7. RF Exposure Requirements

7. 1 Test Equipment

Please refer to Section 10 this report.

7. 2 Limit

According to FCC 15.247(e)(i) and FCC 1.1307(b)(1), Systems operating under provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commissions guidelines.
According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds 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

Frequency Range		Maximum measured transmitter power frequency(MHz)	SAR Limitation (mW)
Low Frequency(MHz)	High Frequency(MHz)		
2402	2480	2440	3.0

7. 3 Test Result

Product	: ELECTRIC BALANCE SCOOTER	Test Mode	: Bluetooth 4.2 LE
Test Item	: RF Exposure	Temperature	: 25 ℃
Test Voltage	: DC 36V	Humidity	: 56%RH
Test Result	: **PASS**		

RF Exposure Requirements	Compliance with FCC Rules
EIRP=PxG Where: P=Power input to antenna G=Power gain of the antenna relative to an isotropic radiator	The maximum tune-up limit power is 1.11mW@ 2.440GHz Prediction distance: 5mm [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] • [√ f(GHz)] =0.35≤3.0 Conclusion: No SAR is required.