

1 Cover Page

RF Exposure Evaluation Report

Application No.: KSCR2603000688AT
FCC ID: 2BA5V-TA1406U
Applicant: NanJing CukTech Electronics Technology Co., Ltd.
Address of Applicant: 16F Building A1,Huizhi Technology Park,No.8,Hengtai Road, Nanjing Economic and Technological Development Zone, Nanjing, Jiangsu, P.R. China
Manufacturer: NanJing CukTech Electronics Technology Co., Ltd.
Address of Manufacturer: 16F Building A1,Huizhi Technology Park,No.8,Hengtai Road, Nanjing Economic and Technological Development Zone, Nanjing, Jiangsu, P.R. China
EUT Name: CUKTECH 15 Charging Station
Model No.: TA1406U
Trade Mark: CUKTECH
Standards: 47 CFR PART 1, Subpart I, Section 1.1310
KDB 680106 D01 v04
Date of Receipt: 2026-03-31
Date of Test: 2026-04-15 to 2026-06-09
Date of Issue: 2026-06-10

Test Result :	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Revision Record			
Version	Description	Date	Remark
00	Original	2026-06-10	/

Authorized for issue by:			
Tested By		<i>Eric Liu</i>	
		Eric Liu /Project Engineer	
Approved By		<i>Terry Hou</i>	
		Terry Hou /Reviewer	

2 Contents

	Page
1 COVER PAGE	1
2 Contents	3
3 General Information	4
3.1 Details of E.U.T.	4
3.2 Description of Support Units	4
3.3 Description of Product installation location	4
3.4 Test Location	5
3.5 Test Facility	5
3.6 Deviation from Standards	5
3.7 Abnormalities from Standard Conditions	5
4 Equipments Used during Test	6
5 RF Exposure Test Results	8
5.1 Operating Environment	8
5.2 EUT Operation	8
5.3 Test Block Diagram	9
5.4 Test Data and Field Estimated	10
5.4.1 Test Data using Dummy Load	10
6 Test photos	12

3 General Information

3.1 Details of E.U.T.

Power supply:	Input: 100-240V~ 50/60Hz 2A Sigle Port Output: C1: 9.0V, 3.0A; 12.0V, 3.0A; 15.0V, 3.0A; 20.0V, 5.0A, 20.0V, 6.0A 120.0W Max C2: 9.0V, 3.0A; 12.0V, 3.0A; 15.0V, 3.0A; 20.0V, 5.0A; 20.0V, 6.0A; 28.0V, 5.0A 140.0W Max C3: 5.0V, 3.0A; 9.0V, 3.0A; 12.0V, 2.5A; 5.0-11.0V, 3.0A 33.0W Max A: 5.0V, 2.4A; 9.0V, 2.0A; 12.0V, 1.5A; 10.0V, 2.25A 22.5W Max Wireless Charging W1: 5.0W Max Wireless Charging M1: 25.0W Max
Test Voltage:	AC 120V/60Hz
Operation frequency:	WPT W1: 110.5kHz to 148kHz WPT M1: 110.5kHz to 148kHz, 360kHz
Modulation Type:	Load modulation
Antenna Type:	Loop Antenna

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
WPC RX Load	YBZ	N/A	N/A

3.3 Description of Product installation location

The device typical is desktop applications. We test all four sides and the top of the device at a test distance of 10cm.

3.4 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

1.SGS is not responsible for wrong test results due to incorrect information (e.g. max. clock frequency, highest internal frequency, antenna gain, cable loss, etc) is provided by the applicant. (if applicable).

2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (if applicable).

3. Sample source: sent by customer.

3.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 2541.01)**

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA).

- **FCC (Designation Number: CN1172)**

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory.

- **ISED (CAB Identifier: CN0072)**

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 2324E

- **VCCI (Member No:1938)**

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

3.6 Deviation from Standards

None

3.7 Abnormalities from Standard Conditions

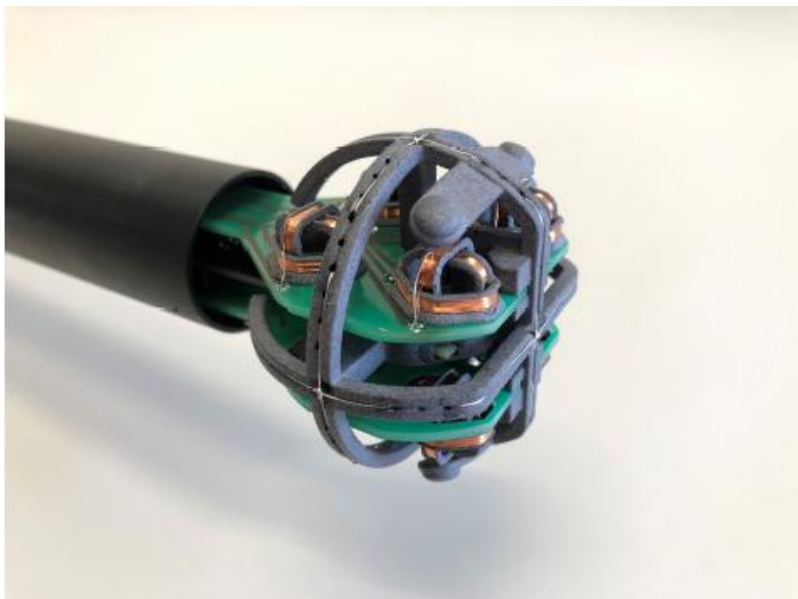
None

4 Equipments Used during Test

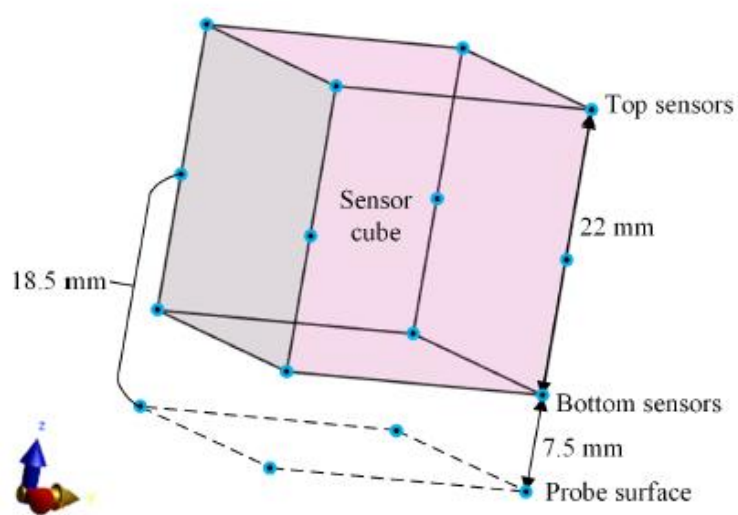
Item	Test Equipment	Manufacturer	Model No.	Cal date	Cal. Due date
1	Electromagnetic Field Probe	SPEAG	MAGPy-DAS	2026-03-16	2027-03-15
2	3m Semi-Anechoic Chamber	ST	N/A	2026-03-16	2027-03-15
3	Test Software	SPEAG	MAGPy V2.6.0	N/A	N/A

Probe parameter:

Parameter	Specs
PROBE DESIGN	
Diameter	60 mm
8 isotropic <i>H</i> -field sensors	concentric loops of 1 cm ² arranged at the corner of a cube of 22 mm side length
1 isotropic <i>E</i> -field sensor	orthogonal dipole/monopole (arm length: 50 mm)
Measurement center	18.5 mm from the probe tip
Temperature range	0–40 °C
Dimensions	110 × 635 × 35 mm (MAGPy-8H3D+E3D V2 & MAGPy-DAS V2)
<i>H</i>-FIELD SPECIFICATION	
Frequency range	3 kHz–10 MHz
Measurement range	0.1–3200 A/m, 0.12 μT–4 mT
Gradient range	0–80 T/m/T
<i>E</i>-FIELD SPECIFICATION	
Frequency range	3 kHz–10 MHz
Measurement range	0.08–2000 V/m



Compliance Location: Center vs Tip-Surface of the Probe:



5 RF Exposure Test Results

Test Requirement: 47 CFR PART 1, Subpart I, Section 1.1310

Measurement Distance: 10cm

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
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(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).				

5.1 Operating Environment

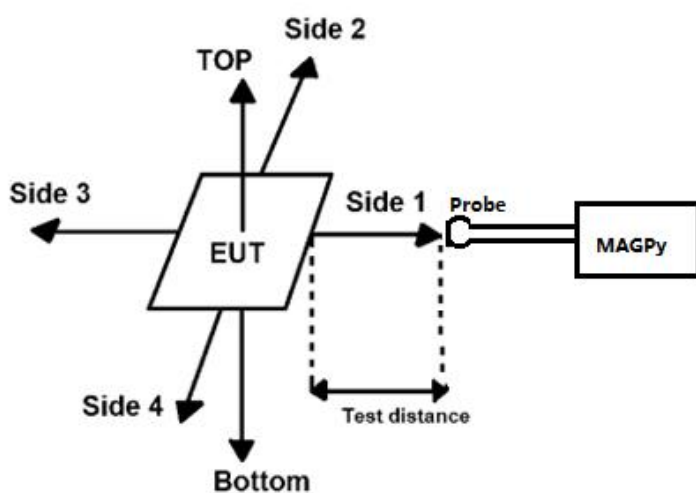
Temperature: 24.0 °C Humidity: 52 % RH Atmospheric Pressure: 1015 mbar

5.2 EUT Operation

This device has been charge at zero charge, intermediate charge, and full charge. The Maximum value has been recorded in the below table

5.3 Test Block Diagram

Diagram 1



5.4 Test Data and Field Estimated

5.4.1 Test Data using Dummy Load

Test Mode	Description
00	Charge mode_ Keep Wireless Charging W1 charging (5W), frequency range 110.5-148kHz.
01	Charge mode_ Keep Wireless Charging M1 charging (25W), frequency 360kHz.
02	Charge mode_ Keep Wireless Charging M1 charging (15W), frequency 110.5-148kHz.

Magnetic Field:

Test Mode	Operation Frequency	Test Distance	Test Position	Measure Result (A/m)	Limit (A/m)	50% Limit (A/m)	Verdict
00	147kHz	10 cm	Side1	0.06	1.63	0.815	PASS
			Side2	0.08	1.63	0.815	PASS
			Side3	0.07	1.63	0.815	PASS
			Side4	0.07	1.63	0.815	PASS
			Top	0.22	1.63	0.815	PASS

Electric Field:

Test Mode	Operation Frequency	Test Distance	Test Position	Measure Result (V/m)	Limit (V/m)	50% Limit (V/m)	Verdict
00	147kHz	10 cm	Side1	0.47	614	307	PASS
			Side2	0.38	614	307	PASS
			Side3	0.58	614	307	PASS
			Side4	0.52	614	307	PASS
			Top	0.98	614	307	PASS

Magnetic Field:

Test Mode	Operation Frequency	Test Distance	Test Position	Measure Result (A/m)	Limit (A/m)	50% Limit (A/m)	Verdict
01	360kHz	10 cm	Side1	0.03	1.63	0.815	PASS
			Side2	0.02	1.63	0.815	PASS
			Side3	0.03	1.63	0.815	PASS
			Side4	0.03	1.63	0.815	PASS
			Top	0.05	1.63	0.815	PASS

Electric Field:

Test Mode	Operation Frequency	Test Distance	Test Position	Measure Result (V/m)	Limit (V/m)	50% Limit (V/m)	Verdict
01	360kHz	10 cm	Side1	1.62	614	307	PASS
			Side2	1.32	614	307	PASS
			Side3	1.65	614	307	PASS
			Side4	1.51	614	307	PASS
			Top	5.23	614	307	PASS

Magnetic Field:

Test Mode	Operation Frequency	Test Distance	Test Position	Measure Result (A/m)	Limit (A/m)	50% Limit (A/m)	Verdict
02	122kHz	10 cm	Side1	0.08	1.63	0.815	PASS
			Side2	0.11	1.63	0.815	PASS
			Side3	0.07	1.63	0.815	PASS
			Side4	0.09	1.63	0.815	PASS
			Top	0.27	1.63	0.815	PASS

Electric Field:

Test Mode	Operation Frequency	Test Distance	Test Position	Measure Result (V/m)	Limit (V/m)	50% Limit (V/m)	Verdict
02	122kHz	10 cm	Side1	0.55	614	307	PASS
			Side2	0.46	614	307	PASS
			Side3	0.63	614	307	PASS
			Side4	0.58	614	307	PASS
			Top	1.16	614	307	PASS

6 Test photos

Side 1



- End of the Report -