RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	wireless hands free car kit
Model Name	BTFMPD3SR, BTFMPD3SR-SP, BTFMPD3SR-SP1, BTFMPD2
FCC ID	IKQBTFMPD32

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

P_t=-4.198dBm=0.38mW

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=(0.38mW /5mm) .[√2.441GHz)]=0.12<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

FM:
The FM transmitting field strength is much smaller than the SAR exempt power requirement, and it meets the requirement by default without calculation and evaluation

4. CONCLUSION

The SAR evaluation is not required.

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