# RF EXPOSURE EVALUATION

## 1. PRODUCT INFORMATION

| | |
|---|---|
| Product Description | KLIM Boombox |
| Model Name | KLIM Boombox B4 |
| Series Model | KLIM Boombox, KLIM Boombox B3, KLIM Boombox B5, KLIM Candy, KLIM Tunes, KLIM Boombox B6, KLIM Boombox B7, KLIM Boombox B8, KLIM Boombox B9, KLIM Boombox B10, KLIM Boombox B11, KLIM Boombox B12, KLIM Boombox B13, KLIM Boombox B14, KLIM Boombox B15, KLIM Boombox B16, KLIM Boombox B17, KLIM Boombox B18, KLIM Boombox B19, KLIM Boombox B20 |
| FCC ID | 2AWM4KLIMBOOMBOX |

## 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

$P_t$= -0.693dBm=0.85mW

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=(0.85mW / 5mm).[√2.402GHz)]=0.26<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

## 4. CONCLUSION

The SAR evaluation is not required.