

# RF EXPOSURE EVALUATION

## PRODUCT INFORMATION

Product Description	Bluetooth Speaker
Model Name	SW-LAMASPK, SW-SLOTHSPK, SW-NARSPK, SW-BURGSPK
FCC ID	2AHHENEWMNSPKER

#### 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)]  $[\sqrt{f(GHz)}] \le 3.0$  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

Pt=-0.222dBm=0.95mW

The value of the Maximum output power Pt is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation SAR=(0.95mW /5mm) .[√2.402(GHz)]= 0.29<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

## 4. CONCLUSION

The SAR evaluation is not required.



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