

## RF exposure information

FCC ID: 2AFW2B020

### 1. Introduction:

The EUT is designed to be used in portable exposure conditions.

This product is a Bluetooth keyboard operated in 2402~2480 MHz frequency band.

### 2. Output power considerations:

Worst case output power: 2. 71dBm = 1.87mW (at 2402MHz)

### 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:

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

Calculate:

$$(1.87/5) \cdot \sqrt{2.402} = 0.58 < 3 \text{ for 1g SAR}$$

Then SAR evaluation is not required.