

## **RF EXPOSURE EVALUATION**

1. PRODUCT INFORMAT	TION		
Product Description	Wireless Headphone	©	
Model Name	A3939L	<b>Nor</b>	20°
FCC ID	2AOKB-A3939L	00	

## 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:

[(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:

Pt=8.209dBm=6.621mW

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=(6.621mW /5mm) .[ $\sqrt{2.402GHz}$ )]=2.052<3.0 for 1-g SAR and  $\leq$  7.5 for 10-g extremity SAR.

BLE:

P<sub>t</sub>=0.537dBm=1.132mW

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=(1.132mW /5mm) .[ $\sqrt{2.402GHz}$ )]=0.351<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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