# RF EXPOSURE EVALUATION

### 1. PRODUCT INFORMATION

| Product Description | microphone  |
|---------------------|-------------|
| Model Name          | WMU96       |
| FCC ID              | 2AXSC-WMU96 |

# 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 ≤ 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

According to the follow transmitter output power (Pt) formula:

Pt=-5.88dBm=3.87mW

The result for RF exposure evaluation SAR=  $(3.87\text{mW} / 5\text{mm}) . [\sqrt{0.5903}(\text{GHz})] = 0.595 < 3.0 \text{ for } 1-\text{g SAR}$ 

### 4. CONCLUSION

The SAR evaluation is not required.