

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]

[-----]

PAGES

6

DOCUMENT CONTROL NUMBER

RF Exposure

© 2017 INTERTEK



Test Report

Applicant : Xianyang Huafei Precision Machining Co., Ltd.
No. 31901, Floor 19, Unit 3, Building 2, Jingdu Jiayuan, Liucang Street,
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:

Jeff Liang
Project Engineer

Approved By:

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

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Intertek Testing Services Shenzhen Ltd. Longhua Branch

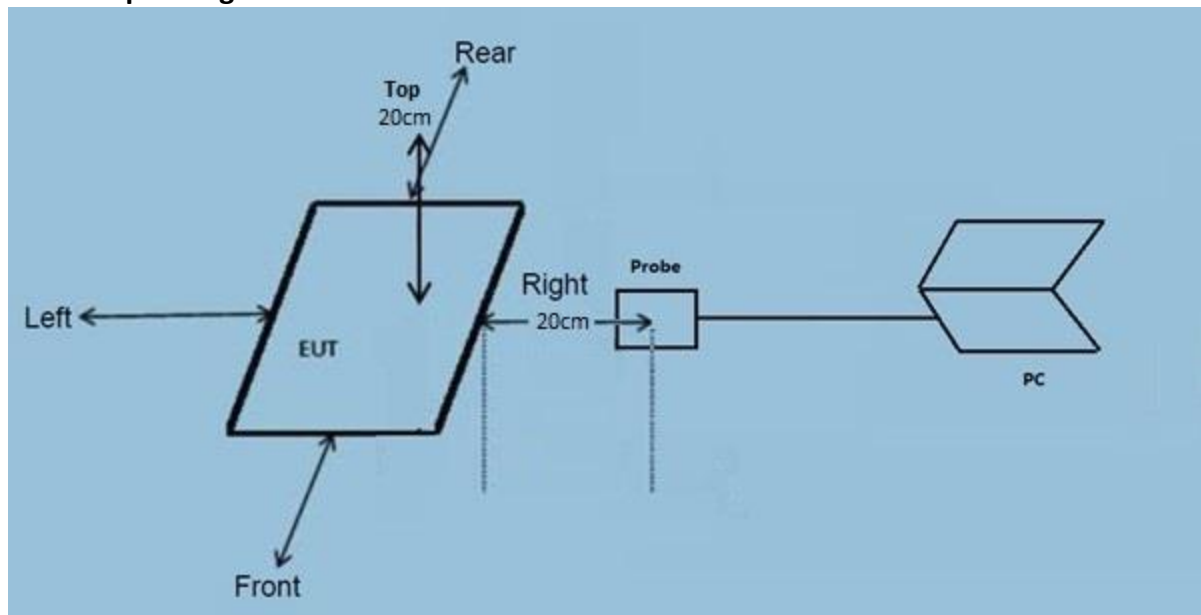
101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, ShenZhen.

Tel: (86 755) 8601 6288

Fax: (86 755) 8601 6751

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 ²)	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

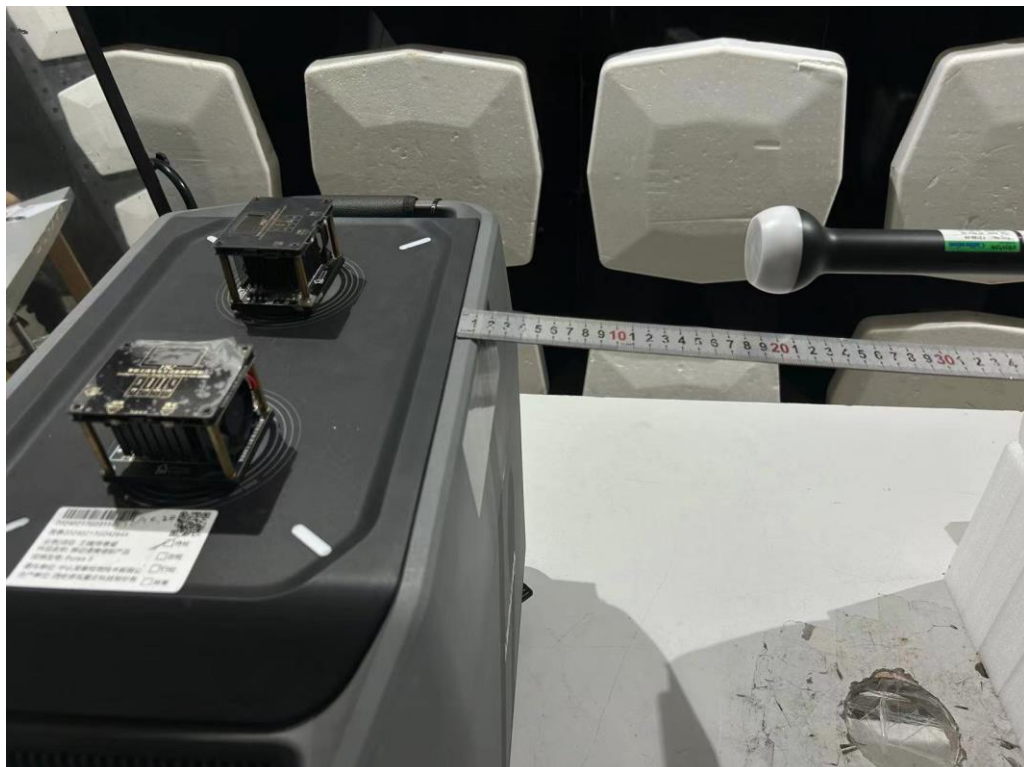
Configuration photo of the test:

H-Field & E-Field Strength test photos

Front



Rear



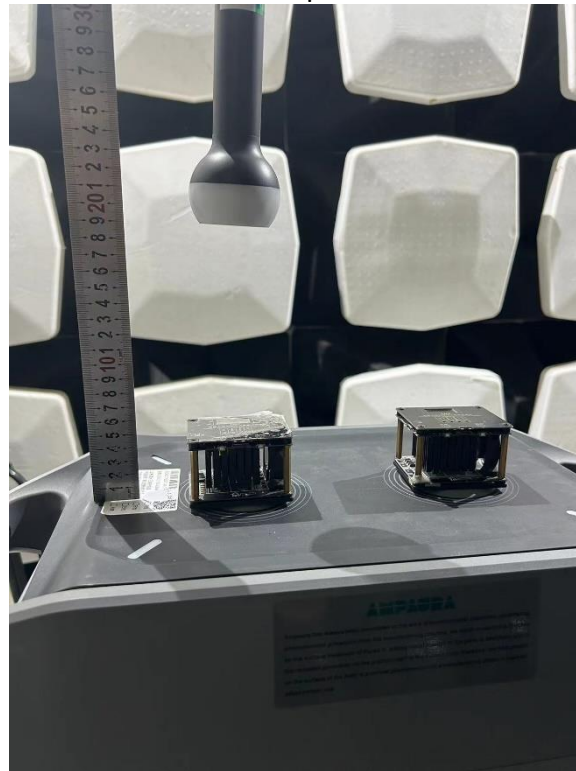
Left



Right



Top



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