# FCC RF Exposure

EUT Description: EYE MASSAGER
Model No.: FJ256B
FCC ID: 2BK3D-FJ256B

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

| | Frequency (MHz) | Output power (dBm) | Tune Up Power (dBm) | Max Tune Up power (dBm/mW) | Min test separation distance (mm) | Result | Limit ($mW/cm^2$) | SAR Test Exclusion |
|---|---|---|---|---|---|---|---|---|
| EDR | 2402 | 2.10 | 2±1(3) | 1.995 | 5 | 0.618 | 3.0 | Pass |
| BLE | 2402 | 1.34 | 1±1(2) | 1.585 | 5 | 0.491 | 3.0 | Pass |
| Note:<br>PK Output power= conducted power.<br>Conducted power see the test report HK2409025057-1E/2E, antenna gain=-0.58dBi<br>EDR and BLE cannot be transmitted at the same time. | | | | | | | | |

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 0.618 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*)] ·[$\sqrt{f_{(GHz)}}$]

$f_{(GHz)}$ is the RF channel transmit frequency in GHz

Distance=5mm