

**For FCC Standalone SAR test exclusion considerations**

FCC ID: IHDT6QG1

Tunable Range	
F(GHz) Low	F(GHz) High
2.402	2.480

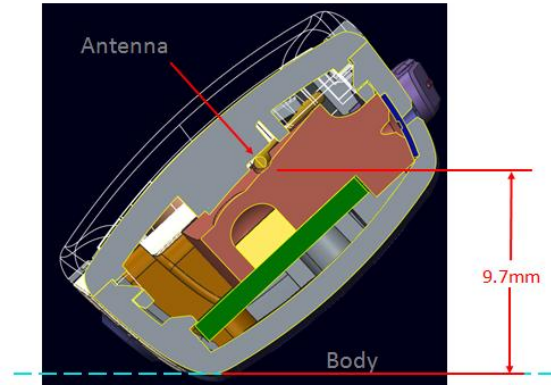
According to **KDB 447498 D01 General RF Exposure Guidance v05**

**4.3.1 Standalone SAR test exclusion considerations**

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:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$

The closest point of the antenna to the user is 9.7mm (see photo below).



Based on the Maximum measured transmitter power:

Pout Conducted (dBm)	Maximum Antenna Gain (dBi)	Pout EIRP (mW)
8.0	2.24	10.57

Maximum TX Power is 6.3 mW Conducted and 10.57 mW EIRP

$$[(6.3 \text{ mW} / 9.7 \text{ mm}) \cdot \sqrt{2.48(\text{GHz})}] = 1.02 < 3.0$$

Conclusion: Bluetooth SAR was not required



Steve Hauswirth  
Distinguished Member of the Technical Staff  
Motorola, Inc.