT20 | 36      | 5180           | 18.65                  | 19.50   |
|                         |                   | 40      | 5200           | 18.65                  | 19.50   |
|                         |                   | 48      | 5240           | 18.39                  | 19.50   |
|                         | 802.11be<br>EHT40 | 38      | 5190           | 18.45                  | 19.50   |
|                         |                   | 46      | 5230           | 18.44                  | 19.50   |
|                         | 802.11be<br>EHT80 | 42      | 5210           | 18.61                  | 19.50   |
| 5GHz                    |                   | Channel | Frequency(MHz) | Average Power<br>(dBm) | Tune up |

|               |                |         |                |                     |         |
|---------------|----------------|---------|----------------|---------------------|---------|
| 5GHz U-NII-2A | 802.11a        | 52      | 5260           | 19.05               | 20.00   |
|               |                | 56      | 5280           | 18.90               | 20.00   |
|               |                | 64      | 5320           | 18.83               | 20.00   |
|               | 802.11n HT20   | 52      | 5260           | 18.84               | 20.00   |
|               |                | 56      | 5280           | 18.70               | 20.00   |
|               |                | 64      | 5320           | 18.32               | 20.00   |
|               | 802.11n HT40   | 54      | 5270           | 17.68               | 19.00   |
|               |                | 62      | 5310           | 17.57               | 19.00   |
|               | 802.11ac VHT20 | 52      | 5260           | 18.79               | 20.00   |
|               |                | 56      | 5280           | 18.57               | 20.00   |
|               |                | 64      | 5320           | 18.37               | 20.00   |
|               | 802.11ac VHT40 | 54      | 5270           | 17.55               | 19.00   |
|               |                | 62      | 5310           | 17.57               | 19.00   |
|               | 802.11ac VHT80 | 58      | 5290           | 17.76               | 19.00   |
|               | 802.11ax HE20  | 52      | 5260           | 18.82               | 20.00   |
|               |                | 56      | 5280           | 18.73               | 20.00   |
|               |                | 64      | 5320           | 18.32               | 20.00   |
|               | 802.11ax HE40  | 54      | 5270           | 18.19               | 19.50   |
|               |                | 62      | 5310           | 18.08               | 19.50   |
|               | 802.11ax HE80  | 58      | 5290           | 17.67               | 19.00   |
|               | 802.11be EHT20 | 52      | 5260           | 18.32               | 19.50   |
|               |                | 56      | 5280           | 18.19               | 19.50   |
|               |                | 64      | 5320           | 17.86               | 19.50   |
|               | 802.11be EHT40 | 54      | 5270           | 18.17               | 19.50   |
|               |                | 62      | 5310           | 18.02               | 19.50   |
|               | 802.11be EHT80 | 58      | 5290           | 18.13               | 19.50   |
| 5GHz          |                | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-2C  | 802.11a        | 100     | 5500           | 18.96               | 20.00   |
|               |                | 116     | 5580           | 18.21               | 20.00   |
|               |                | 120     | 5600           | 18.09               | 20.00   |
|               |                | 124     | 5620           | 18.15               | 20.00   |
|               |                | 128     | 5640           | 18.25               | 20.00   |
|               |                | 140     | 5700           | 18.47               | 20.00   |
|               |                | 144     | 5720           | 18.48               | 20.00   |
|               | 802.11n HT20   | 100     | 5500           | 18.87               | 20.00   |
|               |                | 116     | 5580           | 18.23               | 20.00   |
|               |                | 120     | 5600           | 18.16               | 20.00   |
|               |                | 124     | 5620           | 18.05               | 20.00   |
|               |                | 128     | 5640           | 18.05               | 20.00   |
|               |                | 140     | 5700           | 18.13               | 20.00   |
|               |                | 144     | 5720           | 18.44               | 20.00   |
|               | 802.11n HT40   | 102     | 5510           | 18.10               | 19.00   |
|               |                | 110     | 5550           | 17.90               | 19.00   |
|               |                | 134     | 5670           | 17.27               | 19.00   |
|               |                | 142     | 5710           | 17.48               | 19.00   |
|               | 802.11ac VHT20 | 100     | 5500           | 18.94               | 20.00   |
|               |                | 116     | 5580           | 18.23               | 20.00   |
|               |                | 120     | 5600           | 18.08               | 20.00   |
|               |                | 124     | 5620           | 18.01               | 20.00   |
|               |                | 128     | 5640           | 18.05               | 20.00   |
|               |                | 140     | 5700           | 18.17               | 20.00   |
|               |                | 144     | 5720           | 18.41               | 20.00   |
|               | 802.11ac VHT40 | 102     | 5510           | 18.06               | 19.00   |
|               |                | 110     | 5550           | 17.86               | 19.00   |
|               |                | 134     | 5670           | 17.27               | 19.00   |
|               |                | 142     | 5710           | 17.41               | 19.00   |
|               | 802.11ac VHT80 | 106     | 5530           | 18.00               | 19.00   |
|               |                | 122     | 5610           | 17.27               | 19.00   |
|               |                | 138     | 5690           | 17.31               | 19.00   |
|               | 802.11ax HE20  | 100     | 5500           | 18.91               | 20.00   |
|               |                | 116     | 5580           | 18.21               | 20.00   |
|               |                | 120     | 5600           | 18.18               | 20.00   |
|               |                | 124     | 5620           | 18.03               | 20.00   |
|               |                | 128     | 5640           | 18.06               | 20.00   |
|               |                | 140     | 5700           | 18.12               | 20.00   |
|               |                | 144     | 5720           | 18.45               | 20.00   |

|                   |                   |         |                |                     |         |
|-------------------|-------------------|---------|----------------|---------------------|---------|
|                   | 802.11ax<br>HE40  | 102     | 5510           | 18.58               | 19.50   |
|                   |                   | 110     | 5550           | 18.43               | 19.50   |
|                   |                   | 134     | 5670           | 17.76               | 19.50   |
|                   |                   | 142     | 5710           | 17.93               | 19.50   |
|                   | 802.11ax<br>HE80  | 106     | 5530           | 18.01               | 19.00   |
|                   |                   | 122     | 5610           | 17.18               | 19.00   |
|                   |                   | 138     | 5690           | 17.32               | 19.00   |
|                   |                   | 100     | 5500           | 18.41               | 19.50   |
|                   | 802.11be<br>EHT20 | 116     | 5580           | 17.78               | 19.50   |
|                   |                   | 120     | 5600           | 17.64               | 19.50   |
|                   |                   | 124     | 5620           | 17.59               | 19.50   |
|                   |                   | 128     | 5640           | 17.50               | 19.50   |
|                   |                   | 140     | 5700           | 17.59               | 19.50   |
|                   |                   | 144     | 5720           | 17.87               | 19.50   |
|                   | 802.11be<br>EHT40 | 102     | 5510           | 18.56               | 19.50   |
|                   |                   | 110     | 5550           | 18.37               | 19.50   |
| 134               |                   | 5670    | 17.75          | 19.50               |         |
| 142               |                   | 5710    | 17.89          | 19.50               |         |
| 802.11be<br>EHT80 | 106               | 5530    | 18.48          | 19.50               |         |
|                   | 122               | 5610    | 17.68          | 19.50               |         |
|                   | 138               | 5690    | 17.80          | 19.50               |         |
| 5GHz              |                   | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-3       | 802.11a           | 149     | 5745           | 18.82               | 20.00   |
|                   |                   | 157     | 5785           | 18.50               | 20.00   |
|                   |                   | 165     | 5825           | 18.16               | 20.00   |
|                   | 802.11n<br>HT20   | 149     | 5745           | 18.98               | 20.00   |
|                   |                   | 157     | 5785           | 18.68               | 20.00   |
|                   |                   | 165     | 5825           | 18.71               | 20.00   |
|                   | 802.11n<br>HT40   | 151     | 5755           | 17.82               | 19.00   |
|                   |                   | 159     | 5795           | 17.92               | 19.00   |
|                   | 802.11ac<br>VHT20 | 149     | 5745           | 18.43               | 20.00   |
|                   |                   | 157     | 5785           | 18.72               | 20.00   |
|                   |                   | 165     | 5825           | 18.67               | 20.00   |
|                   | 802.11ac<br>VHT40 | 151     | 5755           | 17.82               | 19.00   |
|                   |                   | 159     | 5795           | 17.86               | 19.00   |
|                   | 802.11ac<br>VHT80 | 155     | 5775           | 17.96               | 19.00   |
|                   | 802.11ax<br>HE20  | 149     | 5745           | 18.41               | 20.00   |
|                   |                   | 157     | 5785           | 18.64               | 20.00   |
|                   |                   | 165     | 5825           | 18.70               | 20.00   |
|                   | 802.11ax<br>HE40  | 151     | 5755           | 18.32               | 19.50   |
|                   |                   | 159     | 5795           | 18.42               | 19.50   |
|                   | 802.11ax<br>HE80  | 155     | 5775           | 17.85               | 19.00   |
|                   | 802.11be<br>EHT20 | 149     | 5745           | 17.91               | 19.50   |
|                   |                   | 157     | 5785           | 18.20               | 19.50   |
|                   |                   | 165     | 5825           | 18.21               | 19.50   |
|                   | 802.11be<br>EHT40 | 151     | 5755           | 18.30               | 19.50   |
|                   |                   | 159     | 5795           | 18.41               | 19.50   |
|                   | 802.11be<br>EHT80 | 155     | 5775           | 18.31               | 19.50   |

| WIFI 5G MIMO sensor off |                   |         |                |                     |         |
|-------------------------|-------------------|---------|----------------|---------------------|---------|
| 5GHz                    |                   | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-1            | 802.11a           | 36      | 5180           | /                   | /       |
|                         |                   | 40      | 5200           | /                   | /       |
|                         |                   | 48      | 5240           | /                   | /       |
|                         | 802.11n<br>HT20   | 36      | 5180           | 22.23               | 23.00   |
|                         |                   | 40      | 5200           | 22.24               | 23.00   |
|                         |                   | 48      | 5240           | 22.00               | 23.00   |
|                         | 802.11n<br>HT40   | 38      | 5190           | 21.11               | 22.00   |
|                         |                   | 46      | 5230           | 21.05               | 22.00   |
|                         | 802.11ac<br>VHT20 | 36      | 5180           | 22.24               | 23.00   |
|                         |                   | 40      | 5200           | 22.21               | 23.00   |
|                         |                   | 48      | 5240           | 21.87               | 23.00   |
|                         | 802.11ac<br>VHT40 | 38      | 5190           | 21.01               | 22.00   |
|                         |                   | 46      | 5230           | 21.06               | 22.00   |
|                         | 802.11ac          | 42      | 5210           | 21.20               | 22.00   |

|                   |                   |         |                |                     |                     |
|-------------------|-------------------|---------|----------------|---------------------|---------------------|
|                   | VHT80             |         |                |                     |                     |
|                   | 802.11ax<br>HE20  | 36      | 5180           | 22.24               | 23.00               |
|                   |                   | 40      | 5200           | 22.35               | 23.00               |
|                   |                   | 48      | 5240           | 21.95               | 23.00               |
|                   | 802.11ax<br>HE40  | 38      | 5190           | 21.57               | 22.50               |
|                   |                   | 46      | 5230           | 21.52               | 22.50               |
|                   | 802.11ax<br>HE80  | 42      | 5210           | 21.25               | 22.00               |
|                   | 802.11be<br>EHT20 | 36      | 5180           | 21.73               | 22.50               |
|                   |                   | 40      | 5200           | 21.73               | 22.50               |
|                   |                   | 48      | 5240           | 21.47               | 22.50               |
|                   | 802.11be<br>EHT40 | 38      | 5190           | 21.54               | 22.50               |
| 46                |                   | 5230    | 21.50          | 22.50               |                     |
| 802.11be<br>EHT80 | 42                | 5210    | 21.69          | 22.50               |                     |
| 5GHz              |                   | Channel | Frequency(MHz) | Average Power (dBm) | Tune up             |
| 5GHz U-NII-2A     | 802.11a           | 52      | 5260           | /                   | /                   |
|                   |                   | 56      | 5280           | /                   | /                   |
|                   |                   | 64      | 5320           | /                   | /                   |
|                   | 802.11n<br>HT20   | 52      | 5260           | 21.84               | 23.00               |
|                   |                   | 56      | 5280           | 21.72               | 23.00               |
|                   |                   | 64      | 5320           | 21.36               | 23.00               |
|                   | 802.11n<br>HT40   | 54      | 5270           | 20.73               | 22.00               |
|                   |                   | 62      | 5310           | 20.60               | 22.00               |
|                   | 802.11ac<br>VHT20 | 52      | 5260           | 21.81               | 23.00               |
|                   |                   | 56      | 5280           | 21.61               | 23.00               |
|                   |                   | 64      | 5320           | 21.39               | 23.00               |
|                   | 802.11ac<br>VHT40 | 54      | 5270           | 20.59               | 22.00               |
|                   |                   | 62      | 5310           | 20.59               | 22.00               |
|                   | 802.11ac<br>VHT80 | 58      | 5290           | 20.80               | 22.00               |
|                   | 802.11ax<br>HE20  | 52      | 5260           | 21.83               | 23.00               |
|                   |                   | 56      | 5280           | 21.74               | 23.00               |
|                   |                   | 64      | 5320           | 21.34               | 23.00               |
|                   | 802.11ax<br>HE40  | 54      | 5270           | 21.21               | 22.50               |
|                   |                   | 62      | 5310           | 21.10               | 22.50               |
|                   | 802.11ax<br>HE80  | 58      | 5290           | 20.67               | 22.00               |
|                   | 802.11be<br>EHT20 | 52      | 5260           | 21.34               | 22.50               |
|                   |                   | 56      | 5280           | 21.21               | 22.50               |
|                   |                   | 64      | 5320           | 20.88               | 22.50               |
|                   | 802.11be<br>EHT40 | 54      | 5270           | 21.18               | 22.50               |
|                   |                   | 62      | 5310           | 21.04               | 22.50               |
|                   | 802.11be<br>EHT80 | 58      | 5290           | 21.19               | 22.50               |
|                   | 5GHz              |         | Channel        | Frequency(MHz)      | Average Power (dBm) |
| 5GHz UNII-2C      | 802.11a           | 100     | 5500           | /                   | /                   |
|                   |                   | 116     | 5580           | /                   | /                   |
|                   |                   | 120     | 5600           | /                   | /                   |
|                   |                   | 124     | 5620           | /                   | /                   |
|                   |                   | 128     | 5640           | /                   | /                   |
|                   |                   | 140     | 5700           | /                   | /                   |
|                   |                   | 144     | 5720           | /                   | /                   |
|                   | 802.11n<br>HT20   | 100     | 5500           | 22.06               | 23.00               |
|                   |                   | 116     | 5580           | 21.39               | 23.00               |
|                   |                   | 120     | 5600           | 21.34               | 23.00               |
|                   |                   | 124     | 5620           | 21.25               | 23.00               |
|                   |                   | 128     | 5640           | 21.22               | 23.00               |
|                   |                   | 140     | 5700           | 21.31               | 23.00               |
|                   | 802.11n<br>HT40   | 144     | 5720           | 21.61               | 23.00               |
|                   |                   | 102     | 5510           | 21.26               | 22.00               |
|                   |                   | 110     | 5550           | 21.06               | 22.00               |
|                   |                   | 134     | 5670           | 20.45               | 22.00               |
|                   | 802.11ac<br>VHT20 | 142     | 5710           | 20.65               | 22.00               |
|                   |                   | 100     | 5500           | 22.10               | 23.00               |
|                   |                   | 116     | 5580           | 21.41               | 23.00               |
|                   |                   | 120     | 5600           | 21.24               | 23.00               |
|                   |                   | 124     | 5620           | 21.16               | 23.00               |
|                   |                   | 128     | 5640           | 21.22               | 23.00               |

|             |                   |         |                |                     |         |
|-------------|-------------------|---------|----------------|---------------------|---------|
|             |                   | 140     | 5700           | 21.35               | 23.00   |
|             |                   | 144     | 5720           | 21.60               | 23.00   |
|             | 802.11ac<br>VHT40 | 102     | 5510           | 21.23               | 22.00   |
|             |                   | 110     | 5550           | 21.04               | 22.00   |
|             |                   | 134     | 5670           | 20.47               | 22.00   |
|             |                   | 142     | 5710           | 20.58               | 22.00   |
|             |                   | 106     | 5530           | 21.19               | 22.00   |
|             | 802.11ac<br>VHT80 | 122     | 5610           | 20.42               | 22.00   |
|             |                   | 138     | 5690           | 20.47               | 22.00   |
|             |                   | 100     | 5500           | 22.05               | 23.00   |
|             | 802.11ax<br>HE20  | 116     | 5580           | 21.38               | 23.00   |
|             |                   | 120     | 5600           | 21.33               | 23.00   |
|             |                   | 124     | 5620           | 21.20               | 23.00   |
|             |                   | 128     | 5640           | 21.21               | 23.00   |
|             |                   | 140     | 5700           | 21.29               | 23.00   |
|             |                   | 144     | 5720           | 21.61               | 23.00   |
|             |                   | 102     | 5510           | 21.75               | 22.50   |
|             | 802.11ax<br>HE40  | 110     | 5550           | 21.59               | 22.50   |
|             |                   | 134     | 5670           | 20.95               | 22.50   |
|             |                   | 142     | 5710           | 21.09               | 22.50   |
|             |                   | 106     | 5530           | 21.17               | 22.00   |
|             | 802.11ax<br>HE80  | 122     | 5610           | 20.36               | 22.00   |
|             |                   | 138     | 5690           | 20.47               | 22.00   |
|             |                   | 100     | 5500           | 21.58               | 22.50   |
|             | 802.11be<br>EHT20 | 116     | 5580           | 20.94               | 22.50   |
|             |                   | 120     | 5600           | 20.80               | 22.50   |
|             |                   | 124     | 5620           | 20.75               | 22.50   |
|             |                   | 128     | 5640           | 20.69               | 22.50   |
|             |                   | 140     | 5700           | 20.79               | 22.50   |
|             |                   | 144     | 5720           | 21.06               | 22.50   |
|             |                   | 102     | 5510           | 21.72               | 22.50   |
|             | 802.11be<br>EHT40 | 110     | 5550           | 21.54               | 22.50   |
|             |                   | 134     | 5670           | 20.94               | 22.50   |
|             |                   | 142     | 5710           | 21.07               | 22.50   |
|             |                   | 106     | 5530           | 21.66               | 22.50   |
|             | 802.11be<br>EHT80 | 122     | 5610           | 20.86               | 22.50   |
|             |                   | 138     | 5690           | 20.98               | 22.50   |
| 5GHz        |                   | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-3 | 802.11a           | 149     | 5745           | /                   | /       |
|             |                   | 157     | 5785           | /                   | /       |
|             |                   | 165     | 5825           | /                   | /       |
|             | 802.11n<br>HT20   | 149     | 5745           | 22.02               | 23.00   |
|             |                   | 157     | 5785           | 21.88               | 23.00   |
|             |                   | 165     | 5825           | 21.90               | 23.00   |
|             | 802.11n<br>HT40   | 151     | 5755           | 21.00               | 22.00   |
|             |                   | 159     | 5795           | 21.08               | 22.00   |
|             | 802.11ac<br>VHT20 | 149     | 5745           | 21.62               | 23.00   |
|             |                   | 157     | 5785           | 21.88               | 23.00   |
|             |                   | 165     | 5825           | 21.83               | 23.00   |
|             | 802.11ac<br>VHT40 | 151     | 5755           | 20.98               | 22.00   |
|             |                   | 159     | 5795           | 21.05               | 22.00   |
|             | 802.11ac<br>VHT80 | 155     | 5775           | 21.12               | 22.00   |
|             | 802.11ax<br>HE20  | 149     | 5745           | 21.58               | 23.00   |
|             |                   | 157     | 5785           | 21.84               | 23.00   |
|             |                   | 165     | 5825           | 21.86               | 23.00   |
|             | 802.11ax<br>HE40  | 151     | 5755           | 21.49               | 22.50   |
|             |                   | 159     | 5795           | 21.55               | 22.50   |
|             | 802.11ax<br>HE80  | 155     | 5775           | 21.04               | 22.00   |
|             | 802.11be<br>EHT20 | 149     | 5745           | 21.11               | 22.50   |
|             |                   | 157     | 5785           | 21.38               | 22.50   |
|             |                   | 165     | 5825           | 21.38               | 22.50   |
|             | 802.11be<br>EHT40 | 151     | 5755           | 21.47               | 22.50   |
|             |                   | 159     | 5795           | 21.56               | 22.50   |
|             | 802.11be<br>EHT80 | 155     | 5775           | 21.46               | 22.50   |

| WIFI 5G MIMO  |                |         |                |                     |         |
|---------------|----------------|---------|----------------|---------------------|---------|
| 5GHz          |                | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-1  | 802.11a        | 36      | 5180           | /                   | /       |
|               |                | 40      | 5200           | /                   | /       |
|               |                | 48      | 5240           | /                   | /       |
|               | 802.11n HT20   | 36      | 5180           | 17.73               | 18.50   |
|               |                | 40      | 5200           | 17.80               | 18.50   |
|               |                | 48      | 5240           | 17.52               | 18.50   |
|               | 802.11n HT40   | 38      | 5190           | 16.58               | 17.50   |
|               |                | 46      | 5230           | 16.57               | 17.50   |
|               | 802.11ac VHT20 | 36      | 5180           | 17.74               | 18.50   |
|               |                | 40      | 5200           | 17.80               | 18.50   |
|               |                | 48      | 5240           | 17.43               | 18.50   |
|               | 802.11ac VHT40 | 38      | 5190           | 16.52               | 17.50   |
|               |                | 46      | 5230           | 16.52               | 17.50   |
|               | 802.11ac VHT80 | 42      | 5210           | 16.69               | 17.50   |
|               |                |         |                |                     |         |
|               | 802.11ax HE20  | 36      | 5180           | 17.76               | 18.50   |
|               |                | 40      | 5200           | 17.92               | 18.50   |
|               |                | 48      | 5240           | 17.44               | 18.50   |
|               | 802.11ax HE40  | 38      | 5190           | 17.12               | 18.00   |
|               |                | 46      | 5230           | 17.07               | 18.00   |
|               | 802.11ax HE80  | 42      | 5210           | 16.74               | 17.50   |
|               |                |         |                |                     |         |
|               | 802.11be EHT20 | 36      | 5180           | 17.29               | 18.00   |
|               |                | 40      | 5200           | 17.28               | 18.00   |
|               |                | 48      | 5240           | 17.03               | 18.00   |
|               | 802.11be EHT40 | 38      | 5190           | 17.07               | 18.00   |
|               |                | 46      | 5230           | 17.02               | 18.00   |
|               | 802.11be EHT80 | 42      | 5210           | 17.16               | 18.00   |
| 5GHz          |                | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz U-NII-2A | 802.11a        | 52      | 5260           | /                   | /       |
|               |                | 56      | 5280           | /                   | /       |
|               |                | 64      | 5320           | /                   | /       |
|               | 802.11n HT20   | 52      | 5260           | 17.34               | 18.50   |
|               |                | 56      | 5280           | 17.30               | 18.50   |
|               |                | 64      | 5320           | 16.91               | 18.50   |
|               | 802.11n HT40   | 54      | 5270           | 16.16               | 17.50   |
|               |                | 62      | 5310           | 16.07               | 17.50   |
|               | 802.11ac VHT20 | 52      | 5260           | 17.26               | 18.50   |
|               |                | 56      | 5280           | 17.10               | 18.50   |
|               |                | 64      | 5320           | 16.90               | 18.50   |
|               | 802.11ac VHT40 | 54      | 5270           | 16.12               | 17.50   |
|               |                | 62      | 5310           | 16.13               | 17.50   |
|               | 802.11ac VHT80 | 58      | 5290           | 16.28               | 17.50   |
|               |                |         |                |                     |         |
|               | 802.11ax HE20  | 52      | 5260           | 17.37               | 18.50   |
|               |                | 56      | 5280           | 17.26               | 18.50   |
|               |                | 64      | 5320           | 16.87               | 18.50   |
|               | 802.11ax HE40  | 54      | 5270           | 16.69               | 18.00   |
|               |                | 62      | 5310           | 16.55               | 18.00   |
|               | 802.11ax HE80  | 58      | 5290           | 16.16               | 17.50   |
|               |                |         |                |                     |         |
|               | 802.11be EHT20 | 52      | 5260           | 16.84               | 18.00   |
|               |                | 56      | 5280           | 16.75               | 18.00   |
|               |                | 64      | 5320           | 16.39               | 18.00   |
|               | 802.11be EHT40 | 54      | 5270           | 16.73               | 18.00   |
|               |                | 62      | 5310           | 16.58               | 18.00   |
|               | 802.11be EHT80 | 58      | 5290           | 16.71               | 18.00   |
| 5GHz          |                | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-2C  | 802.11a        | 100     | 5500           | /                   | /       |
|               |                | 116     | 5580           | /                   | /       |
|               |                | 120     | 5600           | /                   | /       |
|               |                | 124     | 5620           | /                   | /       |
|               |                | 128     | 5640           | /                   | /       |
|               |                | 140     | 5700           | /                   | /       |

|             |                   |         |                |                     |         |
|-------------|-------------------|---------|----------------|---------------------|---------|
|             | 802.11n<br>HT20   | 144     | 5720           | /                   | /       |
|             |                   | 100     | 5500           | 19.09               | 20.00   |
|             |                   | 116     | 5580           | 18.42               | 20.00   |
|             |                   | 120     | 5600           | 18.35               | 20.00   |
|             |                   | 124     | 5620           | 18.20               | 20.00   |
|             |                   | 128     | 5640           | 18.25               | 20.00   |
|             |                   | 140     | 5700           | 18.30               | 20.00   |
|             | 802.11n<br>HT40   | 144     | 5720           | 18.65               | 20.00   |
|             |                   | 102     | 5510           | 18.25               | 19.00   |
|             |                   | 110     | 5550           | 18.13               | 19.00   |
|             |                   | 134     | 5670           | 17.52               | 19.00   |
|             | 802.11ac<br>VHT20 | 142     | 5710           | 17.63               | 19.00   |
|             |                   | 100     | 5500           | 19.07               | 20.00   |
|             |                   | 116     | 5580           | 18.41               | 20.00   |
|             |                   | 120     | 5600           | 18.24               | 20.00   |
|             |                   | 124     | 5620           | 18.18               | 20.00   |
|             |                   | 128     | 5640           | 18.25               | 20.00   |
|             | 802.11ac<br>VHT40 | 140     | 5700           | 18.39               | 20.00   |
|             |                   | 144     | 5720           | 18.58               | 20.00   |
|             |                   | 102     | 5510           | 18.25               | 19.00   |
|             |                   | 110     | 5550           | 18.07               | 19.00   |
|             | 802.11ac<br>VHT80 | 134     | 5670           | 17.49               | 19.00   |
|             |                   | 142     | 5710           | 17.58               | 19.00   |
|             |                   | 106     | 5530           | 18.18               | 19.00   |
|             |                   | 122     | 5610           | 17.42               | 19.00   |
|             | 802.11ax<br>HE20  | 138     | 5690           | 17.44               | 19.00   |
|             |                   | 100     | 5500           | 18.99               | 20.00   |
|             |                   | 116     | 5580           | 18.35               | 20.00   |
|             |                   | 120     | 5600           | 18.37               | 20.00   |
|             |                   | 124     | 5620           | 18.21               | 20.00   |
|             |                   | 128     | 5640           | 18.19               | 20.00   |
|             |                   | 140     | 5700           | 18.31               | 20.00   |
|             | 802.11ax<br>HE40  | 144     | 5720           | 18.60               | 20.00   |
|             |                   | 102     | 5510           | 18.75               | 19.50   |
|             |                   | 110     | 5550           | 18.54               | 19.50   |
|             |                   | 134     | 5670           | 17.95               | 19.50   |
|             | 802.11ax<br>HE80  | 142     | 5710           | 18.06               | 19.50   |
|             |                   | 106     | 5530           | 18.19               | 19.00   |
|             |                   | 122     | 5610           | 17.36               | 19.00   |
|             | 802.11be<br>EHT20 | 138     | 5690           | 17.42               | 19.00   |
|             |                   | 100     | 5500           | 18.57               | 19.50   |
|             |                   | 116     | 5580           | 17.96               | 19.50   |
|             |                   | 120     | 5600           | 17.79               | 19.50   |
|             |                   | 124     | 5620           | 17.73               | 19.50   |
|             |                   | 128     | 5640           | 17.72               | 19.50   |
|             | 802.11be<br>EHT40 | 140     | 5700           | 17.79               | 19.50   |
|             |                   | 144     | 5720           | 18.08               | 19.50   |
|             |                   | 102     | 5510           | 18.70               | 19.50   |
|             |                   | 110     | 5550           | 18.52               | 19.50   |
|             | 802.11be<br>EHT80 | 134     | 5670           | 17.96               | 19.50   |
|             |                   | 142     | 5710           | 18.10               | 19.50   |
|             |                   | 106     | 5530           | 18.70               | 19.50   |
|             |                   | 122     | 5610           | 17.82               | 19.50   |
|             |                   |         | 138            | 5690                | 17.96   |
| 5GHz        |                   | Channel | Frequency(MHz) | Average Power (dBm) | Tune up |
| 5GHz UNII-3 | 802.11a           | 149     | 5745           | /                   | /       |
|             |                   | 157     | 5785           | /                   | /       |
|             |                   | 165     | 5825           | /                   | /       |
|             | 802.11n<br>HT20   | 149     | 5745           | 19.53               | 20.50   |
|             |                   | 157     | 5785           | 19.43               | 20.50   |
|             |                   | 165     | 5825           | 19.45               | 20.50   |
|             | 802.11n<br>HT40   | 151     | 5755           | 18.50               | 19.50   |
|             |                   | 159     | 5795           | 18.59               | 19.50   |
|             | 802.11ac<br>VHT20 | 149     | 5745           | 19.12               | 20.50   |
|             |                   | 157     | 5785           | 19.33               | 20.50   |
|             |                   | 165     | 5825           | 19.34               | 20.50   |
|             | 802.11ac<br>VHT40 | 151     | 5755           | 18.52               | 19.50   |
|             |                   | 159     | 5795           | 18.55               | 19.50   |
|             | 802.11ac          | 155     | 5775           | 18.58               | 19.50   |



|  |                   |     |      |       |       |
|--|-------------------|-----|------|-------|-------|
|  | VHT80             |     |      |       |       |
|  | 802.11ax<br>HE20  | 149 | 5745 | 19.13 | 20.50 |
|  |                   | 157 | 5785 | 19.37 | 20.50 |
|  |                   | 165 | 5825 | 19.34 | 20.50 |
|  | 802.11ax<br>HE40  | 151 | 5755 | 19.00 | 20.00 |
|  |                   | 159 | 5795 | 19.10 | 20.00 |
|  | 802.11ax<br>HE80  | 155 | 5775 | 18.54 | 19.50 |
|  | 802.11be<br>EHT20 | 149 | 5745 | 18.60 | 20.00 |
|  |                   | 157 | 5785 | 18.89 | 20.00 |
|  |                   | 165 | 5825 | 18.88 | 20.00 |
|  | 802.11be<br>EHT40 | 151 | 5755 | 18.94 | 20.00 |
|  |                   | 159 | 5795 | 19.02 | 20.00 |
|  | 802.11be<br>EHT80 | 155 | 5775 | 18.99 | 20.00 |

### 1.3 Conducted Power of 6E WIFI

| WIFI 6E Ant5 Body |                 |         |                 |           |                     |         |
|-------------------|-----------------|---------|-----------------|-----------|---------------------|---------|
| Band              | Mode            | Channel | Frequency (MHz) | Data Rate | Average Power (dBm) | Tune up |
| U-NII-5 6.2GHz    | 802.11ax HEW20  | 1       | 5955            | MCS0      | 18.52               | 19.5    |
|                   |                 | 45      | 6175            |           | 18.67               | 19.5    |
|                   |                 | 93      | 6415            |           | 18.48               | 19.5    |
|                   | 802.11ax HEW40  | 3       | 5965            | MCS0      | 18.09               | 19      |
|                   |                 | 43      | 6165            |           | 18.39               | 19      |
|                   |                 | 91      | 6405            |           | 17.91               | 19      |
|                   | 802.11ax HEW80  | 7       | 5985            | MCS0      | 17.22               | 18      |
|                   |                 | 39      | 6145            |           | 17.41               | 18      |
|                   |                 | 87      | 6385            |           | 16.99               | 18      |
|                   | 802.11ax HEW160 | 15      | 6025            | MCS0      | 12.72               | 14      |
|                   |                 | 47      | 6185            |           | 12.67               | 14      |
|                   |                 | 79      | 6345            |           | 12.38               | 14      |
|                   | 802.11be EHT20  | 1       | 5955            | MCS0      | 18.45               | 19.5    |
|                   |                 | 45      | 6175            |           | 18.67               | 19.5    |
|                   |                 | 93      | 6415            |           | 18.50               | 19.5    |
|                   | 802.11be EHT40  | 3       | 5965            | MCS0      | 18.65               | 19.5    |
|                   |                 | 43      | 6165            |           | 18.83               | 19.5    |
|                   |                 | 91      | 6405            |           | 18.54               | 19.5    |
|                   | 802.11be EHT80  | 7       | 5985            | MCS0      | 18.74               | 19.5    |
|                   |                 | 39      | 6145            |           | 18.90               | 19.5    |
|                   |                 | 87      | 6385            |           | 18.62               | 19.5    |
|                   | 802.11be EHT160 | 15      | 6025            | MCS0      | 18.20               | 19      |
|                   |                 | 47      | 6185            |           | 18.01               | 19      |
|                   |                 | 79      | 6345            |           | 17.72               | 19      |
|                   | 802.11be EHT320 | 31      | 6105            | MCS0      | 16.84               | 17      |
|                   |                 | 63      | 6265            |           | 16.62               | 17      |
|                   |                 | 95      | 6425            |           | 16.42               | 17      |
| U-NII-6 6.5GHz    | 802.11ax HEW20  | 97      | 6435            | MCS0      | 18.43               | 19.5    |
|                   |                 | 105     | 6475            |           | 18.32               | 19.5    |
|                   |                 | 113     | 6515            |           | 18.41               | 19.5    |
|                   | 802.11ax HEW40  | 99      | 6445            | MCS0      | 17.83               | 19      |
|                   |                 | 107     | 6485            |           | 17.88               | 19      |
|                   |                 | 115     | 6525            |           | 17.36               | 18.5    |
|                   | 802.11ax HEW80  | 103     | 6465            | MCS0      | 17.01               | 18      |
|                   |                 | 111     | 6505            |           | 17.14               | 18      |
|                   |                 | 119     | 6545            |           | 17.58               | 18.5    |
|                   | 802.11ax HEW160 | 97      | 6435            | MCS0      | 18.40               | 19.5    |
|                   |                 | 105     | 6475            |           | 18.30               | 19.5    |
|                   |                 | 113     | 6515            |           | 18.41               | 19.5    |
|                   | 802.11be EHT20  | 99      | 6445            | MCS0      | 18.42               | 19.5    |
|                   |                 | 107     | 6485            |           | 18.35               | 19.5    |
|                   |                 | 115     | 6525            |           | 17.65               | 19      |
| U-NII-7 6.7GHz    | 802.11ax HEW20  | 117     | 6535            | MCS0      | 17.58               | 18.5    |
|                   |                 | 149     | 6695            |           | 17.49               | 18.5    |
|                   |                 | 181     | 6855            |           | 17.36               | 18.5    |
|                   | 802.11ax HEW40  | 115     | 6525            | MCS0      | 16.87               | 18      |
|                   |                 | 147     | 6685            |           | 17.31               | 18      |
|                   |                 | 179     | 6845            |           | 17.00               | 18      |
|                   | 802.11ax HEW80  | 135     | 6625            | MCS0      | 16.19               | 17      |
|                   |                 | 151     | 6705            |           | 16.05               | 17      |
|                   |                 | 167     | 6785            |           | 16.09               | 17      |
|                   | 802.11ax HEW160 | 143     | 6665            | MCS0      | 11.50               | 13      |
|                   |                 | 175     | 6825            |           | 11.33               | 13      |
|                   |                 | 207     | 6985            |           | 11.16               | 13      |
|                   | 802.11be EHT20  | 117     | 6535            | MCS0      | 17.46               | 18.5    |
|                   |                 | 149     | 6695            |           | 17.52               | 18.5    |
|                   |                 | 181     | 6855            |           | 17.41               | 18.5    |
|                   | 802.11be EHT40  | 115     | 6525            | MCS0      | 17.66               | 18.5    |
|                   |                 | 147     | 6685            |           | 17.72               | 18.5    |
|                   |                 | 179     | 6845            |           | 17.59               | 18.5    |
|                   | 802.11be EHT80  | 135     | 6625            | MCS0      | 17.53               | 18.5    |
|                   |                 | 167     | 6785            |           | 17.41               | 18.5    |
|                   |                 | 207     | 6985            |           | 17.32               | 18.5    |

|                |                    |     |      |      |       |      |
|----------------|--------------------|-----|------|------|-------|------|
| U-NII-8 7.0GHz | 802.11be<br>EHT160 | 167 | 6785 | MCS0 | 17.52 | 18.5 |
|                |                    | 143 | 6665 |      | 16.91 | 18   |
|                |                    | 175 | 6825 |      | 16.49 | 18   |
|                | 802.11be<br>EHT320 | 127 | 6585 | MCS0 | 15.51 | 16   |
|                |                    | 159 | 6745 |      | 15.60 | 16   |
|                | 802.11ax<br>HEW20  | 185 | 6875 | MCS0 | 17.27 | 18.5 |
|                |                    | 209 | 6995 |      | 17.46 | 18.5 |
|                |                    | 233 | 7115 |      | 17.38 | 18.5 |
|                | 802.11ax<br>HEW40  | 187 | 6885 | MCS0 | 17.33 | 18.5 |
|                |                    | 227 | 7085 |      | 17.40 | 18.5 |
|                | 802.11ax<br>HEW80  | 183 | 6865 | MCS0 | 16.97 | 18   |
|                |                    | 199 | 6945 |      | 16.92 | 18   |
|                |                    | 215 | 7025 |      | 17.47 | 18   |
|                | 802.11ax<br>HEW160 | 207 | 6985 | MCS0 | 12.47 | 14   |
|                | 802.11be<br>EHT20  | 185 | 6875 | MCS0 | 17.33 | 18.5 |
|                |                    | 209 | 6995 |      | 17.36 | 18.5 |
|                |                    | 233 | 7115 |      | 17.31 | 18.5 |
|                | 802.11be<br>EHT40  | 187 | 6885 | MCS0 | 17.38 | 18.5 |
|                |                    | 227 | 7085 |      | 17.44 | 18.5 |
|                | 802.11be<br>EHT80  | 183 | 6865 | MCS0 | 17.48 | 18.5 |
|                |                    | 199 | 6945 |      | 17.46 | 18.5 |
|                |                    | 215 | 7025 |      | 17.50 | 18.5 |
|                | 802.11be<br>EHT160 | 207 | 6985 | MCS0 | 16.56 | 18.5 |
|                | 802.11be<br>EHT320 | 191 | 6905 | MCS0 | 16.23 | 17   |

| WIFI 6E Ant6 Body |                    |         |                 |           |                     |         |
|-------------------|--------------------|---------|-----------------|-----------|---------------------|---------|
| Band              | Mode               | Channel | Frequency (MHz) | Data Rate | Average Power (dBm) | Tune up |
| U-NII-5 6.2GHz    | 802.11ax<br>HEW20  | 1       | 5955            | MCS0      | 18.39               | 19.5    |
|                   |                    | 45      | 6175            |           | 18.54               | 19.5    |
|                   |                    | 93      | 6415            |           | 18.32               | 19.5    |
|                   | 802.11ax<br>HEW40  | 3       | 5965            | MCS0      | 17.96               | 19      |
|                   |                    | 43      | 6165            |           | 18.32               | 19      |
|                   |                    | 91      | 6405            |           | 17.83               | 19      |
|                   | 802.11ax<br>HEW80  | 7       | 5985            | MCS0      | 17.06               | 18      |
|                   |                    | 39      | 6145            |           | 17.28               | 18      |
|                   |                    | 87      | 6385            |           | 16.90               | 18      |
|                   | 802.11ax<br>HEW160 | 15      | 6025            | MCS0      | 12.65               | 14      |
|                   |                    | 47      | 6185            |           | 12.56               | 14      |
|                   |                    | 79      | 6345            |           | 12.27               | 14      |
|                   | 802.11be<br>EHT20  | 1       | 5955            | MCS0      | 18.31               | 19.5    |
|                   |                    | 45      | 6175            |           | 18.57               | 19.5    |
|                   |                    | 93      | 6415            |           | 18.32               | 19.5    |
|                   | 802.11be<br>EHT40  | 3       | 5965            | MCS0      | 18.57               | 19.5    |
|                   |                    | 43      | 6165            |           | 18.74               | 19.5    |
|                   |                    | 91      | 6405            |           | 18.42               | 19.5    |
|                   | 802.11be<br>EHT80  | 7       | 5985            | MCS0      | 18.61               | 19.5    |
|                   |                    | 39      | 6145            |           | 18.75               | 19.5    |
|                   |                    | 87      | 6385            |           | 18.47               | 19.5    |
|                   | 802.11be<br>EHT160 | 15      | 6025            | MCS0      | 18.11               | 19      |
|                   |                    | 47      | 6185            |           | 17.89               | 19      |
|                   |                    | 79      | 6345            |           | 17.59               | 19      |
|                   | 802.11be<br>EHT320 | 31      | 6105            | MCS0      | 16.71               | 17      |
|                   |                    | 63      | 6265            |           | 16.52               | 17      |
| U-NII-6 6.5GHz    | 802.11ax<br>HEW20  | 97      | 6435            | MCS0      | 18.32               | 19.5    |
|                   |                    | 105     | 6475            |           | 18.21               | 19.5    |
|                   |                    | 113     | 6515            |           | 18.32               | 19.5    |
|                   | 802.11ax<br>HEW40  | 99      | 6445            | MCS0      | 17.75               | 19      |
|                   |                    | 107     | 6485            |           | 17.79               | 19      |
|                   | 802.11ax<br>HEW80  | 103     | 6465            | MCS0      | 16.84               | 18      |
|                   |                    | 119     | 6545            |           | 17.07               | 18      |
|                   | 802.11ax<br>HEW160 | 111     | 6505            | MCS0      | 12.08               | 14      |
|                   | 802.11be<br>EHT20  | 97      | 6435            | MCS0      | 18.33               | 19.5    |
|                   |                    | 105     | 6475            |           | 18.20               | 19.5    |
|                   |                    | 113     | 6515            |           | 18.22               | 19.5    |
|                   | 802.11be           | 99      | 6445            | MCS0      | 18.30               | 19.5    |

|                |          |     |      |      |       |           |
|----------------|----------|-----|------|------|-------|-----------|
|                | EHT40    | 107 | 6485 |      | 18.27 | 19.5      |
|                | 802.11be | 103 | 6465 | MCS0 | 18.59 | 19.5      |
|                | EHT80    | 119 | 6545 |      | 18.40 | 19.5      |
|                | 802.11be | 111 | 6505 | MCS0 | 17.55 | <b>19</b> |
|                | EHT160   |     |      |      |       |           |
| U-NII-7 6.7GHz | 802.11be | 95  | 6425 | MCS0 | 16.29 | 17        |
|                | EHT320   |     |      |      |       |           |
|                | 802.11ax | 117 | 6535 | MCS0 | 17.42 | 18.5      |
|                |          | 149 | 6695 |      | 17.45 | 18.5      |
|                |          | 181 | 6855 |      | 17.35 | 18.5      |
|                | 802.11ax | 115 | 6525 | MCS0 | 16.88 | 18        |
|                |          | 147 | 6685 |      | 17.24 | 18        |
|                |          | 179 | 6845 |      | 16.81 | 18        |
|                | 802.11ax | 135 | 6625 | MCS0 | 16.06 | 17        |
|                |          | 151 | 6705 |      | 15.99 | 17        |
|                |          | 167 | 6785 |      | 15.92 | 17        |
|                | 802.11ax | 143 | 6665 | MCS0 | 11.38 | 13        |
|                |          | 175 | 6825 |      | 11.31 | <b>13</b> |
|                |          | 117 | 6535 | MCS0 | 17.40 | 18.5      |
|                | 802.11be | 149 | 6695 |      | 17.37 | 18.5      |
|                |          | 181 | 6855 |      | 17.30 | 18.5      |
|                | 802.11be | 115 | 6525 | MCS0 | 17.63 | 18.5      |
|                |          | 147 | 6685 |      | 17.65 | 18.5      |
|                |          | 179 | 6845 |      | 17.45 | 18.5      |
|                | 802.11be | 135 | 6625 | MCS0 | 17.38 | 18.5      |
|                |          | 151 | 6705 |      | 17.68 | 18.5      |
|                |          | 167 | 6785 |      | 17.37 | 18.5      |
|                | 802.11be | 143 | 6665 | MCS0 | 16.71 | 18        |
|                |          | 175 | 6825 |      | 16.49 | <b>18</b> |
|                |          | 127 | 6585 | MCS0 | 15.27 | 16        |
|                | EHT320   | 159 | 6745 |      | 15.40 | 16        |
|                |          | 185 | 6875 | MCS0 | 17.11 | 18.5      |
| U-NII-8 7.0GHz | 802.11ax | 209 | 6995 |      | 17.23 | 18.5      |
|                |          | 233 | 7115 |      | 17.22 | 18.5      |
|                |          | 187 | 6885 | MCS0 | 17.17 | 18.5      |
|                | 802.11ax | 227 | 7085 |      | 17.18 | 18.5      |
|                |          | 183 | 6865 | MCS0 | 16.82 | 18        |
|                | 802.11ax | 199 | 6945 |      | 16.77 | 18        |
|                |          | 215 | 7025 |      | 17.37 | 18        |
|                | 802.11ax | 207 | 6985 | MCS0 | 12.45 | <b>14</b> |
|                | 802.11be | 185 | 6875 | MCS0 | 17.24 | 18.5      |
|                |          | 209 | 6995 |      | 17.38 | 18.5      |
|                |          | 233 | 7115 |      | 17.30 | 18.5      |
|                | 802.11be | 187 | 6885 | MCS0 | 17.37 | 18.5      |
|                |          | 227 | 7085 |      | 17.40 | 18.5      |
|                |          | 183 | 6865 | MCS0 | 17.22 | 18.5      |
|                | 802.11be | 199 | 6945 |      | 17.60 | 18.5      |
|                |          | 215 | 7025 |      | 17.26 | 18.5      |
|                | 802.11be | 207 | 6985 | MCS0 | 16.60 | <b>18</b> |
|                | EHT160   |     |      |      |       |           |
|                |          |     |      |      |       |           |
|                |          |     |      |      |       |           |
|                | 802.11be | 191 | 6905 | MCS0 | 16.08 | 17        |
|                | EHT320   |     |      |      |       |           |

| WIFI 6E MIMO Body |          |         |                 |           |                     |         |
|-------------------|----------|---------|-----------------|-----------|---------------------|---------|
| Band              | Mode     | Channel | Frequency (MHz) | Data Rate | Average Power (dBm) | Tune up |
| U-NII-5 6.2GHz    | 802.11ax | 1       | 5955            | MCS0      | 21.47               | 22.50   |
|                   |          | 45      | 6175            |           | 21.62               | 22.50   |
|                   |          | 93      | 6415            |           | 21.41               | 22.50   |
|                   | 802.11ax | 3       | 5965            | MCS0      | 21.04               | 22.00   |
|                   |          | 43      | 6165            |           | 21.37               | 22.00   |
|                   |          | 91      | 6405            |           | 20.88               | 22.00   |
|                   | 802.11ax | 7       | 5985            | MCS0      | 20.15               | 21.00   |
|                   |          | 39      | 6145            |           | 20.36               | 21.00   |
|                   |          | 87      | 6385            |           | 19.96               | 21.00   |
|                   | 802.11ax | 15      | 6025            | MCS0      | 15.70               | 17.00   |
|                   |          | 47      | 6185            |           | 15.63               | 17.00   |
|                   |          | 79      | 6345            |           | 15.34               | 17.00   |
|                   | 802.11be | 1       | 5955            | MCS0      | 21.39               | 22.50   |

|                |                    |     |      |      |       |       |
|----------------|--------------------|-----|------|------|-------|-------|
|                | EHT20              | 45  | 6175 |      | 21.63 | 22.50 |
|                |                    | 93  | 6415 |      | 21.42 | 22.50 |
|                | 802.11be<br>EHT40  | 3   | 5965 | MCS0 | 21.62 | 22.50 |
|                |                    | 43  | 6165 |      | 21.80 | 22.50 |
|                |                    | 91  | 6405 |      | 21.49 | 22.50 |
|                | 802.11be<br>EHT80  | 7   | 5985 | MCS0 | 21.69 | 22.50 |
|                |                    | 39  | 6145 |      | 21.84 | 22.50 |
|                |                    | 87  | 6385 |      | 21.56 | 22.50 |
|                | 802.11be<br>EHT160 | 15  | 6025 | MCS0 | 21.17 | 22.00 |
|                |                    | 47  | 6185 |      | 20.96 | 22.00 |
|                |                    | 79  | 6345 |      | 20.67 | 22.00 |
|                | 802.11be<br>EHT320 | 31  | 6105 | MCS0 | 19.79 | 20.00 |
|                |                    | 63  | 6265 |      | 19.58 | 20.00 |
| U-NII-6 6.5GHz | 802.11ax<br>HEW20  | 97  | 6435 | MCS0 | 21.39 | 22.50 |
|                |                    | 105 | 6475 |      | 21.28 | 22.50 |
|                |                    | 113 | 6515 |      | 21.38 | 22.50 |
|                | 802.11ax<br>HEW40  | 99  | 6445 | MCS0 | 20.80 | 22.00 |
|                |                    | 107 | 6485 |      | 20.85 | 22.00 |
|                | 802.11ax<br>HEW80  | 103 | 6465 | MCS0 | 19.94 | 21.00 |
|                |                    | 119 | 6545 |      | 20.12 | 21.00 |
|                | 802.11ax<br>HEW160 | 111 | 6505 | MCS0 | 15.14 | 17.00 |
|                | 802.11be<br>EHT20  | 97  | 6435 | MCS0 | 21.38 | 22.50 |
|                |                    | 105 | 6475 |      | 21.26 | 22.50 |
|                |                    | 113 | 6515 |      | 21.33 | 22.50 |
|                | 802.11be<br>EHT40  | 99  | 6445 | MCS0 | 21.37 | 22.50 |
|                |                    | 107 | 6485 |      | 21.32 | 22.50 |
|                | 802.11be<br>EHT80  | 103 | 6465 | MCS0 | 21.64 | 22.50 |
|                |                    | 119 | 6545 |      | 21.45 | 22.50 |
|                | 802.11be<br>EHT160 | 111 | 6505 | MCS0 | 20.61 | 22.00 |
|                | 802.11be<br>EHT320 | 95  | 6425 | MCS0 | 19.37 | 20.00 |
| U-NII-7 6.7GHz | 802.11ax<br>HEW20  | 117 | 6535 | MCS0 | 20.51 | 21.50 |
|                |                    | 149 | 6695 |      | 20.48 | 21.50 |
|                |                    | 181 | 6855 |      | 20.37 | 21.50 |
|                | 802.11ax<br>HEW40  | 115 | 6525 | MCS0 | 19.89 | 21.00 |
|                |                    | 147 | 6685 |      | 20.29 | 21.00 |
|                |                    | 179 | 6845 |      | 19.92 | 21.00 |
|                | 802.11ax<br>HEW80  | 135 | 6625 | MCS0 | 19.14 | 20.00 |
|                |                    | 151 | 6705 |      | 19.03 | 20.00 |
|                |                    | 167 | 6785 |      | 19.02 | 20.00 |
|                | 802.11ax<br>HEW160 | 143 | 6665 | MCS0 | 14.45 | 16.00 |
|                |                    | 175 | 6825 |      | 14.33 | 16.00 |
|                | 802.11be<br>EHT20  | 117 | 6535 | MCS0 | 20.44 | 21.50 |
|                |                    | 149 | 6695 |      | 20.46 | 21.50 |
|                |                    | 181 | 6855 |      | 20.37 | 21.50 |
|                | 802.11be<br>EHT40  | 115 | 6525 | MCS0 | 20.66 | 21.50 |
|                |                    | 147 | 6685 |      | 20.70 | 21.50 |
|                |                    | 179 | 6845 |      | 20.53 | 21.50 |
|                | 802.11be<br>EHT80  | 135 | 6625 | MCS0 | 20.47 | 21.50 |
|                |                    | 151 | 6705 |      | 20.76 | 21.50 |
|                |                    | 167 | 6785 |      | 20.46 | 21.50 |
|                | 802.11be<br>EHT160 | 143 | 6665 | MCS0 | 19.82 | 21.00 |
|                |                    | 175 | 6825 |      | 19.50 | 21.00 |
|                | 802.11be<br>EHT320 | 127 | 6585 | MCS0 | 18.40 | 19.00 |
|                |                    | 159 | 6745 |      | 18.51 | 19.00 |
| U-NII-8 7.0GHz | 802.11ax<br>HEW20  | 185 | 6875 | MCS0 | 20.20 | 21.50 |
|                |                    | 209 | 6995 |      | 20.36 | 21.50 |
|                |                    | 233 | 7115 |      | 20.31 | 21.50 |
|                | 802.11ax<br>HEW40  | 187 | 6885 | MCS0 | 20.26 | 21.50 |
|                |                    | 227 | 7085 |      | 20.30 | 21.50 |
|                | 802.11ax<br>HEW80  | 183 | 6865 | MCS0 | 19.91 | 21.00 |
|                |                    | 199 | 6945 |      | 19.86 | 21.00 |
|                |                    | 215 | 7025 |      | 20.43 | 21.00 |
|                | 802.11ax<br>HEW160 | 207 | 6985 | MCS0 | 15.47 | 17.00 |
|                | 802.11be<br>EHT20  | 185 | 6875 | MCS0 | 20.30 | 21.50 |
|                |                    | 209 | 6995 |      | 20.38 | 21.50 |
|                |                    | 233 | 7115 |      | 20.32 | 21.50 |

|  |                    |     |      |      |       |       |
|--|--------------------|-----|------|------|-------|-------|
|  | 802.11be<br>EHT40  | 187 | 6885 | MCS0 | 20.39 | 21.50 |
|  |                    | 227 | 7085 |      | 20.43 | 21.50 |
|  | 802.11be<br>EHT80  | 183 | 6865 | MCS0 | 20.36 | 21.50 |
|  |                    | 199 | 6945 |      | 20.54 | 21.50 |
|  |                    | 215 | 7025 |      | 20.39 | 21.50 |
|  | 802.11be<br>EHT160 | 207 | 6985 | MCS0 | 19.59 | 21.00 |
|  | 802.11be<br>EHT320 | 191 | 6905 | MCS0 | 19.17 | 20.00 |
|  |                    |     |      |      |       |       |
|  |                    |     |      |      |       |       |
|  |                    |     |      |      |       |       |

## 1.4 Conducted Power of Bluetooth

| BT Ant 5 |               | Average Conducted Power(dBm) |       |       | Tune up |
|----------|---------------|------------------------------|-------|-------|---------|
| Band     | Channel       | 0                            | 39    | 78    |         |
| BT       | GFSK          | 10.12                        | 10.36 | 10.04 | 12.00   |
|          | $\pi/4$ DQPSK | 6.53                         | 6.77  | 6.40  | 8.00    |
|          | 8DPSK         | 6.41                         | 6.58  | 6.39  | 8.00    |
| Band     | Channel       | 0                            | 19    | 39    | Tune up |
| BLE 1M   | GFSK          | 9.42                         | 9.49  | 9.25  | 11.00   |
| BLE 2M   | GFSK          | 9.06                         | 9.15  | 9.14  | 11.00   |

- End of the Appendix -