RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Wireless Earphone
Model Name	PT-600
Series Model	Ore, FreePods-3, Ambrane Dots Dew, VK-1151
FCC ID	2AWQU-PT-600

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

Left:

P_t=1.456dBm=1.40mW

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=(1.40mW / 5mm).[√2.480GHz)]=0.44<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

Right:

P_t=0.321dBm=1.08mW

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=(1.08mW / 5mm).[√2.480GHz)]=0.34<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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