RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Bluetooth Handset
Test Model	CABERG PRO SPEAK EVO
Series Model	MIDLAND SPECIFIC HEADSET, SHARKTOOTH PRIME
FCC ID	K6M-SPEAK

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)] $\cdot[\sqrt{f(GHz)}]$ ≤ 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=3.344dBm=2.16mW

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=(2.16mW /5mm) .[$\sqrt{2.480GHz}$)]=0.68<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.