

Appendix 5

RF Exposure Information

FCC ID: 2AG7SHLW908A

Maximum transmitter power:

Frequency (MHz)	Maximum output power (dBuV/m)	Output power (mW)
2405	83.26	0.06355
2440	83.36	0.06503
2480	82.88	0.05822

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* \leq 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

- $f(\text{GHz})$ 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:

$$(0.06355/5) * \sqrt{2.405} = 0.0197 < 3.0$$

$$(0.06503/5) * \sqrt{2.440} = 0.0203 < 3.0$$

$$(0.05822/5) * \sqrt{2.480} = 0.0183 < 3.0$$

Conclusion:

No SAR is required.