RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Soundcore Icon+
Model Name	A3123
FCC ID	2AOKB-A3123

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

BR/EDR:
P_t=2.845dBm=1.93mW

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= (1.93mW /5mm).[√2.48(GHz)]= 0.61<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

BLE:
P_t=1.508dBm=1.42mW

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= (1.42mW /5mm).[√2.48(GHz)]= 0.44<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.