

RF Exposure Evaluation for FCC ID: 2AYPE-VWNC51518

According with FCC KDB 447498 D01, Appendix B, The SAR-based exemption formula applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold Pth (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). The following table shows the power threshold from 5mm to 50mm.

| Power Thresholds (mW) | | | | | |
|------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Frequency (MHz) | At separation distance of ≤5 mm | At separation distance of 10 mm | At separation distance of 15 mm | At separation distance of 20 mm | At separation distance of 25 mm |
| 300 | 39 mW | 65 mW | 88 mW | 110 mW | 129 mW |
| 450 | 22 mW | 44 mW | 67 mW | 89 mW | 112 mW |
| 835 | 9 mW | 25 mW | 44 mW | 66 mW | 90 mW |
| 1900 | 3 mW | 12 mW | 26 mW | 44 mW | 66 mW |
| 2450 | 3 mW | 10 mW | 22 mW | 38 mW | 59 mW |
| 3600 | 2 mW | 8 mW | 18 mW | 32 mW | 49 mW |
| 5800 | 1 mW | 6 mW | 14 mW | 25 mW | 40 mW |
| Frequency (MHz) | At separation distance of 30 mm | At separation distance of 35 mm | At separation distance of 40 mm | At separation distance of 45 mm | At separation distance of 50 mm |
| 300 | 148 mW | 166 mW | 184 mW | 201 mW | 217 mW |
| 450 | 135 mW | 158 mW | 180 mW | 203 mW | 226 mW |
| 835 | 116 mW | 145 mW | 175 mW | 207 mW | 240 mW |
| 1900 | 92 mW | 122 mW | 157 mW | 195 mW | 236 mW |
| 2450 | 83 mW | 111 mW | 143 mW | 179 mW | 219 mW |
| 3600 | 71 mW | 96 mW | 125 mW | 158 mW | 195 mW |
| 5800 | 58 mW | 80 mW | 106 mW | 136 mW | 169 mW |

Note:

1. Maximum power is the source-based time-average power and represents the maximum RF output power including tune-up tolerance among production units
2. Per KDB 447498 D01, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. Per KDB 447498 D01, standalone SAR test exclusion threshold is applied; If the distance of the antenna to the user is < 5mm, 5mm is used to determine SAR exclusion threshold
4. Per KDB 447498 D01, for separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive), the threshold Pth (mW) is given by Following:

$$P_{th} (mW) = \begin{cases} ERP_{20cm} (d/20cm)^x & d \leq 20cm \\ ERP_{20cm} & 20cm < d \leq 40cm \end{cases}$$

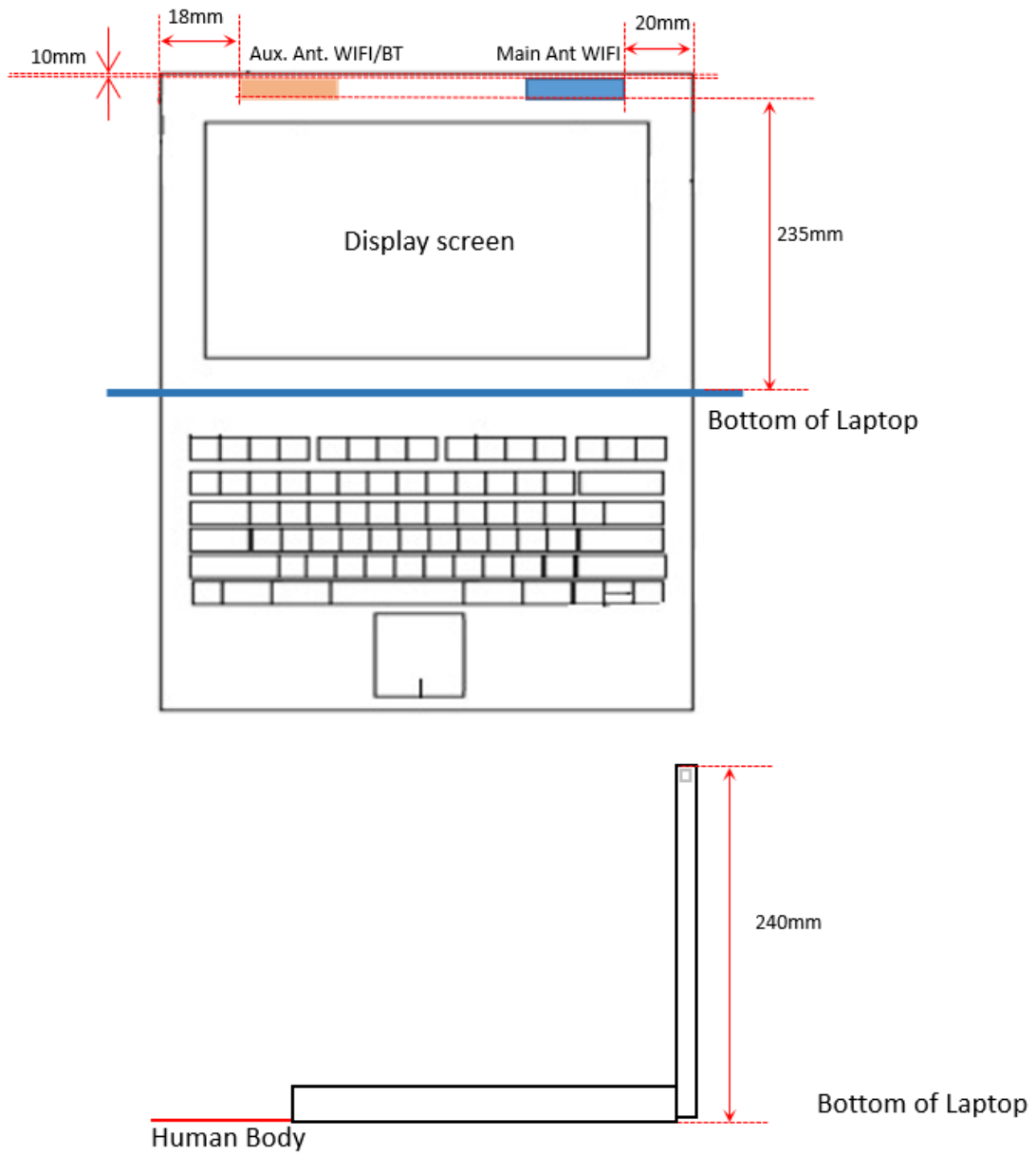
where

$$x = -\log_{10} \left(\frac{60}{ERP_{20cm} \sqrt{f}} \right)$$

- a. f(GHz) is the RF channel transmit frequency in GHz
- b. d is the separation distance (cm), The result is rounded to one decimal place for comparison
- c. ERP_{20cm} are determined by:

$$ERP_{20cm} (mW) = f(x) = \begin{cases} 2040f & 0.3GHz \leq f < 1.5GHz \\ 3060 & 1.5GHz \leq f \leq 6GHz \end{cases}$$

Antenna location sketch



Conducted RF output power

2.4G WIFI (Aux. Antenna)

| Band (GHz) | Mode | Channel | Freq. (MHz) | Conducted Power (dBm) | Tune-up Power Limit (dBm) |
|----------------------|----------------------|---------|-------------|-----------------------|---------------------------|
| 2.4 (2.4~2.4835) | 802.11b | 1 | 2412 | 15.73 | 16.00 |
| | | 6 | 2437 | 15.49 | 16.00 |
| | | 11 | 2462 | 15.67 | 16.00 |
| | 802.11g | 1 | 2412 | 14.88 | 16.00 |
| | | 6 | 2437 | 15.62 | 16.00 |
| | | 11 | 2462 | 15.79 | 16.00 |
| | 802.11n(HT20) | 1 | 2412 | 14.84 | 16.00 |
| | | 6 | 2437 | 15.57 | 16.00 |
| | | 11 | 2462 | 15.73 | 16.00 |
| | 802.11n(HT40) | 3 | 2422 | 15.90 | 16.00 |
| | | 6 | 2437 | 15.79 | 16.00 |
| | | 9 | 2452 | 15.52 | 16.00 |
| | 802.11ax(HE20)(SU) | 1 | 2412 | 14.70 | 16.00 |
| | | 6 | 2437 | 15.43 | 16.00 |
| | | 11 | 2462 | 15.56 | 16.00 |
| | 802.11ax(HE40)(SU) | 3 | 2422 | 15.59 | 16.00 |
| | | 6 | 2437 | 15.50 | 16.00 |
| | | 9 | 2452 | 15.22 | 16.00 |
| | 802.11ax(HE20)(RU26) | 1 | 2412 | 13.42 | 14.00 |
| | | 6 | 2437 | 13.23 | 14.00 |
| | | 11 | 2462 | 13.72 | 14.00 |
| 802.11ax(HE40)(RU26) | 3 | 2422 | 13.52 | 14.00 | |
| | 6 | 2437 | 13.21 | 14.00 | |
| | 9 | 2452 | 13.60 | 14.00 | |

2.4G WIFI (Main Antenna)

| Band (GHz) | Mode | Channel | Freq. (MHz) | Conducted Power (dBm) | Tune-up Power Limit (dBm) |
|----------------------|----------------------|---------|-------------|-----------------------|---------------------------|
| 2.4 (2.4~2.4835) | 802.11b | 1 | 2412 | 15.68 | 16.00 |
| | | 6 | 2437 | 15.49 | 16.00 |
| | | 11 | 2462 | 15.73 | 16.00 |
| | 802.11g | 1 | 2412 | 14.85 | 16.00 |
| | | 6 | 2437 | 15.62 | 16.00 |
| | | 11 | 2462 | 15.52 | 16.00 |
| | 802.11n(HT20) | 1 | 2412 | 14.75 | 16.00 |
| | | 6 | 2437 | 15.42 | 16.00 |
| | | 11 | 2462 | 15.46 | 16.00 |
| | 802.11n(HT40) | 3 | 2422 | 15.81 | 16.00 |
| | | 6 | 2437 | 15.78 | 16.00 |
| | | 9 | 2452 | 15.26 | 16.00 |
| | 802.11ax(HE20)(SU) | 1 | 2412 | 14.63 | 16.00 |
| | | 6 | 2437 | 15.31 | 16.00 |
| | | 11 | 2462 | 15.36 | 16.00 |
| | 802.11ax(HE40)(SU) | 3 | 2422 | 15.51 | 16.00 |
| | | 6 | 2437 | 15.49 | 16.00 |
| | | 9 | 2452 | 15.03 | 16.00 |
| | 802.11ax(HE20)(RU26) | 1 | 2412 | 13.35 | 14.00 |
| | | 6 | 2437 | 13.17 | 14.00 |
| | | 11 | 2462 | 13.50 | 14.00 |
| 802.11ax(HE40)(RU26) | 3 | 2422 | 13.54 | 14.00 | |
| | 6 | 2437 | 13.03 | 14.00 | |
| | 9 | 2452 | 13.32 | 14.00 | |

5G WIFI (Aux. Antenna)

| Band (GHz) | Mode | Channel | Freq. (MHz) | Conducted Power (dBm) | Tune-up Power Limit (dBm) |
|----------------------|----------------------|---------|-------------|-----------------------|---------------------------|
| 5.2 (5.15~5.25) | 802.11a | 36 | 5180 | 18.94 | 19.50 |
| | | 40 | 5200 | 20.45 | 20.50 |
| | | 48 | 5240 | 20.80 | 21.00 |
| | 802.11n(HT20) | 36 | 5180 | 19.40 | 19.50 |
| | | 40 | 5200 | 20.37 | 20.50 |
| | | 48 | 5240 | 20.74 | 21.00 |
| | 802.11n(HT40) | 38 | 5190 | 18.83 | 19.00 |
| | | 46 | 5230 | 20.81 | 21.00 |
| | 802.11ac(VHT20) | 36 | 5180 | 19.36 | 19.50 |
| | | 40 | 5200 | 20.28 | 20.50 |
| | | 48 | 5240 | 20.51 | 21.00 |
| | 802.11ac(VHT40) | 38 | 5190 | 18.71 | 19.00 |
| | | 46 | 5230 | 20.88 | 21.00 |
| | 802.11ac(VHT80) | 42 | 5210 | 19.19 | 19.50 |
| | 802.11ax(HE20)(SU) | 36 | 5180 | 19.12 | 19.50 |
| | | 40 | 5200 | 20.11 | 20.50 |
| | | 48 | 5240 | 20.21 | 20.50 |
| | 802.11ax(HE40)(SU) | 38 | 5190 | 18.46 | 19.00 |
| | | 46 | 5230 | 20.18 | 20.50 |
| | 802.11ax(HE80)(SU) | 42 | 5210 | 18.90 | 19.50 |
| | 802.11ax(HE20)(RU26) | 36 | 5180 | 12.97 | 13.00 |
| | | 40 | 5200 | 12.97 | 13.00 |
| | | 48 | 5240 | 12.71 | 13.00 |
| | 802.11ax(HE40)(RU26) | 38 | 5190 | 12.84 | 13.00 |
| 46 | | 5230 | 12.93 | 13.00 | |
| 802.11ax(HE80)(RU26) | 42 | 5210 | 12.74 | 13.00 | |
| 5.3 (5.25~5.35) | 802.11a | 52 | 5260 | 19.87 | 21.00 |
| | | 60 | 5300 | 19.32 | 20.00 |
| | | 64 | 5320 | 17.41 | 18.50 |
| | 802.11n(HT20) | 52 | 5260 | 20.48 | 21.00 |
| | | 60 | 5300 | 19.93 | 20.00 |
| | | 64 | 5320 | 18.03 | 18.50 |
| | 802.11n(HT40) | 54 | 5270 | 20.72 | 21.00 |
| | | 62 | 5310 | 17.37 | 18.00 |
| | 802.11ac(VHT20) | 52 | 5260 | 20.64 | 21.00 |
| 60 | | 5300 | 19.94 | 20.00 | |
| 64 | | 5320 | 18.01 | 18.50 | |

| | | | | | |
|---------------------|----------------------|------|-------|-------|-------|
| | 802.11ac(VHT40) | 54 | 5270 | 19.93 | 21.00 |
| | | 62 | 5310 | 16.61 | 18.00 |
| | 802.11ac(VHT80) | 58 | 5290 | 17.59 | 18.00 |
| | 802.11ax(HE20)(SU) | 52 | 5260 | 20.31 | 21.00 |
| | | 60 | 5300 | 19.80 | 20.00 |
| | | 64 | 5320 | 17.80 | 18.50 |
| | 802.11ax(HE40)(SU) | 54 | 5270 | 19.69 | 21.00 |
| | | 62 | 5310 | 17.07 | 18.00 |
| | 802.11ax(HE80)(SU) | 58 | 5290 | 17.35 | 18.00 |
| | 802.11ax(HE20)(RU26) | 52 | 5260 | 12.58 | 13.00 |
| | | 60 | 5300 | 12.68 | 13.00 |
| | | 64 | 5320 | 12.93 | 13.00 |
| | 802.11ax(HE40)(RU26) | 54 | 5270 | 12.81 | 13.00 |
| | | 62 | 5310 | 12.61 | 13.00 |
| | 802.11ax(HE80)(RU26) | 58 | 5290 | 12.52 | 13.00 |
| 5.6 (5.47~5.725) | 802.11a | 100 | 5500 | 17.82 | 18.00 |
| | | 116 | 5580 | 19.53 | 20.00 |
| | | 140 | 5700 | 17.16 | 18.00 |
| | 802.11n(HT20) | 100 | 5500 | 17.07 | 18.00 |
| | | 116 | 5580 | 18.64 | 20.00 |
| | | 140 | 5700 | 16.41 | 18.00 |
| | 802.11n(HT40) | 102 | 5510 | 17.93 | 18.00 |
| | | 110 | 5550 | 19.68 | 20.00 |
| | | 134 | 5670 | 17.71 | 18.00 |
| | 802.11ac(VHT20) | 100 | 5500 | 17.64 | 18.00 |
| | | 116 | 5580 | 19.33 | 20.00 |
| | | 140 | 5700 | 17.30 | 18.00 |
| | 802.11ac(VHT40) | 102 | 5510 | 17.89 | 18.00 |
| | | 110 | 5550 | 19.80 | 20.00 |
| | | 134 | 5670 | 19.00 | 19.00 |
| | 802.11ac(VHT80) | 106 | 5530 | 18.28 | 19.00 |
| | | 122 | 5610 | 19.78 | 20.00 |
| | | 138 | 5690 | 19.94 | 20.00 |
| | 802.11ax(HE20)(SU) | 100 | 5500 | 17.44 | 18.00 |
| | | 116 | 5580 | 19.38 | 20.00 |
| | | 140 | 5700 | 17.10 | 18.00 |
| | 802.11ax(HE40)(SU) | 102 | 5510 | 17.62 | 18.00 |
| | | 110 | 5550 | 19.51 | 20.00 |
| | 802.11ax(HE80)(SU) | 134 | 5670 | 18.65 | 19.00 |
| 106 | | 5530 | 18.01 | 19.00 | |
| | | 122 | 5610 | 19.70 | 20.00 |

| | | | | | |
|----------------------|----------------------|-----|------|-------|-------|
| | | 138 | 5690 | 19.85 | 20.00 |
| | 802.11ax(HE20)(RU26) | 100 | 5500 | 13.06 | 13.50 |
| | | 116 | 5580 | 12.50 | 13.50 |
| | | 140 | 5700 | 12.49 | 13.50 |
| | 802.11ax(HE40)(RU26) | 102 | 5510 | 12.83 | 13.50 |
| | | 110 | 5550 | 12.97 | 13.50 |
| | | 134 | 5670 | 12.85 | 13.50 |
| | 802.11ax(HE80)(RU26) | 106 | 5530 | 12.62 | 13.50 |
| | | 122 | 5610 | 12.62 | 13.50 |
| | | 138 | 5690 | 12.79 | 13.50 |
| 5.8 (5.725~5.850) | 802.11a | 149 | 5745 | 19.64 | 20.00 |
| | | 157 | 5785 | 18.82 | 19.00 |
| | | 165 | 5825 | 19.99 | 20.50 |
| | 802.11n(HT20) | 149 | 5745 | 19.51 | 20.00 |
| | | 157 | 5785 | 18.88 | 19.00 |
| | | 165 | 5825 | 20.19 | 20.50 |
| | 802.11n(HT40) | 151 | 5755 | 19.36 | 20.00 |
| | | 159 | 5795 | 19.60 | 20.00 |
| | 802.11ac(VHT20) | 149 | 5745 | 19.54 | 20.00 |
| | | 157 | 5785 | 18.98 | 19.00 |
| | | 165 | 5825 | 19.91 | 20.50 |
| | 802.11ac(VHT40) | 151 | 5755 | 19.39 | 20.00 |
| | | 159 | 5795 | 19.48 | 20.00 |
| | 802.11ac(VHT80) | 155 | 5775 | 18.43 | 19.00 |
| | 802.11ax(HE20)(SU) | 149 | 5745 | 19.39 | 20.00 |
| | | 157 | 5785 | 18.88 | 19.00 |
| | | 165 | 5825 | 19.78 | 20.50 |
| | 802.11ax(HE40)(SU) | 151 | 5755 | 18.99 | 20.00 |
| | | 159 | 5795 | 19.37 | 20.00 |
| | 802.11ax(HE80)(SU) | 155 | 5775 | 18.11 | 19.00 |
| | 802.11ax(HE20)(RU26) | 149 | 5745 | 12.80 | 13.00 |
| | | 157 | 5785 | 12.65 | 13.00 |
| | | 165 | 5825 | 12.67 | 13.00 |
| | 802.11ax(HE40)(RU26) | 151 | 5755 | 12.53 | 13.00 |
| | | 159 | 5795 | 12.94 | 13.00 |
| | 802.11ax(HE80)(RU26) | 155 | 5775 | 12.93 | 13.00 |

5G WIFI (Main Antenna)

| Band (GHz) | Mode | Channel | Freq. (MHz) | Conducted Power (dBm) | Tune-up Power Limit (dBm) |
|----------------------|----------------------|---------|-------------|-----------------------|---------------------------|
| 5.2 (5.15~5.25) | 802.11a | 36 | 5180 | 18.53 | 19.50 |
| | | 40 | 5200 | 20.04 | 20.50 |
| | | 48 | 5240 | 20.28 | 20.50 |
| | 802.11n(HT20) | 36 | 5180 | 18.50 | 19.50 |
| | | 40 | 5200 | 19.91 | 20.50 |
| | | 48 | 5240 | 20.21 | 20.50 |
| | 802.11n(HT40) | 38 | 5190 | 18.21 | 19.00 |
| | | 46 | 5230 | 19.92 | 20.50 |
| | 802.11ac(VHT20) | 36 | 5180 | 18.50 | 19.50 |
| | | 40 | 5200 | 20.09 | 20.50 |
| | | 48 | 5240 | 20.48 | 20.50 |
| | 802.11ac(VHT40) | 38 | 5190 | 18.19 | 19.00 |
| | | 46 | 5230 | 19.90 | 20.50 |
| | 802.11ac(VHT80) | 42 | 5210 | 18.05 | 19.50 |
| | 802.11ax(HE20)(SU) | 36 | 5180 | 18.29 | 19.50 |
| | | 40 | 5200 | 19.81 | 20.50 |
| | | 48 | 5240 | 19.64 | 20.50 |
| | 802.11ax(HE40)(SU) | 38 | 5190 | 17.86 | 19.00 |
| | | 46 | 5230 | 19.47 | 20.50 |
| | 802.11ax(HE80)(SU) | 42 | 5210 | 17.95 | 19.50 |
| | 802.11ax(HE20)(RU26) | 36 | 5180 | 12.52 | 13.00 |
| | | 40 | 5200 | 12.80 | 13.00 |
| | | 48 | 5240 | 12.25 | 13.00 |
| | 802.11ax(HE40)(RU26) | 38 | 5190 | 12.88 | 13.00 |
| 46 | | 5230 | 12.91 | 13.00 | |
| 802.11ax(HE80)(RU26) | 42 | 5210 | 12.79 | 13.00 | |
| 5.3 (5.25~5.35) | 802.11a | 52 | 5260 | 19.83 | 20.50 |
| | | 60 | 5300 | 19.62 | 20.00 |
| | | 64 | 5320 | 17.68 | 18.50 |
| | 802.11n(HT20) | 52 | 5260 | 20.05 | 20.50 |
| | | 60 | 5300 | 19.69 | 20.00 |
| | | 64 | 5320 | 17.67 | 18.50 |
| | 802.11n(HT40) | 54 | 5270 | 16.46 | 17.00 |
| | | 62 | 5310 | 16.80 | 17.00 |
| | 802.11ac(VHT20) | 52 | 5260 | 16.19 | 17.00 |
| 60 | | 5300 | 16.45 | 17.00 | |
| 64 | | 5320 | 16.75 | 17.00 | |

| | | | | | |
|---------------------|----------------------|-----|------|-------|-------|
| | 802.11ac(VHT40) | 54 | 5270 | 16.52 | 17.00 |
| | | 62 | 5310 | 16.83 | 17.00 |
| | 802.11ac(VHT80) | 58 | 5290 | 16.93 | 18.00 |
| | 802.11ax(HE20)(SU) | 52 | 5260 | 16.08 | 17.00 |
| | | 60 | 5300 | 16.26 | 17.00 |
| | | 64 | 5320 | 16.54 | 17.00 |
| | 802.11ax(HE40)(SU) | 54 | 5270 | 16.20 | 17.00 |
| | | 62 | 5310 | 16.49 | 17.00 |
| | 802.11ax(HE80)(SU) | 58 | 5290 | 16.65 | 17.00 |
| | 802.11ax(HE20)(RU26) | 52 | 5260 | 12.40 | 13.00 |
| | | 60 | 5300 | 12.88 | 13.00 |
| | | 64 | 5320 | 12.63 | 13.00 |
| | 802.11ax(HE40)(RU26) | 54 | 5270 | 12.63 | 13.00 |
| | | 62 | 5310 | 12.54 | 13.00 |
| | 802.11ax(HE80)(RU26) | 58 | 5290 | 12.54 | 13.00 |
| 5.6 (5.47~5.725) | 802.11a | 100 | 5500 | 16.53 | 17.00 |
| | | 116 | 5580 | 16.61 | 17.00 |
| | | 140 | 5700 | 15.87 | 17.00 |
| | 802.11n(HT20) | 100 | 5500 | 16.47 | 17.00 |
| | | 116 | 5580 | 16.54 | 17.00 |
| | | 140 | 5700 | 15.79 | 17.00 |
| | 802.11n(HT40) | 102 | 5510 | 16.79 | 17.00 |
| | | 110 | 5550 | 16.67 | 17.00 |
| | | 134 | 5670 | 16.42 | 17.00 |
| | 802.11ac(VHT20) | 100 | 5500 | 16.46 | 17.00 |
| | | 116 | 5580 | 16.50 | 17.00 |
| | | 140 | 5700 | 15.77 | 17.00 |
| | 802.11ac(VHT40) | 102 | 5510 | 16.67 | 17.00 |
| | | 110 | 5550 | 16.67 | 17.00 |
| | | 134 | 5670 | 16.40 | 17.00 |
| | 802.11ac(VHT80) | 106 | 5530 | 16.76 | 17.00 |
| | | 122 | 5610 | 16.76 | 17.00 |
| | | 138 | 5690 | 16.86 | 17.00 |
| | 802.11ax(HE20)(SU) | 100 | 5500 | 16.30 | 17.00 |
| | | 116 | 5580 | 16.33 | 17.00 |
| | | 140 | 5700 | 15.56 | 17.00 |
| | 802.11ax(HE40)(SU) | 102 | 5510 | 16.48 | 17.00 |
| | | 110 | 5550 | 16.36 | 17.00 |
| | | 134 | 5670 | 16.09 | 17.00 |
| | 802.11ax(HE80)(SU) | 106 | 5530 | 16.50 | 17.00 |
| | | 122 | 5610 | 16.56 | 17.00 |

| | | | | | |
|----------------------|----------------------|-----|------|-------|-------|
| | | 138 | 5690 | 16.92 | 17.00 |
| | 802.11ax(HE20)(RU26) | 100 | 5500 | 12.55 | 13.50 |
| | | 116 | 5580 | 12.75 | 13.50 |
| | | 140 | 5700 | 12.79 | 13.50 |
| | 802.11ax(HE40)(RU26) | 102 | 5510 | 12.75 | 13.50 |
| | | 110 | 5550 | 12.90 | 13.50 |
| | | 134 | 5670 | 12.91 | 13.50 |
| | 802.11ax(HE80)(RU26) | 106 | 5530 | 12.54 | 13.50 |
| | | 122 | 5610 | 12.94 | 13.50 |
| | | 138 | 5690 | 12.54 | 13.50 |
| 5.8 (5.725~5.850) | 802.11a | 149 | 5745 | 16.27 | 17.00 |
| | | 157 | 5785 | 15.84 | 17.00 |
| | | 165 | 5825 | 16.65 | 17.00 |
| | 802.11n(HT20) | 149 | 5745 | 16.21 | 17.00 |
| | | 157 | 5785 | 15.78 | 17.00 |
| | | 165 | 5825 | 16.58 | 17.00 |
| | 802.11n(HT40) | 151 | 5755 | 16.39 | 17.00 |
| | | 159 | 5795 | 16.27 | 17.00 |
| | 802.11ac(VHT20) | 149 | 5745 | 16.20 | 17.00 |
| | | 157 | 5785 | 15.77 | 17.00 |
| | | 165 | 5825 | 16.58 | 17.00 |
| | 802.11ac(VHT40) | 151 | 5755 | 16.37 | 17.00 |
| | | 159 | 5795 | 16.33 | 17.00 |
| | 802.11ac(VHT80) | 155 | 5775 | 16.11 | 17.00 |
| | 802.11ax(HE20)(SU) | 149 | 5745 | 15.99 | 17.00 |
| | | 157 | 5785 | 15.52 | 17.00 |
| | | 165 | 5825 | 16.44 | 17.00 |
| | 802.11ax(HE40)(SU) | 151 | 5755 | 16.05 | 17.00 |
| | | 159 | 5795 | 16.02 | 17.00 |
| | 802.11ax(HE80)(SU) | 155 | 5775 | 15.84 | 17.00 |
| | 802.11ax(HE20)(RU26) | 149 | 5745 | 12.55 | 13.00 |
| | | 157 | 5785 | 12.56 | 13.00 |
| | | 165 | 5825 | 12.70 | 13.00 |
| | 802.11ax(HE40)(RU26) | 151 | 5755 | 12.63 | 13.00 |
| | | 159 | 5795 | 12.70 | 13.00 |
| | 802.11ax(HE80)(RU26) | 155 | 5775 | 12.67 | 13.00 |

Maximum EIRP

Aux. Antenna

| Mode | Max. Tune up Power (dBm) | Antenna Gain (dB) | Max. EIRP(dBm) |
|-----------|--------------------------|-------------------|----------------|
| Bluetooth | 10.50 | 1.69 | 12.19 |
| 2.4G WIFI | 16.00 | 1.69 | 17.69 |
| 5.2G WIFI | 21.00 | 1.95 | 22.95 |
| 5.3G WIFI | 21.00 | 1.95 | 22.95 |
| 5.6G WIFI | 20.00 | 1.95 | 21.95 |
| 5.8G WIFI | 20.50 | 1.95 | 22.45 |

Main Antenna

| Mode | Antenna Auxiliary Max. Tune up Power (dBm) | Antenna Gain (dB) | Max. EIRP(dBm) |
|-----------|--|-------------------|----------------|
| 2.4G WIFI | 16.00 | 1.78 | 17.78 |
| 5.2G WIFI | 20.50 | 2.10 | 22.60 |
| 5.3G WIFI | 20.50 | 2.10 | 22.60 |
| 5.6G WIFI | 17.00 | 2.10 | 19.10 |
| 5.8G WIFI | 17.00 | 2.10 | 19.10 |

SAR Test Exclusion Consideration

Aux. Antenna

| Test Position Configurations | Mode | Bluetooth | WLAN 2.4GHz | WLAN 5.2GHz | WLAN 5.3GHz | WLAN 5.6GHz | WLAN 5.8GHz |
|------------------------------|-----------------------|-----------|-------------|-------------|-------------|-------------|-------------|
| Bottom of Laptop | Distance to User (mm) | 235 | | | | | |
| | Max. EIRP (dBm) | 12.19 | 17.69 | 22.95 | 22.95 | 21.95 | 22.45 |
| | Max. EIRP (mW) | 16.56 | 58.75 | 197.24 | 197.24 | 156.68 | 175.79 |
| | Exclusion Threshold | 3060.0 | 3060.0 | 3060.0 | 3060.0 | 3060.0 | 3060.0 |
| | SAR Test Required | No | No | No | No | No | No |

Main Antenna

| Test Position Configurations | Mode | WLAN 2.4GHz | WLAN 5.2GHz | WLAN 5.3GHz | WLAN 5.6GHz | WLAN 5.8GHz |
|------------------------------|--------------------------|-------------|-------------|-------------|-------------|-------------|
| Bottom of Laptop | Distance to User (mm) | 235 | | | | |
| | Max. EIRP (dBm) | 17.78 | 22.60 | 22.60 | 19.10 | 19.10 |
| | Max. EIRP (mW) | 59.98 | 181.97 | 181.97 | 81.28 | 81.28 |
| | Exclusion Threshold (mW) | 3060.0 | 3060.0 | 3060.0 | 3060.0 | 3060.0 |
| | SAR Test Required | No | No | No | No | No |

Conclusion:

RF exposure Evaluation Results: **Compliance**

--END OF REPORT--