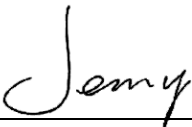


RF EVALUATION TEST REPORT

Applicant..... : Wavefuture Robotics Technology (Suzhou) Co., Ltd.
Address..... : 1/F, Building B, No. 7 Qian Zhu Road, Taihu Street, Wuzhong District, Suzhou,
215104 Jiangsu, P.R. China
Manufacturer..... : Wavefuture Robotics Technology (Suzhou) Co., Ltd.
Address..... : 1/F, Building B, No. 7 Qian Zhu Road, Taihu Street, Wuzhong District, Suzhou,
215104 Jiangsu, P.R. China
Factory..... : Huzhou Luxshare Precision Industry Co., Ltd.
Address..... : No. 399, Shengxun Road, Zhili Town, Wuxing District, Huzhou City, Zhejiang,
P.R. China
Product Name..... : Wireless Charging Dock
Brand Name..... : MOVA, Nexlawn 
Model No. : AD1
FCC ID..... : 2BUDP-G2526AD1
Measurement Standard..... : 47 CFR PART 2, Section 2.1091, 47 CFR PART 1, Section 1.1310
Receipt Date of Samples.... : March 04, 2026
Date of Tested..... : March 04, 2026 to March 24, 2026
Date of Report..... : April 09, 2026

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.


Prepared by
Jenny Liu / Project Engineer

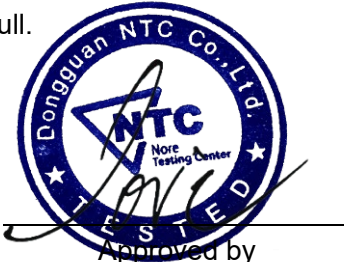

Approved by
Iori Fan / Authorized Signatory

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Revision History

Report Number	Description	Issued Date
NTC2603415F01	Initial Issue	2026-04-09

1. General Description of EUT

Product Information	
Product name:	Wireless Charging Dock
Main Model Name:	AD1
Additional Model Name:	N/A
Model Difference:	N/A
S/N:	N/A
Brand Name:	MOVA, Nexlawn, MOVA NexLawn
Hardware Version:	V1.0.1
Software Version:	V1.0.1
Rating:	24.9Vdc / 3A from external AC/DC Adapter Wireless charger output: 18-25.2Vdc, 3A Max, 75W Max
Typical Arrangement:	Floor-standing
I/O Port:	Refer to the User's Manual
Accessories Information	
Adapter:	Manufacturer: FOSHAN SHUNDE GUANYUDA POWER SUPPLY CO., LTD M/N: GM130-2940350-2FG Input: 100-240V~50/60Hz, 2.5A Output: 29.4Vdc, 3.5A, 102.9W
Cable:	AC Power Cord: 1.45m DC Line: 1.05m, unshielded, undetachable, with a ferrite
Other:	N/A
Additional information	
Note:	N/A
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

Technical Specification	
Frequency Range:	110.1-200KHz
Test frequency:	110.779KHz
Modulation type:	ASK
Antenna Type:	Coil antenna
Number of Antenna:	1
Output power for coil:	75W
EUT Type:	Mobile

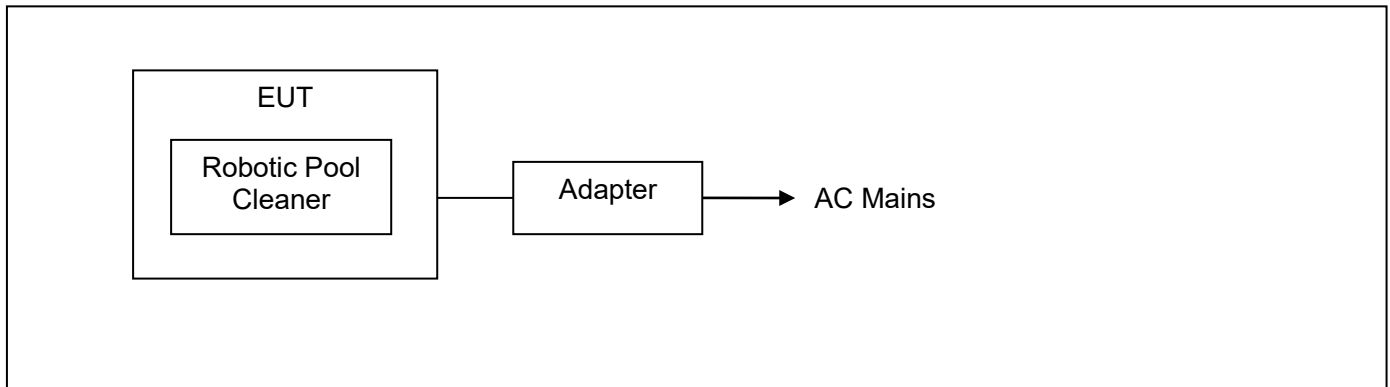
2. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2030 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2027 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Listed by ISED, June 08, 2017 The Certificate Registration Number. Is 9743A The CAB identifier number: CN0015
Test Site Location	:	Room 101, 1101, Building 2, No. 61, Hongmei Section, Wangsha Road, Hongmei Town, Dongguan, Guangdong, People's Republic of China

3. Test Modes Detail

Test Mode	Test Setup Configuration	Remark
1	Wireless Charging (Full Load 75W)	---
2	Wireless Charging (Half Load 40W)	---
3	Wireless Charging (Light Load 10W)	---

4. Configuration of EUT



5. Modification of EUT

No modifications are made to the EUT during all test items.

6. Description of Support Device

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Brand	M/N	S/N	Cable Specification	Remarks
1.	Robotic Pool Cleaner	MOVA	PIXZ6111	---	---	Provided by the Manufacturer.

Note: The support device was programmed a test firmware to make the EUT adjusting and keeping the charging power.

7. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

8. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 1, 1.1310

KDB 680106 D01v04

9. Equipment approval considerations

No.	Requirements	Conditions of the EUT
1.	Power transfer frequency is below 1MHz	Yes, the operated frequency range is 110.1-200KHz.
2.	The output power from each transmitting element (e.g. coil) is less than or equal to 15 watts.	The maximum output power is 75W
3.	A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact)	Yes
4.	§ 2.1091-Mobile exposure conditions or 2.1093-Portable exposure conditions	2.1091-Mobile exposure conditions, the EUT will be installed and used at least 1m away from the human body.
5.	The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1.	Yes
Remark: ☒ Need PAG or ECR process ☐ No need PAG or ECR process.		

10. Measurement Uncertainty

No.	Test Item	Uncertainty	Remarks
1.	Magnetic Field Emissions	± 0.15 dB	---
2.	Electric Field Emissions	± 0.36 dB	

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

11. Maximum Permissible Exposure

LIMIT

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100,000	/	/	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,00	/	/	1.0	30

F=frequency in MHz

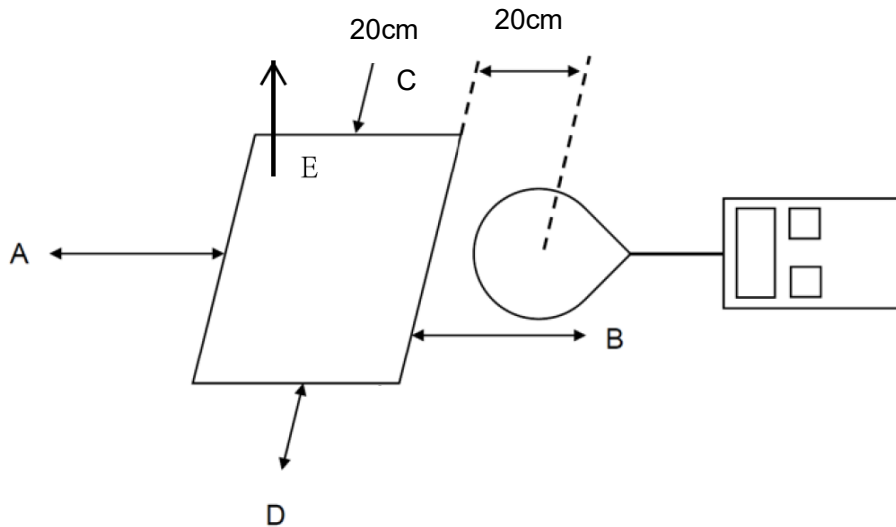
*=Plane-wave equivalent power density

RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz: 614V/m,1.63A/m).

Per KDB 680106 D01 v04, RF exposure evaluation at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit. Emission between 50 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 1.63/Am and aggregate H-field strengths from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

BLOCK DIAGRAM OF TEST SETUP

For Mobile:



Note: The distance of the points A/B/C/D/E is 20cm.

TEST PROCEDURES

- The EUT was placed on a non-conductive table top of shielding room or anechoic chamber, and the ancillary equipment (e.g., mobile phone, dummy loads) was placed on the EUT for charging.
- Maximum E-field and H-field measurements were tested at 20cm from each side of the EUT.
- Along the side of the EUT to center of E-field probe and H-field probe were positioned at the location to search maximum field strength and record the results.
- Repeat the steps a~c on each test modes and configurations until the end of the test.

TEST RESULTS

PASS

Please refer to the following pages.

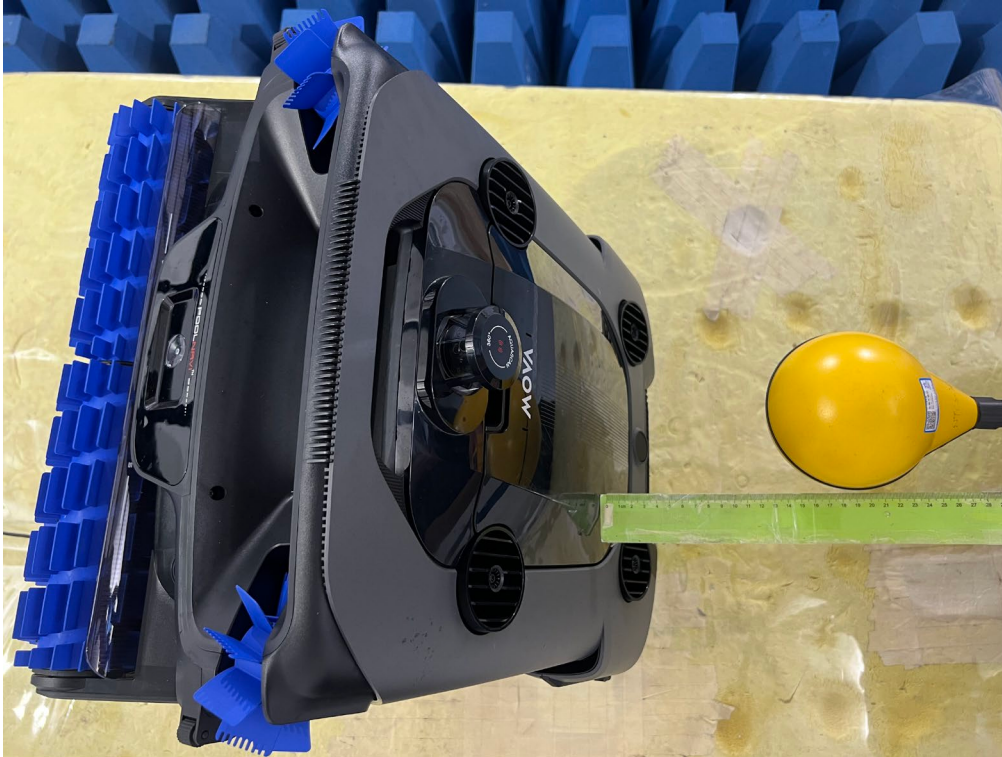
Test Mode 1					
Test Distance (cm)	Test Position	Mobile Measure Result (V/m)	Mobile Measure Result (A/m)	Limit (V/m)	Limit (A/m)
20	Side A	23.52	0.378	614	0.815
	Side B	49.88	0.345	614	0.815
	Side C	18.66	0.344	614	0.815
	Side D	14.06	0.416	614	0.815
	Side E	23.05	0.623	614	0.815
Test Mode 2					
20	Side A	20.56	0.336	614	0.815
	Side B	45.26	0.310	614	0.815
	Side C	16.14	0.299	614	0.815
	Side D	11.46	0.346	614	0.815
	Side E	17.54	0.506	614	0.815
Test Mode 3					
20	Side A	11.56	0.293	614	0.815
	Side B	21.56	0.285	614	0.815
	Side C	10.52	0.256	614	0.815
	Side D	8.95	0.394	614	0.815
	Side E	14.26	0.475	614	0.815

12. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Magnetic field probe	Narda	ELT-400	O-167	Aug. 19, 2025	1 Year
2.	E-Field Probe	Narda	EP-601	611WX70729	Aug. 19, 2025	1 Year

13. Test Photos

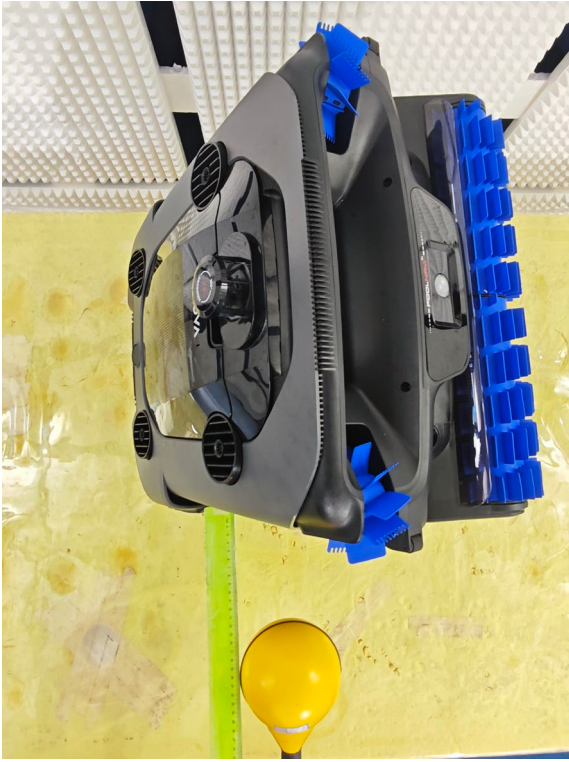
Side A: Test distance 20cm



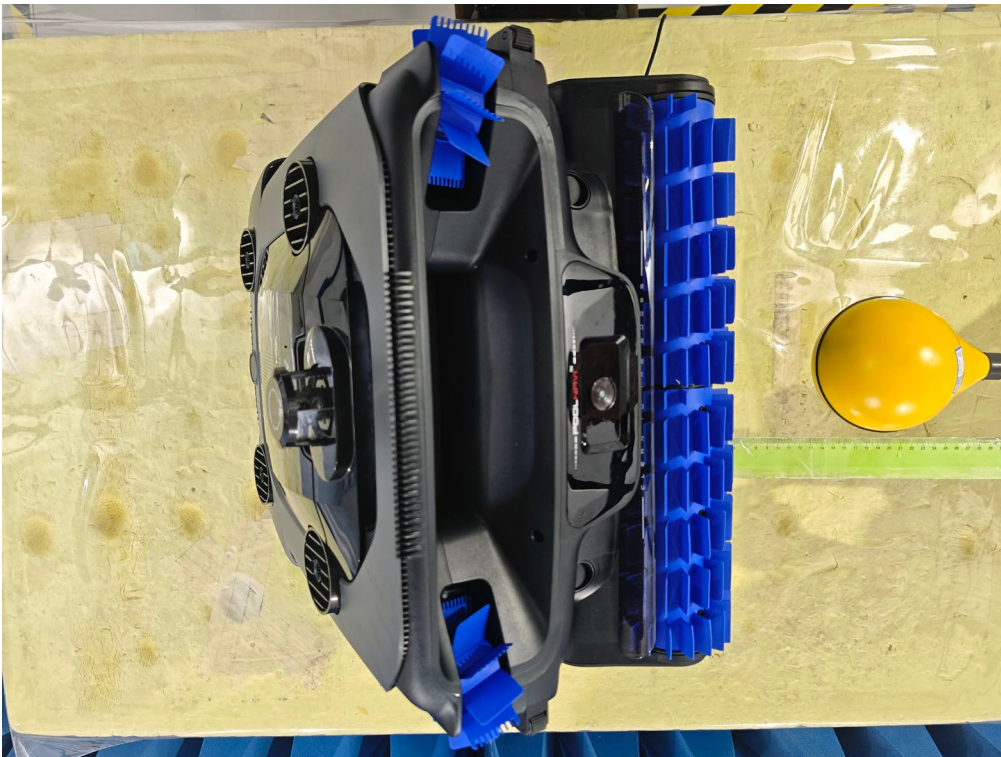
Side B: Test distance 20cm



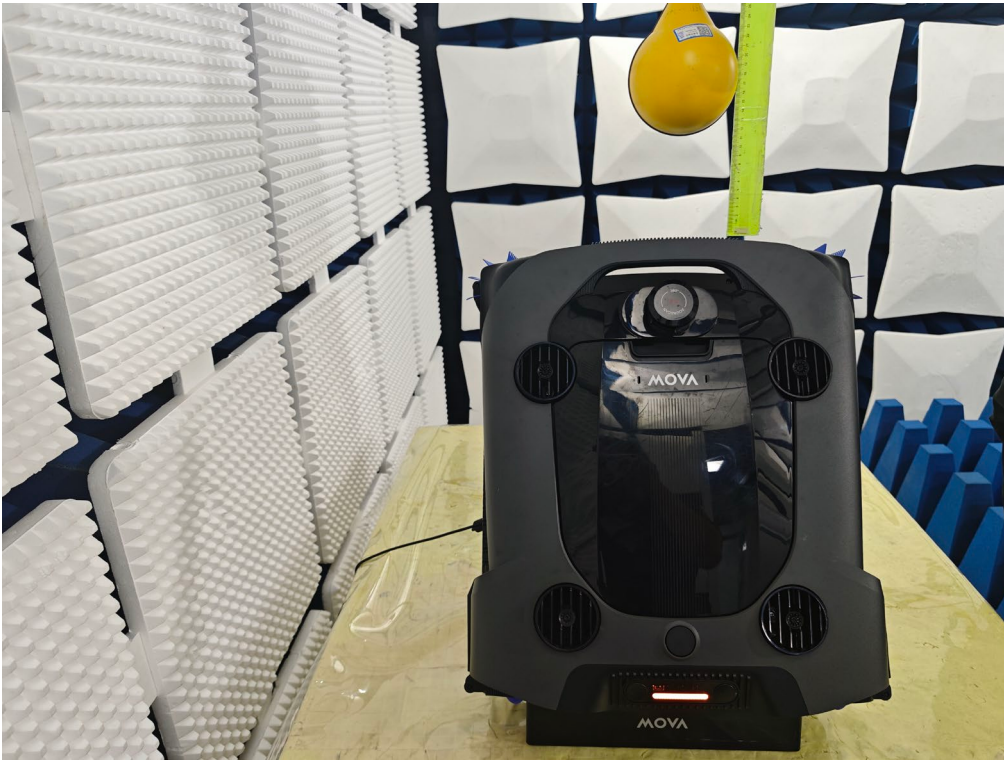
Side C: Test distance 20cm



Side D: Test distance 20cm



Side E: Test distance 20cm



---End---