

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 ≤ 50 mm are determined by:

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