# FCC RF Exposure

EUT Description: Wireless karaoke speaker
Model No.: UZ-DBK01
FCC ID: **2A22V-UBDBK01**

1. Limits

According to KDB 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:
Result=P/D* √ F
F= the RF channel transmit frequency in GHz
P=Maximum turn－up power in mw
D=Min. test separation distance in mm

2. Test Result of RF Exposure Evaluation

| | Output power （dBm） | Tune Up Power （dBm） | Max Tune Up power dBm/mW | Min test separation distance mm | Result | Limit | SAR Test Exclusion |
|---|---|---|---|---|---|---|---|
| BT | -7.216 | -8±1 | -7/0.2 | 5 | 0.06233 | 3.0 | Pass |
| Note:<br>PK Output power= conducted power.<br>Conducted power see the test report **HK2108263143-E**, antenna gain=0dBi | | | | | | | |

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 0.06233 which is<= 3, RF Exposure testing is not required.

Note: Exclusion Thresholds Results=[ (*max. power of channel, including tune-up tolerance, mW*) / (*min. test separation* distance, mm)] • [ √ f(GHz)]
f(GHz) is the RF channel transmit frequency in GHz
Distance=5mm