

TEST REPORT

Report Number. : 14932130-E2V3

Applicant : WiTricity Corporation
57 Water Street
Watertown, MA, 02472
US

Model : GWA1100

FCC ID : 2BFEF-WWA1101

EUT Description : Charging Pad

Test Standard(s) : KDB 680106 D01 Wireless Power Transfer v04

Date Of Issue:

2025-05-21

Prepared by:

UL Verification Services Inc.
47173 Benicia Street
Fremont, CA 94538 U.S.A.
TEL: (510) 319-4000
FAX: (510) 661-0888

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-02-18	Initial Issue	---
V2	2025-05-07	Section 6, 8 Updated	Henry Lau
V3	2025-05-21	Section 5.1 & 5.2 Updated	Henry Lau

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	4
2. TEST METHODOLOGY	Error! Bookmark not defined.
3. FACILITIES AND ACCREDITATION	Error! Bookmark not defined.
4. DECISION RULES AND MEASUREMENT UNCERTAINTY ...	Error! Bookmark not defined.
4.1. METROLOGICAL TRACEABILITY	Error! Bookmark not defined.
4.2. DECISION RULES.....	Error! Bookmark not defined.
4.3. MEASUREMENT UNCERTAINTY.....	Error! Bookmark not defined.
5. EQUIPMENT UNDER TEST	Error! Bookmark not defined.
5.1. DESCRIPTION OF EUT, OPERATING FREQUENCY AND POWER.	Error! Bookmark not defined.
5.2. DESCRIPTION OF AVAILABLE ANTENNAS/COILS.....	Error! Bookmark not defined.
5.3. SOFTWARE AND FIRMWARE.....	Error! Bookmark not defined.
5.4. WORST-CASE CONFIGURATION AND MODE.....	Error! Bookmark not defined.
6. TEST MEASUREMENT EQUIPMENT AND METHODS.....	Error! Bookmark not defined.
6.1. Magnetic Field Measurement Units.....	Error! Bookmark not defined.
6.2. Operation of Narda ELT-400 Instrument	Error! Bookmark not defined.
6.3. Data Visualization	Error! Bookmark not defined.
7. MAXIMUM PERMISSIBLE RF EXPOSURE	Error! Bookmark not defined.
7.1. FCC LIMITS AND SUMMARY	Error! Bookmark not defined.
7.1.1. MAXIMUM RESULT SUMMARY	Error! Bookmark not defined.
7.1.2. H- FIELD MEASUREMENTS.....	Error! Bookmark not defined.
8. RF EXPOSURE TEST SETUP AND SETUP PHOTO.....	Error! Bookmark not defined.
9. Appendix of Raw Data	Error! Bookmark not defined.
10. Appendix: Witricity Exposure Test Plan.....	Error! Bookmark not defined.

1. ATTESTATION OF TEST RESULTS

COMPANY NAME: WiTricity Corporation
57 Water Street
Watertown, MA, 02472
US

EUT DESCRIPTION: Charging Pad

MODEL NUMBER: GWA1100

BRAND: WiTricity

SERIAL NUMBER: GWA11001023252000300

SAMPLE RECEIPT DATE: 2023-10-20

DATE TESTED: 2023-12-12

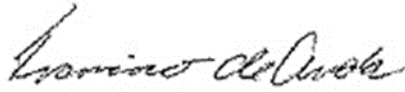
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
KDB 680106 D01 Wireless Power Transfer v04	Complies

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:



Francisco de Anda
Staff Engineer
Consumer Technology Division
UL Verification Services Inc.

Prepared By:



Henry Lau
Senior Project Engineer
Consumer Technology Division
UL Verification Services Inc.



Figure 1: WiTricity Halo™ wireless power system

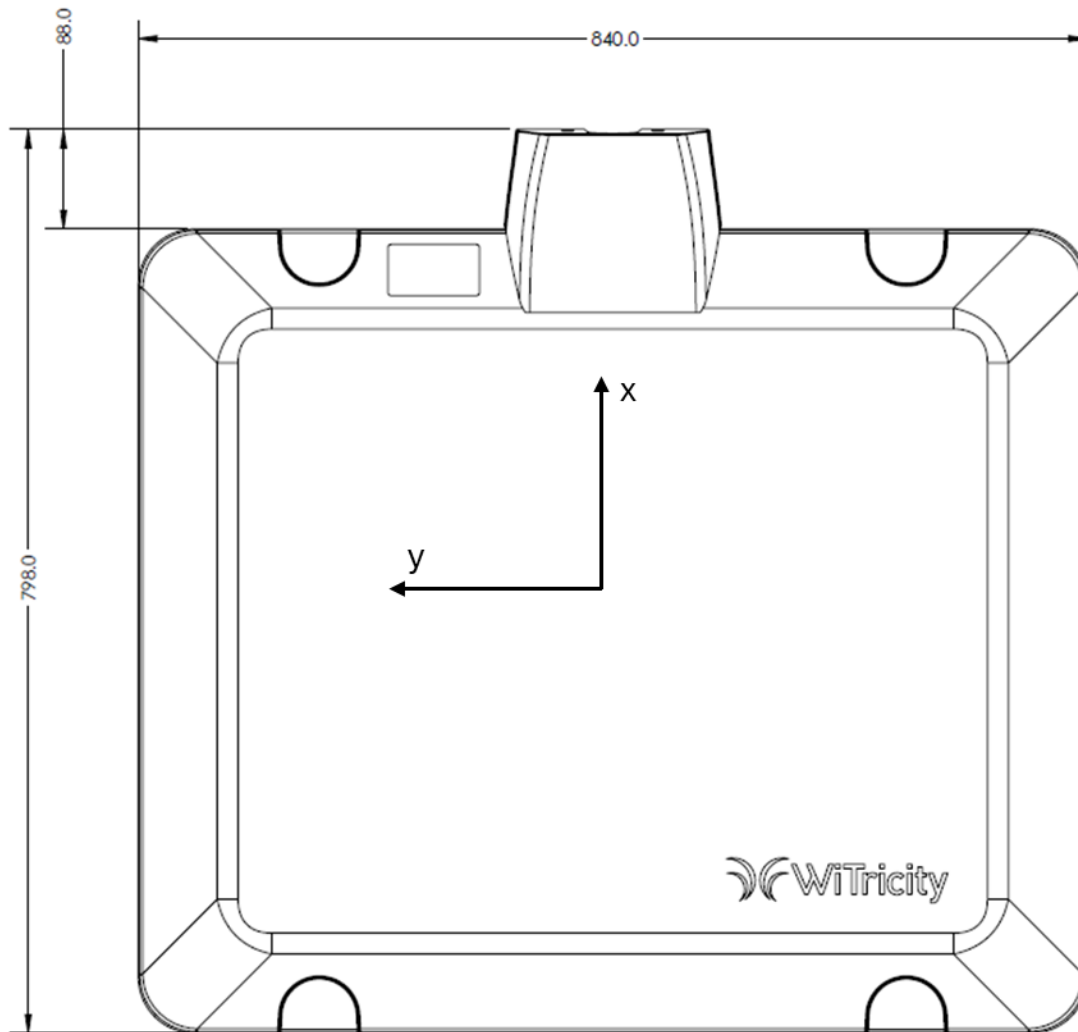




Figure 7: WiTricity Halo™ wireless power system

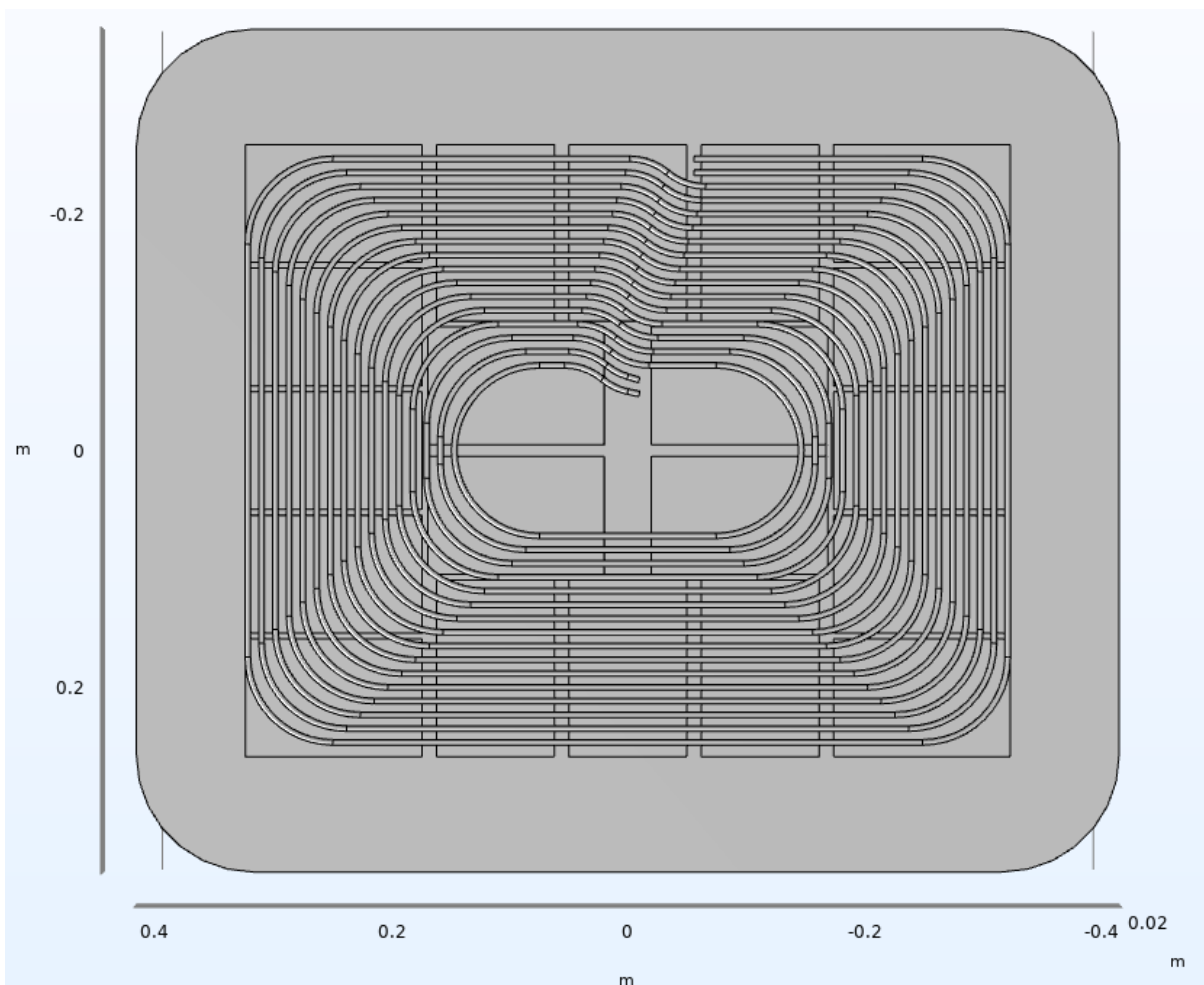


Figure 8. Top view of the ground pad showing the bi-filar coil and ferrite tiles.

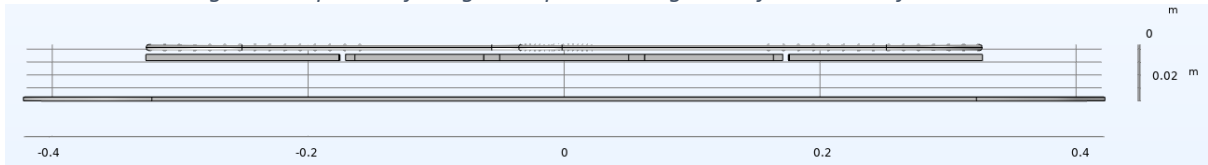


Figure 9. Side view of the ground pad showing the aluminum backplate at the bottom, the ferrite tiles with the coil above it. Electronic circuit boards for the detections sensors and resonant capacitors reside in the space between the backplate and the ferrite (not shown).

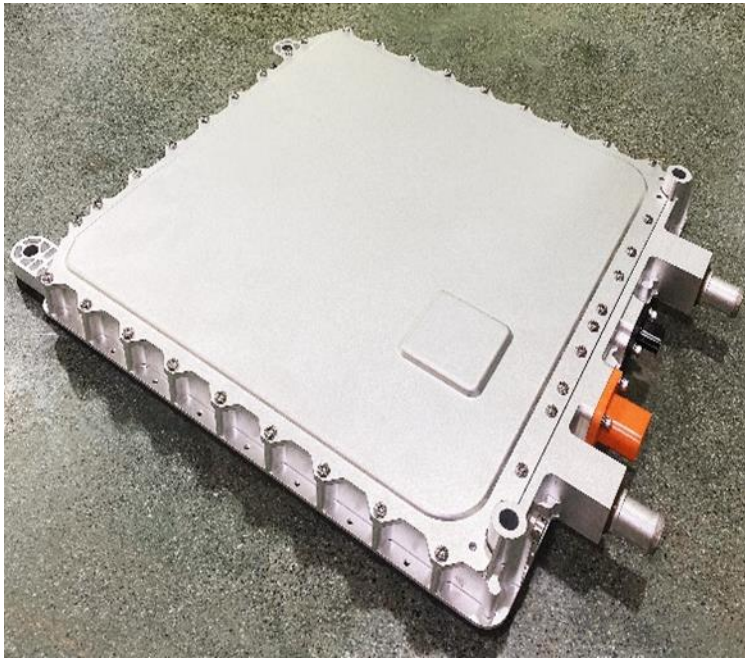


Figure 10. WiTricity Halo Receiver including coil and electronics.

END OF TEST REPORT