

MerchSource, LLC.

TEST REPORT

SCOPE OF WORK

SAR ASSESSMENT-1008900

REPORT NUMBER

190611074SZN-002

ISSUE DATE

23 AUGUST 2019

[REVISED DATE]

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PAGES

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DOCUMENT CONTROL NUMBER

RF Exposure

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TEST REPORT**Intertek Report No.: 190611074SZN-002****Test Report**

Applicant : MerchSource, LLC.

Applicant Address : 7755 Irvine Center Drive, Suite 100, Irvine, California, United States

Sample Description

Product : Charging Stand Wireless 10 Watt

Model No. : 1008900

Brand Name : Sharper Image

Electrical Rating : Input 5.3Vdc/2A or 9V/1.7A via USB port through adapter

Date Received : 11 June 2019

Date Test Conducted : 12 June 2019 to 21 August 2019

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

Test Result : Pass

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

Prepared and Checked by:**Approved by:**

Winkey Wang
Senior Project Engineer

Kidd Yang
Technical Supervisor
Date: 23 August 2019

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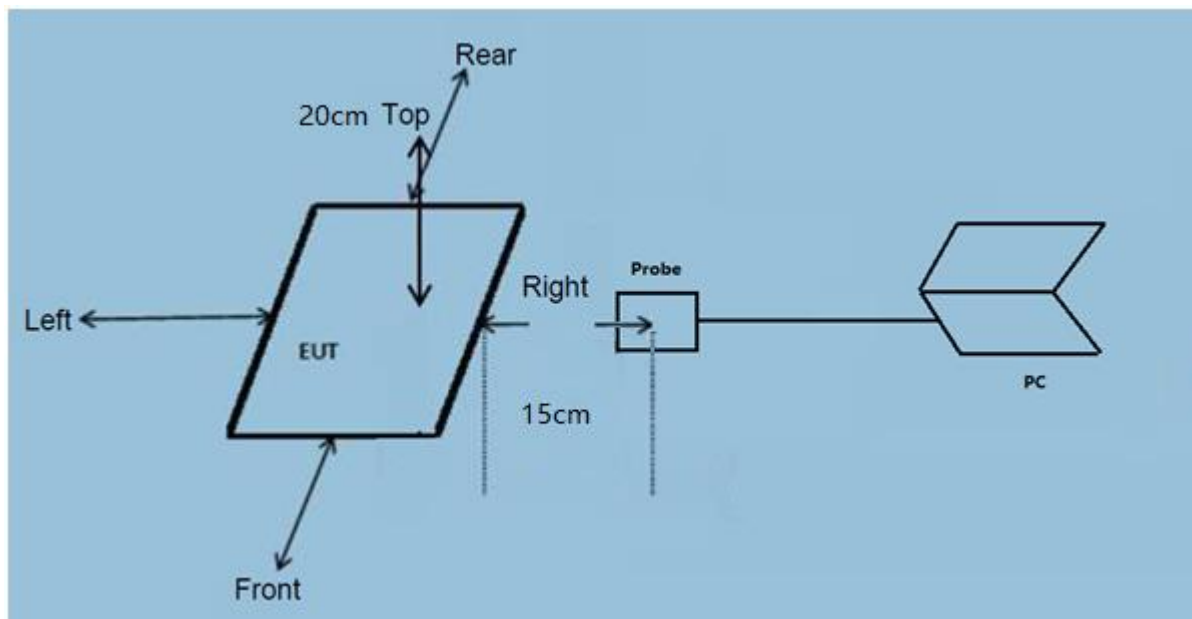
Intertek Testing Services Shenzhen Ltd. Longhua Branch

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
SZ186-04	Exposure Level Tester	Narda	EHP-50F	510WY90119	27-June-2019	27-June-2020

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:
H-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of 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)
0.110-0.205	1% battery level	0.129	0.385	0.275	0.376	0.212	1.63
0.110-0.205	50% battery level	0.127	0.371	0.271	0.381	0.223	1.63
0.110-0.205	99% battery level	0.118	0.372	0.282	0.392	0.218	1.63

E-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of 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)
0.110-0.205	1% battery level	5.095	3.977	3.837	3.912	3.613	614
0.110-0.205	50% battery level	5.172	3.865	3.864	4.313	3.822	614
0.110-0.205	99% battery level	5.183	3.912	3.721	3.988	3.795	614

Photo of the test

Front View



Back View



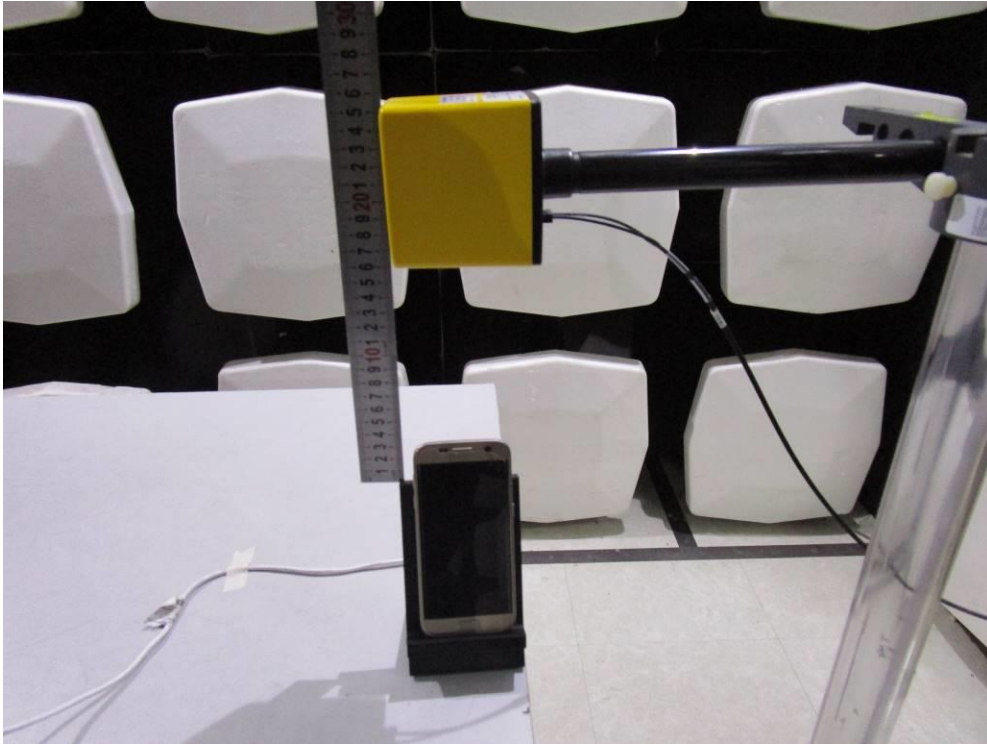
Left View



Right View



Top View



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