

RF Exposure Report

Applicant: MedSense Labs, LLC

Address of Applicant: 2 N Lake Ave. Suite 520, Pasadena CA 91101, United States

Manufacturer/Factory: MedSense Labs, LLC

Address of Manufacturer/Factory: 2 N Lake Ave. Suite 520, Pasadena CA 91101, United States

Equipment Under Test (EUT)

Product Name: Brux Aware Charger

Model No.: 11322_CASE_M and 11322.1256

Trade Mark: Brux Aware

FCC ID: 2BUJ7-A200

Applicable standards: FCC CFR Title 47 Part 1 §1.1307
FCC CFR Title 47 Part 1 §1.1310
FCC CFR Title 47 Part 2 §2.1091
KDB 680106 D01 Wireless Power Transfer v04

Date of sample receipt: May 07, 2026

Date of Test: May 08, 2026-June 03, 2026

Date of report issued: June 04, 2026

Test Result : PASS *

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



Robinson Luo
Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

2 Version

Version No.	Date	Description
00	June 04, 2026	Original

Tested By:

Jaidev. Gai

Date:

June 04, 2026

Test Engineer

Prepared By:

Isabelle

Date:

June 04, 2026

Project Engineer

Check By:

Robinson

Date:

June 04, 2026

Reviewer

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4 General Information

4.1 General Description of EUT

Product Name:	Brux Aware Charger
Model No.:	11322_CASE_M and 11322.1256
S/N:	N/A
Test sample(s) ID:	GTS2026050038-1
Sample(s) Status	Engineer sample
Operation Frequency:	208.67kHz
Modulation type:	ASK
Antenna Type:	Inductance Coil Antenna
Antenna gain:	0dBi
Power supply:	Wireless Output:5W Adapter Mode: ZD20P-C-M Input:AC 100-240V, 50/60Hz, 0.6A Max Output: Type C DC 5.0V/3.0A or DC 9.0V/2.22A or DC 12V/1.67A(20W max)

Disclaimer statement:

1. Antenna gain information provided by the customer, and the laboratory is not responsible for its authenticity.
2. The information in this section is provided by the applicant or manufacturer, GTS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Test Facility

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

- **FCC—Registration No.: 381383**

Designation Number: CN5029

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files.

- **ISED—Registration No.: 9079A**

CAB identifier: CN0091

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing

- **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

4.3 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 123- 128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480

Fax: 0755-27798960

4.4 Description of Support Units

Manufacturer	Description	Model	S/N
MedSense Labs, LLC	Brux Aware Biofeedback device	11120_SPLINT and 11120.1232	N/A

4.5 Deviation from Standards

None.

4.6 Abnormalities from Standard Conditions

None.

4.7 Other Information Requested by the Customer

None.

5 Requirements

Test Methodology:

The tests documented in this report were performed in accordance with FCC CFR Title 47 Part 1 §1.1307, FCC CFR Title 47 Part 1 §1.1310, FCC CFR Title 47 Part 2 §2.1091 and KDB Wireless Power Transfer v04.

Limit:

Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

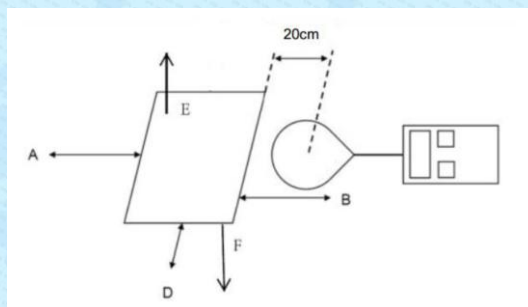
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) 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.

Method Of Measurement:

- The RF exposure test was performed in shielded chamber.
- The geometric centre of probe was placed at 20 cm test distance surrounding the device and 20 cm above the top surface.
- The measurement probe used to search of highest strength.
- The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- The EUT were measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.

Test Setup:



Note: As bottom point is not required to test for desktop devices

Equipment Approval Considerations:

The EUT comply with 680106 D01 Wireless Power Transfer v04.

1. Power transfer frequency is less than 1 MHz.

Yes, the device operated in the frequency range from 208.67kHz.

2. Output power from each primary coil is less than or equal to 15 Watts.

Yes, The maximum output power of each primary coil is 5 watts.

3. Client device is placed directly in contact with the transmitter.

Yes, Client device is placed directly in contact with the transmitter.

4. Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).

Yes, The EUT is a mobile device.

5. The aggregate H-field strengths anywhere at or beyond 20 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.

Yes; The EUT's field strength levels are less than 50% of the MPE limit.

6. The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.

Yes, the client device includes one coil

Measuring Instrument Used:

Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Electric and Magnetic Field Analyzer	Narda	EHP-200A	GTS614	2025.11.11	2026.11.10

E Field And H Field Strength Test Result:

Mode	Description	Remark
1	EUT+ Brux Aware	99% load
2	EUT+ Brux Aware	50% load
3	EUT+ Brux Aware	1%load

Report No.: GTS2026050038F02

Pre-scan all test modes, found worst case at 99% load, and so only show the test result of it.

H-Filed Strength at 20 cm from the edges surrounding the EUT and 20 cm above the top surface of the EUT (A/m)

20cm				20cm	Limits(A/m)	50% Limits(A/m)
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
0.41	0.60	0.58	0.54	0.50	1.63	0.815

E-Filed Strength at 20 cm from the edges surrounding the EUT and 20 cm above the top surface of the EUT (V/m)

20cm				20cm	Limits(V/m)	50% Limits(V/m)
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
2.79	3.12	3.11	3.18	2.89	614	307

6 Test Setup Photo

Reference to the **appendix I** for details.

-----End-----