



**FCC RF EXPOSURE  
CERTIFICATION TEST REPORT**

*For*

**Sous Vide**

**MODEL NUMBER: SV03**

**FCC ID: 2A6RN-WCT1000**

**REPORT NUMBER: 4790790773-RF-2**

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*Prepared for*

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	04/27/2023	Initial Issue	



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## 1. ATTESTATION OF TEST RESULTS

### Applicant Information

Company Name: Shenzhen Typhur Technology Co., Ltd  
Address: 22 Floor, Prince Plaza, 51 Taizi Road Shuiwan Community,  
Zhaoshang Shenzhen China

### Manufacturer Information

Company Name: Shenzhen Typhur Technology Co., Ltd  
Address: 22 Floor, Prince Plaza, 51 Taizi Road Shuiwan Community,  
Zhaoshang Shenzhen China

### EUT Information

EUT Name: Sous Vide  
Model: SV03  
Sample Received Date: March 31, 2023  
Sample Status: Normal  
Sample ID: 5940396  
Date of Tested: April 14, 2023 ~ April 21, 2023

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47CFR§1.1307	PASS
FCC 47CFR§1.1310	PASS
FCC 47CFR§2.1093	PASS
FCC 47CFR§2.1091	PASS

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## 2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC 47CFR§1.1307(b)(1), FCC 47CFR§1.1310, FCC 47CFR§2.1093, KDB 680106 D01 RF Exposure Wireless Charging App v03r01.

## 3. FACILITIES AND ACCREDITATION

Accreditation Certificate	<p><b>A2LA (Certificate No.: 4102.01)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p><b>FCC (FCC Designation No.: CN1187)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p><b>ISED (Company No.: 21320)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p><b>VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)</b> UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B, the VCCI registration No. is C-20012 and T-20011</p>
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Note: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China



#### 4. DESCRIPTION OF EUT

EUT Name	Sous Vide	
Model	SV03	
Product Description	Operation Frequency	111 ~ 205 kHz
Rated Output Power	5 W	
Antenna type	Coil	
Ratings	AC 120 V, 60 Hz	

## 5. REQUIREMENT

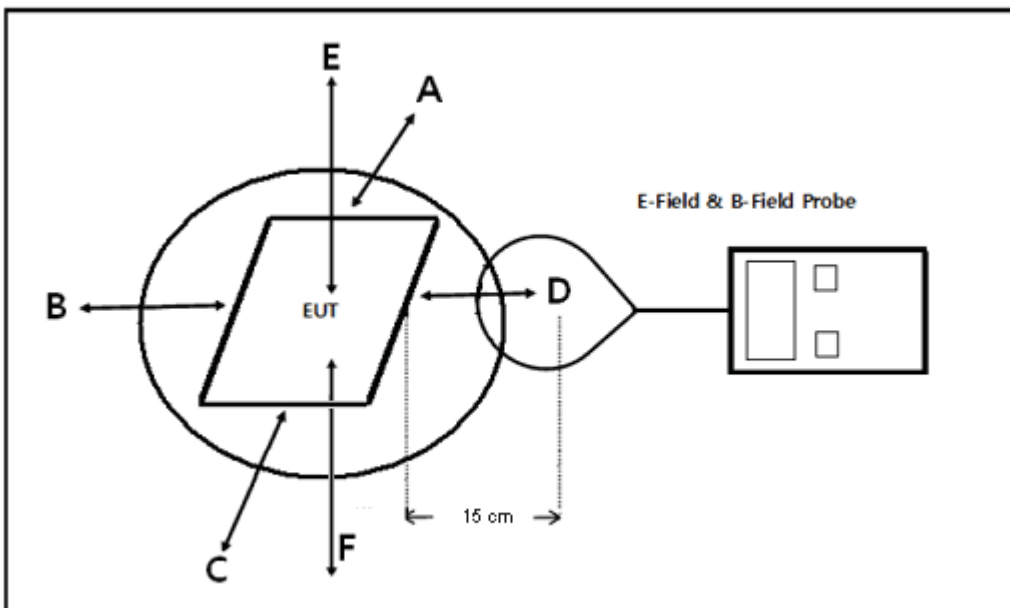
### LIMIT

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm <sup>2</sup> )	Averaging Time  E  <sup>2</sup> ,  H  <sup>2</sup> or S (Minutes)
0.3 -- 1.34	614	1.63	(100)*	30
1.34 -- 30	824/f	2.19/f	(180/f <sup>2</sup> )*	30
30 -- 300	27.5	0.073	0.2	30
300 -- 1500	--	--	f/1500	30
1500 -- 100,000	--	--	1.0	30

### METHOD OF MEASUREMENT

- The RF exposure test was performed in shielded chamber.
- The geometric centre of probe was placed at 15 cm test distance surrounding the device and 15 cm above the top surface.
- The measurement probe used to search of highest strength.
- The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- The EUT were measured according to the dictates of KDB 680106 D01 RF Exposure Wireless Charging App v03r01.

### BLOCK DIAGRAM OF TEST SETUP



Note: As bottom point is not required to test for desktop devices, so we scanning all the surfaces and recorded the worst level in F.

**EQUIPMENT APPROVAL CONSIDERATIONS**

The EUT comply with 680106 D01 RF Exposure Wireless Charging App v03r01.

- 1) Power transfer frequency is less than 1 MHz.  
Yes; the device operated in the frequency range from 111 kHz to 205 kHz.
- 2) Output power from each primary coil is less than or equal to 15 watts.  
Yes; the maximum output power of each primary coil is 5 watts.
- 3) The system may consist of more than one source primary coils, charging one or more clients.  
If more than one primary coil is present, the coil pairs may be powered on at the same time.  
Yes, the transmitter has one coils.
- 4) Client device is placed directly in contact with the transmitter.  
Yes; Client device is placed directly in contact with the transmitter.
- 5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).  
Yes; The EUT is a mobile device.
- 6) The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.  
Yes; The EUT's field strength levels are less than 50% of the MPE limit.

**MEASURING INSTRUMENT USED**

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Electric and Magnetic Field Analyzer	Narda	EHP-200A	170WX90204	June 20, 2022	June 19, 2023



**E FIELD AND H FIELD STRENGTH TEST RESULT**

Test Mode	Description
Mode 1	Charging with 5 W wireless charging load

Note: All the modes had been tested, but only the worst data was recorded in the report.

H-Filed Strength at 15 cm from the edges surrounding the EUT and 15 cm above the top surface of the EUT (A/m)

Test Position	H-Filed Strength Measure Result	Limits (A/m)
	Mode 1	
	A/m	
A	0.1085	1.63
B	0.0823	1.63
C	0.0562	1.63
D	0.0544	1.63
E	0.1613	1.63
F	0.1096	1.63

E-Filed Strength at 15 cm from the edges surrounding the EUT and 15 cm above the top surface of the EUT (V/m)

Test Position	E-Filed Strength Measure Result	Limits (V/m)
	Mode 1	
	V/m	
A	1.0291	614
B	0.4422	614
C	0.4045	614
D	0.4467	614
E	0.4053	614
F	1.0301	614

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**END OF REPORT**