



Report No.: XCL-AC202307-0001

TEST REPORT

Product Name: CARPLAY

Model: CA701

Test Sort: External Commission Test

Client: Shenzhen Jinnaibo Electronic Co., Ltd.

Test by: Xingci Lab

Manufacturer: Shenzhen Jinnaibo Electronic Co., Ltd.

GUANGDONG XINGCI TESTING TECHNOLOGY RESEARCH Co.,Ltd.



Announcement

1. This report is invalid without seal.
2. This report must not be partially duplicated without permission.
3. The manufacturer would be responsible for the test samples.
4. Xingci Lab would be only responsible for report items of the test sample, this test result is only used for scientific research, teaching, and internal control, and does not have a proof function to the society.
5. If the client has any question about the test report, please contact our lab as agreed within 15 days. Disagreement couldn't be accepted over 15 days.
6. Test report inquires telephone No.:+ 86-757-87744743

Add: No#4, Jinye 2nd road, Yundonghai street, Sanshui, Foshan,Guangdong
Province, China,528100

Tel: 0086-(0757)-87744743

Post Code: 528100

Test Report

Product Name		CARPLAY	Manufacture Date	/
Product Model		CA701	Brand Name	/
Manufacturer	Name	Shenzhen Jinnaibo Electronic Co., Ltd.		
	Address	Floor 3, building L, Shasi hi tech park, Shasi Community, Shajing street, Baoan, Shenzhen, China		
Test Type		External Commission Test		
Test Place		SG64 Anechoic Chamber (Guangdong Xingci testing technology research Co.,Ltd.)		
Sample Qty		1pc	Test Date	July 1, 2023
Test Environment		Temperature: (21~22) °C	Relative Humidity: (62~65) %	
Test Item		Electrical performance: Radiation Pattern, Gain, Vertical Beamwidth(3dB), Horizontal Beamwidth(3dB)		
Test Standard		According to the client's requirements, refer to the following standard: ANSI/IEEE Std 149-2021		
Test Description		Guangdong Xingci testing technology research Co., Ltd. tested the electrical performance of 1pc of CARPLAY under the guideline of relevant standard. Please see test result in page 5, Radiation Patterns in pages 6-8.		
Remarks				
Tested by: <i>Guanzhiliang</i> Date: July 4, 2023		Checked by: <i>Zhang Xiao jun</i> Date: July 4, 2023		Approved by: (Authorized signatory)  Date: July 4, 2023

Sample Description

Accessories	☒ No ☐ Yes:
Outlook/Appearance	☒ Qualified ☐ Unqualified:
Status at the beginning of Test	☒ Working Normally ☐ Working Abnormally:
Status after Test	☒ Working Normally ☐ Other:
Photograph	☐ No ☒ In page 8
Remarks (Provided by the customer)	Antenna size: 14.5mm×5.0mm Device size: 178mm×104mm×20mm Device weight: 306.5g

Sample Number

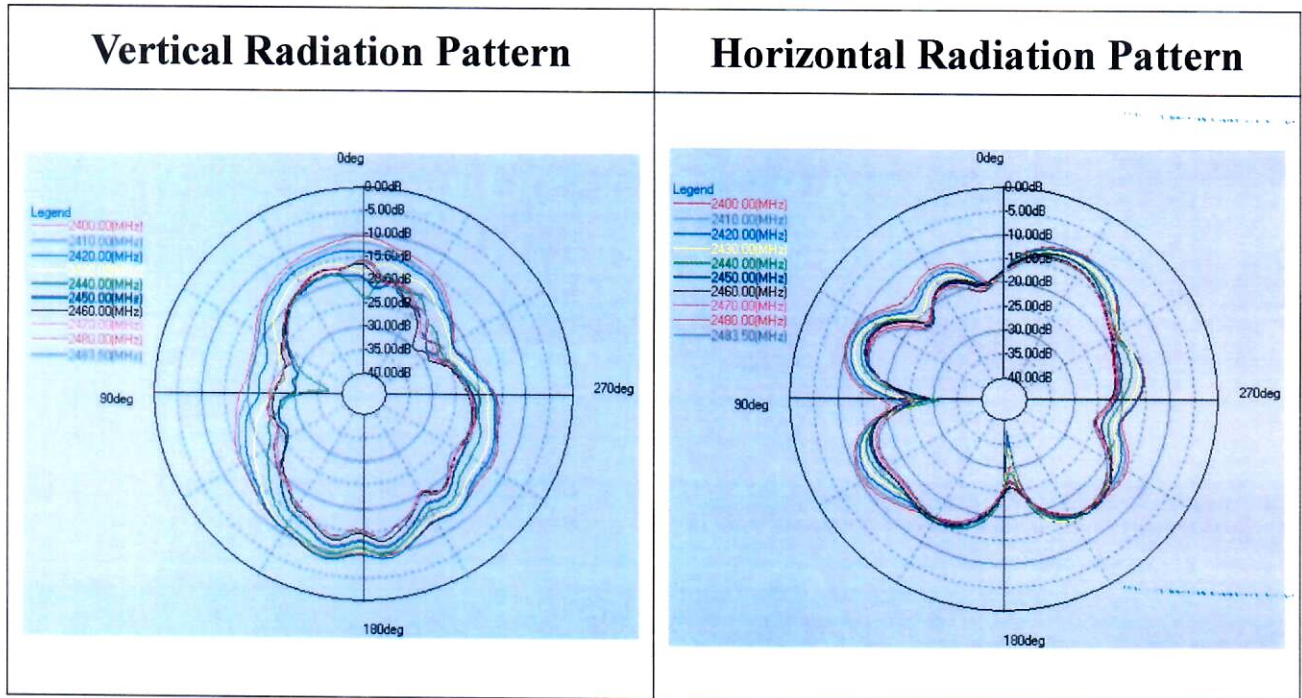
Item	Sample Number	Serial Number
1	AC2023070101	/

Electrical Performance Test Result

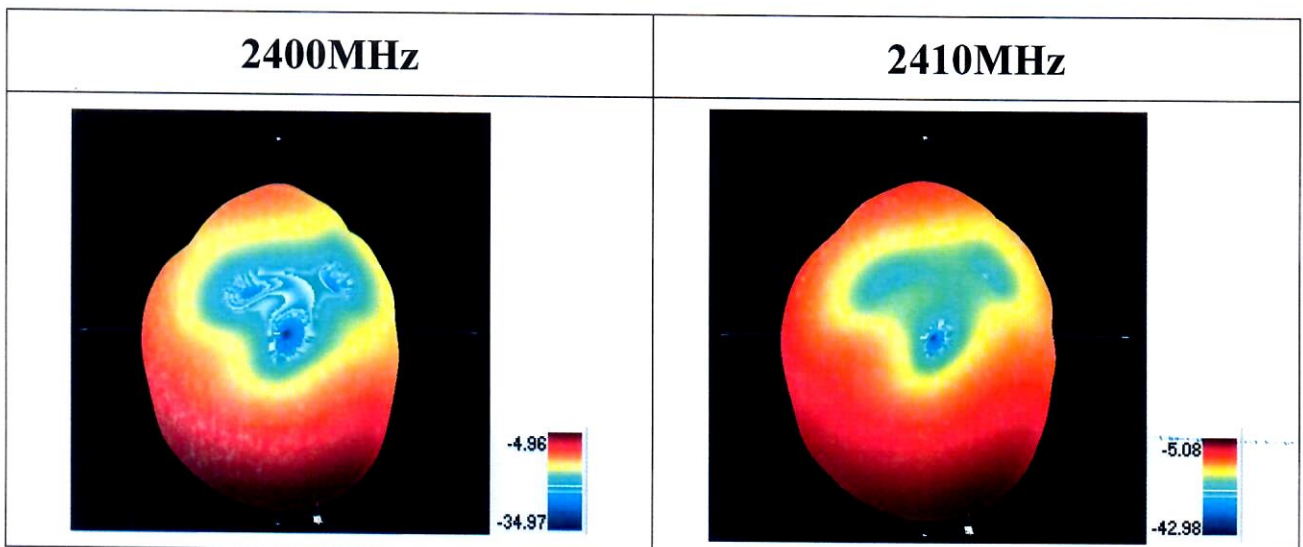
Item	Test Item	Technical Requirement	Unit	Test Frequency (MHz)	Test Result
1	Gain	/	dBi	2400	-4.96
				2410	-5.08
				2420	-5.45
				2430	-6.30
				2440	-7.60
				2450	-8.37
				2460	-8.24
				2470	-8.03
				2480	-7.82
				2483.5	-7.89
2	Vertical Beamwidth (3dB)	/	deg	2400	57.04
				2410	55.61
				2420	56.21
				2430	53.08
				2440	49.38
				2450	46.18
				2460	43.95
				2470	43.75
				2480	47.18
				2483.5	45.37
3	Horizontal Beamwidth (3dB)	/	deg	2400	27.32
				2410	26.22
				2420	41.99
				2430	42.47
				2440	41.27
				2450	37.58
				2460	41.02
				2470	41.39
				2480	42.12
				2483.5	46.36
4	Radiation Pattern	/	/	2400-2483.5	Pages 6-8
Note: According to the client's requirements, the test items are for the controller components test.					

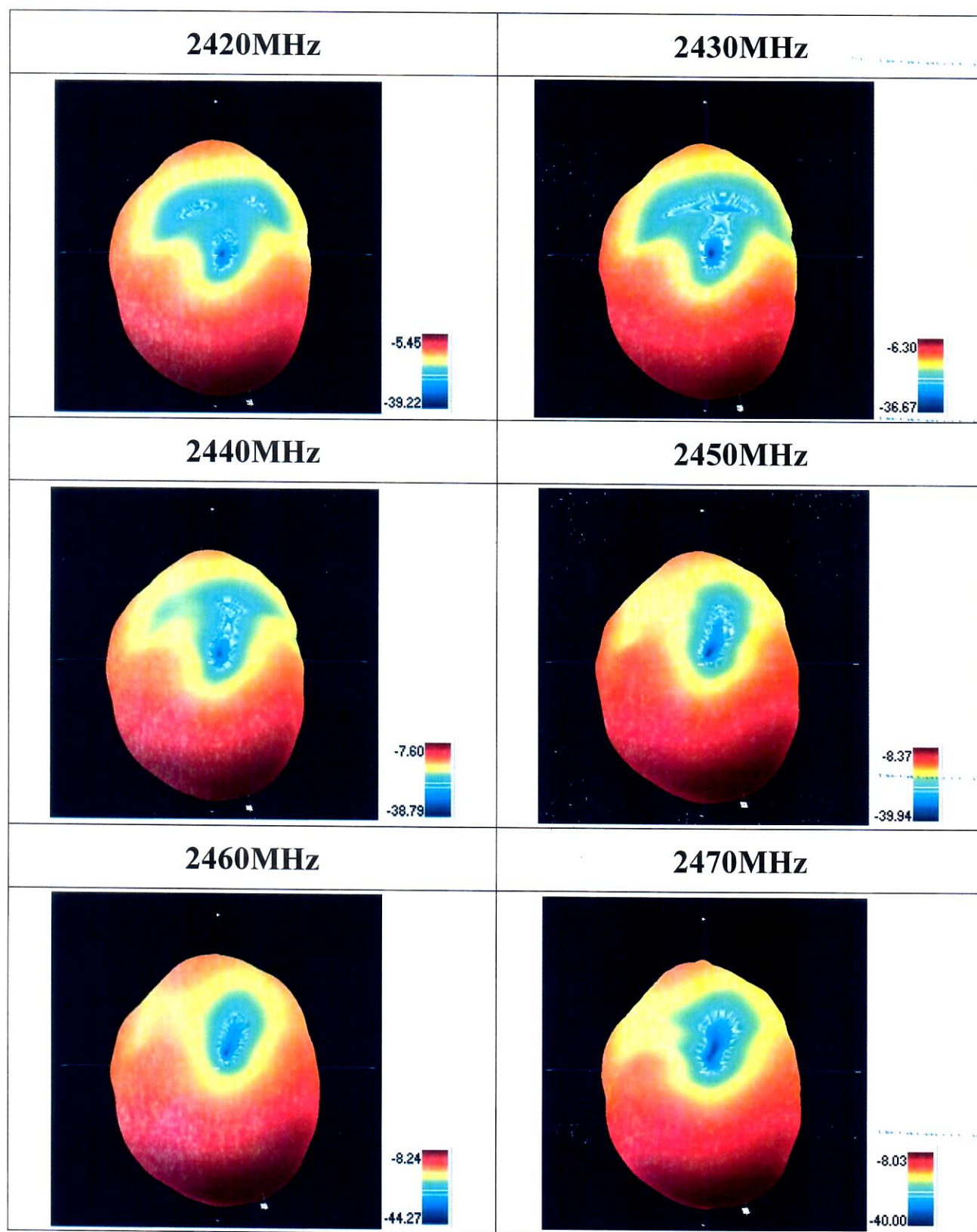
Electrical Performance Pattern

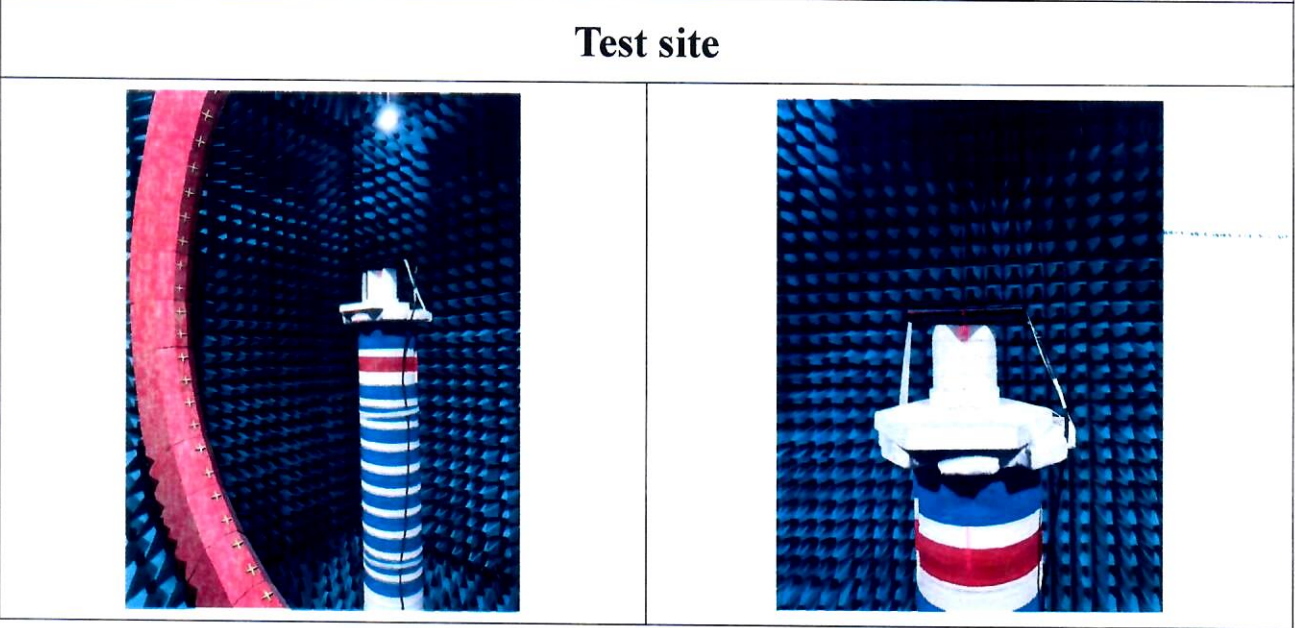
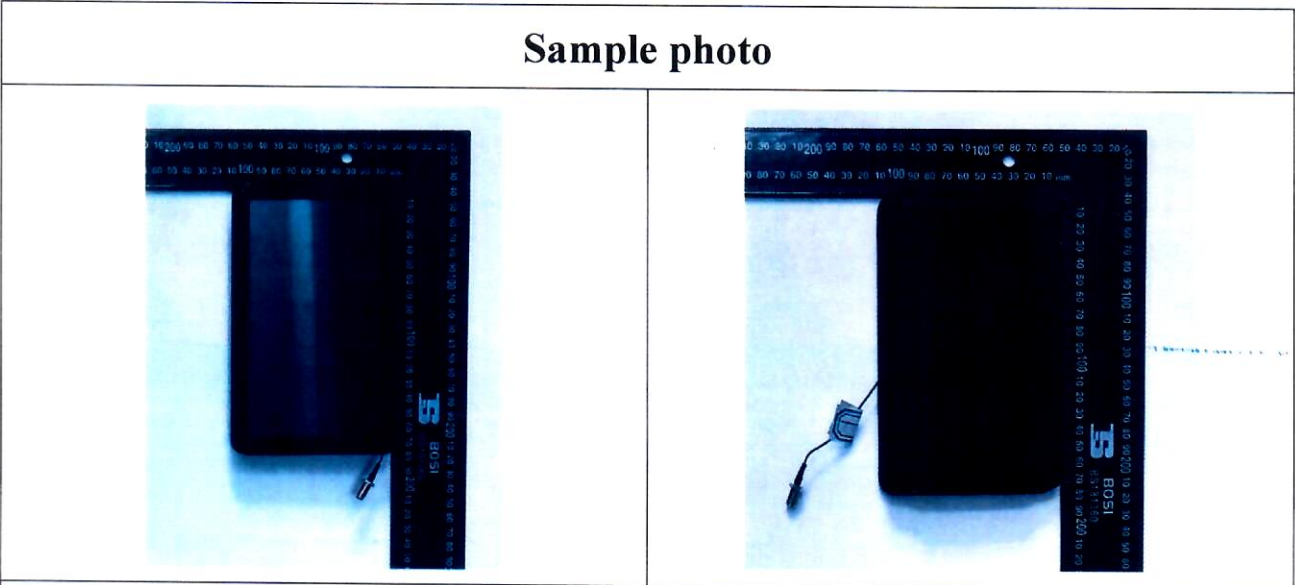
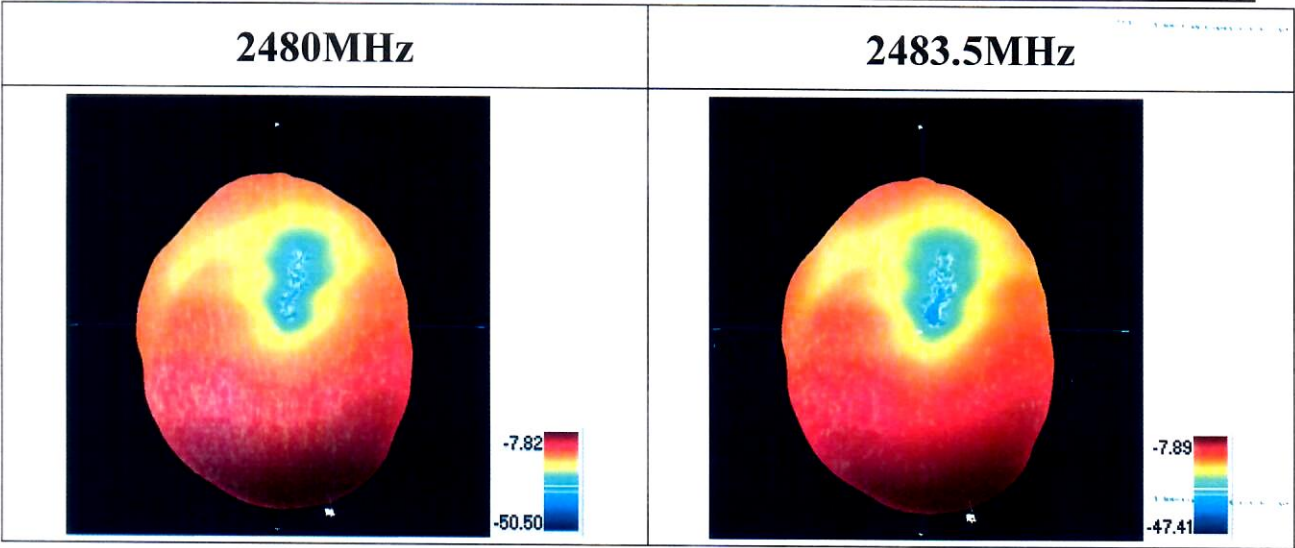
2D



3D







Main instruments and equipment for testing and test system

No.	NAME	Model	SERIAL NUMBER	VALIDITY DATE (DD/MM/YY)
1	Analog Signal Generator	N5172B	MY59100269	06/03/2024
2	Analog Signal Generator	N5181A	MY50140747	06/03/2024
3	Standard Gain Antenna	SH400-440	XCA014	23/11/2023
4	Microwave Anechoic Chamber	5m×5m×5m	XCC03	23/08/2024
5	SG64 Antenna Test System	SATENV 2.0.1.5 Build12	XCXT03	N/A

-----End of Report-----