RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Bluetooth headset
Model Name	M102
Series Model	M9A, HP30, DBTHEAD30X, Linktalk 300, BH-M9A, M100, M106, M99+, M101, KH-23, M103, BH-M20C, BH-M97, M105, M108, M106, BH-M91, M107, K1, K1 Pro
FCC ID	WSG-M102

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)] ·[√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

BR&EDR:

P_t=0.851dBm=1.22mW

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=(1.22mW / 5mm).[√2.402GHz)]=0.378<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.