

## RF exposure information

**FCC ID.: RJE190688**

**Product name: MONSTER BLUETOOTH HEADPHONES**

**Models name: 190688, 190688-A, 190688-I**

### 1. Introduction:

This product is MONSTER BLUETOOTH HEADPHONES with Bluetooth function operated in 2402~2480 MHz frequency band.

### 2. Output power considerations:

Worst case output power: 5.811dBm = 3.812mW (at 2441MHz)

### 3. Compliance criteria:

According to 447498 D01 General RF Exposure Guidance v05 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:

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

Where:

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

Calculate:

$$(3.812/5) \cdot \sqrt{(2.441)} = 1.191 < 3 \text{ for 1g SAR}$$

Then SAR evaluation is not required.