



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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250900420706

Page: 1 of 9

Human Exposure Report

Application No.: SZCR2509004207AT
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: AnkaPal
Model No.: D1900
Trade Mark: soundcore
FCC ID: 2AOKB-D1900TX
Standards: 47 CFR PART 1, Subpart I, Section 1.1310
47 CFR PART 2, Subpart J, Section 2.1091
Date of Receipt: 2025-09-24
Date of Test: 2025-10-16 to 2025-11-06
Date of Issue: 2025-11-11

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

Keny Xu

Keny Xu
EMC Laboratory Manager



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Shenzhen Branch EMC Laboratory

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250900420706

Page: 2 of 9

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-11-11		Original

Authorized for issue by:				
		Gebin Sun		
		Gebin Sun/Project Engineer		
		Eric Fu		
		Eric Fu/Reviewer		



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250900420706

Page: 3 of 9

2 Contents

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	Test Location	5
3.4	Test Facility	5
3.5	Deviation from Standards	5
3.6	Abnormalities from Standard Conditions	5
4	Equipments Used during Test.....	6
5	Test Results.....	7
5.1	RF Exposure test.....	7
5.1.1	E.U.T. Operation.....	7
6	Test Setup Photos	9



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250900420706

Page: 4 of 9

3 General Information

3.1 Details of E.U.T.

Power supply:	power supplied by DC5V USB type-c port for Charging Dock Wireless Output: 2.5W for Charging Dock
Cable(s):	USB-C cable:60cm unshielded
Antenna Type:	Loop Antenna
Modulation Type:	Load Modulation
Frequency Range	111.0kHz to 147.2kHz
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.

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Adapter	HUAWEI	HW-100400C00	N/A
Ankapal	Anker	N/A	N/A



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250900420706

Page: 5 of 9

3.3 Test Location

All tests were performed at:

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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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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250900420706

Page: 6 of 9

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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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250900420706

Page: 7 of 9

5 Test Results

5.1 RF Exposure test

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

47 CFR PART 2, Subpart J, Section 2.1091

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).

5.1.1 E.U.T. Operation

Operating Environment:

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

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.



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Report No.: SZCR250900420706

Page: 8 of 9

5.1.2 Measurement Data

Magnetic Field Emissions

Operation Frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)			50 % Limit (A/m)
			Zero Charge	Intermediate Charge	Full Charge	
146 kHz which is the worst case within the operation frequency range	20	Front	0.07	0.06	0.04	0.815
		Back	0.02	0.02	0.01	
		Left	0.07	0.06	0.05	
		Right	0.08	0.07	0.07	
		Top	0.05	0.04	0.03	

Electric Field Emissions

Operation Frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)			50 % Limit (V/m)
			Zero Charge	Intermediate Charge	Full Charge	
146 kHz which is the worst case within the operation frequency range	20	Front	0.59	0.56	0.52	307
		Back	0.21	0.19	0.17	
		Left	0.54	0.49	0.47	
		Right	0.57	0.55	0.51	
		Top	0.55	0.53	0.52	



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250900420706

Page: 9 of 9

6 Test Setup Photos

Refer to Appendix - Test Setup Photo for SZCR2509004207AT

- End of the Report -



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