

## 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:

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

$f(\text{GHz})$  is the RF channel transmit frequency in GHz

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

Calculate:

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

Then SAR evaluation is not required.