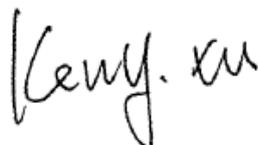


Human Exposure Report

Application No.: SZCR2505001911AT
Applicant: Anker Innovations Limited
Address of Applicant: Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Manufacturer: Anker Innovations Limited
Address of Manufacturer: Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Equipment Under Test (EUT):
EUT Name: Anker Prime Wireless car charger(MagGo, AirCool, Pad)
Model No.: A2933
Trade Mark: Anker
FCC ID: 2AOKB-A2933
Standards: 47 CFR PART 1, Subpart I, Section 1.1310
47 CFR PART 2, Subpart J, Section 2.1091
KDB 680106 D01 Wireless Power Transfer v04
Date of Receipt: 2025-05-14
Date of Test: 2025-05-21 to 2025-06-10
Date of Issue: 2025-07-18

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



Keny Xu
EMC Laboratory Manager



Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-07-18		Original

Authorized for issue by:			
		<i>Charlie Dai</i>	
		Charlie Dai/Project Engineer	
		<i>Eric Fu</i>	
		Eric Fu/Reviewer	



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3 General Information

3.1 Details of E.U.T.

Power supply:	Power by car charger. Car charger: USB-C: PD: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.4A QC: 5V/3A, 9V/2A AP: 5V/2.4A BC: 5V/1.5A USB-A: AP: 5V/2.4A BC 1.2: 5V/1.5A USB-C+USB-A: USB-C: PD: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.4A QC: 5V/3A, 9V/2A AP: 5V/2.4A BC: 5V/1.5A USB-A: AP: 5V/2.4A BC 1.2: 5V/1.5A
Cable(s):	USB-C to C 97cm unshielded
Modulation type:	Load modulation
Antenna Type:	Loop Antenna
Frequency Range	112.60-146.00kHz & 356.60-368.20kHz
Duty Cycle:	100%

Remark : The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.



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3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
DC power supply	ZHAOXIN	PS-3005D	REF. No.SEA27B01
E-loading	Provided by the manufacturer	N/A	N/A
iphone 16pro	Apple	MYLU3CH/A	REF. No.SEA16Q03



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3.3 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

3.4 Test Facility

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

- **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

- **VCCI (Member No. 1937)**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd.

Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

- **FCC –Designation Number: CN1336**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

- **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

3.5 Deviation from Standards

None.

3.6 Abnormalities from Standard Conditions

None.



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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch EMC Laboratory.

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4 Equipments Used during Test

Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Due date
1	3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2026/05/09
2	MAGPy-8H3D+E3D	SPEAG	MAGPy	SEM060-31	2026/02/04
3	MAGPy-DAS	SPEAG	MAGPy	SEM060-32	2026/02/04

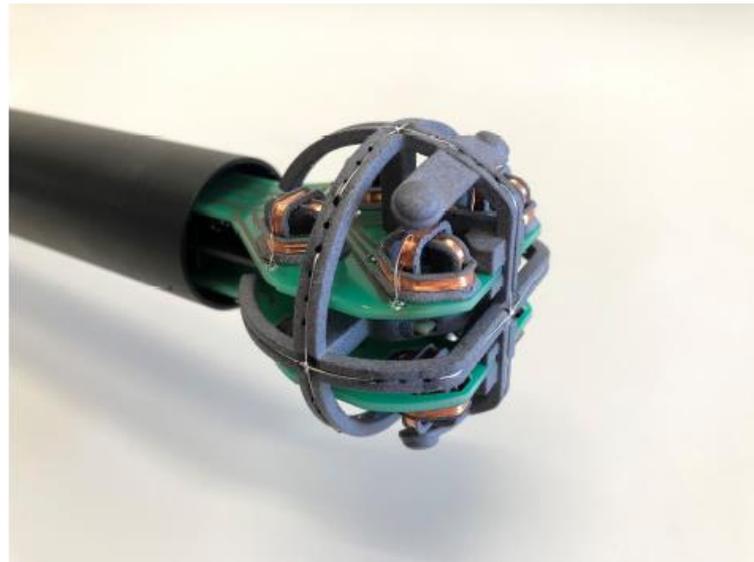


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Probe parameter:

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



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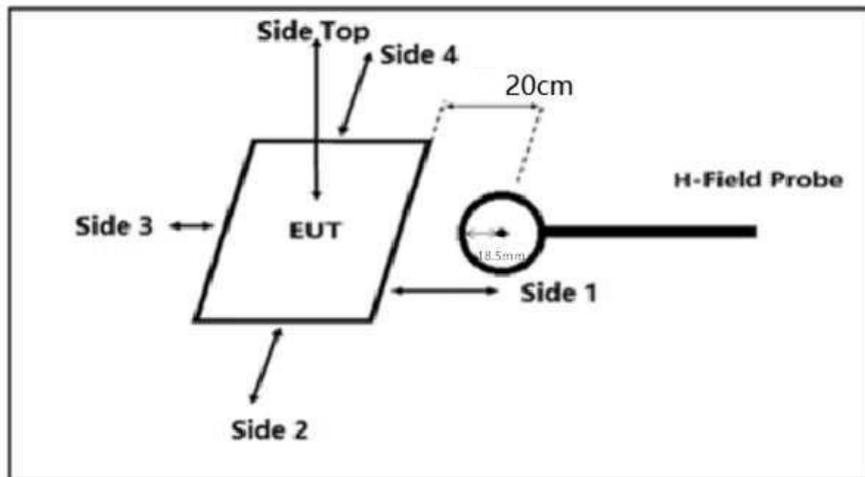
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5 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	00	Charge mode_Keep the EUT charging(5W)
Pre-scan	01	Charging mode_Keep the EUT charging (7.5W)
Pre-scan	02	Charging mode_Keep the EUT charging (15W)
Final test	03	Charging mode_Keep the EUT charging (25W)



6 Test Block Diagram



Remark:

- 1 The RF exposure test is performed in the anechoic chamber.
- 2 The test distance is 20cm from the center of the probe along all three axes of the device.



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7 Test Results

7.1 RF Exposure test

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

Measurement Distance: 20cm

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).



7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.3 °C Humidity: 52.9 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Measurement Data

Magnetic Field Emissions

Operation frequency	Test Distance	Test Position	Probe Measure Result(A/m)	Limit	Verdict
	(cm)			(A/m)	
360kHz	20	Side 1	0.58	1.63	Pass
360kHz		Side 2	0.66	1.63	Pass
360kHz		Side 3	0.31	1.63	Pass
360kHz		Side 4	0.07	1.63	Pass
360kHz		Top	0.92	1.63	Pass

Electric Field Emissions

Operation frequency	Test Distance	Test Position	Probe Measure Result(V/m)	Limit	Verdict
	(cm)			(V/m)	
360kHz	20	Side 1	2.95	614	Pass
360kHz		Side 2	1.71	614	Pass
360kHz		Side 3	2.21	614	Pass
360kHz		Side 4	2.08	614	Pass
360kHz		Top	4.56	614	Pass

- End of the Report -



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