RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	True wireless earbuds
Model Name	TWS-X9J, TWS-P8, TWS-Q8, TWS-S9, TWS-i7C, TWS-i7A, TWS-i7D, TWS-X9CL, TWS-P9PLUS, TWS-i9A, TWS-i9B, TWS-X9S, TWS-X9H, TWS-P10S, TWS-D10S, TWS-i7XSP
FCC ID	2AOQKTWS-X9J

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 ≤ 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=2.964dBm=1.98mW

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=(1.98mW/5mm) .[√2.441(GHz)]= 0.61<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.