

## RF EXPOSURE EVALUATION

# 1. PRODUCT INFORMATION

Product Description	Wireless Headphone
Model Name	A3919LC
FCC ID	2AOKB-A3919LC

### 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)]  $\cdot [\sqrt{f(GHz)}] \le 3.0$  for 1-g SAR and  $\le 7.5$  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

#### **BR/EDR:**

P<sub>t</sub>=7.895dBm=6.16mW

The value of the Maximum output power P<sub>t</sub> is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation SAR= $(6.16\text{mW} / 5\text{mm}) \cdot [\sqrt{2.480\text{GHz}}]=1.93<3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

#### BLE:

P<sub>t</sub>=6.759dBm=4.74mW

The value of the Maximum output power P<sub>t</sub> is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation SAR=(4.74 mW / 5 mm) .[ $\sqrt{2.480 \text{GHz}}$ )]=1.49<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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