



BUREAU
VERITAS

Test Report No.: FM190531N021

RF EXPOSURE REPORT

Applicant	SKS metaplast Scheffer-Klute GmbH
Address	Zur Hubertushalle 4, 59846 Sundern, Germany

Manufacturer or Supplier	Shenzhen Everbest Machinery Industry Co., Ltd
Address	19th Building, 5th Region, Baiwangxin Industrial Park, SongBai Rd., Baimang, Xili, Nanshan, Shenzhen China
Product	Wireless Charging Power Bank
Brand Name	SKS
Model	+COM/UNIT
Additional Model & Model Difference	N/A
Date of tests	May 31, 2019 ~ Jul. 19, 2019

47 CFR PART 1, Subpart I, Section 1.1310

KDB 680106 D01

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Breeze Jiang Project Engineer / EMC Department	Approved by Glyn He Supervisor/ EMC Department

Date: Aug. 13, 2019

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM190531N021	Original release	Aug. 13, 2019



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1. CERTIFICATION

FCC ID:	2ASEG-11537
PRODUCT:	Wireless Charging Power Bank
BRAND NAME:	SKS
MODEL:	+COM/UNIT
ADDITIONAL NO.:	N/A
APPLICANT:	SKS metaplast Scheffer-Klute GmbH
STANDARDS:	47 CFR PART 1, Subpart I, Section 1.1310 KDB 680106 D01



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2. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested with associated equipment below

Description	Manufacturer	Model No.	Serial No.
Mobile phone	Apple	MQA52CH/A	/
Adapter	N/A	DC5V 2A	N/A

2.1 TEST LOCATION

All tests were performed at:

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch
No. 34, Chenwulu Section, Guantai Rd., Houjie Town, Dongguan City, Guangdong 523942, China
Tel: +86 769 8593 5656 Fax: +86 769 8593 1080

2.2 DEVIATION FROM STANDARDS

None

2.3 ABNORMALITIES FROM STANDARD CONDITIONS

None

3. EQUIPMENTS USED DURING TEST

Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Car.Due date.
1	3m Semi-Anechoic Chamber	ETS-LINDGREN	7m*4m*3m	NSEMC003	2020-03-19
2	Electric Filed Meter	Narda	Y2006	L-0017	2019-11-08

NOTE: 1. The test was performed in RS chamber.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.



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4. TEST RESULTS

4.1 RF EXPOSURE TEST

Test Requirement:

47 CFR PART 1, Subpart I, Section 1.1310

Measurement Distance:

15cm

Test voltage:

DC 5V from Adapter input AC 120V/60Hz

Limit:

Frequency range(MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100.000	/	/	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100.000	/	/	1.0	30

F=frequency in MHz
*=Plane-wave equivalent power density
RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

4.1.1 EUT OPERATION

Operating Environment:

Temperature: 24.0°C Humidity: 52% RH Atmospheric Pressure: 1015 mbar

EUT Operation:

This device has been tested the worst status of full load and the device has been tested with mobile phone at zero charge, intermediate charge, and full charge.

Bureau Veritas Shenzhen Co., Ltd.
Dongguan Branch

No. 34, Chenwulu Section, Guantai Rd., Houjie
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4.1.2 MEASUREMENT DATA

Output Voltage=DC 5V

Wireless radiation frequency: 110KHz ~ 205KHz

Electric Field Emissions

Test Position	Test Distance (cm)	Probe Measure Result (V/m)	Limit (V/m)
Side 1	15	1.34	614
Side 2	15	1.08	614
Side 3	15	2.12	614
Side 4	15	1.13	614
Top	15	2.56	614
Bottom	15	1.51	614

Magnetic Field Emissions

Test Position	Test Distance (cm)	Probe Measure Result (A/m)	Limit (A/m)
Side 1	15	0.0032	1.63
Side 2	15	0.0034	1.63
Side 3	15	0.0035	1.63
Side 4	15	0.0037	1.63
Top	15	0.0053	1.63
Bottom	15	0.0044	1.63

Note: All modes have been tested and we only record the worst test result in full load mode.

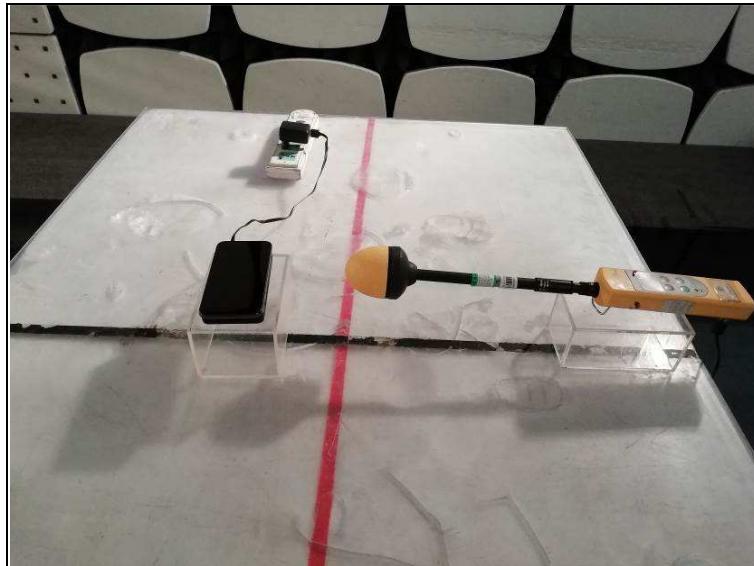


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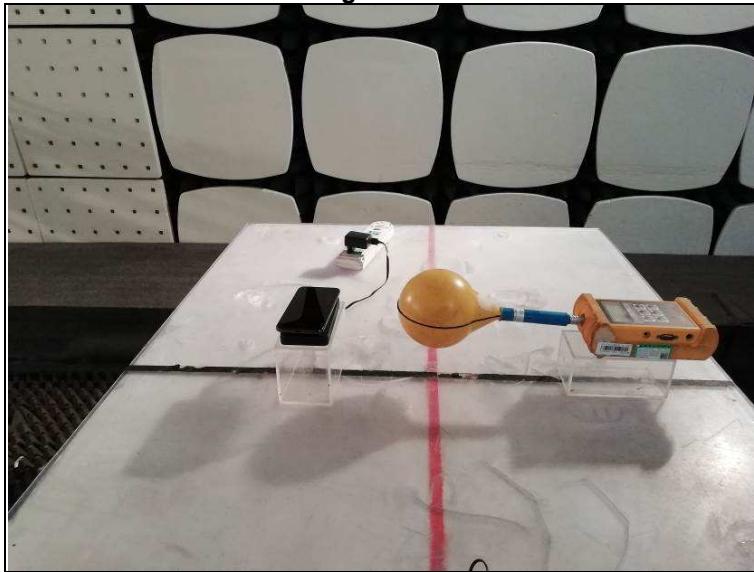
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PHOTOGRAPHS OF THE TEST CONFIGURATION

Electric Field



Magnetic Field



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