

# Appendix 5

## RF Exposure Information

**Maximum transmitter power:**

Frequency (MHz)	Maximum peak output power (dBm)	Output power (mW)
2404	3.6	2.28
2440	5.7	3.69
2476	6.0	3.96

**For FCC**

According to KDB 447498 D01:

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$   
for 1-g SAR and ≤7.5 for 10-g extremity SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

**Result:**

$$(2.28/5) \cdot \sqrt{2.404} = 0.71 < 3.0$$

$$(3.69/5) \cdot \sqrt{2.440} = 1.15 < 3.0$$

$$(3.96/5) \cdot \sqrt{2.476} = 1.25 < 3.0$$

**Conclusion:**

No SAR is required.