



## RF EXPOSURE EVALUATION

### 1. PRODUCT INFORMATION

|                     |                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Bluetooth Earphone                                                                                                                                                                                                                                                     |
| Model Name          | BT969, BT979, BT979C, BT969C, BT979AC, BT969AC, TWS24, BT989, RV11110, BT971, BT972, BT973, BT974, BT961, BT964, 30103837, 30095696, 30098284, BT969B, BT969W, BT979B, BT979W, BT989B, BT989W, BT979PK, BT979BTC, BT979BK, BT979WH, BT979AB, BT979AW, BT969DG, FDBT969 |
| FCC ID              | 2ACP4-BT979                                                                                                                                                                                                                                                            |

### 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

$P_t = -2.999\text{dBm} = 0.51\text{mW}$

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  $\text{SAR} = (0.51\text{mW} / 5\text{mm}) \cdot [\sqrt{2.48(\text{GHz})}] = 0.16 < 3.0$  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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