

For FCC Standalone SAR test exclusion considerations

FCC ID: H5D-1452G1

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:

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

Note: when the minimum test separation distance is  $<$  5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Based on the Maximum measured transmitter power:

Pout Conducted (dBm)	Maximum Antenna Gain (dBi)	Pout EIRP (mW)
5.66	1.8	5.57

Maximum TX Power is 3.68 mW Conducted and 5.57 mW EIRP

$[(5.57 \text{ mW}) / 5 \text{ mm}] \cdot \sqrt{2.480(\text{GHz})} = 1.75 < 3.0$

Conclusion: Bluetooth SAR was not required.