

Per FCC KDB 447498 D01 General RF Exposure Guidance v06 Section 4.3.1

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ 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 calculation³¹
- The result is rounded to one decimal place for comparison

Device is in portable RF exposure category ($d < 20\text{cm}$ from body).

Maximum Average Conducted Output Power = $2.0\text{dBm} = 2\text{mW}$ (rounded to the nearest mW)

Separation distance = 5mm

Frequency = 2.48GHz

Result = $(2/5) \cdot \sqrt{2.48} = 0.63$

$0.63 \leq 3.0$

Therefore device complies with FCC RF radiation exposure limits for a portable device without SAR evaluation.