RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Bluetooth Headset
Model Name	MZX008, MZX008-BLK-BUR, MZX008-RED-BUR, MZX008-WHT-BUR, MZX008-RYB-BUR, BT-1300, BT-1060F, BT-1090P, BT-1090, BT-1060, BT-1100F, BT-1300F, BT-2020, BT-685, BT-686, BT-1108, BT-261, BT-1066, BT-1069, BT-1070, BT-1080, BT-1050, BT-597, BT-680, BT-222, BT-222F, BT-235, BT-102
FCC ID	2ALHZBT-1300

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= -5.13dBm=0.31mW

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=(0.31mW /5mm) .[√2.441(GHz)]= 0.10<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.