

For FCC Standalone SAR test exclusion considerations

FCC ID: AL8-BBS

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:

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

Max Average Power (dBm)	Maximum Antenna Gain (dBi)	Pout EIRP (mW)
7.42	2.17	9.11

Maximum TX Power is 5.52 mW Conducted and 9.11 mW EIRP

$[(9.11 \text{ mW}/5 \text{ mm}) \cdot \sqrt{2.441(\text{GHz})}] = 2.85 < 3.0$

Conclusion: Bluetooth SAR was not required.