



## RF EXPOSURE EVALUATION

### 1. PRODUCT INFORMATION

Product Description	LINK True Wireless Earphones
Model Name	MA-3050
Series Model	MA-3050SB, MA-3050FB, MA-3050MB, MA-3050BW, MA-3050BP, MA-3050PW, MA-3050SG, MA-3050XX, MA-3050AXX, MA-3050ZXX (Remark: 1ST X = A-Z, 2nd X =A-Z)
FCC ID	2ADM5-MA-3050

### 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:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

Where  $f(\text{GHz})$  is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

### 3. CALCULATION

BR&EDR:

$$P_t = 2.291 \text{ dBm} = 1.69 \text{ mW}$$

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  $\text{SAR} = (1.69 \text{ mW} / 5 \text{ mm}) \cdot [\sqrt{2.480 \text{ GHz}}] = 0.531 < 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

BLE:

$$P_t = 1.629 \text{ dBm} = 1.46 \text{ mW}$$

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  $\text{SAR} = (1.46 \text{ mW} / 5 \text{ mm}) \cdot [\sqrt{2.480 \text{ GHz}}] = 0.458 < 3.0$  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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