RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Multi-mode wireless keyboard
Model Name	E6050M
Series Model	E9500M, E9100M
FCC ID	PP23079

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

2.4GHz:

P_t=-0.984dBm=0.80mW

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=(0.80mW / 5mm).[√2.402GHz)]=0.248<3.0 for

BLE:

P_t=0.042dBm=2.28mW

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=(2.28mW / 5mm).[√2.480GHz)]=0.013<3.0 for

4. CONCLUSION

The SAR evaluation is not required.

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