

# RF EXPOSURE EVALUATION

#### 1. PRODUCT INFORMATION

Product Description	Hybrid Active Noise Cancellation Earbuds
Model Name	ANC-861
FCC ID	2AG68-ANC-861

#### 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:

Pt= 0.868dBm=1.22mW

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=(1.22mW /5mm) .[ $\sqrt{2.402}$ GHz)]=0.38<3.0 for 1-g SAR and  $\leq$  7.5 for 10-g extremity SAR.

BLE:

Pt= -0.590dBm=0.87mW

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=(0.87mW / 5mm). [ $\sqrt{2.402\text{GHz}}$ )]= 0.27<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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