

RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

| Product Description | Wireless KARAOKE TO-GO - SPEAKER MIC |
|---------------------|--|
| Model Name | HY-KSM-GLD |
| Series Model | HY-KSM-BLK, HY-KSM-SLV, HY-KSM, HY-KSM-XXX |
| FCC ID | 2AANZHYSKM |

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

BLE:

Pt=-3.604dBm=0.44mW

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=(0.44mW /5mm) .[$\sqrt{2.440(GHz)}$]= 0.14<3.0 for 1-g SAR and \leq 7.5 for 10-g extremity SAR.

BR/EDR:

Pt=-2.405dBm=0.57mW

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=(0.57mW /5mm) .[$\sqrt{2.441(GHz)}$]= 0.18<3.0 for 1-g SAR and \leq 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.

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