

## RF Exposure Requirements

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Product Description: Bluetooth Headset

Model No.: EP-B52

FCC ID: 2AFHPEP-B52

According to the KDB 447498 D01 v06, 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, 16 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

### Bluetooth

Tx frequency range: 2402~2480MHz

Device category: Portable device (Distance: 5mm)

Maximum Conducted Output Power: 1.851dBm

Maximum Conducted Output Power: 1.53mW

Limit: 10mW

Source-based time-averaged Conducted output power is  $1.53\text{mW} < 10\text{mW}$

So the transmitter complies with the RF exposure requirements and the SAR is not required.