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# RF Exposure Report

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Report No.: AGC08360170701FH03

**APPLICATION PURPOSE** : Original Equipment

**PRODUCT DESIGNATION** : VENTEV WIRELESS CHARGESTAND

**BRAND NAME** : VENTEV

**MODEL NAME** : 599456, 214920

**CLIENT** : NEOSEN ENERGY LLC.

**DATE OF ISSUE** : July 08, 2017

**STANDARD(S)** : KDB 680106 D01

**REPORT VERSION** : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd



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### Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	July 08, 2017	Valid	Original Report

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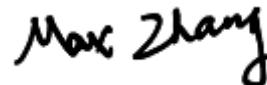
## 1. VERIFICATION OF CONFORMITY

<b>Applicant</b>	NEOSEN ENERGY LLC.
<b>Address</b>	1506 CAPITAL AVE., SUITE 150, PLANO TX 75074
<b>Manufacturer</b>	SUGA ELECTRONICS (DONGGUAN) COMPANY LIMITED
<b>Address</b>	SUGA HIGH TECH IND PARK, 8 FULONG ROAD, SANZHONG, QINGXI TOWN, DONGGUAN, GUANGDONG
<b>Product Designation</b>	VENTEV WIRELESS CHARGESTAND
<b>Brand Name</b>	VENTEV
<b>Test Model:</b>	599456
<b>Series Model</b>	214920
<b>Declaration of Difference</b>	All are the same except the model name.
<b>Date of test</b>	July 07, 2017 to July 08, 2017
<b>Deviation</b>	None
<b>Condition of Test Sample</b>	Normal
<b>Report Template</b>	AGCRT-US-BR/RF (2013-03-01)

We hereby certify that:

The above equipment was tested by Dongguan Precise Testing Service Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in KDB 680106 D01.

Tested by



Max Zhang(Zhang Yi)

July 08, 2017

Reviewed by



Bart Xie(Xie Xiaobin))

July 08, 2017

Approved by



Solger Zhang(Zhang Hongyi)

July 08, 2017

Authorized Officer

## 2. GENERAL INFORMATION

### 2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

<b>Operation Frequency</b>	119.8kHz
<b>Maximum field strength</b>	55.27dBuV/m(AV)@3m
<b>Modulation</b>	FSK
<b>Number of channels</b>	1
<b>Antenna Gain</b>	0dBi
<b>Antenna Designation</b>	Integrated Antenna (Met 15.203 Antenna requirement)
<b>Hardware Version</b>	2.0
<b>Software Version</b>	107
<b>Power Supply</b>	DC 12V

### 3. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION
1	Normal Working Mode

Note:  
1. For Radiated Emission, 3axis were chosen for testing for each applicable mode.

### 4. SYSTEM TEST CONFIGURATION

Item	Equipment	Model No.	ID or Specification	Remark
1	VENTEV WIRELESS CHARGESTAND	599456	2AF63-599456	EUT
2	Adapter	SEW1202000PU	DC 12V/2A	Marketed
3	Smart phone	Sumsung S6 edge+	N/A	Support

### 5. TEST FACILITY

Site	Dongguan Precise Testing Service Co., Ltd.
Location	Building D, Baoding Technology Park, Guangming Road2, Dongcheng District, Dongguan, Guangdong, China.
FCC Registration No.	371540
Description	The test site is constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2014.

### TEST EQUIPMENT LIST

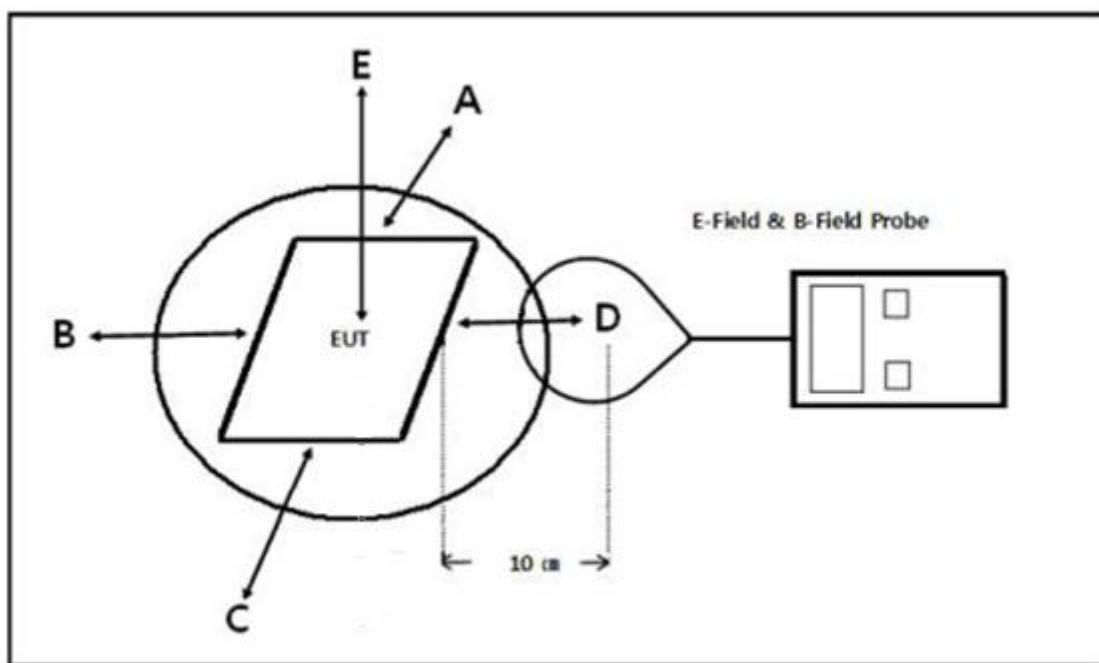
Description	Manufacturer	Model	S/N	Cal. Date	Cal. Due
Broadband Field Meter	Narda Safety Test Solutions GmbH	NBM-550	J-0004	07/16/2016	07/15/2017
Probe FHP	Narda Safety Test Solutions GmbH	FHP-50D	J-0015	07/16/2016	07/15/2017

## 6. RADIO FREQUENCY(RF) EXPOSURE TEST

### 6.1. LIMITS

For devices designed for typical desktop applications, such a wireless charging pads, RF exposure evaluation should be conducted assuming a user separation distance of 10 cm. E and H field strength measurements or numerical modeling may be used to demonstrate compliance. Measurements should be made from all sides and the top of the primary/client pair, with the 10 cm measured from the center of the probe(s) to the edge of the device. Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m.

### 6.2. TEST SETUP



Note: Position A: Front of EUT; Position B: Left of EUT; Position C: back of EUT; Position D: Right of EUT;  
Position E: Top of EUT;

### 6.3. TEST PROCEDURE

The EUT was placed on a non-conductive table top and the ancillary equipment (e.g. mobile phone) was placed on the EUT for charging.

Maximum E-field and H-field measurements were tested 10cm from each side of the EUT.

Along the side of the EUT to center of E-field probe and H-field probe were positioned at the location to search maximum field strength.

### 6.4. TEST RESULT

Test condition: Mode 1

E-field strength test result:

Frequency Range	Probe Position A (V/m)	Probe Position B (V/m)	Probe Position C (V/m)	Probe Position D (V/m)	Probe Position E (V/m)	Limit (V/m)
110kHz-205kHz	2.35	2.41	2.35	2.36	5.71	614

H-field strength test result:

Frequency Range	Probe Position A (A/m)	Probe Position B (A/m)	Probe Position C (A/m)	Probe Position D (A/m)	Probe Position E (A/m)	Limit (A/m)
110kHz-205kHz	0.04	0.04	0.04	0.04	0.24	1.63

Note: Only the date of the worst mode record in this test report.

----END OF REPORT----