

RF Exposure Report

FCC ID: 2A59P-HNCI

Report No. : SSP26030529-1E

Applicant : Shenzhen Huani electronics Co.,Ltd

Product Name : Car Wireless Charger

Model Name : HNCi2.2

Test Standard : FCC CFR 47 PART 1, 1.1310

Date of Issue : 2026-04-13

Shenzhen CCUT Quality Technology Co., Ltd.

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This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen CCUT Quality Technology Co., Ltd.

Test Report Basic Information

Applicant:	Shenzhen Huani electronics Co.,Ltd 3rd Floor, Building B, Jinkaijin Industrial Zone, Shilongzai, Shiyan, Bao'an, Address of Applicant.....: Shenzhen, China	
Manufacturer:	Shenzhen Huani electronics Co.,Ltd 3rd Floor, Building B, Jinkaijin Industrial Zone, Shilongzai, Shiyan, Bao'an, Address of Manufacturer.....: Shenzhen, China	
Product Name:	Car Wireless Charger	
Brand Name:	-	
Main Model:	HNCi2.2	
Series Models:	-	
Test Standard:	FCC CFR 47 PART 1, 1.1310 KDB 680106 D01 Wireless Power Transfer v04	
Date of Test	2026-03-27 to 2026-04-11	
Test Result:	PASS	
Tested By	 _____ (Tate Chen)	
Reviewed By:	 _____ (Lorzix Luo)	
Authorized Signatory:	 _____ (Lahm Peng)	
Note : This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen CCUT Quality Technology Co., Ltd.. All test data presented in this test report is only applicable to presented test sample.		

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Revision History

Revision	Issue Date	Description	Revised By
V1.0	2026-04-13	Initial Release	Lahm Peng

1. General Information

1.1 Product Information

Product Name:	Car Wireless Charger
Trade Name:	-
Test Model:	HNCi2.2
Series Models:	-
Rated Voltage:	USB-C Input: 12V $\pm$ 3A / 15V $\pm$ 2A Wireless Output:25W/15W/7.5W
Battery:	-
Test Sample No:	SSP26030529-1
Hardware Version:	V1.0
Software Version:	V1.0
Note 1: The test data is gathered from a production sample, provided by the manufacturer.	

Wireless Specification	
Wireless Standard:	WPC (Qi)
Operating Frequency:	110.5~205kHz
Max. Field Strength:	69.97dBuV/m
Modulation:	FSK
Antenna Gain:	0dBi
Type of Antenna:	Coil Antenna
Type of Device:	☐ Portable Device ☒ Mobile Device

1.2 Test Setup Information

List of Test Modes			
Test Mode	Description	Remark	
TM1	Wireless Charging	25W(Mobile Phone)	
TM2	Wireless Charging	15W (Mobile Phone)	
TM3	Wireless Charging	7.5W (Mobile Phone)	
Note: All modes have been tested and only the worst mode TM3 data is represented in the report.			
List and Details of Auxiliary Cable			
Description	Length (cm)	Shielded/Unshielded	With/Without Ferrite
-	-	-	-
List and Details of Auxiliary Equipment			
Description	Manufacturer	Model	Serial Number
Adapter	CUKTECH Technology Co., Ltd	AD1003	-
Mobile phone	iPhone	MG843CH/A	C6KDL69N0GQY

1.3 Test Facilities

Laboratory Name:	Shenzhen CCUT Quality Technology Co., Ltd. 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
CNAS Laboratory No.:	L18863
A2LA Certificate No.:	6983.01
FCC Registration No:	583813
FCC Designation No.:	CN1373
ISED Registration No.:	CN0164

1.4 List of Measurement Instruments

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Electromagnet-ic radiation tester	WAVECONTROL	SMP3	23SL0158	2025-07-16	2026-07-15
Electromagnet-ic field probe	WAVECONTROL	WP400-3	24WP120170	2025-07-16	2026-07-15
Test Software	WAVECONTROL	SMP	N/A	N/A	N/A

1.5 Measurement Uncertainty

Test Item	Uncertainty
E-field	0.6 dB
H-field	0.6 dB

2. RF Exposure

2.1 Standard and Limit

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

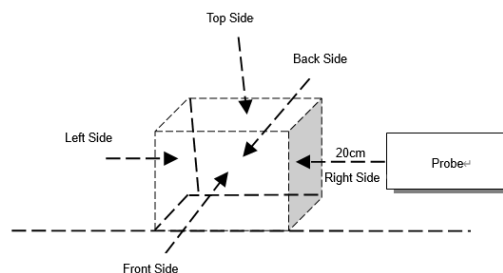
Limits for Maximum Permissible Exposure (MPE)

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

2.2 Test Procedures

- 1) The RF exposure test was performed in anechoic chamber.
- 2) E and H-field measurements should be made with the center of the probe at a distance of 20cm surrounding the device and 20 cm above the top surface of the primary/client pair.
These measurements should be repeated for three different client battery levels, 1%, 50%, and 99%.
- 3) The highest emission level was recorded and compared with limit as soon as measurement of each points were completed.
- 4) The EUT was measured according to the dictates of KDB 680106 D01 v04.



Test Setup Block Diagram

2.3 Test Data and Results

The report reflects data for the worst mode only.

Test condition 1: Mode 3 operating mode with client device (1 % battery status of client device).

Maximum permissible Exposure (Phone: 110.5kHz-205kHz)				
Client device	Test sides	Test distance(cm)	E-field(V/m)	H-field(A/m)
<1%	Top	20	0.72	0.05
<1%	Left	20	0.70	0.05
<1%	Right	20	0.81	0.05
<1%	Front	20	0.85	0.06
<1%	Back	20	0.48	0.02
Limit			614	1.63
50% Margin Limit			307	0.815

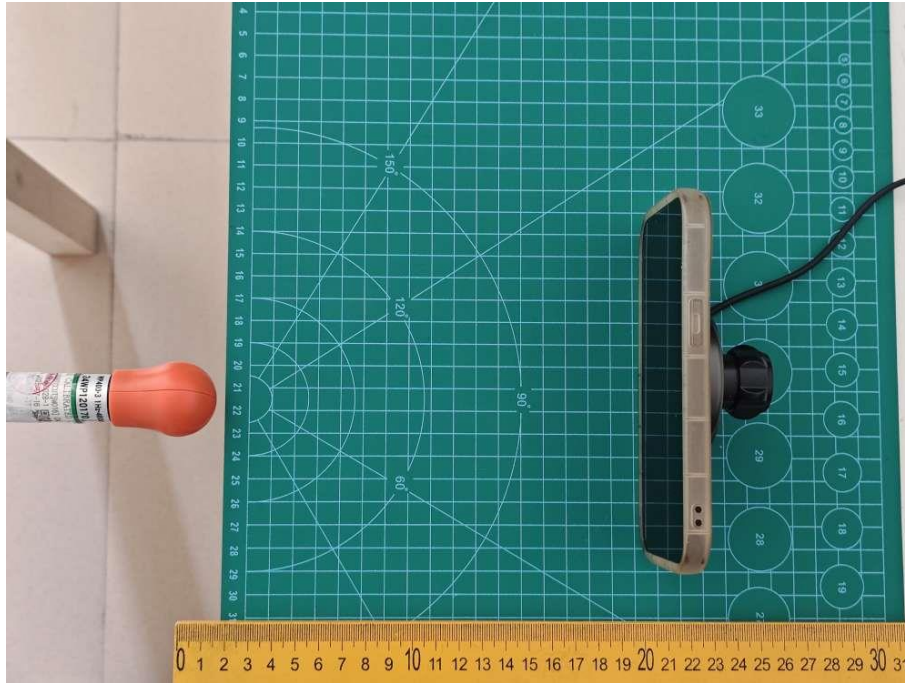
Test condition 1: Mode 3 operating mode with client device (50 % battery status of client device).

Maximum permissible Exposure (Phone: 110.5kHz-205kHz)				
Battery levels	Test sides	Test distance(cm)	E-field(V/m)	H-field(A/m)
<50%	Top	20	0.72	0.02
<50%	Left	20	0.70	0.04
<50%	Right	20	0.74	0.04
<50%	Front	20	0.82	0.05
<50%	Back	20	0.41	0.01
Limit			614	1.63
50% Margin Limit			307	0.815

Test condition 1: Mode 3 operating mode with client device (99 % battery status of client device).

Maximum permissible Exposure (Phone: 110.5kHz-205kHz)				
Battery levels	Test sides	Test distance(cm)	E-field(V/m)	H-field(A/m)
<99%	Top	20	0.64	0.02
<99%	Left	20	0.61	0.02
<99%	Right	20	0.78	0.03
<99%	Front	20	0.85	0.04
<99%	Back	20	0.45	0.01
Limit			614	1.63
50% Margin Limit			307	0.815

Annex A. Test Photos

Test View 1

******* END OF REPORT *******