

RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

| Product Description | HOVER-1 – RANGER+ HOVERBOARD |
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| Model Name | H1-RNG+, H1-RNG+-BLK, H1-RNG+-XXX, DSA-RNG+, DSA-RNG+-BLK, DSA-RNG+-XXX, DSA-AH-RNG+, DSA-AH-RNG+-BLK, DSA-AH-RNG+-XXX |
| FCC ID | 2AANZRNGPLUS |

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)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ 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

BT (BLE):

Pt=-2.822dBm=0.52mW

The value of the Maximum output power Pt is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation SAR=(0.52mW / 5mm) .[$\sqrt{2.402}(\text{GHz})$]= 0.16<3.0 for 1-g SAR and \leq 7.5 for 10-g extremity SAR.

BT (BR/EDR):

Pt=-0.570dBm=0.88mW

The value of the Maximum output power Pt is referred to the test report of the CFR47 §15.247.

The result for RF exposure evaluation SAR=(0.88mW /5mm) .[$\sqrt{2.402}$ (GHz)]= 0.27<3.0 for 1-g SAR and \leq 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.

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