

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 **(Eq.1)** below:

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

If result of Eq.1 is less than or equal to the exemption limits below, then corresponding SAR test is not required.

SAR Test Configuration	Exemption limit
1-g SAR	Result of Eq.1 ≤ 3.0
10-g extremity SAR	Result of Eq.1 ≤ 7.5

For our device, the parameters for consideration are as follows:

Frequency	Ghz	2.441
Time averaged power over entire band in hopping mode and using DH5 modulation as worst case.	dBm	3
Time averaged power over entire band in hopping mode and using DH5 modulation as worst case.	mW	1.995262
Antenna to body separation distance	mm	5
Result of Equation 1		0.623468

Conclusion: Therefore our device complies with FCC’s RF radiation exposure limits for general population without SAR evaluation.