

RF EXPOSURE EVALUATION METHOD**SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm**

Approximate SAR Test Exclusion Power Thresholds at Selected Frequencies and Test Separation

Distances are illustrated in the following Table.

| MHz | 5 | 10 | 15 | 20 | 25 | mm |
|------|----|----|-----|-----|-----|---|
| 150 | 39 | 77 | 116 | 155 | 194 | SAR Test Exclusion Threshold (mW) |
| 300 | 27 | 55 | 82 | 110 | 137 | |
| 450 | 22 | 45 | 67 | 89 | 112 | |
| 835 | 16 | 33 | 49 | 66 | 82 | |
| 900 | 16 | 32 | 47 | 63 | 79 | |
| 1500 | 12 | 24 | 37 | 49 | 61 | |
| 1900 | 11 | 22 | 33 | 44 | 54 | |
| 2450 | 10 | 19 | 29 | 38 | 48 | |
| 3600 | 8 | 16 | 24 | 32 | 40 | |
| 5200 | 7 | 13 | 20 | 26 | 33 | |
| 5400 | 6 | 13 | 19 | 26 | 32 | |
| 5800 | 6 | 12 | 19 | 25 | 31 | |

Maximum measured transmitter power

1Mbps

| Frequency (MHz) | Max Antenna Gain (dBm) | EIRP (dBm) | EIRP (mW) |
|-----------------|------------------------|------------|-----------|
| 2402 | 0 | 0.768 | 1.19 |
| 2441 | 0 | 1.404 | 1.38 |
| 2480 | 0 | 1.011 | 1.26 |

2Mbps

| Frequency (MHz) | Max Antenna Gain (dBm) | EIRP (dBm) | EIRP (mW) |
|-----------------|------------------------|------------|-----------|
| 2402 | 0 | 1.046 | 1.27 |
| 2441 | 0 | 1.261 | 1.34 |
| 2480 | 0 | 1.265 | 1.34 |

3Mbps

| Frequency (MHZ) | Max Antenna Gain (dBm) | EIRP (dBm) | EIRP (mW) |
|--------------------|---------------------------|------------|-----------|
| 2402 | 0 | 0.634 | 1.16 |
| 2441 | 0 | 0.978 | 1.25 |
| 2480 | 0 | 0.932 | 1.24 |

Refer to 447498 25 D01 General RF Exposure Guidance v05 Appendix A,
you see that for Maximum Conducted AV Output Power 1.38 mW(<10mW), so no
SAR is required.