

**RF EXPOSURE EVALUATION****1. PRODUCT INFORMATION**

Product Description	SMART WATCH
Test Model	SW06
FCC ID	2A4QK-SW06

**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  $\leq$  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

**3. CALCULATION**

BLE

$Pt=4.714\text{dBm}=2.96\text{mW}$

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

The result for RF exposure evaluation  $\text{SAR}=(2.96\text{mW}/5\text{mm}) \cdot [\sqrt{2.480(\text{GHz})}]=0.93<3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

**4. CONCLUSION**

The SAR evaluation is not required.

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