

# TEST REPORT

**Report Number. :** R14722187-S3V2

**Applicant :** HUMANE, INC.  
969 FOLSOM ST. SAN FRANCISCO,  
CA 94107, USA

**Model :** HU0223

**FCC ID :** 2BAFM-HU223

**EUT Description :** Wireless Charger

**Test Standard(s) :** FCC PART 1 SUBPART I  
FCC PART 2 SUBPART J

**Date Of Issue:**  
2023-06-27

**Prepared by:**  
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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	2023-06-17	Initial Issue	---
V2	2023-06-27	Section 5 – Updated text Appendix A – Separated test setup photos from main body of the report	Dave Weaver

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## 1. ATTESTATION OF TEST RESULTS

**COMPANY NAME:** HUMANE, INC.  
969 FOLSOM ST.  
SAN FRANCISCO,  
CA 94107, USA

**EUT DESCRIPTION:** Wireless Charger

**MODEL NUMBER:** HU0223

**BRAND:** Humane

**SERIAL NUMBER:** 1B1E2D2B15008

**SAMPLE RECEIPT DATE:** 2023-01-23

**DATE TESTED:** 2023-01-23

APPLICABLE STANDARDS FCC PART 1 SUBPART I & PART 2 SUBPART J
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UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.

Approved & Released For  
UL Verification Services Inc. By:



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Dave Weaver  
Operations Leader  
Consumer Technology Division  
UL Verification Services Inc.

## 2. TEST METHODOLOGY

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for the validity of results after the integration of the data provided by the customer.

All testing / calculations were made in accordance with

- FCC KDB [447498 D01 General RF Exposure Guidance v06](#)
- FCC KDB [447498 D03 Supplement C Cross-Reference v01](#)
- FCC KDB [680106 D01 RF Exposure Wireless Charging Apps v03r01](#)

## 3. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
<input checked="" type="checkbox"/>	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
<input type="checkbox"/>	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
<input type="checkbox"/>	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			

## 4. DECISION RULES AND MEASUREMENT UNCERTAINTY

### 4.1. METROLOGICAL TRACEABILITY

All test and measuring equipment used to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

### 4.2. DECISION RULES

There are no pass or fail verdicts in this report. Results are provided for comparison to RF Exposure simulation data provided in a separate report.

### 4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test	Equipment	Uncertainty k=2
Magnetic Field	Exposure Level Meter	1.10 dB
Electric Field	Exposure Level Meter	0.91 dB

Uncertainty figures are valid to a confidence level of 95%.

## 5. DEVICE UNDER TEST

### 5.1. DESCRIPTION OF DUT

The DUT is a wireless charger intended for body worn use with Humane HU0123 (FCC ID 2BAFM-HU123) acting as the WPT client device. The DUT and client device are magnetically attached to each other through the user's clothing.

HU0123 was used as the client during testing.

Testing of the device was based on FCC guidance provided via KDB enquiry. A piece of cloth was placed between the DUT and client device during testing. The rear of the DUT coupled with the client was assessed.

Refer to Humane report number HU0223-06072023-12VL for a more detailed description of the DUT.

### 5.2. SOFTWARE AND FIRMWARE

The firmware version installed in the EUT during testing was B1-32a. This is test firmware that forces the maximum power transfer of 5 W during testing.

## 6. TEST EQUIPMENT

The following test equipment was used for the tests documented in this report:

Test Equipment List					
Description	Manufacturer	Model	Label ID	Cal Due	Cal Date
Electric and Magnetic Field Probe	Narda	EHP-200A	87095	2023-03-10	2022-03-10

## 8. TEST RESULTS

E and H field measurements were performed at set distances from the body facing side of the DUT. The distance was measured from the center of the probe. The DUT was configured to provide 5 W to the target device. No harmonics (or other signals) were observed within 20 dB of the fundamental.

Test Distance (cm)	Measured WPT Frequency (kHz)	E field (V/m)	H-Field (A/m)
4	182.5	39.7	1.401
6	182.5	7.03	0.503
8	182.5	3.06	0.228
10	182.5	1.45	0.123



## **Appendixes**

**Refer to separated files for the following appendix.**

**Appendix A: SAR Setup Photos**

**END OF TEST REPORT**