

# Xianyang Huafei Precision Machining Co., Ltd.

## TEST REPORT

### SCOPE OF WORK

SAR Assessment – Pura 3

### REPORT NUMBER

240508040SZN-001

### ISSUE DATE

20 May 2024

### [REVISED DATE]

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### PAGES

6

### DOCUMENT CONTROL NUMBER

RF Exposure

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## Test Report

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Qindu District, Xianyang, Shaanxi, China

Sample Description : Portable Power Station  
Product Model No. : Purea 3  
Brand Name : AMPAURA  
Electrical Rating : Wireless charging output 1: 15W Max.  
Wireless charging output 2: 15W Max.

Date Received : 08 May 2024  
Date Test Conducted : 17 May 2024

Test Requested : Test for compliance with CFR 47 part 1  
Test Method : Environmental evaluation and exposure limit according to FCC CFR 47  
part 1, 1.1307(c) and (d), 1.1310 KDB 680106 D01 RF Exposure  
Wireless Charging App v04r01

Test Result : Pass  
Conclusion : When determining of test conclusion, measurement uncertainty of  
tests have been considered.

**Prepared and Checked By:****Approved By:**

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**Jeff Liang**  
Project Engineer

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**Ryan RQ Chen**  
Sr. Project Engineer  
Date: 20 May 2024

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**Intertek Testing Services Shenzhen Ltd. Longhua Branch**

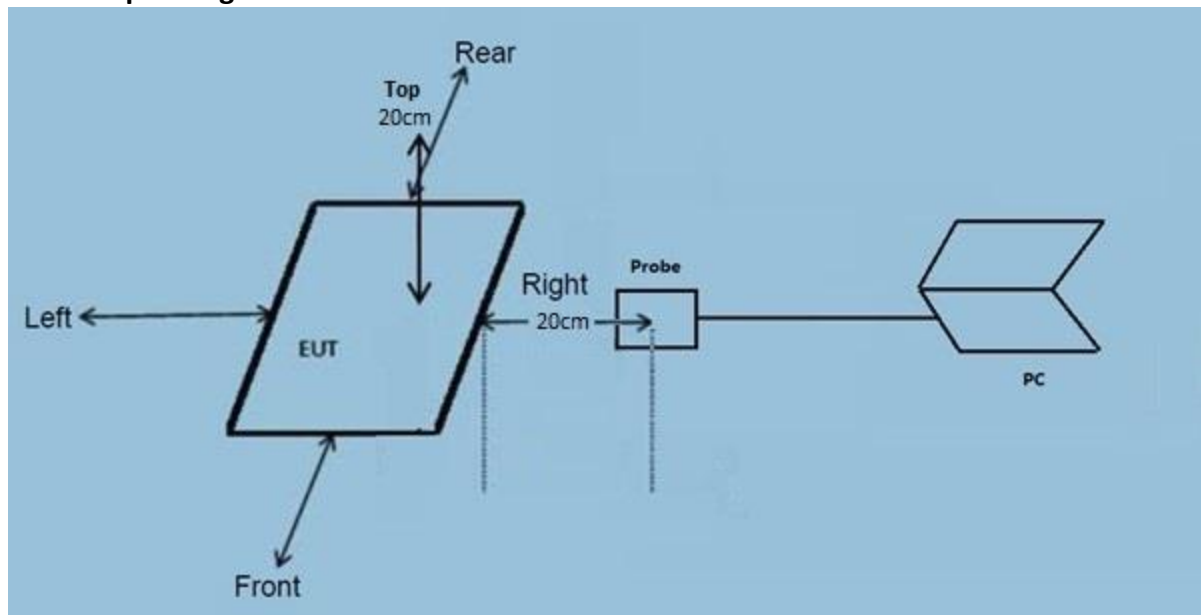
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## Test Report

### Test Setup Configuration



**Note:**

- The RF exposure test is performed in the shield room.
- The test distance is between the edge of the charger and the geometric centre of probe.

### Test Equipment List

Equipment No.	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
SZ186-06	The Magnetic Amplitude and Gradient Probe System	SPEAG	MAGPy-8H3D+E3D	3094	2024-03-07	2025-03-07

### This product was tested in the following configuration:

Description	Manufacturer	Detail
Intelligent wireless charging full function test module	N/A (Provided by Intertek)	N/A

### Justification

The test system was pre-scanning tested based on the consideration of following EUT operation mode. and only the worst-case data was shown in this report.

Pertest mode	Description
Mode 1	Standby mode
Mode 2	1% load
Mode 3	50% load
Mode 4	100% load

**Reference Limit:**

**Environmental evaluation and exposure limit according to FCC CFR 47 part 1, 1.1307(c) and (d), 1.1310**

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation.

**Limits For Maximum Permissible Exposure (MPE)**

Frequency Range (MHz)	Electric Field strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm <sup>2</sup> )	Average Time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3 – 1.34	614	1.63	(100) *	30

Note: \* = Plane wave equivalent power density

**Test Result:**

During test, the mobile and earbud is being charged.

Worst Case Operating Mode: Mode 4

**Test Result for wireless power transmit part:**
**H-Field Strength at 20 cm surrounding the EUT and 20cm above the top surface of the EUT**

Frequency Range (MHz)	Wireless charging Coil	Probe Position (A/m)					Limits (A/m)
		Front	Rear	Left	Right	Top	
0.115-0.148	Single Left	0.02	0.06	0.10	0.06	0.09	1.63
0.115-0.148	Single Right	0.10	0.11	0.08	0.02	0.06	1.63
0.115-0.148	Simultaneous (Left + Right)	0.04	0.12	0.09	0.10	0.07	1.63
0.115-0.148	Standby	0.004	0.01	0.004	0.003	0.27	1.63

**E-Field Strength at 20 cm surrounding the EUT and 20cm above the top surface of the EUT**

Frequency Range (MHz)	Wireless charging Coil	Probe Position(V/m)					Limits (V/m)
		Front	Rear	Left	Right	Top	
0.115-0.148	Single Left	0.15	0.23	0.11	1.23	1.12	614
0.115-0.148	Single Right	0.23	0.20	0.19	0.14	0.18	614
0.115-0.148	Simultaneous (Left + Right)	0.25	0.31	0.23	0.23	1.12	614
0.115-0.148	Standby	0.44	0.51	0.34	0.27	1.54	614

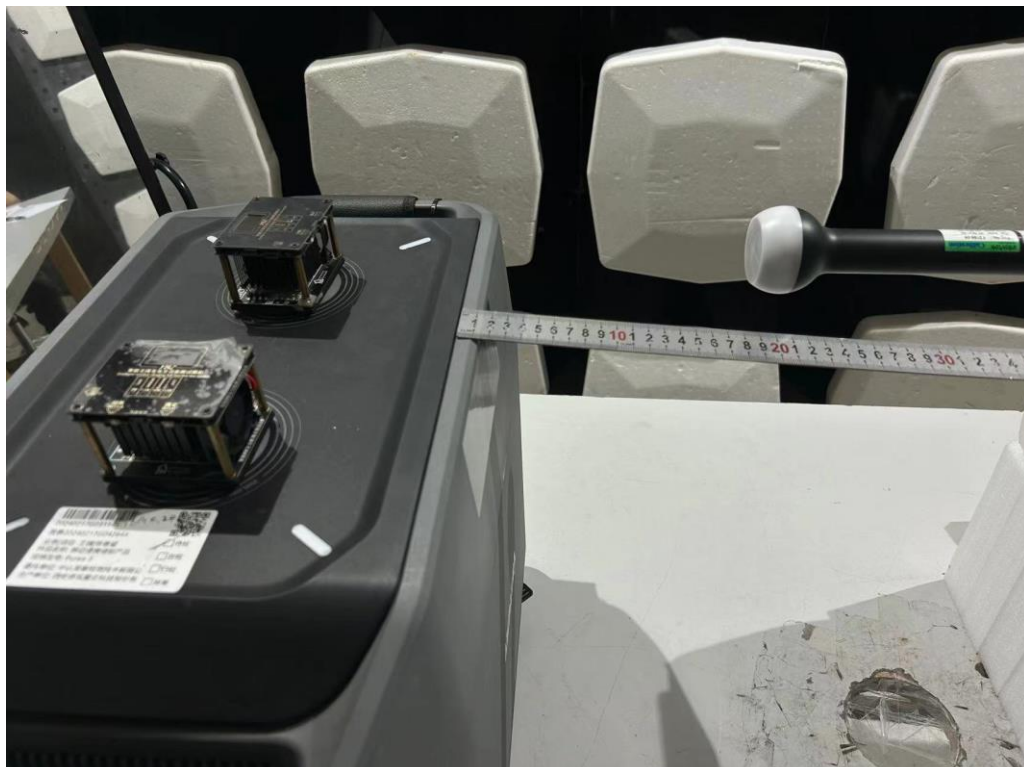
## Configuration photo of the test:

### H-Field & E-Field Strength test photos

Front



Rear



Left

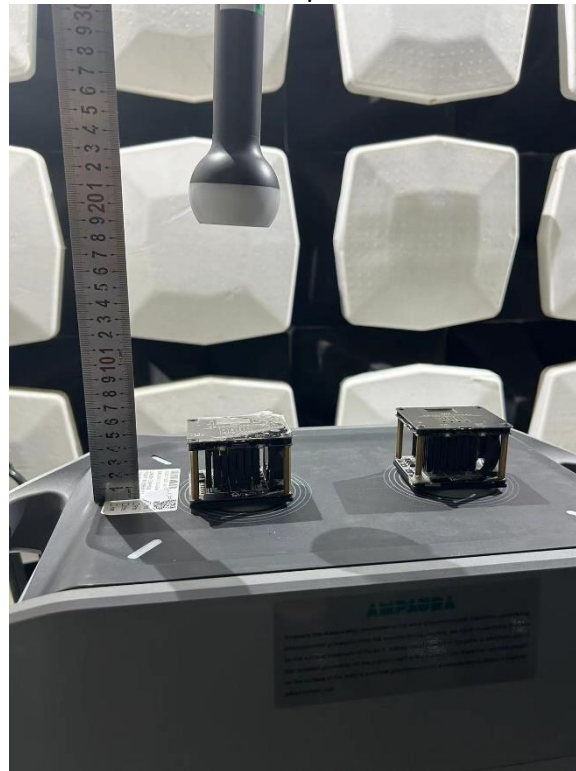


Right





Top



\*\*\*\*\* End of Report \*\*\*\*\*