

11. RF EXPOSURE

FCC Part 15

Per KDB 447498 section 4.3.1 #(1), exclusion calculation for 2.45GHz at 5mm separation at 1-g SAR.

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

$[(0.2\text{mW})/(5\text{mm})] \cdot \sqrt{2.54\text{GHz}} = 0.064 < 3.0$ therefore SAR is excluded