

MPE Test Report

FCC ID: 2BW9E-EPB-LP26

Report No. : SSP26080651-2

Applicant : Recharge Intelligent Technology (Ji'an) Co., Ltd.

Product Name : Loop 10000mAh Magnetic Wireless Power Bank

Model Name : EPB-LP26

Test Standard : FCC CFR 47 PART 1, 1.1310

Date of Issue : 2026-09-10

Shenzhen CCUT Quality Technology Co., Ltd.

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This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen CCUT Quality Technology Co., Ltd.

Test Report Basic Information

Applicant:	Recharge Intelligent Technology (Ji'an) Co., Ltd. 1st Floor, No. 14 Green Industrial Park, East District Of High Tech Zone, Address of Applicant.....:	Suichuan County, Ji An, Jiangxi, 343900, China
Manufacturer:	Recharge Intelligent Technology (Ji'an) Co., Ltd. 1st Floor, No. 14 Green Industrial Park, East District Of High Tech Zone, Address of Manufacturer.....:	Suichuan County, Ji An, Jiangxi, 343900, China
Product Name:	Loop 10000mAh Magnetic Wireless Power Bank	
Brand Name:	-	
Main Model:	EPB-LP26	
Series Models:	M2236Q-A	
Test Standard:	FCC CFR 47 PART 1, 1.1310 KDB 680106 D01 Wireless Power Transfer v04	
Date of Test:	2026-09-01 to 2026-09-09	
Test Result:	PASS	
Tested By	 (Walker Wu)	
Reviewed By:	 (Lorzix Luo)	
Authorized Signatory:	 (Lahm Peng)	
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CONTENTS

1. General Information.....	5
1.1 Product Information	5
1.2 Test Setup Information.....	6
1.3 Test Facilities.....	7
1.4 List of Measurement Instruments	7
1.5 Measurement Uncertainty.....	7
2. RF Exposure.....	8
2.1 Standard and Limit.....	8
2.2 Test Procedures	8
2.3 Test Setup Block Diagram.....	9
2.4 Test Data and Results.....	10
Annex A. Test Photos.....	14

Revision History

Revision	Issue Date	Description	Revised By
V1.0	2026-09-10	Initial Release	Lahm Peng

1. General Information

1.1 Product Information

Product Name:	Loop 10000mAh Magnetic Wireless Power Bank
Trade Name:	-
Test Model:	EPB-LP26
Series Models:	M2236Q-A
Rated Voltage:	Type-C Prot/Cable Input: DC 5V=2A, 9V=2A, 12V=1.5A (18W Max) Type-C Cable Output: DC 5V=3A, 9V=3A, 12V=1.5A (27W Max) Lightning Cable Output: DC 5V=2.4A, 9V=3A, (27W Max) Combined Output: DC 5V=3A (15W Max) Wireless Output for phone: 5W/7.5W/10W/15W Wireless Output for Earbuds: 5W Wireless Output for Watch: 2W
Battery:	DC 3.85V, 10000mAh, 38.5Wh
Test Sample No:	SSP26080651-1
Hardware Version:	V1.0
Software Version:	V1.0
Note 1: The test data is gathered from a production sample, provided by the manufacturer.	
Note 2: The color of appearance and model name of series models listed are different from the main model, but the circuit and the electronic construction are the same, declared by the manufacturer.	

Wireless Specification	
Wireless Standard:	WPC (QI)
Operating Frequency:	15W/10W/7.5W/5W: 110.5-205kHz, 2W: 310-340kHz
Modulation:	ASK
Antenna Gain:	0dBi
Type of Antenna:	Coil Antenna
Type of Device:	☒ Portable Device ☐ Mobile Device ☐ Modular Device

1.2 Test Setup Information

List of Test Modes			
Test Mode	Description		Remark
TM1	Wireless charging 5W		110.5-205kHz
TM2	Wireless charging 7.5W		110.5-205kHz
TM3	Wireless charging 10W		110.5-205kHz
TM4	Wireless charging 15W		110.5-205kHz
TM5	Wireless charging 2W		310-340kHz
TM6	Wireless charging 5W+Charging		110.5-205kHz
TM7	Wireless charging 2W+Chargiing		310-340kHz
Note: All modes of the main model and accessory models mentioned above have been tested. The report only shows the worst modes of the main model: TM4 and TM5 data.			
List and Details of Auxiliary Cable			
Description	Length (cm)	Shielded/Unshielded	With/Without Ferrite
USB	100cm	Unshielded	Without Ferrite
-	-	-	-
List and Details of Auxiliary Equipment			
Equipment	Model	Serial No.	Manufacturer
Adapter	UGREEN	CD289	-
Apple Watch	Apple	A2855	-
Mobile phone	iPhone 16	HYG6PQMWK	Apple

1.3 Test Facilities

Laboratory Name:	Shenzhen CCUT Quality Technology Co., Ltd. 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
CNAS Laboratory No.:	L18863
A2LA Certificate No.:	6983.01
FCC Registration No:	583813
ISED Registration No.:	CN0164

1.4 List of Measurement Instruments

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Electromagnetic radiation tester	WAVECONTROL	SMP3	23SL0158	2024-10-17	2026-10-16
Electromagnetic field probe	WAVECONTROL	WP400-3	24WP240067	2024-10-17	2026-10-16
Test Software	WAVECONTROL	SMP	N/A	N/A	N/A

Probe radius: 1.65CM

1.5 Measurement Uncertainty

Test Item	Frequency Range	Uncertainty
E-field	10Hz ~ 100kHz	± 2.6%
	100kHz ~ 400kHz	± 4.9%
H-field	10Hz ~ 3kHz	± 2.5%
	3kHz ~ 10kHz	± 2.6%
	10kHz ~ 100kHz	± 4.3%
	100kHz ~ 400kHz	± 5.0%

2. RF Exposure

2.1 Standard and 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
1500–100,000	--	--	1.0	30

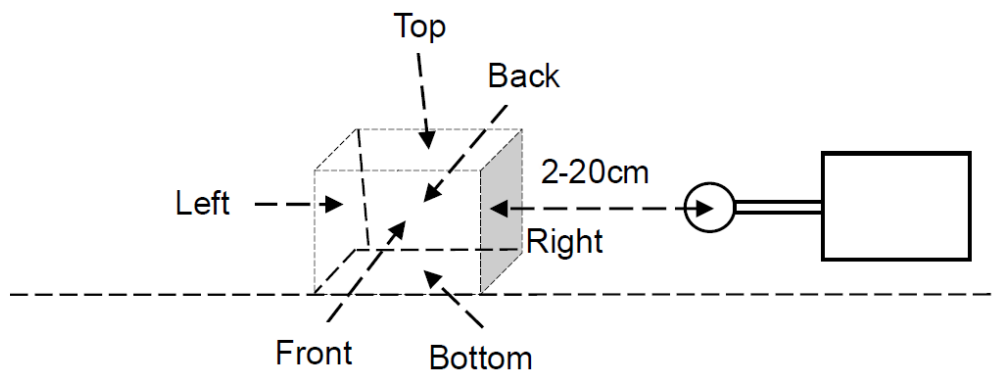
f = frequency in MHz

2.2 Test Procedures

The EUT was measured according to the KDB 680106 D01v04.

- 1) The RF exposure test was performed in an anechoic chamber.
- 2) The measurement probe was placed at test distance(2~20cm) which is between the edge of the wireless charger and the geometric center of probe for portable exposure, and the measurement probe was placed at test distance(20~24cm) which is between the edge of the wireless charger and the geometric center of probe for mobile exposure.
- 3) Choose the worst mode among battery with zero/partial/full charge, then perform measurement.
- 4) The highest emission level was recorded and all sides (A, B, C, D, E, F) were completed.
- 5) Calculate the final E/H-field strength.

2.3 Test Setup Block Diagram



Note: Front side = A, Right side = B, Back side = C, Left side = D, Top side = E, Bottom side = F.

2.4 Test Data and Results

For portable exposure conditions:

Operating modes with client device (1 %, 50%, 99% battery status of client device) have been tested, only show the data of worst case of battery status of client device.

H-field measurements taken every 2 cm (starting as close to 20 cm as possible) on each side of the device were also evaluated for portable exposure use condition.

Test Mode: TM4(the worst mode)

Transmitter Battery Level: 99%

Test Distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)
2	1.187	1.112	1.126	0.963	0.895	0.988
4	0.805	0.753	0.857	0.740	0.664	0.642
6	0.577	0.536	0.566	0.415	0.524	0.482
8	0.423	0.391	0.346	0.247	0.291	0.295
10	0.277	0.256	0.228	0.144	0.184	0.182
12	0.196	0.183	0.174	0.109	0.131	0.134
14	0.134	0.123	0.101	0.086	0.089	0.083
16	0.097	0.092	0.077	0.057	0.057	0.061
18	0.069	0.066	0.058	0.032	0.042	0.042
20	0.046	0.043	0.036	0.028	0.033	0.035

Test Distance (cm)	Test Position						Limits (A/m)
	A (A/m)	B (A/m)	C (A/m)	D (A/m)	E (A/m)	F (A/m)	
2	0.950	0.890	0.901	0.770	0.716	0.790	1.63
4	0.644	0.602	0.686	0.592	0.531	0.514	1.63
6	0.462	0.429	0.453	0.332	0.419	0.386	1.63
8	0.338	0.313	0.277	0.198	0.233	0.236	1.63
10	0.222	0.205	0.182	0.115	0.147	0.146	1.63
12	0.157	0.146	0.139	0.087	0.105	0.107	1.63
14	0.107	0.098	0.081	0.069	0.071	0.066	1.63
16	0.078	0.074	0.062	0.046	0.046	0.049	1.63
18	0.055	0.053	0.046	0.026	0.034	0.034	1.63
20	0.037	0.034	0.029	0.022	0.026	0.028	1.63

Note: H-field(A/m) = H-field(uT)/1.25.

Using Polynomial order 10, the value of 2 cm and 4 cm can be estimated, and the result of comparison meets the requirements (<30%), therefore, the calculation method is acceptable.

Distance: 2cm

Test Position	A	B	C	D	E	F
Valuation (A/m)	0.950	0.890	0.901	0.770	0.716	0.790
Measure Value (A/m)	0.949	0.889	0.9	0.769	0.715	0.789
Agreement Ratio (%)	-0.11%	-0.11%	-0.11%	-0.13%	-0.14%	-0.13%
Limit (%)	30%	30%	30%	30%	30%	30%
Result	Pass	Pass	Pass	Pass	Pass	Pass

Distance: 4cm

Test Position	A	B	C	D	E	F
Valuation (A/m)	0.644	0.602	0.686	0.592	0.531	0.514
Measure Value (A/m)	0.643	0.601	0.685	0.591	0.53	0.513
Agreement Ratio (%)	-0.16%	-0.17%	-0.15%	-0.17%	-0.19%	-0.19%
Limit (%)	30%	30%	30%	30%	30%	30%
Result	Pass	Pass	Pass	Pass	Pass	Pass

Based on the above results, using Polynomial order 10, the value of 0 cm can be estimated as below.

Test Distance (cm)	Test Position						Limits (A/m)
	A (A/m)	B (A/m)	C (A/m)	D (A/m)	E (A/m)	F (A/m)	
0	0.97	0.89	0.88	0.34	1.54	1.32	1.63
Test Results: PASS							

Test Mode: TM5(the worst mode)

Transmitter Battery Level: 99%

Test Distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)
2	0.973	0.963	0.875	0.755	0.818	0.797
4	0.627	0.687	0.643	0.530	0.488	0.574
6	0.476	0.516	0.387	0.308	0.365	0.333
8	0.343	0.403	0.289	0.225	0.251	0.241
10	0.211	0.298	0.185	0.149	0.147	0.157
12	0.152	0.165	0.134	0.106	0.112	0.112
14	0.107	0.089	0.086	0.078	0.083	0.074
16	0.081	0.072	0.063	0.054	0.064	0.058
18	0.056	0.045	0.047	0.037	0.041	0.037
20	0.036	0.036	0.031	0.026	0.033	0.029

Test Distance (cm)	Test Position						Limits (A/m)
	A (A/m)	B (A/m)	C (A/m)	D (A/m)	E (A/m)	F (A/m)	
2	0.778	0.770	0.700	0.604	0.654	0.638	1.63
4	0.502	0.550	0.514	0.424	0.390	0.459	1.63
6	0.381	0.413	0.310	0.246	0.292	0.266	1.63
8	0.274	0.322	0.231	0.180	0.201	0.193	1.63
10	0.169	0.238	0.148	0.119	0.118	0.126	1.63
12	0.122	0.132	0.107	0.085	0.090	0.090	1.63
14	0.086	0.071	0.069	0.062	0.066	0.059	1.63
16	0.065	0.058	0.050	0.043	0.051	0.046	1.63
18	0.045	0.036	0.038	0.030	0.033	0.030	1.63
20	0.029	0.029	0.025	0.021	0.026	0.023	1.63

Note: H-field(A/m) = H-field(uT)/1.25.

Using Polynomial order 10, the value of 2 cm and 4 cm can be estimated, and the result of comparison meets the requirements (<30%), therefore, the calculation method is acceptable.

Distance: 2cm

Test Position	A	B	C	D	E	F
Valuation (A/m)	0.778	0.770	0.700	0.604	0.654	0.638
Measure Value (A/m)	0.777	0.769	0.699	0.603	0.653	0.637
Agreement Ratio (%)	-0.13%	-0.13%	-0.14%	-0.17%	-0.15%	-0.16%
Limit (%)	30%	30%	30%	30%	30%	30%
Result	Pass	Pass	Pass	Pass	Pass	Pass

Distance: 4cm

Test Position	A	B	C	D	E	F
Valuation (A/m)	0.502	0.550	0.514	0.424	0.390	0.459
Measure Value (A/m)	0.501	0.549	0.513	0.423	0.389	0.458
Agreement Ratio (%)	-0.20%	-0.18%	-0.19%	-0.24%	-0.26%	-0.22%
Limit (%)	30%	30%	30%	30%	30%	30%
Result	Pass	Pass	Pass	Pass	Pass	Pass

Based on the above results, using Polynomial order 10, the value of 0 cm can be estimated as below.

Test Distance (cm)	Test Position						Limits (A/m)
	A (A/m)	B (A/m)	C (A/m)	D (A/m)	E (A/m)	F (A/m)	
0	0.93	1.11	0.11	0.27	0.88	0.19	1.63
Test Results: PASS							

Annex A. Test Photos

Test View 1



Test View 2



***** END OF REPORT *****