

Appendix 5 RF Exposure Information

FCC ID: 2A9TIOHBM



Maximum transmitter power:

Frequency (MHz)	Maximum peak output power (dBm)	Output power(mW)
2402	-7.09	0.195
2440	-5.69	0.269
2480	-6.29	0.234

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:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] $\cdot [\sqrt{f_{(GHz)}}] \leq 3.0$

for 1-g SAR and \leq 7.5 for 10-g extremity SAR,24 where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation25
- 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:

 $(0.195/5)*\sqrt{2.402} = 0.06 < 3.0$

 $(0.269/5)*\sqrt{2.440} = 0.08 < 3.0$

 $(0.234/5)*\sqrt{2.480} = 0.07 < 3.0$

Conclusion:

No SAR is required.