

RF EXPOSURE REPORT

Applicant	:	Ninebot (Changzhou) Tech Co., Ltd.		
Address	:	16F-17F, Block A, Building 3, No.18, Changwu Mid Rd,Wujin Dist., Changzhou, Jiangsu, China.		
Equipment under Test	:	Segway eKickScooter Ninebot E3	Segway eKickScooter Ninebot E3 Pro	Segway eKickScooter Ninebot E3 Pro SE
Model No.	:	051901U	051902U	051902USE
Trade Mark	:	 SEGWAY		
FCC ID	:	2ALS8-KS0021		
Manufacturer	:	Ninebot (Changzhou) Tech Co., Ltd.		
Address	:	16F-17F, Block A, Building 3, No.18, Changwu Mid Rd Wujin Dist., Changzhou, Jiangsu, China.		

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

Address: Phase II, No.16 Runsheng Road, Suzhou Industrial Park, Suzhou,
People's Republic of China.

Tel: +86-0512-62531270, E-mail: ddt@dgddt.com, <http://www.ddttest.com>



REPORT

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TEST REPORT DECLARE

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Standard Used: KDB447498 D04 General RF Exposure Guidance v01

We Declare:

The equipment described above is assessed by Suzhou 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 Suzhou 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-B24103106-3E02		
Sample No:	Y24103106-02		
Date of Receipt:	Jan. 07, 2025	Date of Test:	Feb. 14, 2025~ Mar. 03, 2024

Prepared By:

Bacon Dong

Bacon Dong/Engineer

Reviewed By:

leon wu

Leon Wu/Director

Authorized By:

Chris Zhong

Chris Zhong/EMC
Manager

Note:

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

The results reported herein have been performed in accordance with the laboratory's terms of accreditation.

This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products.

This report does not imply that the product(s) has met the criteria for certification.

Revision history

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Mar. 03, 2025	

1. General information

1.1. Description of Equipment

EUT* Name	:	Segway eKickScooter Ninebot E3	Segway eKickScooter Ninebot E3 Pro	Segway eKickScooter Ninebot E3 Pro SE
Model Number	:	051901U	051902U	051902USE
Hardware Version	:	E3 PRO_ESU	E3 PRO_ESU	E3 PRO_ESU
Software Version	:	V1.2.4	V1.2.4	V1.2.4
EUT function description	:	Please reference user manual of this device		
Power supply	:	DC 47V 1.7A From Adapter		
Radio Technology	:	BLE		
Operation frequency	:	2402MHz-2480MHz		
Modulation	:	GFSK		
Transmitter rate	:	1Mbps		
Antenna Type	:	PCB Antenna		
Exposure category	:	General population/uncontrolled environment		
Device Type	:	Mobile Device		
Antenna Gain	:	-1.26dBi (Declare by customer and the lab isn't responsible for the value)		
Target power and tolerance	:	BLE: -10±2dBm		

1.2. Assess laboratory

Lab Information	Company Name: Suzhou Dongdian Testing Service Co., Ltd. Address: Phase II, No.16 Runsheng Road, Suzhou Industrial Park, Suzhou, People's Republic of China Tel: +86-0512-62531270, E-mail: ddt@dgddt.com, http://www.ddttest.com
Accreditation Certificate	A2LA (Certificate No.: 7346.01) Suzhou Dongdian Testing Service Co., Ltd. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1397) Suzhou Dongdian Testing Service Co., Ltd. has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. IC (IC Designation No.: 32952; CAB No.:CN0182) Suzhou Dongdian Testing Service Co., Ltd. has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules.
Note 1: All tests measurement facilities use to collect the measurement data are located at Phase II, No.16 Runsheng Road, Suzhou Industrial Park, Suzhou, People's Republic of China Note 2: For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. These measurements below 30MHz had been correlated to measurements performed on an OFS. Note 3: The test anechoic chamber in Suzhou Dongdian Testing Service Co., Ltd had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.	

2. RF Exposure evaluation for FCC

According to KDB447498 D04 General RF Exposure Guidance v01

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:

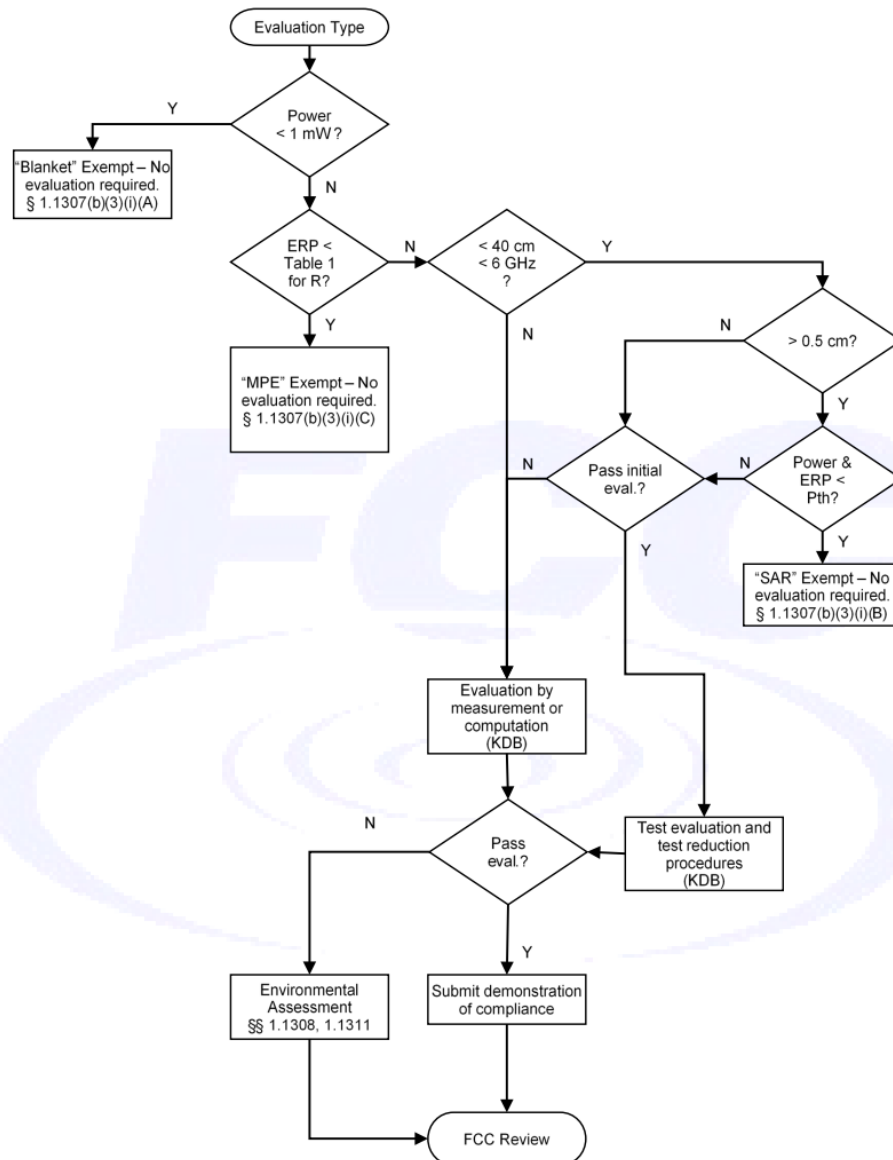


Figure A.1 – General Sequence for Determination of Procedure (exemption or evaluation) to Establish Compliance with Exposure Limits for a Single RF Source³⁹

B.2 Blanket 1 mW Blanket Exemption

The 1 mW Blanket Exemption of § 1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

The 1 mW blanket exemption applies at separation distances less than 0.5 cm, including where there is no separation. This exemption shall not be used in conjunction with other exemption criteria other than those for multiple RF sources in paragraph § 1.1307(b)(3)(ii)(A).

The 1 mW exemption is independent of service type and covers the full range of 100 kHz to

100 GHz, but it shall not be used in conjunction with other exemption criteria or in devices with higher-power transmitters operating in the same time-averaging period. Exposure from such higher-power transmitters would invalidate the underlying assumption that exposure from the lower-power transmitter is the only contributor to SAR in the relevant volume of tissue.

Mode	Max. Tune Up power (dBm)	Output power (mW)	Antenna Gain (dBi)
BLE	-8	0.158	-1.26

$$10^{-0.8} = 0.158 \text{ mW} < 1 \text{ mW}$$

Conclusion: The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device.

Then SAR evaluation is not required

END OF REPORT