

# **RF EXPOSURE EVALUATION**

_	1. PRODUCT INFORMAT	ION		SC SC
	Product Description	Wireless Headphone	0	
	Model Name	A3930R	AGC	NOC V
	FCC ID	2AOKB-A3930R	0 <sub>0</sub> 0	

# 2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v05

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:

P<sub>t</sub>=6.455dBm=4.42mW

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=(4.42mW /5mm) .[ $\sqrt{2.441GHz}$ ]=1.38<3.0 for 1-g SAR and  $\leq$  7.5 for 10-g extremity SAR.

BLE:

### Pt=-2.323Bm=0.59mW

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=(0.59mW /5mm) .[ $\sqrt{2.440GHz}$ )]= 0.18<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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