

## RF Exposure Requirements

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Product Description: Bluetooth Device

Product Name: Bluetooth Music Module

Model No.: 24504225

FCC ID: 2AJ6F24504225

According to the KDB 447498 D01 v06 section 4.3.1 a), For 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$
 for 1-g SAR, and  $\leq 7.5$  for 10-g extremity SAR, 30 where

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

### For Bluetooth

Device category: Portable device

Maximum power of channel: 2402 MHz

Maximum Conducted Output Power: -3.162 dBm

Tune-up tolerance: 0 dBm

Minimum test separation distance: 5 mm

Calculation Result: 0.3

Limit: 3.0

Result is  $0.3 < 3.0$ , so the transmitter complies with the RF exposure requirements and the SAR is not required.