RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	HOVER -1 FOLDING ELECTRIC SCOOTER
Model Name	H1-ALPHA-BLK, H1-ALPHA, H1-ALPHA-XXX, H1-ALPHA-21M, H1-ALPHA-RED-21M, H1-ALPHA-BLU-21M, H1-ALPHA-YLW-21M, H1-ALPHA-GRY-21M, H1-ALPHA-BLK-21M, H1-ALPHA-WHT-21M, H1-ALPHA-XXX -21M, DSA-ALPHA-21M, DSA -ALPHA-RED-21M, DSA-ALPHA-BLU-21M, DSA-ALPHA-YLW-21M, DSA-ALPHA-GRY-21M, DSA-ALPHA-BLK-21M, DSA-ALPHA-WHT-21M, DSA-ALPHA-XXX-21M, DSA-AH-ALPHA-21M, DSA-AH-ALPHA-RED-21M, DSA-AH-ALPHA-BLU-21M, DSA-AH-ALPHA-YLW-21M, DSA-AH-ALPHA-GRY-21M, DSA-AH-ALPHA-BLK-21M, DSA-AH-ALPHA-XXX-21M
FCC ID	2AANZALPHA21M

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
BLE:
Pt=-9.010dBm=0.13mW
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=(0.13mW /5mm) .[√2.440(GHz)]= 0.04<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

BR/EDR:
Pt=-6.577dBm=0.22mW
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=(0.22mW /5mm) .[√2.441(GHz)]= 0.07<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

  The SAR evaluation is not required.