

Antenna Test Report

Version: V1.0 2026/05/21

•imprint

•V1.0: Initial Version.

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1 Project Brief Introduction

2 Version summary

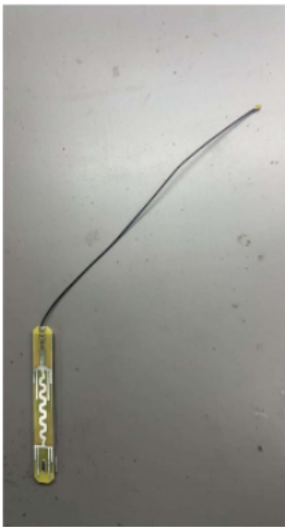
3 Antenna power-down test data

4 Test environment and antenna installation

5 Summary & Attachment Notes



Prototype demonstration



•front, frontage, the obverse side, the right side, face



the back, the reverse side, the wrong side



Project Brief Introduction

type	ABM01					
template	PCB					
Band and antenna material	main antenna	frequency range, frequency channel		material quality		
		2400Mhz	2412-2472Mhz	FPC	/	
performance requirement	Customer Standards					



Shenzhen SunHow Industrial Co., Ltd

Version summary

Report Version	Report Time	The problems addressed by this antenna development
V1.0	2026-05-21	Antenna Passive Testing

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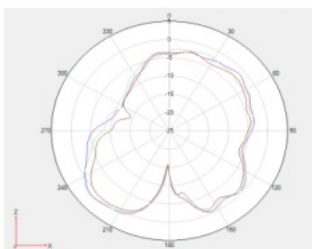
Passive test data-2.4G

Gain&Efficiency==		
(MHz) Frequency	(%) Effi ency	(dBi) Gain
2400	56.59	1.52
2410	56.25	1.43
2420	49.79	0.78
2430	53.79	0.98
2440	54.09	1.15
2450	56.55	1.42
2460	58.76	1.58
2470	55.84	1.58
2480	59.59	2.01
2490	58.74	1.75
2500	59.65	0.62

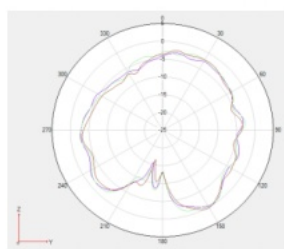


OTA OTAPassive testing

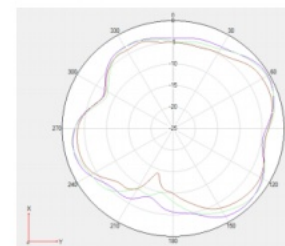
2D图



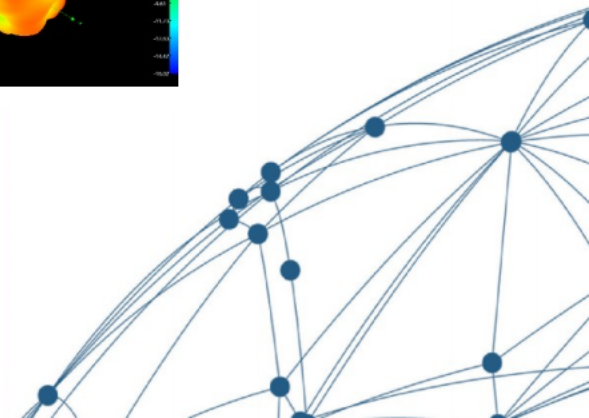
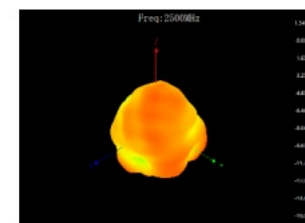
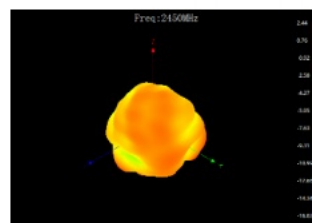
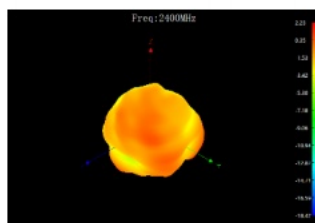
2D图



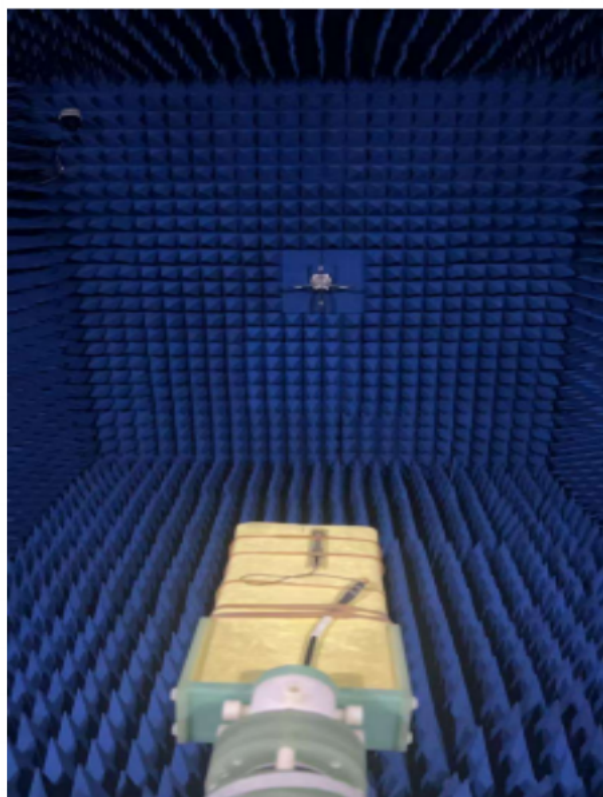
2D图



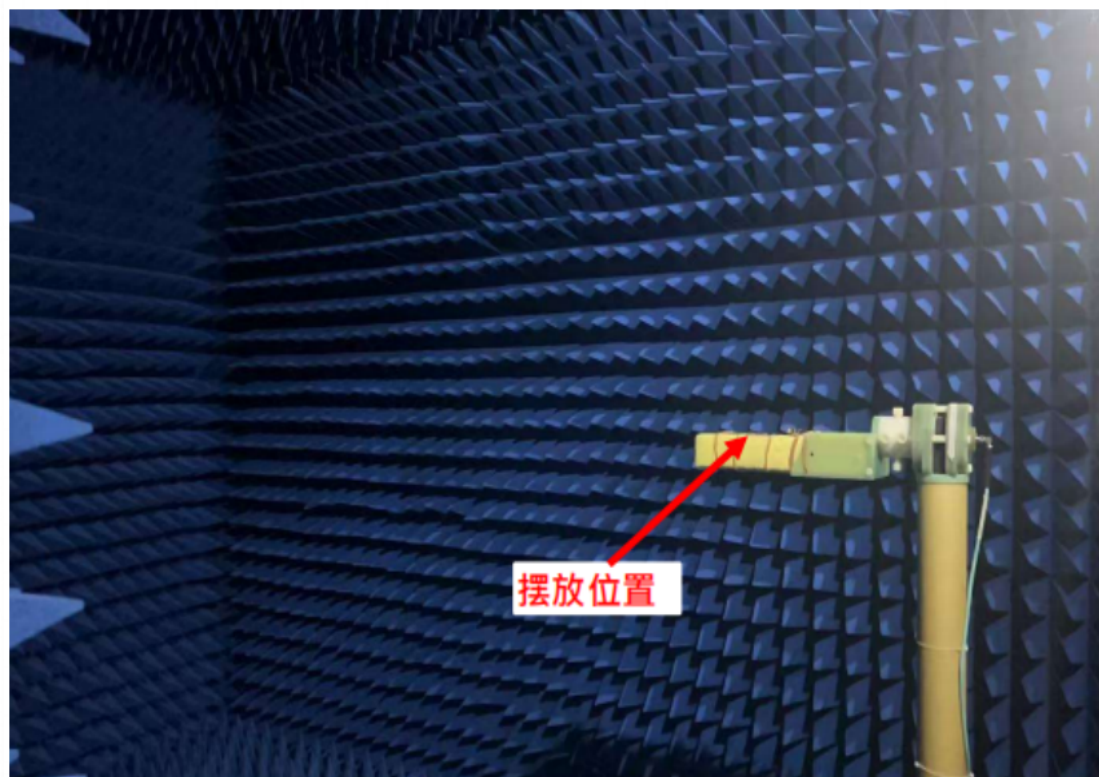
3D Radition pattern



OTA testing environment



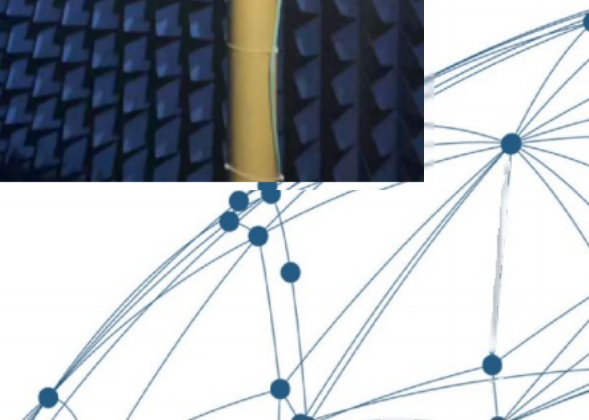
OTA



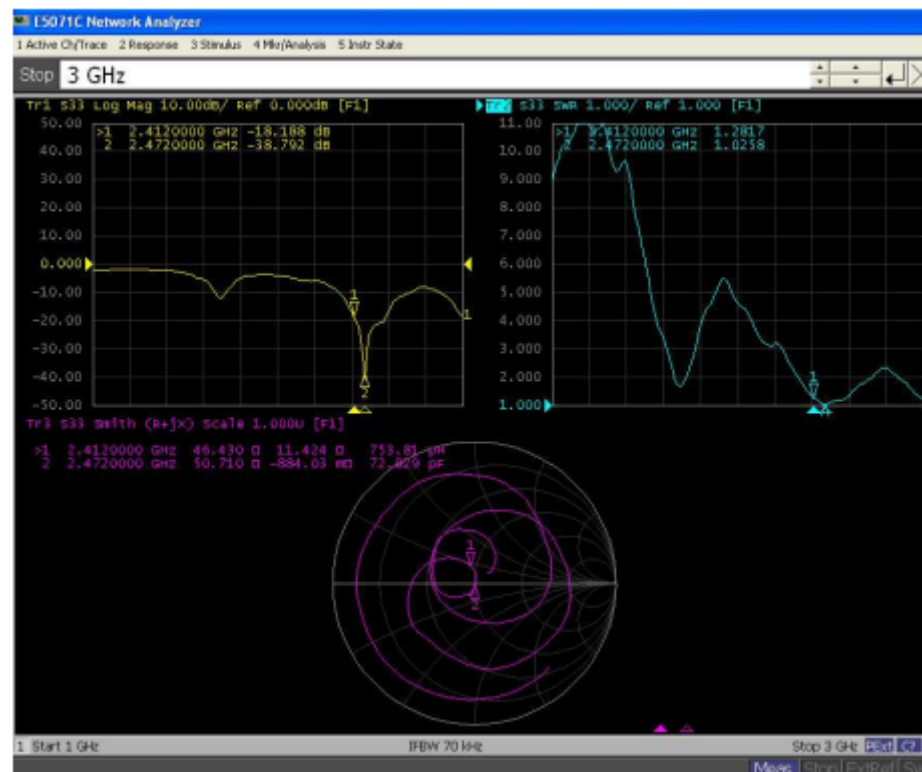
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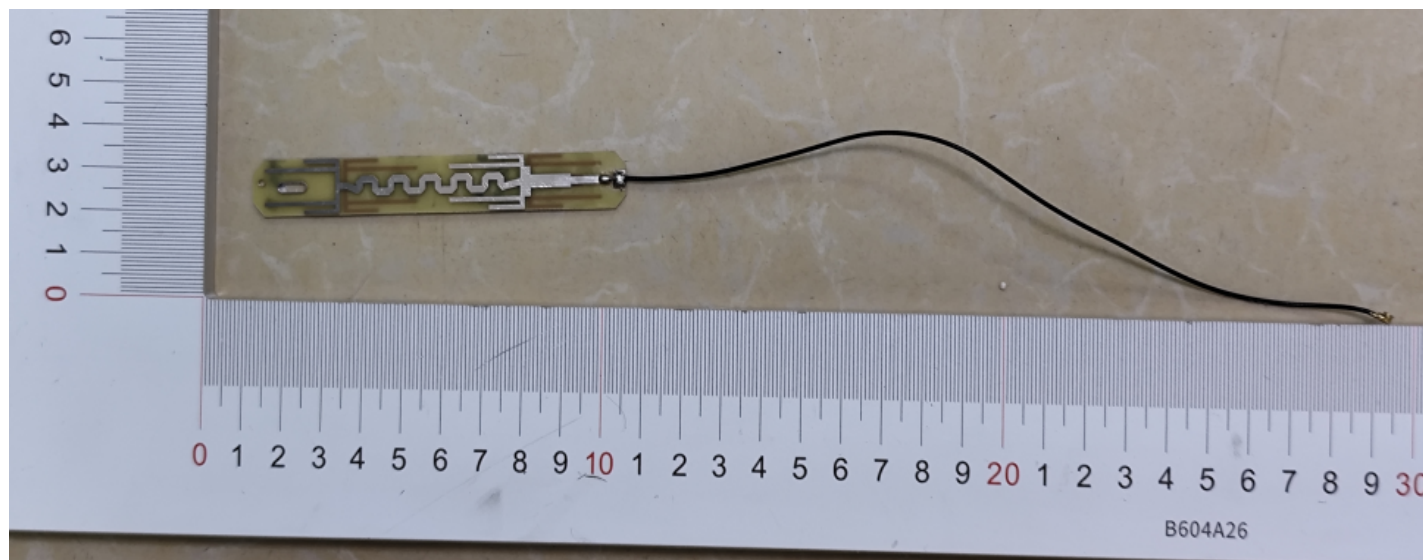
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433-S11testing environment





Summary & Attachment Notes

Summary

1、Antenna performance and parameters have been tested and meet the requirements. Detailed data are provided in the report.

2、During the subsequent antenna installation, strictly follow our company's schematic diagram





SHENZHEN WANDA TECHNOLOGY CO., LTD.

Contact us



Thanks

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