

MPE Test Report

FCC ID: 2BNOR-DLH-8802

Report No. : SSP26060572-2

Applicant : SHENZHEN ORICO TECHNOLOGIES CO., LTD.

Product Name : Magnetic Wireless Power Bank

Model Name : DLH-8802

Test Standard : FCC CFR 47 PART 1, 1.1310

Date of Issue : 2026-07-30

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:	SHENZHEN ORICO TECHNOLOGIES CO., LTD. 1903-1904,14A, Zhonghaixin Innovation Industrial Park, no.12, GanLee Sixth Road, Gankeng Community, Jihua Street, Shenzhen, China	
Manufacturer:	SHENZHEN DELE POWER ELECTRONIC CO., LTD Room 302, 3rd floor, Block A No.438, Dong Huan Road, Xinqiao street, Sha Jing Town, Bao'an District, ShenZhen, Guangdong province, china	
Product Name:	Magnetic Wireless Power Bank	
Brand Name:	-	
Main Model:	DLH-8802	
Series Models:	-	
Test Standard:	FCC CFR 47 PART 1, 1.1310 KDB 680106 D01 Wireless Power Transfer v04	
Date of Test	2026-06-30 to 2026-07-10	
Test Result:	PASS	
Tested By	<i>Colin Chen</i> _____ (Colin Chen)	
Reviewed By:	<i>Lorzix Luo</i> _____ (Lorzix Luo)	
Authorized Signatory:	<i>Lahm Peng</i> _____ (Lahm Peng)	
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Revision History

Revision	Issue Date	Description	Revised By
V1.0	2026-07-30	Initial Release	Lahm Peng

1. General Information

1.1 Product Information

Product Name:	Magnetic Wireless Power Bank
Trade Name:	-
Test Model:	DLH-8802
Series Models:	-
Rated Voltage:	Type-C Input: 5V=2.4A, 9V=2.22A, 12V=1.67A (20W Max) Type-C Output: 5V=2.4A, 9V=2.22A, 10=2.22A, 12V=1.67A (22.5W Max) Wireless Output: 15W/10W/7.5W/5W/2.5W
Battery:	17.2Wh (5000mAh, 3.44V)
Test Sample No:	SSP26060572-1
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, 2.5W: 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 2.5W		310-340kHz
TM2	Wireless charging 5W		110.5-205kHz
TM3	Wireless charging 7.5W		110.5-205kHz
TM4	Wireless charging 10W		110.5-205kHz
TM5	Wireless charging 15W		110.5-205kHz
TM6	Wireless charging 5W+Charging		110.5-205kHz
TM7	Wireless charging 2.5W+Charging		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: TM5 and TM7 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

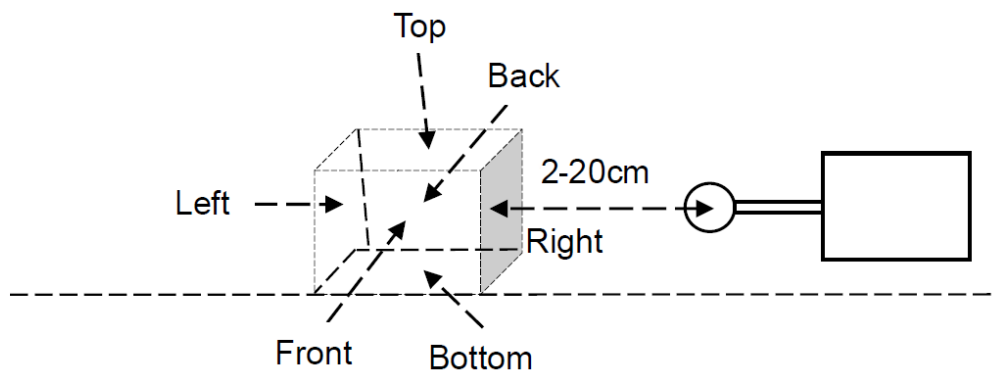
f = frequency in MHz

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: 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	1.180	1.102	0.967	0.647	0.831	0.797
4	0.802	0.749	0.657	0.440	0.565	0.542
6	0.570	0.532	0.467	0.312	0.401	0.385
8	0.416	0.388	0.341	0.228	0.293	0.281
10	0.270	0.252	0.221	0.148	0.190	0.183
12	0.192	0.179	0.157	0.105	0.135	0.130
14	0.129	0.120	0.105	0.071	0.091	0.087
16	0.095	0.089	0.078	0.052	0.067	0.064
18	0.065	0.060	0.053	0.035	0.046	0.044
20	0.043	0.040	0.036	0.024	0.031	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	0.944	0.882	0.774	0.518	0.665	0.638	1.63
4	0.642	0.599	0.526	0.352	0.452	0.434	1.63
6	0.456	0.426	0.374	0.250	0.321	0.308	1.63
8	0.333	0.310	0.273	0.182	0.234	0.225	1.63
10	0.216	0.202	0.177	0.118	0.152	0.146	1.63
12	0.154	0.143	0.126	0.084	0.108	0.104	1.63
14	0.103	0.096	0.084	0.057	0.073	0.070	1.63
16	0.076	0.071	0.062	0.042	0.054	0.051	1.63
18	0.052	0.048	0.042	0.028	0.037	0.035	1.63
20	0.034	0.032	0.029	0.019	0.025	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)	0.944	0.882	0.774	0.518	0.665	0.638
Measure Value (A/m)	0.943	0.881	0.773	0.517	0.663	0.637
Agreement Ratio (%)	-0.11%	-0.11%	-0.13%	-0.19%	-0.30%	-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)	0.642	0.599	0.526	0.352	0.452	0.434
Measure Value (A/m)	0.640	0.598	0.525	0.351	0.450	0.433
Agreement Ratio (%)	-0.31%	-0.17%	-0.19%	-0.28%	-0.44%	-0.23%
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	0.90	0.88	0.74	0.51	0.65	0.61	1.63
Test Results: PASS							

Test Mode: TM7(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	0.915	0.863	0.797	0.632	0.716	0.697
4	0.622	0.587	0.542	0.430	0.487	0.474
6	0.442	0.416	0.385	0.305	0.346	0.337
8	0.322	0.304	0.281	0.223	0.252	0.246
10	0.210	0.198	0.183	0.145	0.164	0.160
12	0.149	0.140	0.130	0.103	0.116	0.113
14	0.100	0.094	0.087	0.069	0.078	0.076
16	0.074	0.070	0.064	0.051	0.058	0.056
18	0.050	0.047	0.044	0.035	0.039	0.038
20	0.034	0.032	0.029	0.023	0.026	0.026

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	0.732	0.690	0.638	0.506	0.573	0.558	1.63
4	0.498	0.470	0.434	0.344	0.390	0.379	1.63
6	0.354	0.333	0.308	0.244	0.277	0.270	1.63
8	0.258	0.243	0.225	0.178	0.202	0.197	1.63
10	0.168	0.158	0.146	0.116	0.131	0.128	1.63
12	0.119	0.112	0.104	0.082	0.093	0.090	1.63
14	0.080	0.075	0.070	0.055	0.062	0.061	1.63
16	0.059	0.056	0.051	0.041	0.046	0.045	1.63
18	0.040	0.038	0.035	0.028	0.031	0.030	1.63
20	0.027	0.026	0.023	0.018	0.021	0.021	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)	0.732	0.690	0.638	0.506	0.573	0.558
Measure Value (A/m)	0.731	0.688	0.637	0.505	0.571	0.557
Agreement Ratio (%)	-0.14%	-0.29%	-0.16%	-0.20%	-0.35%	-0.18%
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)	0.498	0.470	0.434	0.344	0.390	0.379
Measure Value (A/m)	0.497	0.469	0.433	0.343	0.389	0.378
Agreement Ratio (%)	-0.20%	-0.21%	-0.23%	-0.29%	-0.26%	-0.26%
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	0.72	0.66	0.61	0.50	0.55	0.56	1.63
Test Results: PASS							

Annex A. Test Photos

Test View 1

Mobile phone



Test View 2

Watch



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