

FCC RF EXPOSURE REPORT

Applicant	:	Omni Power Technology, Inc.
Address	:	5055 Wilshire Blvd. Ste 835 Los Angeles, CA 90036 US USA
Manufacturer	:	Omni Power Technology, Inc.
Address	:	5055 Wilshire Blvd. Ste 835 Los Angeles, CA 90036 US USA
Equipment under Test	:	Portable Power Bank
Model No.	:	Power 20+,Omni 20+
Trade Mark	:	∞.omnicharge®
FCC ID	:	2BOQC-20PLUS
Report No.	:	LS-R25121605-1F05
Issue Date	:	Feb. 02, 2026

LabSure Testing Services (Tianjin) Co., Ltd.



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TEST REPORT DECLARE

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Assess Standard Used: FCC CFR 47 part1, 1.1307(b), 1.1310; KDB680106 D01v04

We Declare:

The equipment described above is tested and assessed by LabSure Testing Services (Tianjin) Co., Ltd. and in the configuration assessed the equipment complied with the standards specified above. The tested and assessed results are contained in this test report and LabSure Testing Services (Tianjin) Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these assessments.

After evaluation, our opinion is that the equipment is In Accordance with above standard

Report No:	LS-R25121605-1F05		
Date of Receipt:	Dec. 26, 2025	Date of Test:	Dec. 26, 2025 ~ Jan. 30, 2026

Prepared By:

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Novak Wei/Engineer

Reviewed by:

Ethan Bao

Ethan Bao/Engineer

Authorized By:

Aaron Zhang

Aaron Zhang/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of LabSure Testing Services (Tianjin) Co., Ltd.
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Revision history

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Feb. 02, 2026	

1. General information

1.1. Description of Equipment

EUT* Name	: Portable Power Bank
Model Number	: Power 20+,Omni 20+
EUT function description	: Please refer to user manual of this device
Power supply	: AC 120V 60Hz Output Power: 10W (Max)
Wireless charging Operation frequency	: 128KHz-172kHz
Hardware Version	: N/A
Firmware Version	: N/A
Antenna Type	: Inductive loop coil antenna
Sample Number	: N/A

Note: EUT is the ab. of equipment under test.

1.2. Assistant equipment used for test

Description of Accessories	Manufacturer	Model number	Serial No.	Other
N/A	N/A	N/A	N/A	N/A

1.3. Test Mode

mode1	Wireless Charging (Full load)
mode2	Wireless Charging (Half load)
mode3	Wireless Charging (Null load)

Note: All test mode were tested and passed, only shows the worst case mode which were recorded in this report.

1.4. Assess laboratory

LabSure Testing Services (Tianjin) Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area, Tianjin, China.

Tel: +86-22-58038033, www.lab-sure.com, E-mail: labsure@lab-sure.com

NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

2. Equipment used during test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Exposure Level Tester	Narda	ELT-400	M-0425	2025-07-17	1 Year
B-Field Probe	Narda	100 cm ² Probe	M-0440	2025-07-17	1 Year

3. Method of measurement

3.1. Applicable Standard

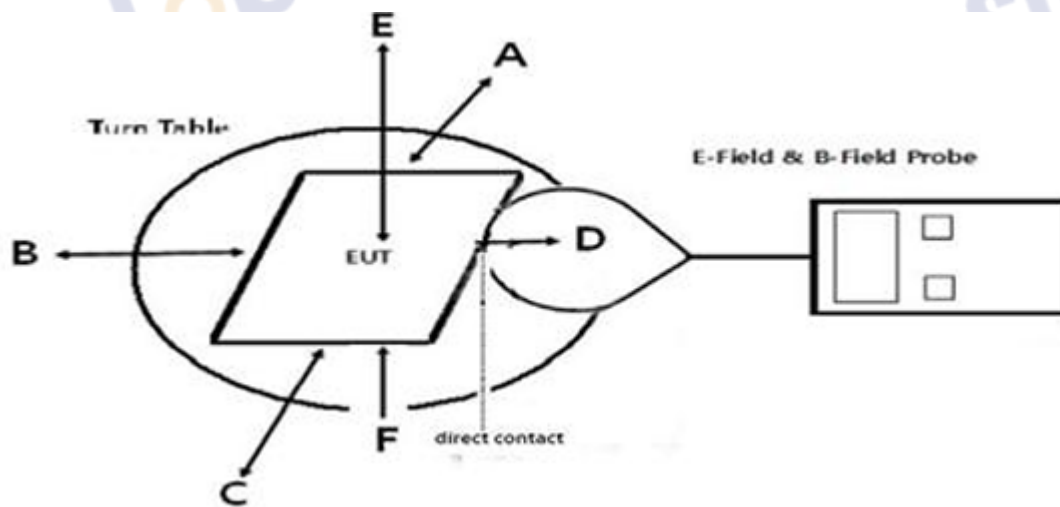
According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to §1.1310 and §2.1091 RF exposure is calculated.

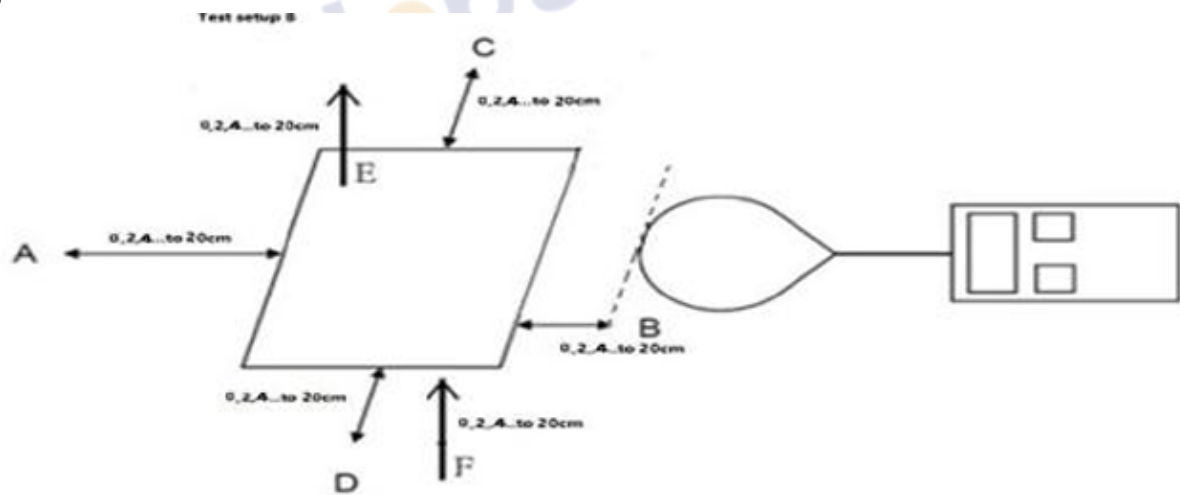
According KDB680106 D01v04r01: RF Exposure Wireless Charging Apps v04.

3.2. Block Diagram Of Test Setup

A



B



3.3. Test Procedure

- a) The RF exposure test was performed in anechoic chamber.
- b) The measurement probe was placed at 0 cm surrounding the device for test setup A; and the measurement Probe was placed from 0 cm to 8 cm, in 2 cm maximum increment measured from the edge of the device For the test setup B.
- c) The highest emission level was recorded and compared with limit as soon as measurement of each.
- d) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E, F) were completed.
- e) The EUT was measured according to the dictates of KDB680106 D01v04
- f) Remark: The EUT's test position A, B, C, D, E and F is valid for the E and H field measurements.

3.4. Maximum Permissible Exposure

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

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 Exposure				
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
300-1,500			f/300	6
1,500-100,000			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
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

3.5.E and H Field Strength

Test Mode 1 (the worst mode_ Full load) for wireless charger:

H-Filed Strength of the EUT (A/m), Output 10W.

Test Position	Probe Measure Result(uT)			
	6 cm	8 cm	10 cm	12 cm
A	0.401	0.358	0.281	0.243
B	0.463	0.414	0.370	0.340
C	0.578	0.469	0.440	0.403
D	0.296	0.254	0.234	0.190
E	0.503	0.268	0.251	0.233
F	0.301	0.271	0.248	0.195

Note:

1. The A/m test results obtained through $A/m = uT/1.25$ the calculation formula are as follows:

Test Position	Probe Measure Result (A/m)				Limits Test (A/m)
	6 cm	8 cm	10 cm	12 cm	
A	0.321	0.286	0.225	0.194	1.63
B	0.370	0.331	0.296	0.272	1.63
C	0.462	0.375	0.352	0.322	1.63
D	0.237	0.203	0.187	0.152	1.63
E	0.402	0.214	0.201	0.186	1.63
F	0.241	0.217	0.198	0.156	1.63

Note:

1. The test probe has a radius of 6 cm. Tests were conducted at 6cm, 8cm, 10cm, and 12cm.
2. To avoid the ruler affecting the test results, remove the ruler after measuring the distance.

Using Biot-Savart Law, the value of 0cm, 2cm and 4 cm H-Filed Strength can be estimated through the test results of 6cm:

Test Position	Estimated Result(A/m)			Limits Test (A/m)
	0cm	2cm	4cm	
A	0.714	0.507	0.393	1.63
B	0.619	0.506	0.427	1.63
C	1.028	0.730	0.566	1.63
D	0.527	0.374	0.290	1.63
E	1.383	0.993	0.525	1.63
F	1.432	0.903	0.464	1.63

Using Biot-Savart Law, the value of 6cm of H-Filed Strength can be estimated through the test results of 8cm:

Test Position	Estimated Result(A/m)	Limits Test (A/m)
A	0.338	1.63
B	0.375	1.63
C	0.444	1.63
D	0.240	1.63
E	0.392	1.63
F	0.287	1.63

Agreement Ratio

Distance: 6cm

Mode1				
Test Position	Measure Value (A/m)	Valuation(A/m)	Agreement ratio	Limits Test (A/m)
A	0.321	0.338	5.30%	30%
B	0.370	0.375	1.35%	30%
C	0.462	0.444	3.90%	30%
D	0.237	0.240	1.27%	30%
E	0.402	0.392	2.49%	30%
F	0.241	0.287	19.09%	30%

4. Test Setup Photo

Please find the photos of EUT in Test Setup Photograph

END OF REPORT