


RF EXPOSURE REPORT

Report No.: DDT-B23070310-2E04

Applicant	:	Ninebot (Changzhou) Tech Co., Ltd.
Address	:	16F-17F, Block A, Building 3, Changwu Mid Road 18#, Wujin Dist., Changzhou, Jiangsu, China
Equipment under Test	:	Ninebot eKickScooter E2 Pro
Model No.	:	051405U
Trade Mark	:	 ninebot
FCC ID	:	2ALS8-KS0018
Manufacturer	:	Ninebot (Changzhou) Tech Co., Ltd.
Address	:	16F-17F, Block A, Building 3, Changwu Mid Road 18#, Wujin Dist., Changzhou, Jiangsu, China

Issued By: Tianjin Dongdian Testing Service Co., Ltd.

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TEST REPORT DECLARE

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Standard Used: KDB447498 D01 General RF Exposure Guidance v06

We Declare:

The equipment described above is assessed by Tianjin Dongdian Testing Service Co., Ltd and in the configuration assessed the equipment complied with the standards specified above. The assessed results are contained in this report and Tianjin Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these assess.

After evaluation, our opinion is that the equipment In Accordance with above standard.

Report No:	DDT-B23070310-2E04		
Date of Receipt:	Jul. 03, 2023	Date of Test:	Jul. 03, 2023 ~ Aug. 10, 2023

Prepared By:

Sunny Zhang

Sunny Zhang/Engineer

Approved By:

Aaron Zhang

Aaron Zhang/Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Tianjin Dongdian Testing Service Co., Ltd.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Revision history

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Aug. 10, 2023	

1. General information

1.1. Description of Equipment

EUT* Name	: Ninebot eKickScooter E2 Pro
Model Number	: 051405U
EUT Function Description	: Please reference user manual of this device
Power Supply	: DC 36V by Polymer Li-ion built-in battery
Radio Specification	: Bluetooth V5.1
Operation Frequency	: 2402 MHz - 2480 MHz
Modulation	: GFSK
Data Rate	: 1 Mbps
Antenna Type	: PCB antenna, maximum PK gain: -1.26 dBi
Exposure category	: General population/uncontrolled environment
Device Type	: Portable Device
Maximum tune-up tolerance	: 2 dB

1.2. Assess laboratory

Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area, Tianjin, China.

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NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

2. RF Exposure evaluation for FCC

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:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where:

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

Max Turn-up PK power: 3dBm

Worse case is as below: [2480MHz, 3 dBm, 2 mW) output power]

$(2/5) \cdot [\sqrt{2.480(\text{GHz})}] = 0.63 < 3.0$ for 1-g SAR

Conclusion: The measurement results comply with the FCC Limit per 47 CFR 2.1093 for the uncontrolled RF Exposure of portable device.

END OF REPORT