RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Wireless Animal Speaker
Model Name	SW-UNISPK, SW-PENSPK, SW-FOXSPK, SW-DOGSPK, SW-PANSPK
FCC ID	2AHHEMISPEAKERS

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)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 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

P_t=2.277dBm=1.69mW

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=(1.69mW /5mm) .[√2.48(GHz)]= 0.53<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

 The SAR evaluation is not required.