RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	HOVER-1 - MAX - SELF-BALANCING HOVERBOARD
Model Name	H1-MAX-NVY-20G
FCC ID	2AANZMAX2

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

BR/EDR:

P_t= 2.619dBm=1.83mW

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=(1.83mW /5mm) .[√2.402GHz)]=0.567<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

BLE:

P_t= 1.862dBm=1.54mW

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=(1.54mW /5mm) .[√2.402GHz)]= 0.477<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

BR/EDR + BLE:

P_t= 3.37mW

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=(3.37mW /5mm) .[√2.402GHz)]= 1.0447<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.