

# ASAP Technology (jiangxi) Co., Ltd

## TEST REPORT

### SCOPE OF WORK

SAR Assessment– 080-08-3220

### REPORT NUMBER

240430020SZN-002

### ISSUE DATE

25 June 2024

### [REVISED DATE]

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### PAGES

4

### DOCUMENT CONTROL NUMBER

RF Exposure

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## Test Report

Applicant : ASAP Technology (jiangxi) Co., Ltd  
Ji'an Industrial Park, Ji'an, Jiangxi 343100 China

Sample Description

Product : Wireless charger

Model No. : 080-08-3220

Brand Name : dealworthy

Electrical Rating : Input: DC 5V 3A, 9V 2.22A, 12V 1.5A  
Wireless Output: 10.0W Max

Date Received : 30 April 2024

Date Test Conducted : 30 April 2024 to 25 June 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 v04

Test Result : Pass

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

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**Senior Project Engineer**  
**Date: 25 June 2024**

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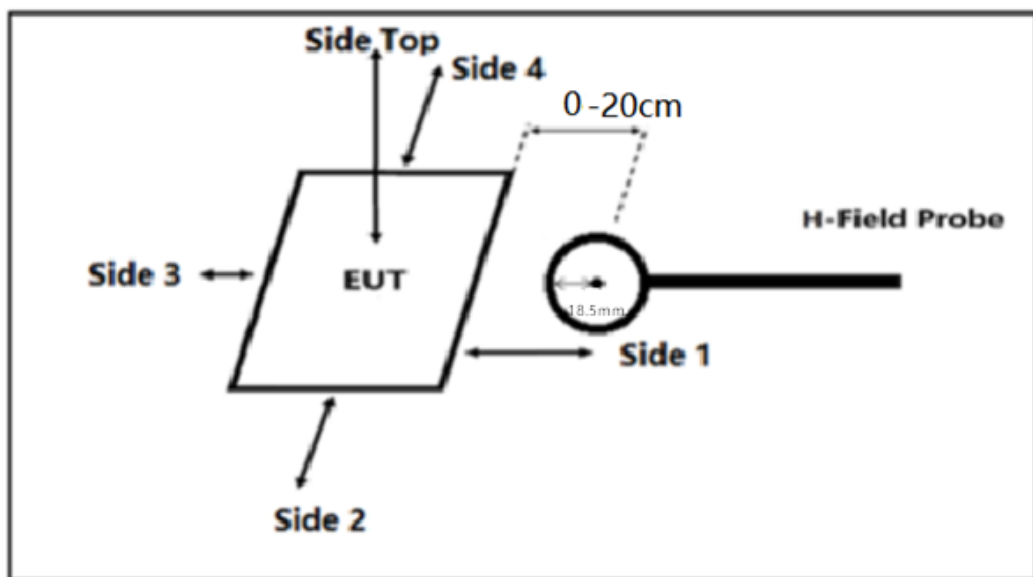
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## Test Report

### 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 the measurement probe.

### Test Equipment List

Equipment No.	Equipment	Manufacturer	Model No.	Cal. Date	Due Date
SZ186-06	The Magnetic Amplitude and Gradient Probe System	SPEAG	MAGPy-8D3D+E3D	2024-03-07	2025-03-07

### Support Equipment List

Description	Manufacturer	Detail
Mobile phone	Samsung (Provided by Intertek)	Model: Samsung (SM-G9300)
Adapter	Quick Wall Charger (Provided by Client)	Model: 080-08-3220 Input: 100-240Vac 50/60Hz 0.5A Output: 5Vdc 3A, 9Vdc 2A, 12Vdc 1.5A

**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: Pass**
**H-Field Strength at 20 cm surrounding the EUT**

Frequency Range (MHz)	EUT Operation mode	Probe Position Front (A/m)	Probe Position Rear (A/m)	Probe Position Left (A/m)	Probe Position Right (A/m)	Probe Position Top (A/m)	Limits (A/m)
0.115-0.205	1% Battery Level	0.35	0.30	0.33	0.35	0.38	1.63
0.115-0.205	50% Battery Level	0.32	0.29	0.31	0.34	0.34	1.63
0.115-0.205	99% Battery Level	0.29	0.26	0.29	0.33	0.31	1.63
0.115-0.205	Stand-by	0.25	0.24	0.26	0.29	0.30	1.63

**E-Field Strength at 20 cm surrounding the EUT**

Frequency Range (MHz)	EUT Operation mode	Probe Position Front (V/m)	Probe Position Rear (V/m)	Probe Position Left (V/m)	Probe Position Right (V/m)	Probe Position Top (V/m)	Limits (V/m)
0.115-0.205	1% Battery Level	2.85	3.26	4.44	3.22	3.19	614
0.115-0.205	50% Battery Level	2.66	3.15	4.32	3.18	3.13	614
0.115-0.205	99% Battery Level	2.52	3.11	4.16	3.15	3.14	614
0.115-0.205	Stand-by	2.24	3.07	4.11	3.12	3.10	614

**Configuration photo of the test:**

Please refer to RF Exposure setup photos. pdf.

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