RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	bluMe Duo
Model Name	AU08
FCC ID	2ABCJAU08

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

BLE:
Pt=-2.927dBm=0.51mW
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=(0.51mW /5mm) .[√2.44(GHz)]= 0.16<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

BR/EDR:
Pt=-3.315dBm=0.47mW
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=(0.47mW /5mm) .[√2.441(GHz)]= 0.15<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.

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