

# Human Exposure Report

Application No.:	SUCR2505000449AT
FCC ID:	2APYS-LPS15WPK
Applicant:	Lanto Electronic Ltd
Address of Applicant:	No 399, Baisheng Road, Jinxi Town, Kunshan City, Jiangsu, China 215234
Manufacturer:	Lanto Electronic Ltd
Address of Manufacturer:	No 399, Baisheng Road, Jinxi Town, Kunshan City, Jiangsu, China 215234
EUT Name:	Wireless Charger Module
Model No.:	LPS-15WP K
Standards:	47 CFR PART 1, Subpart I, Section 1.1310 KDB 680106 D01 v04
Date of Receipt:	2025-03-27
Date of Test:	2025-05-20 to 2025-05-20
Date of Issue:	2025-05-23
Test Result :	Pass*

\* In the configuration tested, the EUT complied with the standards specified above.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Revision Record			
Version	Description	Date	Remark
00	Original	2025-05-23	/

Authorized for issue by:			
Tested By		 Eric Liu	
		Eric Liu /Project Engineer	
Approved By		 Micheal Niu	
		Micheal Niu /Reviewer	

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### 3 General Information

#### 3.1 Details of E.U.T.

Power supply:	DC 20V by adapter Model: ADL135SDC3A Input: 100-240V~ 50/60Hz Output: 20.0V, 6.75A
Test Voltage:	AC 120V/60Hz
Operation frequency:	110-148kHz
Wireless Output:	15W Max.
Modulation Type:	Load Modulation
Antenna Type:	Coil Antenna
Host:	IdeaCentre AIO 27AKP10

#### 3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Load	--	--	--

#### 3.3 Description of Product installation location

The device typical is desktop applications. We test all four sides and the top of the device at a test distance of 15cm.

### 3.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch  
No. 2, Tongsheng Road, Wuzhong District, Suzhou, Jiangsu, China.

No tests were sub-contracted.

Note:

1. SGS is not responsible for wrong test results due to incorrect information (e.g. max. clock frequency, highest internal frequency, antenna gain, cable loss, etc ) is provided by the applicant. (if applicable).
2. SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (if applicable).
3. Sample source: sent by customer.

### 3.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA**

SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 6706.01.

- **FCC**

SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch has been recognized as an accredited testing laboratory. Designation Number: CN1387.

- **ISED**

SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory. Company Number: 32369

### 3.6 Deviation from Standards

None

### 3.7 Abnormalities from Standard Conditions

None

## 4 Equipments Used during Test

Item	Test Equipment	Manufacturer	Model No.	Cal date	Cal. Due date
1	Electromagnetic Field Probe	SPEAG	MAGPy-DAS	2025-02-22	2026-02-21
2	3m Semi-Anechoic Chamber	ST	N/A	2023-07-20	2026-07-19
3	Test Software	SPEAG	MAGPy V2.6.0	N/A	N/A

## 5 RF Exposure Test Results

Test Requirement: 47 CFR PART 1, Subpart I, Section 1.1310

Measurement Distance: 15cm

Limit:

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm <sup>2</sup> )	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 <sup>2</sup> )	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100,000	/	/	5	6
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm <sup>2</sup> )	Averaging time (minutes)
(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 <sup>2</sup> )	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	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).				

### 5.1 Operating Environment

Temperature: 24.0 °C      Humidity: 52 % RH      Atmospheric Pressure: 1015 mbar

### 5.2 EUT Operation

This device has been charge at zero charge, intermediate charge, and full charge. The Maximum value has been recorded in the below table

### 5.3 Test Data and Field Estimated

#### 5.3.1 Test Data using Dummy Load

M1	Transfer Zones Charging_The load shall be set at full load 15W respectively.
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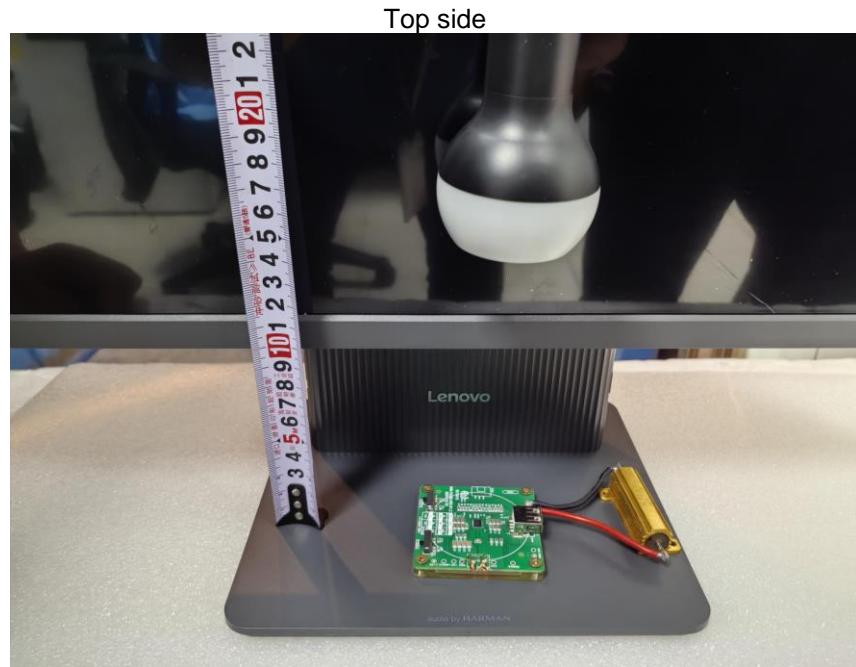
Magnetic Field:

Test Distance	Test Position	Measure Result (A/m)	Limit (A/m)	50% Limit (A/m)	Verdict
15cm	Side1	0.09	1.63	0.815	PASS
	Side2	0.04	1.63	0.815	PASS
	Side3	0.01	1.63	0.815	PASS
	Side4	0.05	1.63	0.815	PASS
	Top	0.13	1.63	0.815	PASS
	Bottom	0.01	1.63	0.815	PASS

Electric Field:

Test Distance	Test Position	Measure Result (V/m)	Limit (V/m)	50% Limit (V/m)	Verdict
15cm	Side1	0.25	614	307	PASS
	Side2	0.38	614	307	PASS
	Side3	0.07	614	307	PASS
	Side4	0.32	614	307	PASS
	Top	0.56	614	307	PASS
	Bottom	0.29	614	307	PASS

## 6 Test photos



- End of the Report -