RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	HOVER-1 FOLDING ELECTRIC SCOOTER
Model Name	H1-ALPHA, H1-ALPHA-20G, H1-ALPHA-RED-20G, H1-ALPHA-BLU-20G, H1-ALPHA-YLW-20G, H1-ALPHA-GRY-20G, H1-ALPHA-BLK-20G, H1-ALPHA-XXX-20G, DSA -ALPHA-RED-20G, DSA-ALPHA-BLU-20G, DSA-ALPHA-YLW-20G, DSA-ALPHA-GRY-20G, DSA-ALPHA-BLK-20G, DSA-ALPHA-XXX-20G, DSA-ALPHA-20G, SA-AH-ALPHA-RED-20G, DSA-AH-ALPHA-BLU-20G, DSA-AH-ALPHA-YLW-20G, SA-AH-ALPHA-GRY-20G, DSA-AH-ALPHA-BLK-20G, SA-AH-ALPHA-XXX-20G, DSA-AH-ALPHA-20G, H1-ALPRO, H1-ALPRO-BLK, H1-ALPRO-XXX, DSA-ALPRO, DSA-ALPRO-BLK, DSA-ALPRO-XXX, DSA-AH-ALPRO, DSA-AH-ALPRO-BLK, DSA-AH-ALPRO-XXX
FCC ID	2AANZALPHA20G

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=5.656dBm=3.68mW

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=(3.68mW /5mm) .[√2.48(GHz)]= 1.16<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.