



Report No.: XCL-AC202507-0003

TEST REPORT

Product Name: FPC Antenna

Model: UP Travel

Test Sort: External Commission Test

Client: Abbingdon Global Limited

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		FPC Antenna		Manufacture Date		/	
Product Model		UP Travel		Brand Name		/	
Client	Name	Abbingdon Global Limited					
	Address	79 SCARISBRICK NEW ROAD SOUTHPORT ENGLAND PR&8 6LJ					
Test Type		External Commission Test					
Test Place		SG64 Anechoic Chamber (Guangdong Xingci testing technology research Co.,Ltd.)					
Sample Qty		1pc		Test Date		Jul. 1, 2025	
Test Environment		Temperature: (21~22) °C		Relative Humidity: (63~65) %			
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 FPC Antenna under the guideline of relevant standard. Please see test result in page 5, Radiation Patterns in pages 6-8.					
Remarks							
Tested by: Guanzhiliang		Checked by: zhang xiao-jun		Approved by: (Authorized signatory) Yangshuangxiang			
Date: Jul. 1, 2025		Date: Jul. 12, 2025		Date: Jul. 12, 2025			

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 9-10
Remarks (Provided by the customer)	Device size: 55mm×30mm×16.8mm Device weight: 25.7g Antenna size: 17.8mm×7mm

Sample Number

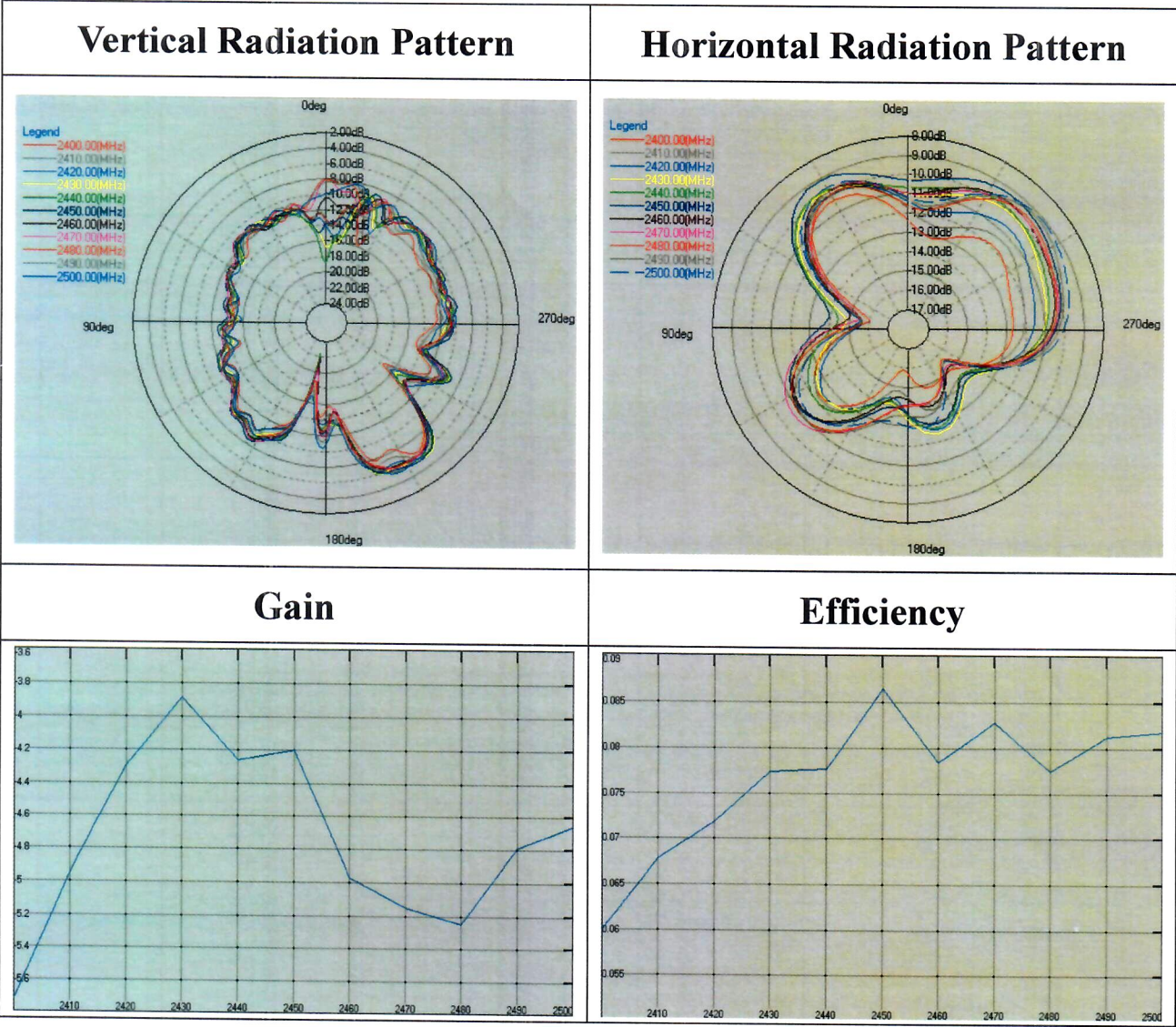
Item	Sample Number	Serial Number
1	AC2025070103	/

Electrical Performance Test Result

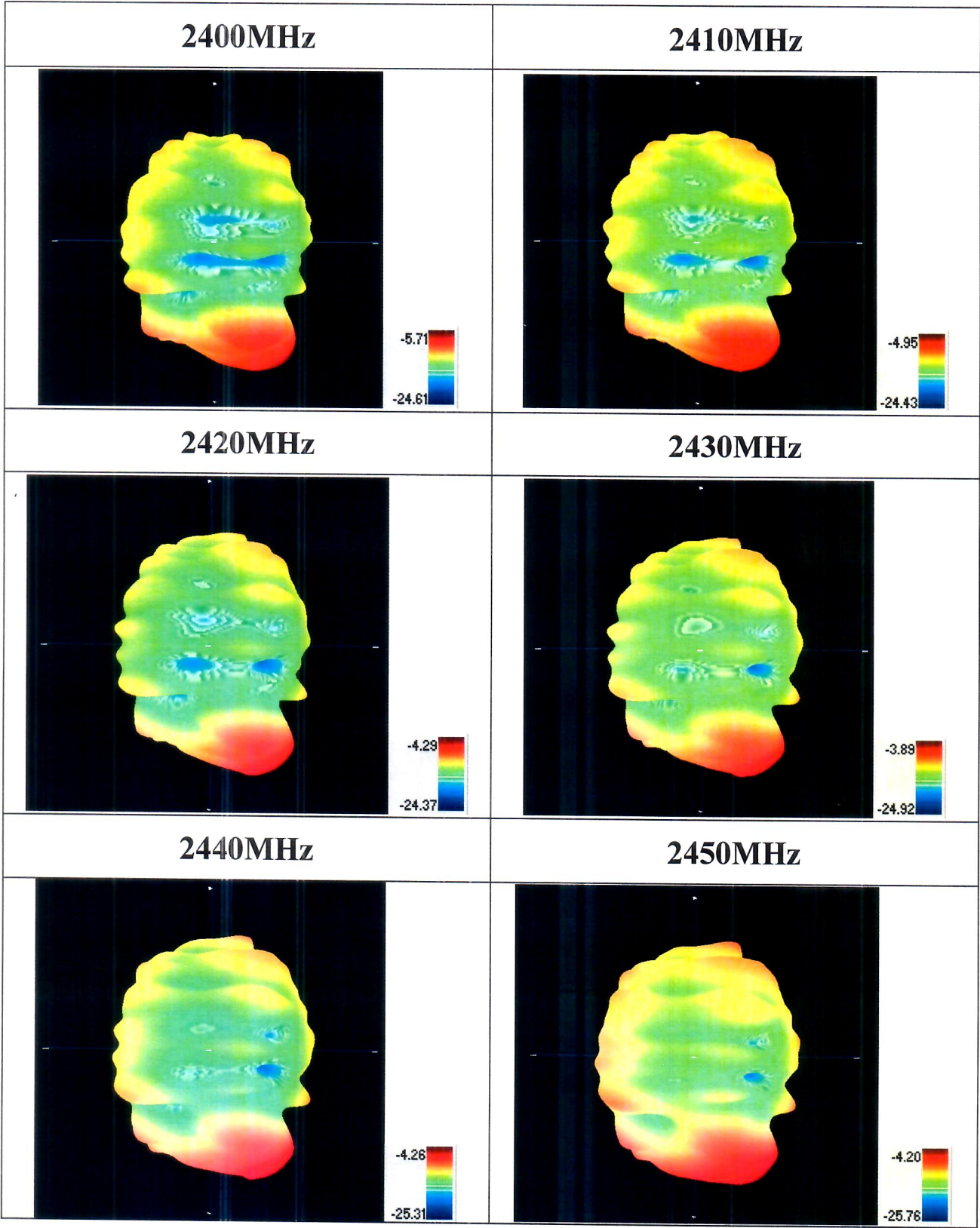
Item	Test Item	Technical Requirement	Unit	Test Frequency (MHz)	Test Result
1	Gain	/	dBi	2400	-5.71
				2410	-4.95
				2420	-4.29
				2430	-3.89
				2440	-4.26
				2450	-4.20
				2460	-4.97
				2470	-5.14
				2480	-5.25
				2490	-4.79
				2500	-4.66
2	Efficiency	/	%	2400	6.00
				2410	6.77
				2420	7.18
				2430	7.74
				2440	7.77
				2450	8.64
				2460	7.85
				2470	8.28
				2480	7.75
				2490	8.13
				2500	8.18
3	Radiation Pattern	/	/	2400-2500	Pages 6-8
Note: Test Method: Near Field Measurement Method.					

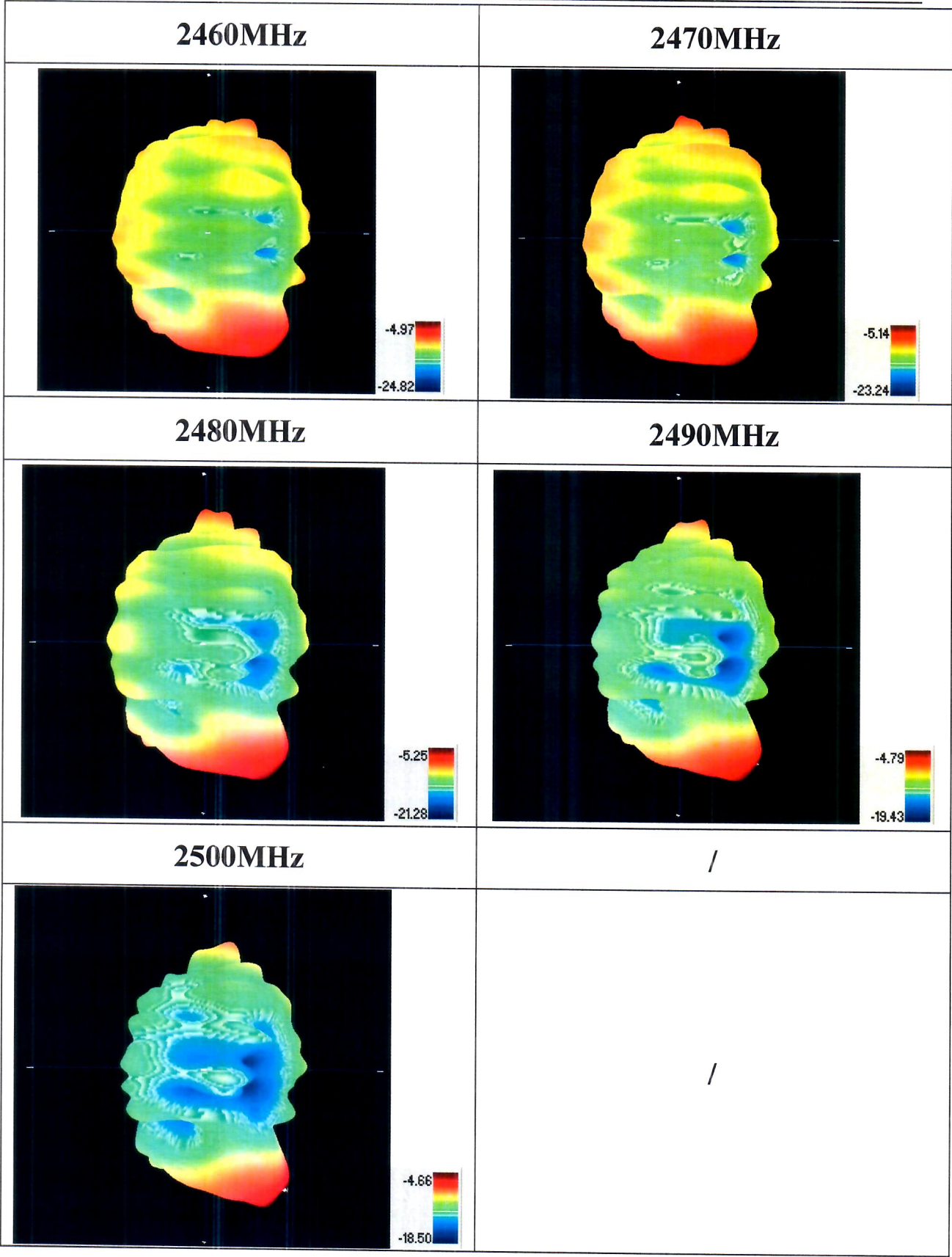
Radiation Pattern

2D

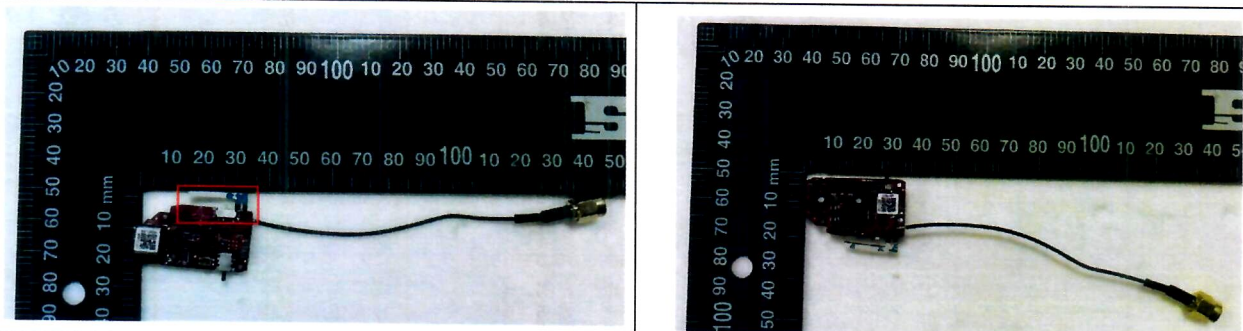


3D

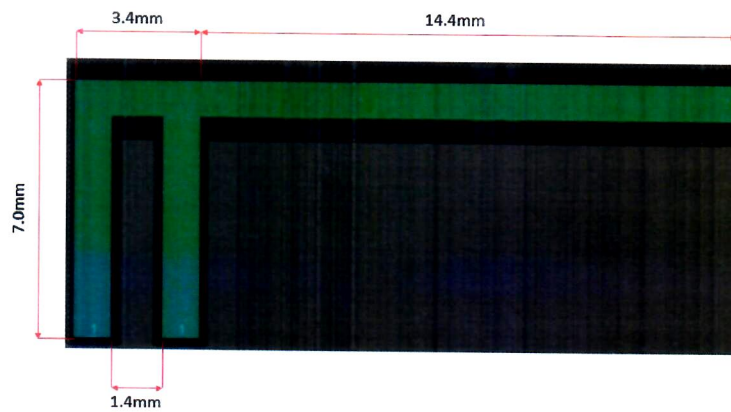




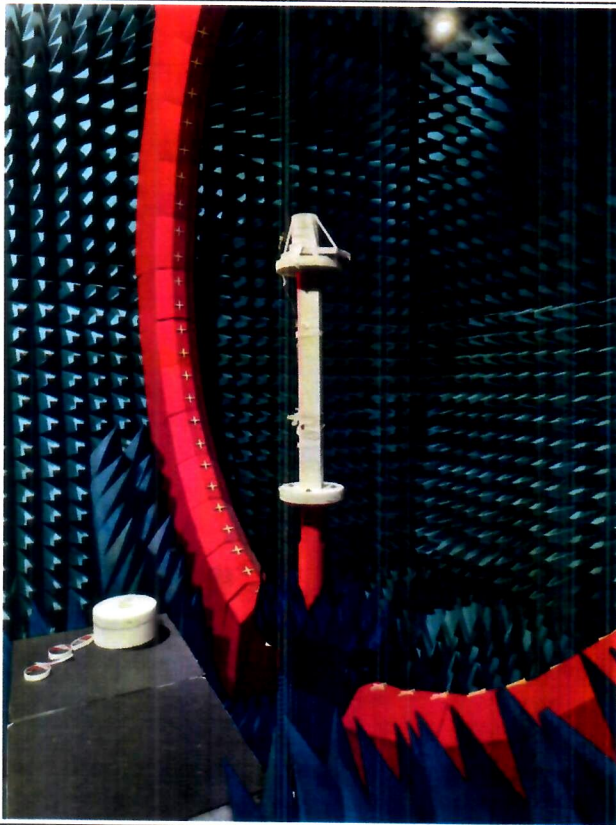
Sample photo



Antenna photo



Radiation Pattern Test site



Main instruments and equipment for testing and test system

No.	NAME	Model	SERIAL NUMBER	VALIDITY DATE (DD/MM/YY)
1	Analog Signal Generator	N5181A	XCRE034	04/03/2026
2	Analog Signal Generator	N5181A	XCRE035	25/07/2025
3	Standard Gain Antenna	SH400-440	XCA014	21/11/2025
4	Microwave Anechoic Chamber	5m×5m×5m	XCC03	05/06/2028
5	SG64 Antenna Test System	SATENV 2.0.1.5 Build12	XCXT03	N/A

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