

RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	LEDEEZ 2PK BT BULB
Test Model	LE-SWBU
Series Model	LE-SWBU-2PK-MLT, LE-SWBU-MLT, LE-SWBU-2PK-XXX, LE-SWBU-XXX
FCC ID	2AANZSWBU

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 \leq 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance,

mm)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ 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

Pt=3.885dBm=2.446mW

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=(2.446mW / 5mm).[$\sqrt{2.440}$ GHz)]=0.76<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

CONCLUSION

The SAR evaluation is not required.

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