

RF Exposure Requirements

Product Description: Bluetooth Device

Product Name: Lyric Musical Bouncer

Model No.: 12122125

FCC ID: 2AJ6F12122125

According to the KDB 447498 D01 v06 section 4.3.1 a), For 100 MHz to 6 GHz and test separation distances ≤ 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 ≤ 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: -1.920 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.