RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Wireless Keyboard
Model Name	HD236-2
Series Model	HD236-3, HB236-2, HB236-3
FCC ID	2AKHJ-HD236-2

2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v06
The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 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

3. CALCULATION

2.4G:

P_t=-3.148dBm=0.484mW

The value of the Maximum output power P_t is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation SAR=(0.484mW /5mm) .[√2.441GHz)]=0.151<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

BLE:

P_t=0.106dBm=1.025mW

The value of the Maximum output power P_t is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation SAR=(1.025mW /5mm) .[√2.480GHz)]=0.32<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.