RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Smart Skipping rope/jump rope
Model Name	RS1952ULB, RS1949ULB, RS1950ULB, RS1951ULB, RS2046ULB, RS2047ULB, Piu, RS1949B-A, DOS189
FCC ID	2AP3Q-RS32ULB

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)] ·[$\sqrt{f(GHz)}$] ≤ 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

BLE:

P_t= -3.722dBm=0.42mW

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=(0.42mW /5mm) .[$\sqrt{2.480GHz}$)]= 0.13<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.