FCC Test Report

Applicant's name	:	Invanti (Beijing) Technology Co., Ltd.
Address	:	Building 1, Yard 2, Ronghua South Road, Beijing Economic and Technological Development Zone, 2004, Beijing, 100176, China
Manufacture's Name	:	Invanti (Beijing) Technology Co., Ltd.
Address	:	Building 1, Yard 2, Ronghua South Road, Beijing Economic and Technological Development Zone, 2004, Beijing, 100176, China
Product description		
Trader mark	:	N/A
Product Name:	:	Electric Scooter
Model and/or type reference	:	F01
Serial Model	:	N/A
Rating(s)	:	DC36V, 350W
Standards	:	FCC 47CFR § 2.1093 447498 D01General RF Exposure Guidance v06
FCC ID	:	2BG9J-F01

The EUT described above has been tested by us with the listed standards and found in compliance with the FCC requirements. It is possible to use FCC marking to demonstrate the compliance with this FCC requirements.

Note:This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen VOP Testing Technology Co., Ltd. is acknowledged as copyright owner and source of the material. Shenzhen VOP Testing Technology Co., Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

Date of Test

Date (s) of performance of tests	:	2026-03-31 ~ 2026-04-25
Date of Issue	:	2026-04-25
Test Result	:	**Pass**

Prepared by: Jide Huang
Project Engineer

Reviewed by: Eason Zhou
Project Supervisor

Approved by: Jason Yu
Technical Director

REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	2026-04-25	Valid	Initial Release

Contents

Contents 3
1. TEST SUMMARY 4
2. TEST FACILITY 4
2.1. Deviation from Standard 4
2.2. Abnormalities from Standard Conditions 4
3. GENERAL INFORMATION 5
3.1. General Description of EUT 5
3.2. EUT Test Mode 5
3.3. Auxiliary Equipment Used During Test 5
4. TEST RESULTS 6
4.1. Radiofrequency radiation exposure evaluation: portable device 6
4.1.1. Conclusion: 7

1. TEST SUMMARY

No.	Test Item	Basic Standard	Requirement	Result
1	Radiofrequency radiation exposure evaluation:portable device	Radiofrequency radiation exposure evaluation	FCC 47CFR § 2.1093	PASS

2. TEST FACILITY

Shenzhen VOP Testing Technology Co., Ltd.
Add:103, Building 5, Wanyan Industrial Park Qiaotou Community, Fuhai Street, Baoan District Shenzhen, Guangdong People's Republic of China
FCC :Designation Number:CN1438,Certificate Number: 7579.01

2.1. Deviation from Standard

None

2.2. Abnormalities from Standard Conditions

None

3. GENERAL INFORMATION

3.1. General Description of EUT

Manufacturer:	Invanti (Beijing) Technology Co., Ltd.
Manufacturer Address:	Building 1, Yard 2, Ronghua South Road, Beijing Economic and Technological Development Zone, 2004, Beijing, 100176, China
EUT Name:	Electric Scooter
Model No:	F01
Serial Model:	N/A
Brand Name:	N/A
Difference Description:	N/A

3.2. EUT Test Mode

TM1	TX mode
Note:All above mode have been measurement, only worst data was reported.	

3.3. Auxiliary Equipment Used During Test

No.	Equipment	Manufacturer	Model No.	Serial No.	Remark
1	N/A	N/A	N/A	N/A	N/A

4. TEST RESULTS

4.1. Radiofrequency radiation exposure evaluation: portable device

Test Requirement:	47 CFR Part 2.1093
Test Limit:	Follow the maximum permissible exposure (MPE) limits specified in 447498 D04 Interim General Radio Frequency Exposure Guidelines v01. The gain of the antenna used in the product was extracted from the supplied antenna data sheet and the maximum total power input to the antenna was also measured. Calculate the distance from the product to the MPE limit by the formula. SAR-based thresholds are derived based on frequency, power, and separation distance of the RFsource. The formula defines the thresholds in general for either available maximum time-averaged power or maximum time-averaged ERP, whichever is greater.If the ERP of a device is not easily determined, such as for a portable device with a small formfactor, the applicant may use the available maximum time-averaged power exclusively if thedevice antenna or radiating structure does not exceed an electrical length of M/4.As for devices with antennas of length greater than M/4 where the gain is not well defined, butalways less than that of a half-wave dipole (length M2), the available maximum time-averagedpower generated by the device may be used in place of the maximum time-averaged ERP, wherethat value is not known.The separation distance is the smallest distance from any part of the antenna or radiatingstructure for all persons, during operation at the applicable ERP. In the case of mobile orportable devices, the separation distance is from the outer housing of the device where it isclosest to the antenna.The SAR-based exemption formula of $ 1.1307(b)(3)(i)(B), repeated here as Formula (B.2),applies for single fixed, mobile, and portable RF sources with available maximum time-averagedpower or effective radiated power (ERP), whichever is greater, of less than or equal to thethreshold Pa (mW).This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequenciesfrom 0.3 GHz to 6 GHz (inclusive). Pa is given by Formula (B.2). 11/29/2021 $$P_{\text{th}}\ (\text{mW}) = \begin{cases} ERP_{20\ \text{cm}}(d/20\ \text{cm})^{x} & d \le 20\ \text{cm} \\ ERP_{20\ \text{cm}} & 20\ \text{cm} < d \le 40\ \text{cm} \end{cases} \quad \text{(B.2)}$$ where $$x = -\log_{10}\left(\frac{60}{ERP_{20\ \text{cm}}\sqrt{f}}\right)$$

and f is in GHz, d is the separation distance (cm), and ERP_{20cm} is per Formula (B.1).
The example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

Frequency (MHz)	Distance (mm)									
	5	10	15	20	25	30	35	40	45	50
300	39	65	88	110	129	148	166	184	201	217
450	22	44	67	89	112	135	158	180	203	226
835	9	25	44	66	90	116	145	175	207	240
1900	3	12	26	44	66	92	122	157	195	236
2450	3	10	22	38	59	83	111	143	179	219
3600	2	8	18	32	49	71	96	125	158	195
5800	1	6	14	25	40	58	80	106	136	169

4.1.1. Conclusion:

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	EIRP		ERP		SAR exemption limit(mW)
	dBm	mW			dBm	mW	dBm	mW	
BLE	-13.2	0.05	1.7	1.479	-11.5	0.071	-13.65	0.043	2.75

Note: The calculated ERP exposure value (0.043 mW) is less than the SAR exemption limit (2.75 mW), so the device complies with the RF exposure exemption requirements per KDB Publication 447498 D04 Interim General RF Exposure Guidance v01.

End of the report