



Report No.: XCL-AC202411-0083

TEST REPORT

Product Name: 2 IN 1 Adapter Manual

Model: /

Test Sort: External Commission Test

Client: Dongguan Chenxinzheng Hardware Plastic Technology Co., Ltd

Test by: Xingci Lab

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		2 IN 1 Adapter Manual		Manufacture Date		/	
Product Model		/		Brand Name		/	
Client	Name	Dongguan Chenxinzheng Hardware Plastic Technology Co., Ltd					
	Address	Room 301, Building 2, No. 78 Qinglin Road, Qingxi Town, Dongguan City, Guangdong Province					
Test Type		External Commission Test					
Test Place		SG64 Anechoic Chamber (Guangdong Xingci testing technology research Co.,Ltd.)					
Sample Qty		1pc		Test Date		Nov. 19, 2024	
Test Environment		Temperature: (20~22) °C		Relative Humidity: (62~65) %			
Test Item		Electrical performance: Radiation Pattern, Gain, Efficiency					
Test Standard		According to the client's requirements, refer to the following standard: IEEE Std 149™-2021 IEEE Recommended Practice for Antenna Measurements					
Test Description		Guangdong Xingci testing technology research Co., Ltd. tested the electrical performance of 1pc of 2 IN 1 Adapter Manual under the guideline of relevant standard. Please see test result in page 5, Radiation Patterns in pages 6-10.					
Remarks							
Tested by: Guanzhiliang Date: Nov. 19, 2024		Checked by: Zhang Xiao jun Date: Nov. 22, 2024		Approved by: (Authorized signatory) Yang Shuangxing Date: Nov. 22, 2024			

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 pages 10-11
Remarks (Provided by the customer)	Antenna size: 64mm×44mm×10mm Antenna weight: 71.5g

Sample Number

Item	Sample Number	Serial Number
1	AC2024111901	/

Electrical Performance Test Result 1

Item	Test Item	Technical Requirement	Unit	Test Frequency (MHz)	Test Result
					WiFi Port
1	Gain	/	dBi	2400	-12.30
				2450	-12.46
				2500	-13.18
				5150	-3.00
				5250	-3.34
				5350	-2.32
				5470	-1.88
				5500	-1.54
				5725	-2.20
				5850	-4.13
2	Efficiency	/	%	2400	1.16
				2450	0.90
				2500	0.85
				5150	8.98
				5250	8.13
				5350	9.78
				5470	10.73
				5500	10.90
				5725	10.23
				5850	8.83
3	Radiation Pattern	/	/	2400-2500 5150-5850	Pages 6-8
Note: Test Method: Near Field Measurement Method.					

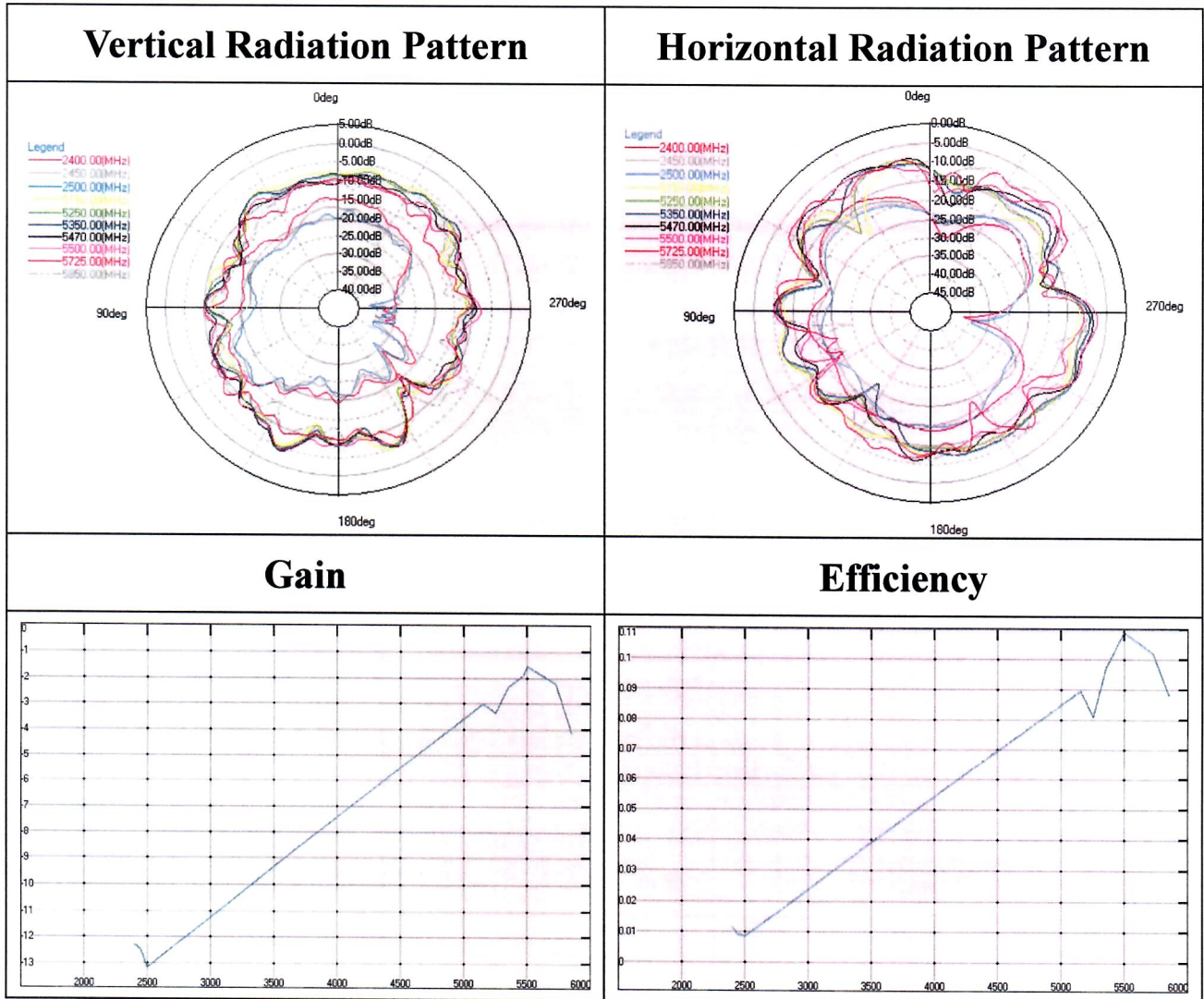
Electrical Performance Test Result 2

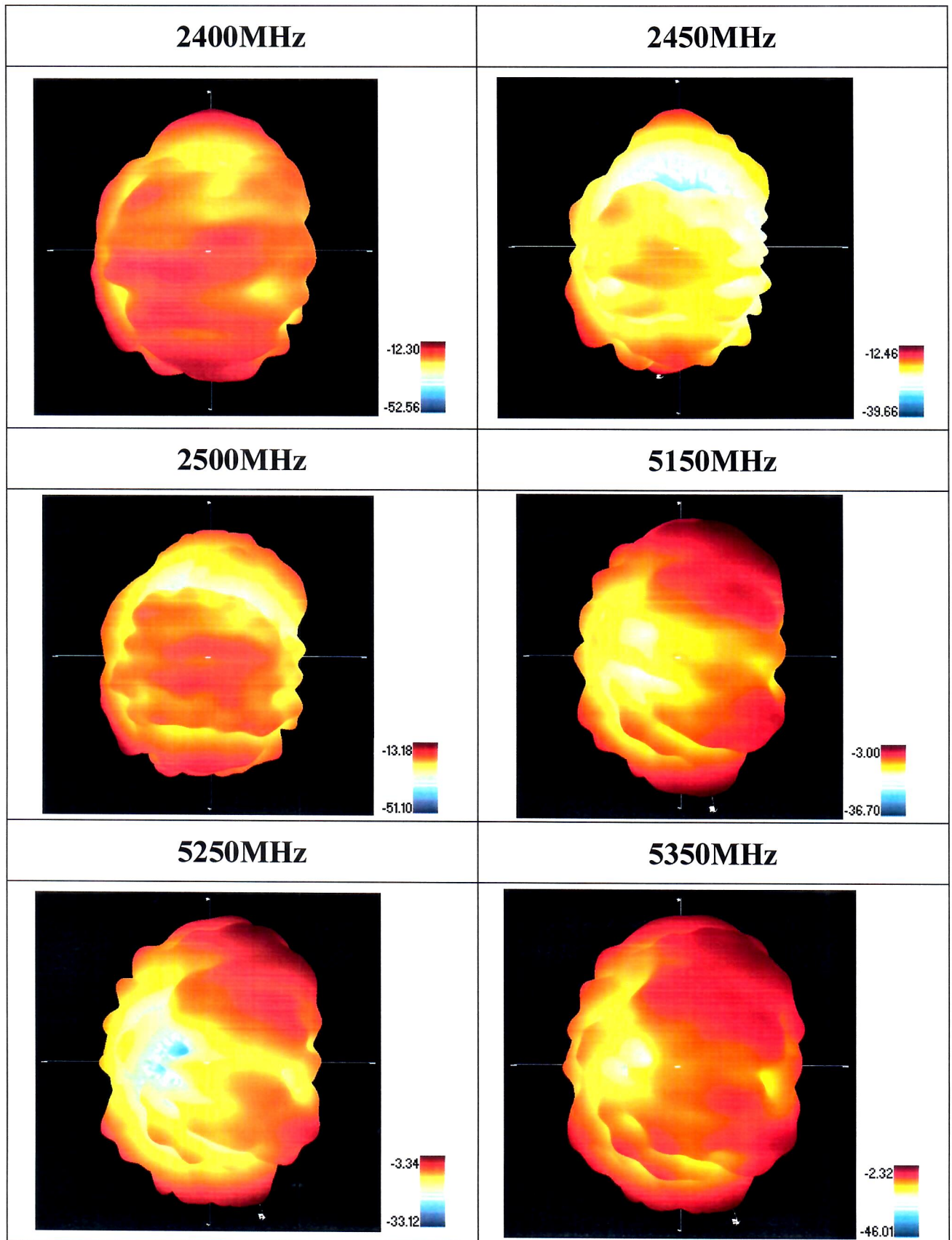
Item	Test Item	Technical Requirement	Unit	Test Frequency (MHz)	Test Result
					BT Port
1	Gain	/	dBi	2400	-2.65
				2450	-3.05
				2500	-4.62
2	Efficiency	/	%	2400	13.59
				2450	10.65
				2500	7.53
3	Radiation Pattern	/	/	2400-2500	Pages 9-10
Note: Test Method: Near Field Measurement Method.					

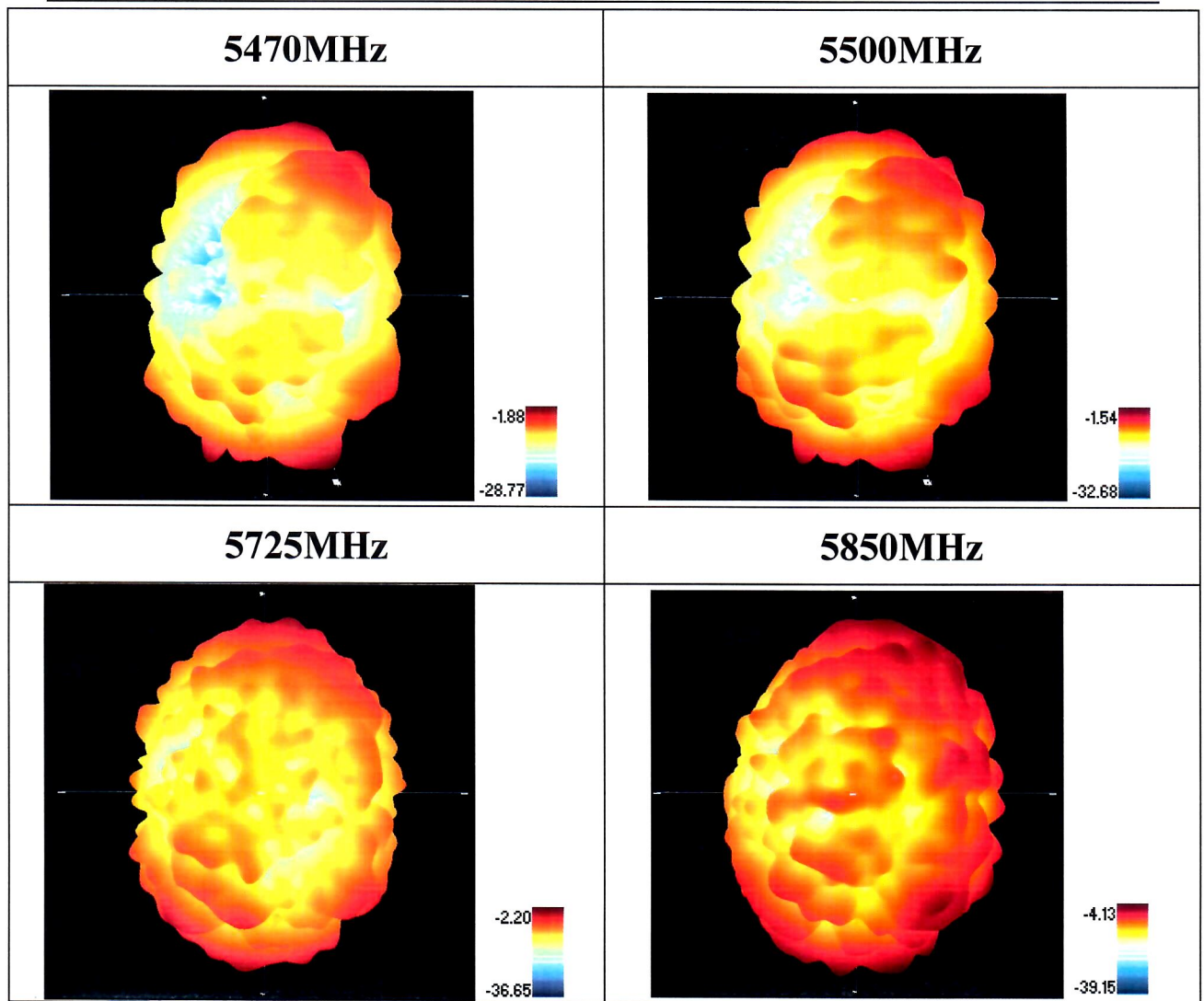
Radiation Pattern

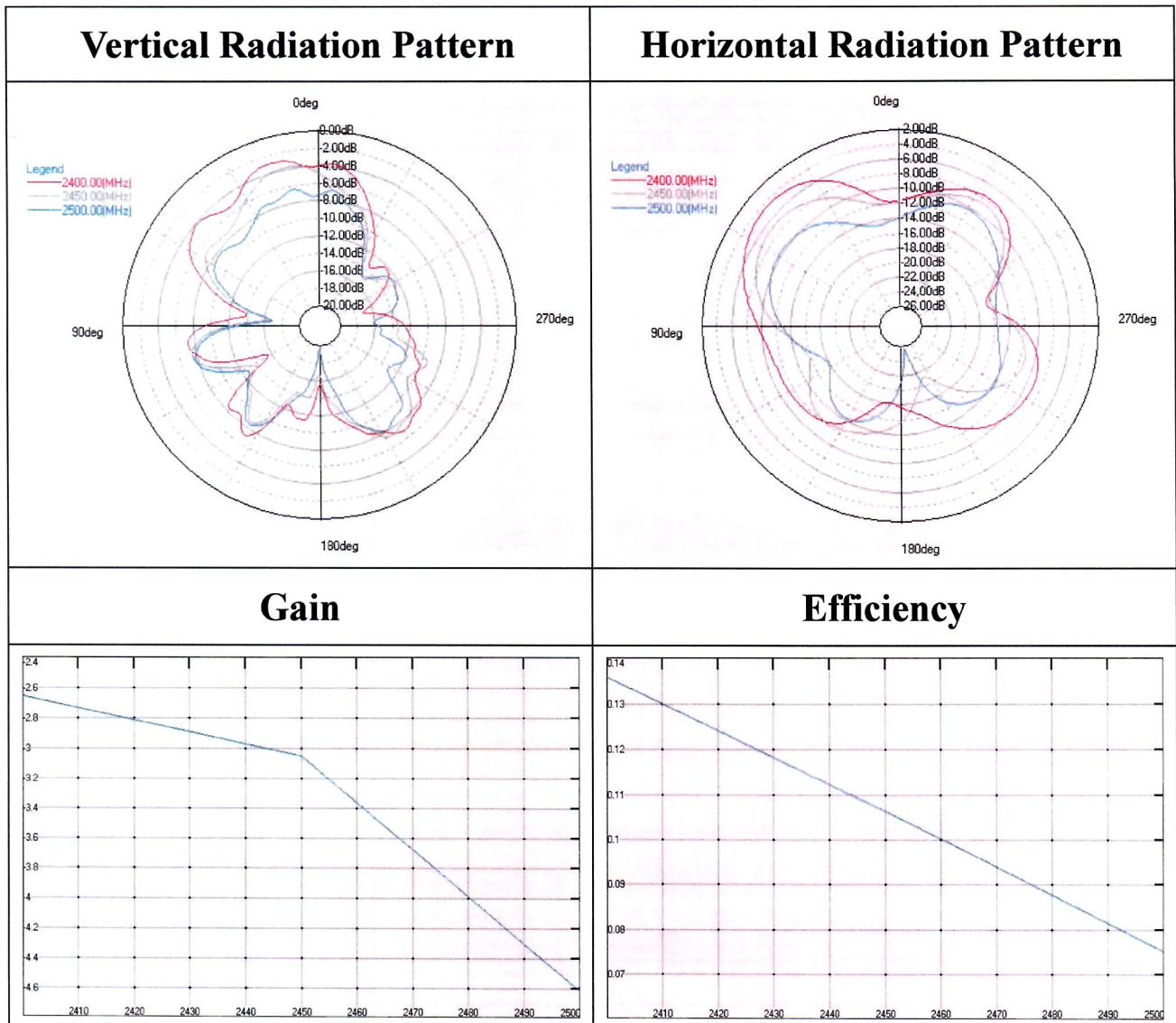
WiFi Port

2D

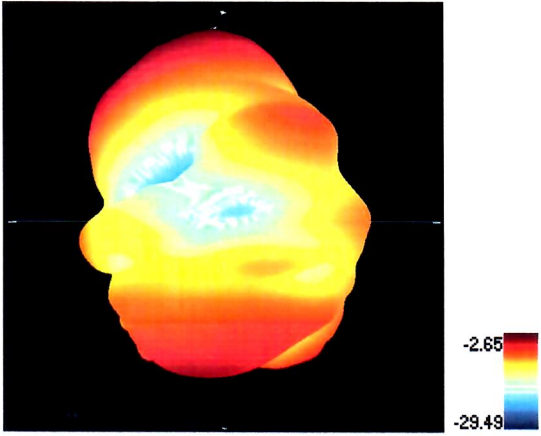
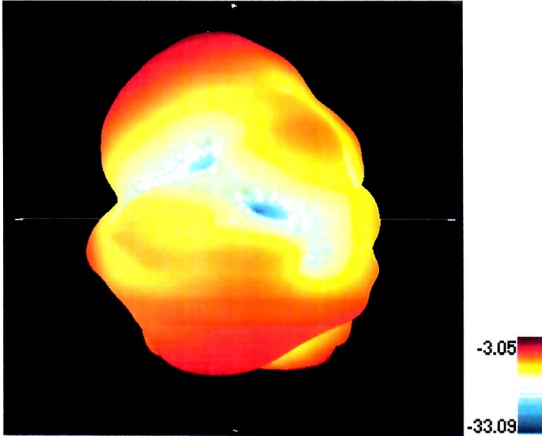
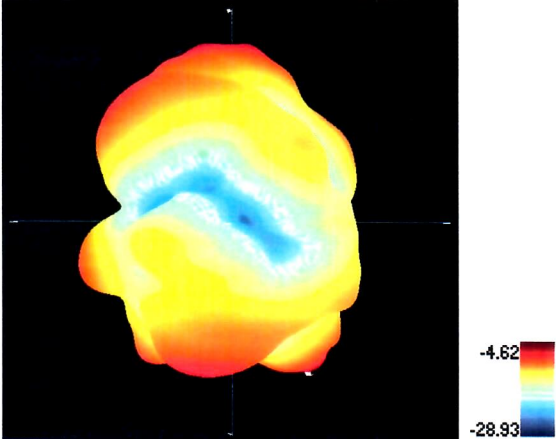


3D

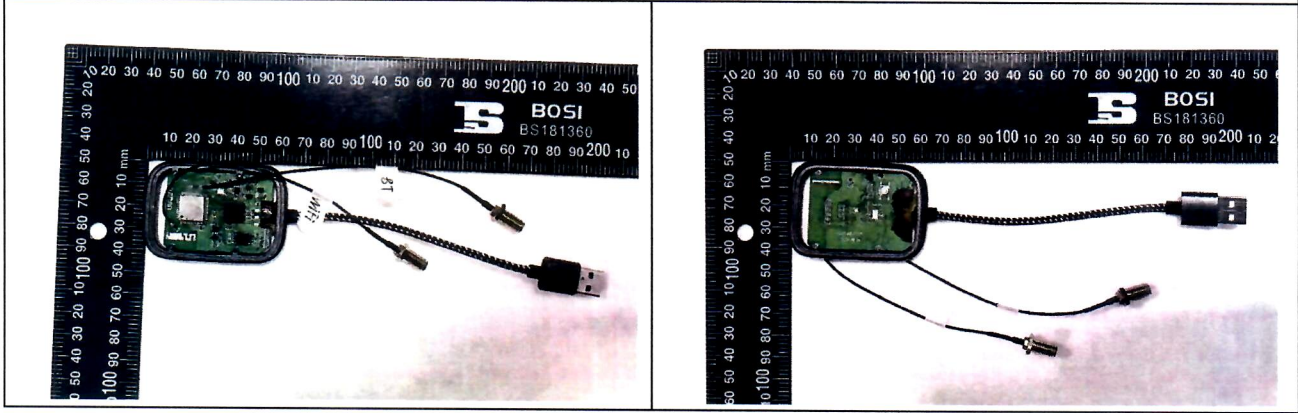


BT Port**2D**

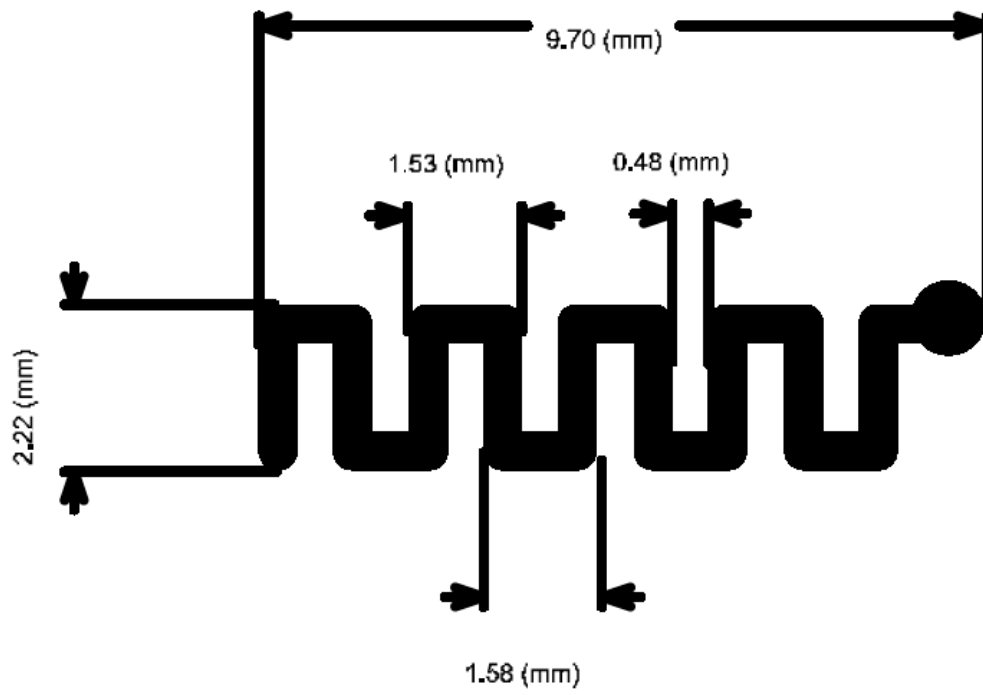
3D

2400MHz	2450MHz
	
2500MHz	/
	/

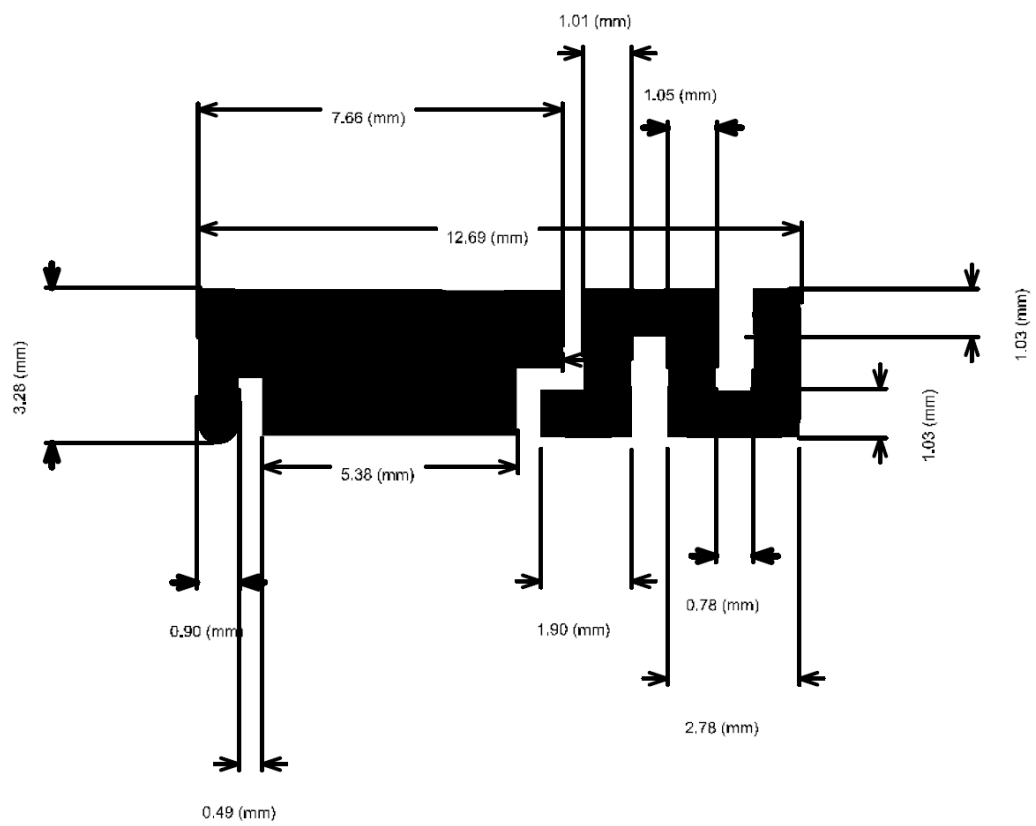
Sample photo



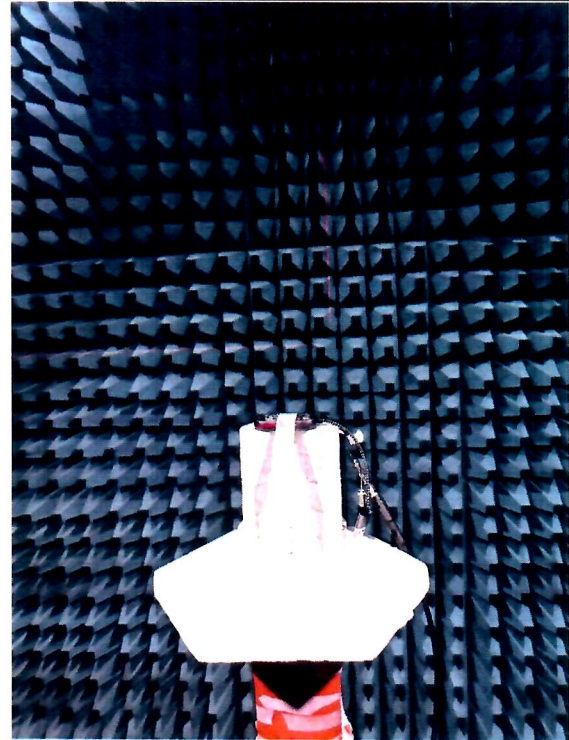
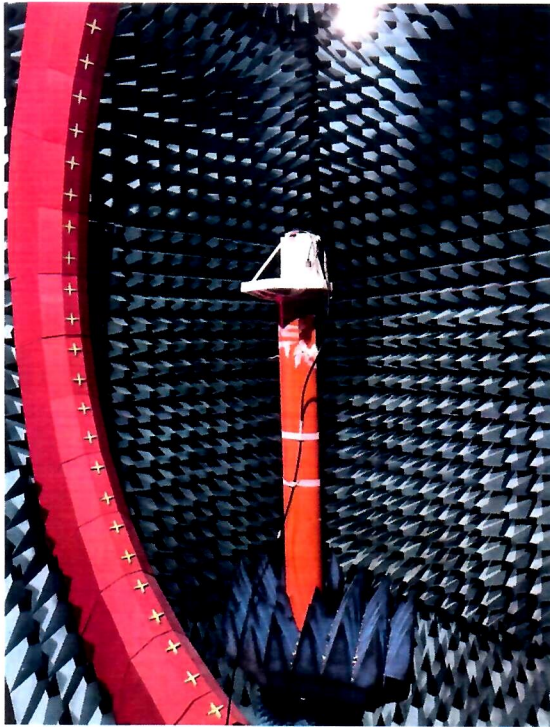
Bluetooth Antenna



Wifi Antenna



Radiation Pattern Test site



XCL-AC202411-0083

Main instruments and equipment for testing and test system

No.	NAME	Model	SERIAL NUMBER	VALIDITY DATE (DD/MM/YY)
1	Analog Signal Generator	N5172B	XCRE096	05/03/2025
2	Analog Signal Generator	N5181A	XCRE034	05/03/2025
3	Standard Gain Antenna	SH400-440	XCA014	22/11/2024
4	Microwave Anechoic Chamber	5m×5m×5m	XCC03	22/08/2025
5	SG64 Antenna Test System	SATENV 2.0.1.5 Build12	XCXT03	N/A

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