

## RF EXPOSURE EVALUATION

### 1. PRODUCT INFORMATION

Product Description	wireless earbuds
Model Name	EP-T21S, EP-N5, EP-N6, EP-N7, EP-N8, EP-N9, EP-N10, EP-T10, EP-T16S, EP-T21, EP-T20, EP-T25, EP-T26, EP-T27, EP-T28, EP-T29, EP-T30, EP-T31, EP-T32, EP-T33, EP-T34, EP-T35, EP-T36, EP-T37, EP-T38, EP-T39, EP-T40, EP-B52, EP-B40S, EP-B56
FCC ID	2ATIH-EPT21S

### 2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v05

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:

$$P_t = 7.078 \text{ dBm} = 5.1 \text{ mW}$$

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  $\text{SAR} = (5.1 \text{ mW} / 5 \text{ mm}) \cdot [\sqrt{2.402 \text{ GHz}}] = 1.581 < 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR.

### 4. CONCLUSION

The SAR evaluation is not required.