RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Smart Kitchen Scale
Model Name	KP2048B, KT630LB, KT655LB, KT652LB, KG651LB, KG652LB, KP1944B, KT720B, KT620B, KP1944B-A, KP1944B-B, KB1946LB, KB1941LB, KP710B, KB651LB, KG654LB, KT2054LB, KP2052LB, KP2053LB
FCC ID	2AP3Q-KP2048B

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=-4.139dBm=0.39mW

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=(0.39mW /5mm) .[√2.402GHz)]= 0.12<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.