# Appendix A. Test Data

| Duty cycle | | | | | | |
|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | on time (ms) | on+off time (ms) | Duty cycle (%) | Duty Factor (dB) | 1/T Minimun VBW (kHz) |
| 802.11a | 5180 | 1.990 | 1.995 | 99.749 | 0.011 | 0.010 |
| 802.11n HT20 | 5180 | 10.000 | 10.000 | 100.000 | 0.000 | 0.010 |
| 802.11n HT40 | 5190 | 10.000 | 10.000 | 100.000 | 0.000 | 0.010 |
| 802.11ac VHT20 | 5180 | 10.000 | 10.000 | 100.000 | 0.000 | 0.010 |
| 802.11ac VHT40 | 5190 | 10.000 | 10.000 | 100.000 | 0.000 | 0.010 |
| 802.11ac VHT80 | 5210 | 10.000 | 10.000 | 100.000 | 0.000 | 0.010 |
| 802.11ax HE20 | 5180 | 10.000 | 10.000 | 100.000 | 0.000 | 0.010 |
| 802.11ax HE40 | 5190 | 10.000 | 10.000 | 100.000 | 0.000 | 0.010 |
| 802.11ax HE80 | 5210 | 10.000 | 10.000 | 100.000 | 0.000 | 0.010 |

| Duty cycle | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | Frequency (MHz) | Single RU | on time (ms) | on+off time (ms) | Duty cycle (%) | Duty Factor (dB) | 1/T Minimun VBW (kHz) |
| 802.11ax HE20 | 5180 | 26 | 4.585 | 4.595 | 99.782 | 0.009 | 0.010 |
| 802.11ax HE20 | 5180 | 52 | 4.580 | 4.585 | 99.891 | 0.005 | 0.010 |
| 802.11ax HE20 | 5180 | 106 | 4.300 | 4.305 | 99.884 | 0.005 | 0.010 |

| 5 GHz Band Config | | | |
|---|---|---|---|
| Mode | Channel | Freq. (MHz) | Data Rate |
| 802.11a | 36 | 5180 | 6M |
| 802.11a | 40 | 5200 | 6M |
| 802.11a | 48 | 5240 | 6M |
| 802.11a | 52 | 5260 | 6M |
| 802.11a | 56 | 5280 | 6M |
| 802.11a | 64 | 5320 | 6M |
| 802.11a | 100 | 5500 | 6M |
| 802.11a | 112 | 5560 | 6M |
| 802.11a | 140 | 5700 | 6M |
| 802.11a | 144 | 5720 | 6M |
| 802.11a | 149 | 5745 | 6M |
| 802.11a | 157 | 5785 | 6M |
| 802.11a | 165 | 5825 | 6M |
| 802.11n HT20 | 36 | 5180 | 13M |
| 802.11n HT20 | 40 | 5200 | 13M |
| 802.11n HT20 | 48 | 5240 | 13M |
| 802.11n HT20 | 52 | 5260 | 13M |
| 802.11n HT20 | 56 | 5280 | 13M |
| 802.11n HT20 | 64 | 5320 | 13M |
| 802.11n HT20 | 100 | 5500 | 13M |
| 802.11n HT20 | 112 | 5560 | 13M |
| 802.11n HT20 | 140 | 5700 | 13M |
| 802.11n HT20 | 144 | 5720 | 13M |
| 802.11n HT20 | 149 | 5745 | 13M |
| 802.11n HT20 | 157 | 5785 | 13M |
| 802.11n HT20 | 165 | 5825 | 13M |
| 802.11n HT40 | 38 | 5190 | 27M |
| 802.11n HT40 | 46 | 5230 | 27M |
| 802.11n HT40 | 54 | 5270 | 27M |
| 802.11n HT40 | 62 | 5310 | 27M |
| 802.11n HT40 | 102 | 5510 | 27M |
| 802.11n HT40 | 110 | 5550 | 27M |
| 802.11n HT40 | 134 | 5670 | 27M |
| 802.11n HT40 | 142 | 5710 | 27M |
| 802.11n HT40 | 151 | 5755 | 27M |
| 802.11n HT40 | 159 | 5795 | 27M |

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

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

| 5 GHz Band Config | | | | | |
|---|---|---|---|---|---|
| Mode | Channel | Freq. (MHz) | Data Rate | Single RU | |
| | | | | RU Config | RU Num. |
| 802.11ax HE20 | 36 | 5180 | MCS0 | 26 | 0 |
| 802.11ax HE20 | 48 | 5240 | MCS0 | 26 | 8 |
| 802.11ax HE20 | 52 | 5260 | MCS0 | 26 | 0 |
| 802.11ax HE20 | 64 | 5320 | MCS0 | 26 | 8 |
| 802.11ax HE20 | 100 | 5500 | MCS0 | 26 | 0 |
| 802.11ax HE20 | 140 | 5700 | MCS0 | 26 | 8 |
| 802.11ax HE20 | 144 | 5720 | MCS0 | 26 | 0 |
| 802.11ax HE20 | 149 | 5745 | MCS0 | 26 | 0 |
| 802.11ax HE20 | 165 | 5825 | MCS0 | 26 | 8 |
| 802.11ax HE20 | 36 | 5180 | MCS0 | 52 | 37 |
| 802.11ax HE20 | 48 | 5240 | MCS0 | 52 | 40 |
| 802.11ax HE20 | 52 | 5260 | MCS0 | 52 | 37 |
| 802.11ax HE20 | 64 | 5320 | MCS0 | 52 | 40 |
| 802.11ax HE20 | 100 | 5500 | MCS0 | 52 | 37 |
| 802.11ax HE20 | 140 | 5700 | MCS0 | 52 | 40 |
| 802.11ax HE20 | 144 | 5720 | MCS0 | 52 | 37 |
| 802.11ax HE20 | 149 | 5745 | MCS0 | 52 | 37 |
| 802.11ax HE20 | 165 | 5825 | MCS0 | 52 | 40 |
| 802.11ax HE20 | 36 | 5180 | MCS0 | 106 | 53 |
| 802.11ax HE20 | 48 | 5240 | MCS0 | 106 | 54 |
| 802.11ax HE20 | 52 | 5260 | MCS0 | 106 | 53 |
| 802.11ax HE20 | 64 | 5320 | MCS0 | 106 | 54 |
| 802.11ax HE20 | 100 | 5500 | MCS0 | 106 | 53 |
| 802.11ax HE20 | 140 | 5700 | MCS0 | 106 | 54 |
| 802.11ax HE20 | 144 | 5720 | MCS0 | 106 | 53 |
| 802.11ax HE20 | 149 | 5745 | MCS0 | 106 | 53 |
| 802.11ax HE20 | 165 | 5825 | MCS0 | 106 | 54 |

| RF power setting in Test SW | | | | | |
|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Ant-0 | Ant-1 | Test SW Version |
| 802.11a | 36 | 5180 | 10.5 | 10.5 | QRCT4 |
| | 40 | 5200 | 10.5 | 10.5 | |
| | 48 | 5240 | 10 | 10 | |
| | 52 | 5260 | 16 | 16 | |
| | 56 | 5280 | 16 | 16 | |
| | 64 | 5320 | 15.5 | 15.5 | |
| | 100 | 5500 | 17 | 17 | |
| | 112 | 5560 | 17.5 | 17.5 | |
| | 140 | 5700 | 17 | 17 | |
| | 144 | 5720 | 17 | 17 | |
| | 149 | 5745 | 21 | 21 | |
| | 157 | 5785 | 20.5 | 20.5 | |
| | 165 | 5825 | 20 | 20 | |
| 802.11n HT20 | 36 | 5180 | 11 | 11 | QRCT4 |
| | 40 | 5200 | 11 | 11 | |
| | 48 | 5240 | 10.5 | 10.5 | |
| | 52 | 5260 | 16 | 16 | |
| | 56 | 5280 | 16 | 16 | |
| | 64 | 5320 | 15.5 | 15.5 | |
| | 100 | 5500 | 17 | 17 | |
| | 112 | 5560 | 17.5 | 17.5 | |
| | 140 | 5700 | 17.5 | 17.5 | |
| | 144 | 5720 | 17.5 | 17.5 | |
| | 149 | 5745 | 21 | 21 | |
| | 157 | 5785 | 20.5 | 20.5 | |
| | 165 | 5825 | 20 | 20 | |
| 802.11n HT40 | 38 | 5190 | 14.5 | 14.5 | QRCT4 |
| | 46 | 5230 | 14 | 14 | |
| | 54 | 5270 | 16 | 16 | |
| | 62 | 5310 | 15.5 | 15.5 | |
| | 102 | 5510 | 16.5 | 16.5 | |
| | 110 | 5550 | 20.5 | 20.5 | |
| | 134 | 5670 | 19 | 19 | |
| | 142 | 5710 | 20.5 | 20.5 | |
| | 151 | 5755 | 20.5 | 20.5 | |
| | 159 | 5795 | 20 | 20 | |

| | | | | | |
|---|---|---|---|---|---|
| 802.11ac VHT20 | 36 | 5180 | 11 | 11 | QRCT4 |
| | 40 | 5200 | 11 | 11 | |
| | 48 | 5240 | 10.5 | 10.5 | |
| | 52 | 5260 | 16 | 16 | |
| | 56 | 5280 | 16 | 16 | |
| | 64 | 5320 | 15.5 | 15.5 | |
| | 100 | 5500 | 17 | 17 | |
| | 112 | 5560 | 17.5 | 17.5 | |
| | 140 | 5700 | 17.5 | 17.5 | |
| | 144 | 5720 | 17.5 | 17.5 | |
| | 149 | 5745 | 21 | 21 | |
| | 157 | 5785 | 20.5 | 20.5 | |
| | 165 | 5825 | 20 | 20 | |
| 802.11ac VHT40 | 38 | 5190 | 14.5 | 14.5 | QRCT4 |
| | 46 | 5230 | 14 | 14 | |
| | 54 | 5270 | 16 | 16 | |
| | 62 | 5310 | 15.5 | 15.5 | |
| | 102 | 5510 | 16.5 | 16.5 | |
| | 110 | 5550 | 20.5 | 20.5 | |
| | 134 | 5670 | 19 | 19 | |
| | 142 | 5710 | 20.5 | 20.5 | |
| | 151 | 5755 | 20.5 | 20.5 | |
| | 159 | 5795 | 20 | 20 | |
| 802.11ac VHT80 | 42 | 5210 | 16 | 16 | QRCT4 |
| | 58 | 5290 | 14.5 | 14.5 | |
| | 106 | 5530 | 16 | 16 | |
| | 138 | 5690 | 21 | 21 | |
| | 155 | 5775 | 20 | 20 | |

| | | | | | |
|---|---|---|---|---|---|
| 802.11ax HE20 | 36 | 5180 | 11 | 11 | QRCT4 |
| | 40 | 5200 | 11 | 11 | |
| | 48 | 5240 | 10.5 | 10.5 | |
| | 52 | 5260 | 16 | 16 | |
| | 56 | 5280 | 16 | 16 | |
| | 64 | 5320 | 15.5 | 15.5 | |
| | 100 | 5500 | 17 | 17 | |
| | 112 | 5560 | 17.5 | 17.5 | |
| | 140 | 5700 | 17.5 | 17.5 | |
| | 144 | 5720 | 17.5 | 17.5 | |
| | 149 | 5745 | 21 | 21 | |
| | 157 | 5785 | 20.5 | 20.5 | |
| | 165 | 5825 | 20 | 20 | |
| 802.11ax HE40 | 38 | 5190 | 14.5 | 14.5 | QRCT4 |
| | 46 | 5230 | 14 | 14 | |
| | 54 | 5270 | 16 | 16 | |
| | 62 | 5310 | 15.5 | 15.5 | |
| | 102 | 5510 | 16.5 | 16.5 | |
| | 110 | 5550 | 20.5 | 20.5 | |
| | 134 | 5670 | 19 | 19 | |
| | 142 | 5710 | 20.5 | 20.5 | |
| | 151 | 5755 | 20.5 | 20.5 | |
| | 159 | 5795 | 20 | 20 | |
| 802.11ax HE80 | 42 | 5210 | 16 | 16 | QRCT4 |
| | 58 | 5290 | 14.5 | 14.5 | |
| | 106 | 5530 | 16 | 16 | |
| | 138 | 5690 | 21 | 21 | |
| | 155 | 5775 | 20 | 20 | |

| RF power setting in Test SW | | | | | | |
|---|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Single RU | Ant-0 | Ant-1 | Test SW Version |
| 802.11ax HE20 | 36 | 5180 | 26 | 3 | 3 | QRCT4 |
| | 48 | 5240 | 26 | 3 | 3 | |
| | 52 | 5260 | 26 | 6.5 | 6.5 | |
| | 64 | 5320 | 26 | 6.5 | 6.5 | |
| | 100 | 5500 | 26 | 8 | 8 | |
| | 140 | 5700 | 26 | 8.5 | 8.5 | |
| | 144 | 5720 | 26 | 8.5 | 8.5 | |
| | 149 | 5745 | 26 | 11.5 | 11.5 | |
| | 165 | 5825 | 26 | 10.5 | 10.5 | |
| 802.11ax HE20 | 36 | 5180 | 52 | 5.5 | 5.5 | |
| | 48 | 5240 | 52 | 4.5 | 4.5 | |
| | 52 | 5260 | 52 | 10 | 10 | |
| | 64 | 5320 | 52 | 9 | 9 | |
| | 100 | 5500 | 52 | 11 | 11 | |
| | 140 | 5700 | 52 | 12 | 12 | |
| | 144 | 5720 | 52 | 12 | 12 | |
| | 149 | 5745 | 52 | 14 | 14 | |
| | 165 | 5825 | 52 | 13.5 | 13.5 | |
| 802.11ax HE20 | 36 | 5180 | 106 | 8 | 8 | |
| | 48 | 5240 | 106 | 7.5 | 7.5 | |
| | 52 | 5260 | 106 | 12 | 12 | |
| | 64 | 5320 | 106 | 11.5 | 11.5 | |
| | 100 | 5500 | 106 | 14 | 14 | |
| | 140 | 5700 | 106 | 14.5 | 14.5 | |
| | 144 | 5720 | 106 | 15 | 15 | |
| | 149 | 5745 | 106 | 17 | 17 | |
| | 165 | 5825 | 106 | 16.5 | 16.5 | |

| RF power setting in Test SW (Beamforming) | | | | | |
|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Ant-0 | Ant-1 | Test SW Version |
| 802.11ac VHT20 | 36 | 5180 | 7.5 | 7.5 | QRCT4 |
| | 40 | 5200 | 8 | 8 | |
| | 48 | 5240 | 7 | 7 | |
| | 52 | 5260 | 12 | 12 | |
| | 56 | 5280 | 12 | 12 | |
| | 64 | 5320 | 11.5 | 11.5 | |
| | 100 | 5500 | 13 | 13 | |
| | 112 | 5560 | 14 | 14 | |
| | 140 | 5700 | 14 | 14 | |
| | 144 | 5720 | 14 | 14 | |
| | 149 | 5745 | 16.5 | 16.5 | |
| | 157 | 5785 | 16.5 | 16.5 | |
| | 165 | 5825 | 15.5 | 15.5 | |
| 802.11ac VHT40 | 38 | 5190 | 10.5 | 10.5 | QRCT4 |
| | 46 | 5230 | 10 | 10 | |
| | 54 | 5270 | 12 | 12 | |
| | 62 | 5310 | 11.5 | 11.5 | |
| | 102 | 5510 | 12 | 12 | |
| | 110 | 5550 | 17 | 17 | |
| | 134 | 5670 | 15 | 15 | |
| | 142 | 5710 | 17 | 17 | |
| | 151 | 5755 | 16.5 | 16.5 | |
| | 159 | 5795 | 15.5 | 15.5 | |
| 802.11ac VHT80 | 42 | 5210 | 12 | 12 | QRCT4 |
| | 58 | 5290 | 10.5 | 10.5 | |
| | 106 | 5530 | 11.5 | 11.5 | |
| | 138 | 5690 | 17 | 17 | |
| | 155 | 5775 | 16 | 16 | |

| | | | | | |
|---|---|---|---|---|---|
| 802.11ax HE20 | 36 | 5180 | 7.5 | 7.5 | QRCT4 |
| | 40 | 5200 | 8 | 8 | |
| | 48 | 5240 | 7 | 7 | |
| | 52 | 5260 | 12 | 12 | |
| | 56 | 5280 | 12 | 12 | |
| | 64 | 5320 | 11.5 | 11.5 | |
| | 100 | 5500 | 13 | 13 | |
| | 112 | 5560 | 14 | 14 | |
| | 140 | 5700 | 14 | 14 | |
| | 144 | 5720 | 14 | 14 | |
| | 149 | 5745 | 16.5 | 16.5 | |
| | 157 | 5785 | 16 | 16 | |
| | 165 | 5825 | 15.5 | 15.5 | |
| 802.11ax HE40 | 38 | 5190 | 10.5 | 10.5 | QRCT4 |
| | 46 | 5230 | 10 | 10 | |
| | 54 | 5270 | 12 | 12 | |
| | 62 | 5310 | 11.5 | 11.5 | |
| | 102 | 5510 | 12.5 | 12.5 | |
| | 110 | 5550 | 17 | 17 | |
| | 134 | 5670 | 15 | 15 | |
| | 142 | 5710 | 17 | 17 | |
| | 151 | 5755 | 16.5 | 16.5 | |
| | 159 | 5795 | 16 | 16 | |
| 802.11ax HE80 | 42 | 5210 | 11.5 | 11.5 | QRCT4 |
| | 58 | 5290 | 10.5 | 10.5 | |
| | 106 | 5530 | 12 | 12 | |
| | 138 | 5690 | 17 | 17 | |
| | 155 | 5775 | 16 | 16 | |

| Maximum Conducted Output Power Measurement | | | | | | |
|---|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Average power | | | Limit |
| | | | Ant-0 | Ant-1 | Total | |
| | | | dBm | dBm | dBm | dBm |
| 802.11a | 36 | 5180 | 9.08 | 7.21 | 11.26 | 23.89 |
| | 40 | 5200 | 9.03 | 7.77 | 11.46 | 23.89 |
| | 48 | 5240 | 9.67 | 6.81 | 11.48 | 23.89 |
| | 52 | 5260 | 14.94 | 12.31 | 16.83 | 23.62 |
| | 56 | 5280 | 14.85 | 12.65 | 16.90 | 23.62 |
| | 64 | 5320 | 14.89 | 12.25 | 16.78 | 23.62 |
| | 100 | 5500 | 16.19 | 14.96 | 18.63 | 23.65 |
| | 112 | 5560 | 16.40 | 14.32 | 18.49 | 23.65 |
| | 140 | 5700 | 16.07 | 14.39 | 18.32 | 23.65 |
| | 144 | 5720 | 16.08 | 14.52 | 18.38 | 22.44 |
| | 149 | 5745 | 19.86 | 18.09 | 22.08 | 29.89 |
| | 157 | 5785 | 19.77 | 17.97 | 21.97 | 29.89 |
| | 165 | 5825 | 20.06 | 17.92 | 22.13 | 29.89 |
| 802.11n HT20 | 36 | 5180 | 9.73 | 7.65 | 11.82 | 23.89 |
| | 40 | 5200 | 9.65 | 7.91 | 11.88 | 23.89 |
| | 48 | 5240 | 10.03 | 7.05 | 11.80 | 23.89 |
| | 52 | 5260 | 14.86 | 12.02 | 16.68 | 23.89 |
| | 56 | 5280 | 14.69 | 12.46 | 16.73 | 23.89 |
| | 64 | 5320 | 14.75 | 12.07 | 16.62 | 23.89 |
| | 100 | 5500 | 15.89 | 14.72 | 18.35 | 23.89 |
| | 112 | 5560 | 16.12 | 14.11 | 18.24 | 23.89 |
| | 140 | 5700 | 15.73 | 14.59 | 18.21 | 23.89 |
| | 144 | 5720 | 16.38 | 14.78 | 18.66 | 23.89 |
| | 149 | 5745 | 19.72 | 17.78 | 21.87 | 29.89 |
| | 157 | 5785 | 19.71 | 17.77 | 21.86 | 29.89 |
| | 165 | 5825 | 19.94 | 17.62 | 21.94 | 29.89 |
| 802.11n HT40 | 38 | 5190 | 12.56 | 10.84 | 14.79 | 23.89 |
| | 46 | 5230 | 12.68 | 10.32 | 14.67 | 23.89 |
| | 54 | 5270 | 14.80 | 12.39 | 16.77 | 23.89 |
| | 62 | 5310 | 14.66 | 12.19 | 16.61 | 23.89 |
| | 102 | 5510 | 15.12 | 14.06 | 17.63 | 23.89 |
| | 110 | 5550 | 19.17 | 17.40 | 21.38 | 23.89 |
| | 134 | 5670 | 17.67 | 15.50 | 19.73 | 23.89 |
| | 142 | 5710 | 19.12 | 17.66 | 21.46 | 23.89 |
| | 151 | 5755 | 19.90 | 17.81 | 21.99 | 29.89 |
| | 159 | 5795 | 19.83 | 17.37 | 21.78 | 29.89 |

| Mode | CH | Frequency (MHz) | Average power | | | Limit |
|---|---|---|---|---|---|---|
| | | | Ant-0 | Ant-1 | Total | |
| | | | dBm | dBm | dBm | dBm |
| 802.11ac VHT20 | 36 | 5180 | 9.79 | 7.64 | 11.86 | 23.89 |
| | 40 | 5200 | 9.74 | 7.92 | 11.93 | 23.89 |
| | 48 | 5240 | 10.08 | 7.13 | 11.86 | 23.89 |
| | 52 | 5260 | 14.83 | 12.10 | 16.69 | 23.87 |
| | 56 | 5280 | 14.75 | 12.53 | 16.79 | 23.87 |
| | 64 | 5320 | 14.77 | 12.13 | 16.66 | 23.87 |
| | 100 | 5500 | 15.95 | 14.74 | 18.40 | 23.89 |
| | 112 | 5560 | 16.18 | 14.18 | 18.30 | 23.89 |
| | 140 | 5700 | 15.82 | 14.67 | 18.29 | 23.89 |
| | 144 | 5720 | 16.47 | 14.85 | 18.75 | 22.61 |
| | 149 | 5745 | 19.77 | 17.90 | 21.95 | 29.89 |
| | 157 | 5785 | 19.75 | 17.79 | 21.89 | 29.89 |
| | 165 | 5825 | 19.99 | 17.69 | 22.00 | 29.89 |
| 802.11ac VHT40 | 38 | 5190 | 12.58 | 10.90 | 14.83 | 23.89 |
| | 46 | 5230 | 12.71 | 10.40 | 14.72 | 23.89 |
| | 54 | 5270 | 14.87 | 12.49 | 16.85 | 23.89 |
| | 62 | 5310 | 14.75 | 12.29 | 16.70 | 23.89 |
| | 102 | 5510 | 15.22 | 14.11 | 17.71 | 23.89 |
| | 110 | 5550 | 19.24 | 17.43 | 21.44 | 23.89 |
| | 134 | 5670 | 17.61 | 15.77 | 19.80 | 23.89 |
| | 142 | 5710 | 19.12 | 17.66 | 21.46 | 23.89 |
| | 151 | 5755 | 20.00 | 17.83 | 22.06 | 29.89 |
| | 159 | 5795 | 19.86 | 17.47 | 21.84 | 29.89 |
| 802.11ac VHT80 | 42 | 5210 | 14.41 | 12.56 | 16.59 | 23.89 |
| | 58 | 5290 | 13.69 | 11.62 | 15.79 | 23.89 |
| | 106 | 5530 | 14.50 | 13.13 | 16.88 | 23.89 |
| | 138 | 5690 | 19.67 | 17.87 | 21.87 | 23.89 |
| | 155 | 5775 | 19.41 | 17.71 | 21.65 | 29.89 |

| Mode | CH | Frequency (MHz) | Average power | | | Limit |
|---|---|---|---|---|---|---|
| | | | Ant-0 | Ant-1 | Total | |
| | | | dBm | dBm | dBm | dBm |
| 802.11ax HE20 | 36 | 5180 | 9.89 | 7.80 | 11.98 | 23.89 |
| | 40 | 5200 | 9.77 | 8.02 | 11.99 | 23.89 |
| | 48 | 5240 | 10.14 | 7.29 | 11.96 | 23.89 |
| | 52 | 5260 | 14.91 | 12.27 | 16.80 | 23.89 |
| | 56 | 5280 | 14.80 | 12.63 | 16.86 | 23.89 |
| | 64 | 5320 | 14.79 | 12.23 | 16.71 | 23.89 |
| | 100 | 5500 | 16.01 | 14.88 | 18.49 | 23.89 |
| | 112 | 5560 | 16.29 | 14.26 | 18.40 | 23.89 |
| | 140 | 5700 | 15.99 | 14.74 | 18.42 | 23.89 |
| | 144 | 5720 | 16.52 | 14.91 | 18.80 | 22.74 |
| | 149 | 5745 | 19.74 | 17.96 | 21.95 | 29.89 |
| | 157 | 5785 | 19.76 | 17.95 | 21.96 | 29.89 |
| | 165 | 5825 | 19.96 | 17.80 | 22.02 | 29.89 |
| 802.11ax HE40 | 38 | 5190 | 12.59 | 10.97 | 14.87 | 23.89 |
| | 46 | 5230 | 12.72 | 10.48 | 14.75 | 23.89 |
| | 54 | 5270 | 14.88 | 12.60 | 16.90 | 23.89 |
| | 62 | 5310 | 14.74 | 12.38 | 16.73 | 23.89 |
| | 102 | 5510 | 15.33 | 14.29 | 17.85 | 23.89 |
| | 110 | 5550 | 19.28 | 17.45 | 21.47 | 23.89 |
| | 134 | 5670 | 17.65 | 15.76 | 19.82 | 23.89 |
| | 142 | 5710 | 19.26 | 17.77 | 21.59 | 23.89 |
| | 151 | 5755 | 20.04 | 17.86 | 22.10 | 29.89 |
| | 159 | 5795 | 19.92 | 17.62 | 21.93 | 29.89 |
| 802.11ax HE80 | 42 | 5210 | 14.46 | 12.61 | 16.64 | 23.89 |
| | 58 | 5290 | 13.83 | 11.53 | 15.84 | 23.89 |
| | 106 | 5530 | 14.79 | 13.36 | 17.14 | 23.89 |
| | 138 | 5690 | 19.67 | 17.89 | 21.88 | 23.89 |
| | 155 | 5775 | 19.64 | 17.90 | 21.87 | 29.89 |

| Maximum Conducted Output Power Measurement | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | CH | Freq. (MHz) | Single RU | Average power | | | Limit |
| | | | | Ant-0 | Ant-1 | Total | |
| | | | | dBm | dBm | dBm | dBm |
| 802.11ax HE20 | 36 | 5180 | 26 | -1.59 | -2.42 | 1.03 | 23.89 |
| | 48 | 5240 | 26 | -0.20 | -0.64 | 2.60 | 23.89 |
| | 52 | 5260 | 26 | 6.00 | 3.20 | 7.83 | 23.89 |
| | 64 | 5320 | 26 | 6.32 | 3.64 | 8.19 | 23.89 |
| | 100 | 5500 | 26 | 8.08 | 6.35 | 10.31 | 23.89 |
| | 140 | 5700 | 26 | 8.06 | 6.23 | 10.25 | 23.89 |
| | 144 | 5720 | 26 | 8.28 | 6.13 | 10.35 | 22.74 |
| | 149 | 5745 | 26 | 10.80 | 9.04 | 13.02 | 29.89 |
| | 165 | 5825 | 26 | 11.22 | 9.02 | 13.27 | 29.89 |
| 802.11ax HE20 | 36 | 5180 | 52 | 4.24 | 2.11 | 6.31 | 23.89 |
| | 48 | 5240 | 52 | 4.11 | 1.55 | 6.03 | 23.89 |
| | 52 | 5260 | 52 | 8.87 | 6.40 | 10.82 | 23.89 |
| | 64 | 5320 | 52 | 9.12 | 6.45 | 11.00 | 23.89 |
| | 100 | 5500 | 52 | 11.21 | 9.18 | 13.32 | 23.89 |
| | 140 | 5700 | 52 | 10.66 | 9.01 | 12.92 | 23.89 |
| | 144 | 5720 | 52 | 11.08 | 8.98 | 13.17 | 22.74 |
| | 149 | 5745 | 52 | 13.38 | 11.41 | 15.52 | 29.89 |
| | 165 | 5825 | 52 | 14.04 | 11.96 | 16.13 | 29.89 |
| 802.11ax HE20 | 36 | 5180 | 106 | 6.86 | 4.79 | 8.96 | 23.89 |
| | 48 | 5240 | 106 | 7.27 | 4.70 | 9.18 | 23.89 |
| | 52 | 5260 | 106 | 11.81 | 9.12 | 13.68 | 23.89 |
| | 64 | 5320 | 106 | 11.54 | 8.96 | 13.45 | 23.89 |
| | 100 | 5500 | 106 | 13.77 | 11.90 | 15.95 | 23.89 |
| | 140 | 5700 | 106 | 13.27 | 11.48 | 15.48 | 23.89 |
| | 144 | 5720 | 106 | 13.93 | 12.10 | 16.12 | 22.74 |
| | 149 | 5745 | 106 | 16.34 | 14.54 | 18.54 | 29.89 |
| | 165 | 5825 | 106 | 17.17 | 14.92 | 19.20 | 29.89 |

| Maximum Conducted Output Power Measurement (Beamforming) | | | | | | |
|---|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Average power | | | Limit |
| | | | Ant-0 | Ant-1 | Total | |
| | | | dBm | dBm | dBm | dBm |
| Mode | CH | Frequency (MHz) | Average power | | | Limit |
| | | | Ant-0 | Ant-1 | Total | |
| | | | dBm | dBm | dBm | dBm |
| 802.11ac VHT20 | 36 | 5180 | 6.34 | 4.28 | 8.44 | 20.88 |
| | 40 | 5200 | 6.70 | 4.70 | 8.82 | 20.88 |
| | 48 | 5240 | 6.59 | 4.10 | 8.53 | 20.88 |
| | 52 | 5260 | 11.70 | 9.05 | 13.58 | 20.86 |
| | 56 | 5280 | 11.55 | 9.05 | 13.49 | 20.86 |
| | 64 | 5320 | 11.60 | 9.07 | 13.53 | 20.86 |
| | 100 | 5500 | 12.83 | 11.69 | 15.31 | 20.88 |
| | 112 | 5560 | 13.05 | 10.82 | 15.09 | 20.88 |
| | 140 | 5700 | 12.77 | 11.20 | 15.07 | 20.88 |
| | 144 | 5720 | 13.26 | 11.44 | 15.45 | 19.60 |
| | 149 | 5745 | 16.29 | 14.44 | 18.47 | 26.88 |
| | 157 | 5785 | 16.72 | 14.59 | 18.79 | 26.88 |
| | 165 | 5825 | 16.65 | 14.26 | 18.63 | 26.88 |
| 802.11ac VHT40 | 38 | 5190 | 9.55 | 7.62 | 11.70 | 20.88 |
| | 46 | 5230 | 9.66 | 7.38 | 11.68 | 20.88 |
| | 54 | 5270 | 11.83 | 9.35 | 13.77 | 20.88 |
| | 62 | 5310 | 11.57 | 9.13 | 13.53 | 20.88 |
| | 102 | 5510 | 12.10 | 10.63 | 14.44 | 20.88 |
| | 110 | 5550 | 16.07 | 14.02 | 18.18 | 20.88 |
| | 134 | 5670 | 14.37 | 12.31 | 16.47 | 20.88 |
| | 142 | 5710 | 16.06 | 14.53 | 18.37 | 20.88 |
| | 151 | 5755 | 16.75 | 14.72 | 18.86 | 26.88 |
| | 159 | 5795 | 16.45 | 14.21 | 18.48 | 26.88 |
| 802.11ac VHT80 | 42 | 5210 | 11.25 | 9.19 | 13.35 | 20.88 |
| | 58 | 5290 | 10.59 | 8.19 | 12.56 | 20.88 |
| | 106 | 5530 | 11.22 | 9.65 | 13.52 | 20.88 |
| | 138 | 5690 | 16.28 | 14.42 | 18.46 | 20.88 |
| | 155 | 5775 | 16.35 | 14.21 | 18.42 | 26.88 |

| Mode | CH | Frequency (MHz) | Average power | | | Limit |
|---|---|---|---|---|---|---|
| | | | Ant-0 | Ant-1 | Total | |
| | | | dBm | dBm | dBm | dBm |
| 802.11ax HE20 | 36 | 5180 | 6.46 | 4.52 | 8.61 | 20.88 |
| | 40 | 5200 | 6.71 | 4.74 | 8.85 | 20.88 |
| | 48 | 5240 | 6.74 | 4.25 | 8.68 | 20.88 |
| | 52 | 5260 | 11.77 | 9.20 | 13.68 | 20.88 |
| | 56 | 5280 | 11.59 | 9.17 | 13.56 | 20.88 |
| | 64 | 5320 | 11.58 | 9.16 | 13.55 | 20.88 |
| | 100 | 5500 | 12.97 | 11.80 | 15.43 | 20.88 |
| | 112 | 5560 | 13.24 | 10.99 | 15.27 | 20.88 |
| | 140 | 5700 | 12.81 | 11.25 | 15.11 | 20.88 |
| | 144 | 5720 | 13.37 | 11.58 | 15.58 | 19.73 |
| | 149 | 5745 | 16.40 | 14.63 | 18.61 | 26.88 |
| | 157 | 5785 | 16.72 | 14.64 | 18.81 | 26.88 |
| | 165 | 5825 | 16.71 | 14.51 | 18.76 | 26.88 |
| 802.11ax HE40 | 38 | 5190 | 9.53 | 7.70 | 11.72 | 20.88 |
| | 46 | 5230 | 9.69 | 7.39 | 11.70 | 20.88 |
| | 54 | 5270 | 11.84 | 9.40 | 13.80 | 20.88 |
| | 62 | 5310 | 11.63 | 9.15 | 13.57 | 20.88 |
| | 102 | 5510 | 12.20 | 10.87 | 14.60 | 20.88 |
| | 110 | 5550 | 16.06 | 14.07 | 18.19 | 20.88 |
| | 134 | 5670 | 14.41 | 12.31 | 16.50 | 20.88 |
| | 142 | 5710 | 16.19 | 14.47 | 18.42 | 20.88 |
| | 151 | 5755 | 16.71 | 14.82 | 18.88 | 26.88 |
| | 159 | 5795 | 16.61 | 14.42 | 18.66 | 26.88 |
| 802.11ax HE80 | 42 | 5210 | 11.22 | 9.13 | 13.31 | 20.88 |
| | 58 | 5290 | 10.62 | 8.03 | 12.53 | 20.88 |
| | 106 | 5530 | 11.74 | 9.99 | 13.96 | 20.88 |
| | 138 | 5690 | 16.28 | 14.41 | 18.46 | 20.88 |
| | 155 | 5775 | 16.34 | 14.41 | 18.49 | 26.88 |

| 26 dB & 99 % RF Bandwidth Measurement | | | | | | |
|---|---|---|---|---|---|---|
| Mode | CH | Freq. (MHz) | 99 % Bandwidth | | 26 dB Bandwidth | |
| | | | Ant-0 | Ant-1 | Ant-0 | Ant-1 |
| | | | MHz | MHz | MHz | MHz |
| 802.11a | 36 | 5180 | 16.463 | 16.434 | 19.130 | 18.900 |
| | 40 | 5200 | 16.461 | 16.434 | 19.050 | 18.800 |
| | 48 | 5240 | 16.447 | 16.432 | 18.850 | 18.880 |
| | 52 | 5260 | 16.426 | 16.421 | 19.150 | 18.770 |
| | 56 | 5280 | 16.414 | 16.421 | 18.960 | 18.950 |
| | 64 | 5320 | 16.409 | 16.406 | 19.320 | 18.950 |
| | 100 | 5500 | 16.412 | 16.426 | 19.820 | 18.910 |
| | 112 | 5560 | 16.421 | 16.429 | 20.520 | 18.880 |
| | 140 | 5700 | 16.445 | 16.438 | 19.140 | 18.860 |
| | 144 | 5720 | 13.171 | 13.144 | 14.460 | 14.280 |

| Mode | CH | Freq. (MHz) | 99 % Bandwidth | | 26 dB Bandwidth | |
|---|---|---|---|---|---|---|
| | | | Ant-0 | Ant-1 | Ant-0 | Ant-1 |
| | | | MHz | MHz | MHz | MHz |
| 802.11ac VHT20 | 36 | 5180 | 17.579 | 17.599 | 20.380 | 20.010 |
| | 40 | 5200 | 17.583 | 17.585 | 20.200 | 20.090 |
| | 48 | 5240 | 17.592 | 17.582 | 20.250 | 20.180 |
| | 52 | 5260 | 17.618 | 17.584 | 20.230 | 20.210 |
| | 56 | 5280 | 17.604 | 17.602 | 20.130 | 19.860 |
| | 64 | 5320 | 17.630 | 17.594 | 20.110 | 20.020 |
| | 100 | 5500 | 17.683 | 17.622 | 20.940 | 20.300 |
| | 112 | 5560 | 17.751 | 17.592 | 23.040 | 20.170 |
| | 140 | 5700 | 17.638 | 17.578 | 20.510 | 20.140 |
| | 144 | 5720 | 13.790 | 13.719 | 15.000 | 14.850 |
| 802.11ac VHT40 | 38 | 5190 | 36.094 | 36.023 | 40.360 | 39.760 |
| | 46 | 5230 | 36.055 | 36.104 | 40.090 | 39.690 |
| | 54 | 5270 | 36.068 | 36.126 | 40.090 | 40.000 |
| | 62 | 5310 | 36.022 | 36.090 | 40.070 | 39.850 |
| | 102 | 5510 | 36.032 | 36.092 | 40.260 | 39.800 |
| | 110 | 5550 | 37.039 | 36.205 | 79.660 | 39.980 |
| | 134 | 5670 | 36.426 | 36.088 | 55.230 | 39.710 |
| | 142 | 5710 | 39.185 | 32.992 | 58.300 | 39.940 |
| 802.11ac VHT80 | 42 | 5210 | 75.442 | 75.377 | 82.820 | 82.120 |
| | 58 | 5290 | 75.400 | 75.365 | 82.810 | 81.920 |
| | 106 | 5530 | 75.287 | 75.338 | 82.420 | 81.980 |
| | 138 | 5690 | 79.142 | 72.491 | 119.890 | 97.250 |

| Mode | CH | Freq. (MHz) | 99 % Bandwidth | | 26 dB Bandwidth | |
|---|---|---|---|---|---|---|
| | | | Ant-0 | Ant-1 | Ant-0 | Ant-1 |
| | | | MHz | MHz | MHz | MHz |
| 802.11ax HE20 | 36 | 5180 | 18.896 | 18.863 | 20.820 | 20.710 |
| | 40 | 5200 | 18.908 | 18.911 | 20.980 | 20.590 |
| | 48 | 5240 | 18.913 | 18.907 | 21.000 | 20.820 |
| | 52 | 5260 | 18.969 | 18.905 | 21.060 | 20.540 |
| | 56 | 5280 | 18.940 | 18.908 | 21.080 | 20.990 |
| | 64 | 5320 | 18.966 | 18.900 | 20.950 | 21.120 |
| | 100 | 5500 | 18.976 | 18.941 | 20.890 | 20.950 |
| | 112 | 5560 | 18.959 | 18.906 | 21.000 | 21.000 |
| | 140 | 5700 | 18.946 | 18.939 | 20.940 | 20.850 |
| | 144 | 5720 | 14.415 | 14.404 | 15.300 | 15.370 |
| 802.11ax HE40 | 38 | 5190 | 37.711 | 37.667 | 40.760 | 40.920 |
| | 46 | 5230 | 37.747 | 37.712 | 40.870 | 40.540 |
| | 54 | 5270 | 37.830 | 37.746 | 41.130 | 40.670 |
| | 62 | 5310 | 37.780 | 37.745 | 40.740 | 40.820 |
| | 102 | 5510 | 37.758 | 37.799 | 40.450 | 40.550 |
| | 110 | 5550 | 39.080 | 37.952 | 73.100 | 43.730 |
| | 134 | 5670 | 37.989 | 37.743 | 42.360 | 40.560 |
| | 142 | 5710 | 34.089 | 33.725 | 50.940 | 35.500 |
| 802.11ax HE80 | 42 | 5210 | 77.214 | 77.160 | 83.120 | 82.720 |
| | 58 | 5290 | 77.112 | 77.100 | 82.620 | 82.470 |
| | 106 | 5530 | 77.041 | 77.121 | 82.530 | 83.180 |
| | 138 | 5690 | 78.810 | 73.238 | 122.600 | 83.720 |

| Band III_6 dB & 99 % RF Bandwidth Measurement | | | | | | |
|---|---|---|---|---|---|---|
| Mode | CH | Freq. (MHz) | 99 % Bandwidth | | 6 dB Bandwidth | |
| | | | Ant-0 | Ant-1 | Ant-0 | Ant-1 |
| | | | MHz | MHz | kHz | kHz |
| 802.11a | 144 | 5720 | 3.444 | 3.468 | 3173 | 3182 |
| | 149 | 5745 | 19.761 | 16.674 | 15780 | 16310 |
| | 157 | 5785 | 20.090 | 16.658 | 15650 | 16280 |
| | 165 | 5825 | 20.760 | 16.666 | 15770 | 16300 |
| 802.11ac VHT20 | 144 | 5720 | 4.100 | 3.980 | 3779 | 3783 |
| | 149 | 5745 | 18.800 | 17.753 | 16550 | 16920 |
| | 157 | 5785 | 18.797 | 17.758 | 16540 | 16750 |
| | 165 | 5825 | 19.168 | 17.790 | 17540 | 16810 |
| 802.11ac VHT40 | 142 | 5710 | 9.220 | 5.293 | 3179 | 3179 |
| | 151 | 5755 | 39.458 | 36.396 | 35910 | 35310 |
| | 159 | 5795 | 39.515 | 36.332 | 34720 | 36290 |
| 802.11ac VHT80 | 138 | 5690 | 18.941 | 15.729 | 3169 | 2534 |
| | 155 | 5775 | 77.740 | 75.579 | 72630 | 72620 |
| 802.11ax HE20 | 144 | 5720 | 4.627 | 4.596 | 4551 | 4172 |
| | 149 | 5745 | 19.731 | 19.080 | 18390 | 18070 |
| | 157 | 5785 | 19.814 | 19.083 | 18100 | 18540 |
| | 165 | 5825 | 20.077 | 19.112 | 17850 | 18230 |
| 802.11ax HE40 | 142 | 5710 | 8.345 | 4.314 | 4033 | 3917 |
| | 151 | 5755 | 40.214 | 37.961 | 37380 | 36440 |
| | 159 | 5795 | 46.813 | 37.954 | 37320 | 37220 |
| 802.11ax HE80 | 138 | 5690 | 18.467 | 13.487 | 4066 | 4150 |
| | 155 | 5775 | 78.530 | 77.305 | 75910 | 74730 |

| Power Spectral Density Measurement | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Measurement | | Duty Factor | Calculated | Limit |
| | | | Ant-0 | Ant-1 | | Total | |
| | | | dBm/MHz | dBm/MHz | dB | dBm/MHz | dBm/MHz |
| 802.11a | 36 | 5180 | -1.709 | -3.304 | 0.011 | 0.587 | 7.880 |
| | 40 | 5200 | -1.547 | -3.475 | 0.011 | 0.616 | 7.880 |
| | 48 | 5240 | -1.394 | -3.668 | 0.011 | 0.637 | 7.880 |
| | 52 | 5260 | 4.099 | 1.823 | 0.011 | 6.130 | 7.880 |
| | 56 | 5280 | 4.368 | 1.818 | 0.011 | 6.298 | 7.880 |
| | 64 | 5320 | 3.571 | 1.793 | 0.011 | 5.794 | 7.880 |
| | 100 | 5500 | 5.448 | 3.940 | 0.011 | 7.780 | 7.880 |
| | 112 | 5560 | 5.552 | 3.685 | 0.011 | 7.739 | 7.880 |
| | 140 | 5700 | 5.334 | 3.299 | 0.011 | 7.456 | 7.880 |
| | 144 | 5720 | 5.194 | 3.615 | 0.011 | 7.497 | 7.880 |

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

| Band | CH | Frequency (MHz) | Measurement | | Duty Factor | Calculated | Limit |
|---|---|---|---|---|---|---|---|
| | | | Ant-0 | Ant-1 | | Total | |
| | | | dBm/MHz | dBm/MHz | dB | dBm/MHz | dBm/MHz |
| 802.11ac VHT20 | 36 | 5180 | -1.798 | -3.545 | 0.000 | 0.426 | 7.880 |
| | 40 | 5200 | -1.635 | -3.429 | 0.000 | 0.570 | 7.880 |
| | 48 | 5240 | -1.181 | -3.582 | 0.000 | 0.793 | 7.880 |
| | 52 | 5260 | 3.713 | 1.275 | 0.000 | 5.673 | 7.880 |
| | 56 | 5280 | 3.876 | 1.427 | 0.000 | 5.832 | 7.880 |
| | 64 | 5320 | 3.264 | 1.278 | 0.000 | 5.394 | 7.880 |
| | 100 | 5500 | 5.075 | 3.570 | 0.000 | 7.398 | 7.880 |
| | 112 | 5560 | 5.517 | 3.393 | 0.000 | 7.594 | 7.880 |
| | 140 | 5700 | 5.362 | 3.701 | 0.000 | 7.621 | 7.880 |
| | 144 | 5720 | 5.573 | 3.814 | 0.000 | 7.792 | 7.880 |
| 802.11ac VHT40 | 38 | 5190 | -1.534 | -3.329 | 0.000 | 0.671 | 7.880 |
| | 46 | 5230 | -1.490 | -3.258 | 0.000 | 0.726 | 7.880 |
| | 54 | 5270 | 1.169 | -1.343 | 0.000 | 3.103 | 7.880 |
| | 62 | 5310 | 0.377 | -1.382 | 0.000 | 2.596 | 7.880 |
| | 102 | 5510 | 1.692 | 0.684 | 0.000 | 4.228 | 7.880 |
| | 110 | 5550 | 5.437 | 3.568 | 0.000 | 7.612 | 7.880 |
| | 134 | 5670 | 3.493 | 2.003 | 0.000 | 5.822 | 7.880 |
| | 142 | 5710 | 5.525 | 3.821 | 0.000 | 7.766 | 7.880 |
| 802.11ac VHT80 | 42 | 5210 | -3.254 | -4.798 | 0.000 | -0.948 | 7.880 |
| | 58 | 5290 | -3.628 | -5.524 | 0.000 | -1.463 | 7.880 |
| | 106 | 5530 | -1.954 | -3.471 | 0.000 | 0.364 | 7.880 |
| | 138 | 5690 | 2.438 | 1.028 | 0.000 | 4.800 | 7.880 |

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

| Band | CH | Frequency (MHz) | Measurement | | Duty Factor | Calculated | Limit |
|---|---|---|---|---|---|---|---|
| | | | Ant-0 | Ant-1 | | Total | |
| | | | dBm/MHz | dBm/MHz | dB | dBm/MHz | dBm/MHz |
| 802.11ax HE20 | 36 | 5180 | -1.822 | -3.476 | 0.000 | 0.440 | 7.880 |
| | 40 | 5200 | -1.603 | -3.520 | 0.000 | 0.554 | 7.880 |
| | 48 | 5240 | -1.319 | -3.486 | 0.000 | 0.742 | 7.880 |
| | 52 | 5260 | 3.353 | 1.361 | 0.000 | 5.481 | 7.880 |
| | 56 | 5280 | 3.555 | 1.324 | 0.000 | 5.591 | 7.880 |
| | 64 | 5320 | 2.984 | 1.301 | 0.000 | 5.234 | 7.880 |
| | 100 | 5500 | 5.373 | 3.798 | 0.000 | 7.667 | 7.880 |
| | 112 | 5560 | 5.492 | 3.104 | 0.000 | 7.470 | 7.880 |
| | 140 | 5700 | 4.964 | 3.764 | 0.000 | 7.415 | 7.880 |
| | 144 | 5720 | 5.420 | 3.746 | 0.000 | 7.674 | 7.880 |
| 802.11ax HE40 | 38 | 5190 | -1.833 | -3.286 | 0.000 | 0.511 | 7.880 |
| | 46 | 5230 | -1.557 | -3.543 | 0.000 | 0.573 | 7.880 |
| | 54 | 5270 | 0.639 | -1.279 | 0.000 | 2.795 | 7.880 |
| | 62 | 5310 | 0.234 | -1.663 | 0.000 | 2.398 | 7.880 |
| | 102 | 5510 | 1.629 | 0.437 | 0.000 | 4.084 | 7.880 |
| | 110 | 5550 | 4.894 | 3.546 | 0.000 | 7.283 | 7.880 |
| | 134 | 5670 | 3.186 | 1.790 | 0.000 | 5.554 | 7.880 |
| | 142 | 5710 | 5.468 | 3.490 | 0.000 | 7.601 | 7.880 |
| 802.11ax HE80 | 42 | 5210 | -2.900 | -4.533 | 0.000 | -0.630 | 7.880 |
| | 58 | 5290 | -3.449 | -5.300 | 0.000 | -1.266 | 7.880 |
| | 106 | 5530 | -2.056 | -3.277 | 0.000 | 0.386 | 7.880 |
| | 138 | 5690 | 2.301 | 1.311 | 0.000 | 4.844 | 7.880 |

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

| Power Spectral Density Measurement | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Single RU | Measurement | | Duty Factor | Calculated | Limit |
| | | | | Ant-0 | Ant-1 | | Total | |
| | | | | dBm/MHz | dBm/MHz | dB | dBm/MHz | dBm/MHz |
| 802.11ax HE20 | 36 | 5180 | 26 | -4.401 | -4.997 | 0.009 | -1.669 | 7.880 |
| | 48 | 5240 | 26 | -2.717 | -3.688 | 0.009 | -0.156 | 7.880 |
| | 52 | 5260 | 26 | 3.195 | 0.405 | 0.009 | 5.040 | 7.880 |
| | 64 | 5320 | 26 | 2.966 | 0.630 | 0.009 | 4.973 | 7.880 |
| | 100 | 5500 | 26 | 5.116 | 3.328 | 0.009 | 7.333 | 7.880 |
| | 140 | 5700 | 26 | 4.657 | 3.292 | 0.009 | 7.048 | 7.880 |
| | 144 | 5720 | 26 | 5.045 | 3.118 | 0.009 | 7.207 | 7.880 |
| | 36 | 5180 | 52 | -1.730 | -3.676 | 0.005 | 0.420 | 7.880 |
| | 48 | 5240 | 52 | -1.763 | -4.269 | 0.005 | 0.177 | 7.880 |
| | 52 | 5260 | 52 | 3.324 | 1.073 | 0.005 | 5.358 | 7.880 |
| | 64 | 5320 | 52 | 2.858 | 0.330 | 0.005 | 4.790 | 7.880 |
| | 100 | 5500 | 52 | 5.124 | 3.144 | 0.005 | 7.261 | 7.880 |
| | 140 | 5700 | 52 | 4.898 | 3.049 | 0.005 | 7.086 | 7.880 |
| | 144 | 5720 | 52 | 5.372 | 3.196 | 0.005 | 7.434 | 7.880 |
| | 36 | 5180 | 106 | -1.930 | -4.057 | 0.005 | 0.151 | 7.880 |
| | 48 | 5240 | 106 | -1.392 | -3.840 | 0.005 | 0.570 | 7.880 |
| | 52 | 5260 | 106 | 3.163 | 0.341 | 0.005 | 4.993 | 7.880 |
| | 64 | 5320 | 106 | 2.625 | 0.068 | 0.005 | 4.547 | 7.880 |
| | 100 | 5500 | 106 | 5.065 | 3.385 | 0.005 | 7.321 | 7.880 |
| | 140 | 5700 | 106 | 4.464 | 2.628 | 0.005 | 6.658 | 7.880 |
| | 144 | 5720 | 106 | 5.156 | 3.242 | 0.005 | 7.319 | 7.880 |

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

| Band III_ Power Spectral Density Measurement | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Measurement | | | | Duty Factor | Calculated | Limit | PASS/FAIL |
| | | | Ant-0 | | Ant-1 | | | Total | | |
| | | | dBm/100 kHz | dBm/500 kHz | dBm/100 kHz | dBm/500 kHz | dB | dBm/500 kHz | dBm/500 kHz | |
| 802.11a | 144 | 5720 | -3.959 | 3.042 | -5.188 | 1.813 | 0.011 | 5.481 | 26.88 | PASS |
| | 149 | 5745 | 0.053 | 7.054 | -1.761 | 5.239 | 0.011 | 9.251 | 26.88 | PASS |
| | 157 | 5785 | -0.158 | 6.843 | -1.431 | 5.569 | 0.011 | 9.263 | 26.88 | PASS |
| | 165 | 5825 | 0.826 | 7.826 | -1.288 | 5.713 | 0.011 | 9.907 | 26.88 | PASS |
| 802.11ac VHT20 | 144 | 5720 | -3.761 | 3.229 | -4.616 | 2.374 | 0.000 | 5.833 | 26.88 | PASS |
| | 149 | 5745 | -0.708 | 6.282 | -2.233 | 4.757 | 0.000 | 8.596 | 26.88 | PASS |
| | 157 | 5785 | -0.736 | 6.253 | -1.940 | 5.050 | 0.000 | 8.704 | 26.88 | PASS |
| | 165 | 5825 | 0.162 | 7.152 | -2.026 | 4.964 | 0.000 | 9.205 | 26.88 | PASS |
| 802.11ac VHT40 | 142 | 5710 | -4.824 | 2.166 | -5.814 | 1.176 | 0.000 | 4.709 | 26.88 | PASS |
| | 151 | 5755 | -3.700 | 3.289 | -4.840 | 2.150 | 0.000 | 5.767 | 26.88 | PASS |
| | 159 | 5795 | -3.206 | 3.784 | -4.926 | 2.064 | 0.000 | 6.019 | 26.88 | PASS |
| 802.11ac VHT80 | 138 | 5690 | -8.244 | -1.254 | -10.222 | -3.232 | 0.000 | 0.879 | 26.88 | PASS |
| | 155 | 5775 | -6.809 | 0.181 | -8.553 | -1.563 | 0.000 | 2.406 | 26.88 | PASS |
| 802.11ax HE20 | 144 | 5720 | -4.968 | 2.022 | -6.240 | 0.750 | 0.000 | 4.443 | 26.88 | PASS |
| | 149 | 5745 | -2.081 | 4.909 | -3.247 | 3.743 | 0.000 | 7.375 | 26.88 | PASS |
| | 157 | 5785 | -1.853 | 5.137 | -3.234 | 3.755 | 0.000 | 7.511 | 26.88 | PASS |
| | 165 | 5825 | -1.317 | 5.672 | -3.042 | 3.948 | 0.000 | 7.905 | 26.88 | PASS |
| 802.11ax HE40 | 142 | 5710 | -5.786 | 1.204 | -7.522 | -0.532 | 0.000 | 3.432 | 26.88 | PASS |
| | 151 | 5755 | -4.760 | 2.230 | -6.064 | 0.926 | 0.000 | 4.637 | 26.88 | PASS |
| | 159 | 5795 | -5.546 | 1.443 | -5.978 | 1.012 | 0.000 | 4.243 | 26.88 | PASS |
| 802.11ax HE80 | 138 | 5690 | -9.412 | -2.423 | -10.570 | -3.580 | 0.000 | 0.047 | 26.88 | PASS |
| | 155 | 5775 | -7.574 | -0.584 | -9.246 | -2.256 | 0.000 | 1.670 | 26.88 | PASS |

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

| Band III_ Power Spectral Density Measurement | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mode | CH | Frequency (MHz) | Single RU | Measurement | | | | Duty Factor | Calculated | Limit | PASS/FAIL |
| | | | | Ant-0 | | Ant-1 | | | Total | | |
| | | | | dBm/100 kHz | dBm/500 kHz | dBm/100 kHz | dBm/500 kHz | dB | dBm/500 kHz | dBm/500 kHz | |
| 802.11ax HE20 | 149 | 5745 | 26 | -2.187 | 4.812 | -3.751 | 3.248 | 0.009 | 7.110 | 26.88 | PASS |
| | 165 | 5825 | 26 | -1.670 | 5.329 | -3.746 | 3.253 | 0.009 | 7.424 | 26.88 | PASS |
| 802.11ax HE20 | 149 | 5745 | 52 | -2.129 | 4.865 | -4.089 | 2.905 | 0.005 | 7.005 | 26.88 | PASS |
| | 165 | 5825 | 52 | -1.650 | 5.344 | -3.869 | 3.125 | 0.005 | 7.385 | 26.88 | PASS |
| 802.11ax HE20 | 149 | 5745 | 106 | -2.319 | 4.676 | -4.392 | 2.603 | 0.005 | 6.772 | 26.88 | PASS |
| | 165 | 5825 | 106 | -1.890 | 5.105 | -3.921 | 3.074 | 0.005 | 7.217 | 26.88 | PASS |

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