RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	2-IN-1 Wireless Speaker & Earbuds
Test Model	NOR-EBSK-GRN
Series Model	NOR-EBSK, NOR-EBSK-XXX, EW-EBSK-GRN, EW-EBSK, EW-EBSK-XXX
FCC ID	2AANZEBSK-S

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
Pt=3.585dBm=2.28mW
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=(2.28mW /5mm) .[√2.480(GHz)]= 0.716<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

BLE
Pt=2.989dBm=1.99mW
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=(1.99mW /5mm) .[√2.480(GHz)]= 0.625<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.