
RF Exposure Report

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



CAUTION:

This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.

Report Revise Record

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

TABLE OF CONTENTS

1. VERIFICATION OF CONFORMITY 4

2. GENERAL INFORMATION..... 5

 2.1. PRODUCT DESCRIPTION 5

3. DESCRIPTION OF TEST MODES..... 6

4. SYSTEM TEST CONFIGURATION 6

5. TEST FACILITY..... 6

6. RADIO FREQUENCY(RF) EXPOSURE TEST 7

 6.1. LIMITS..... 7

 6.2. TEST SETUP 7

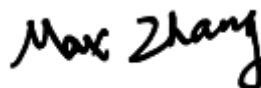
1. VERIFICATION OF CONFORMITY

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



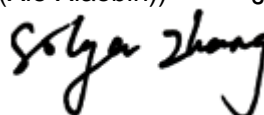
Max Zhang(Zhang Yi) July 08, 2017

Reviewed by



Bart Xie(Xie Xiaobin)) July 08, 2017

Approved by



Solger Zhang(Zhang Hongyi)
Authorized Officer July 08, 2017

2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

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

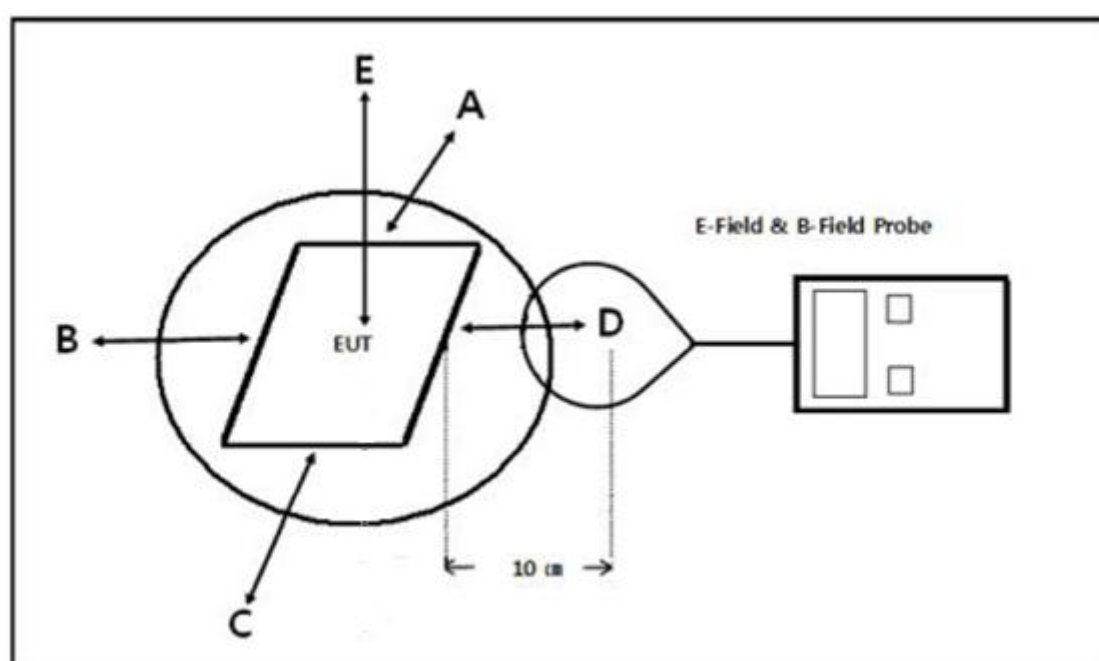
Description	Manufacturer	Model	S/N	Cal. Date	Cal. Due
Broadband Field Meter	Narda Safety Test Solutions GmbH	NBM-550	J-0004	07/16/2016	07/15/2017
Probe FHP	Narda Safety Test Solutions GmbH	FHP-50D	J-0015	07/16/2016	07/15/2017

6. RADIO FREQUENCY(RF) EXPOSURE TEST

6.1. LIMITS

For devices designed for typical desktop applications, such as 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----