



深圳锐锋电子技术有限公司研发
Shenzhen Ruifeng Electronic Technology Co., LTD. R & D

承 认 书
SPECIFICATION FOR APPROVAL

客户名称 Customer Name	视宇通		
客户项目名 Customer Project Name	AU	项目名 Project Name	AU
客户编码 Customer P/N		料号 P/N	WF6267B-B60L-A
频段 Band	WiFi2. 4G/BT		
版本号 Version	A0		
设计人信息/Designer Information			
射频工程师 RF Engineer	符学荣	研发主管 R&D Diretor	夏承磊
结构工程师 ME Engineer	黄宗宝		

审批/ Approval				客户批准/Customer Approval	
	制作 Prepared By	审核 Checked By	批准 Approval By	审核 Checked By	批准 Approval By
签章 Signature	李瑶娜	符学荣	夏承磊		
日期 Date	2025. 8. 22	2025. 8. 22	2025. 8. 22		

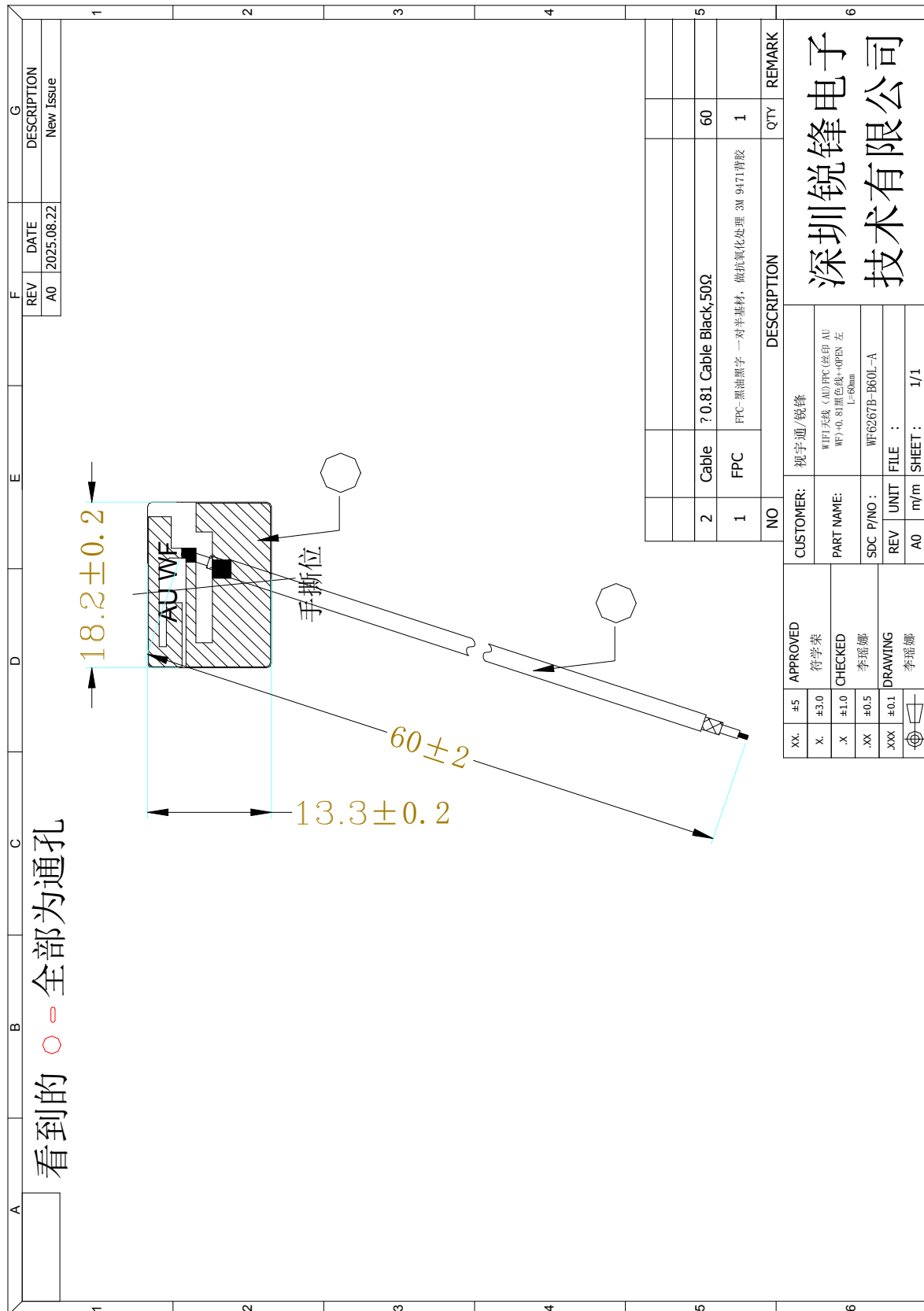
修订履历/Change Log				
版本 Version	修订内容 Change Description	责任人 Person in Charge	核准 Approval By	日期 Date

目录/Catalogue

序号 No.	项目 Item	页码 Page No.
1	图纸或实物图片 Drawing or Product Image	3/5
2	尺寸测量报告 Dimensions Test Report	4/6
3	射频性能测试报告 RF Performance Test Report	7-10
4	可靠性测试报告 Reliability Test Report1	11
5	安装事宜或其它 Install Wizard or Other	12

产品图纸或实物图片

Drawing or Product Image





深圳锐锋电子技术有限公司研发

Shenzhen Ruifeng Electronic Technology Co., LTD. R & D

样品尺寸测量报告

Sample Dimensions Test Report

测试日期 Test Date	2025. 8. 22	样品数量 Sample Qty.	3	测试人 Inspector	许燕芳
尺寸编号 Dimension No.	标准 Standard	样品 1 Sample 1	样品 2 Sample 2	样品 3 Sample 3	Pass/NG
①Length	18. 2±0. 2mm	18. 2	18. 3	18. 3	Pass
②Width	13. 3±0. 2mm	13. 3	13. 4	13. 3	Pass
③Thickness	0. 1±0. 03mm	0. 1	0. 1	0. 1	Pass
④wire length	60±2mm	60	61	60	Pass
最终结论 Conclusion					PASS
测试人&日期 Inspector & Date	许燕芳 2025. 8. 22		批准&日期 Approval & Date		

射频性能测量报告

RF Performance Test Report

天线测试设备简介

Antenna Test Equipment Introduction

测试天线输入特性使用 Agilent E5071C and Agilent 5062A 矢量网络分析仪；辐射特性利用广屏三维近场暗室进行测试，并分别使用 8960 E5515 和 Agilent E4438C 进行了分析。暗房的测试坐标如下：

Test of antenna input characteristics using Agilent E5071C and Agilent 5062A vector network analyzer; The radiation pattern of the antenna are tested using the guangping 3D near field Anechoic Chamber, and the instrument is used to agilent8960 E5515 and Agilent E4438C. The test coordinates of the darkroom are as follows:

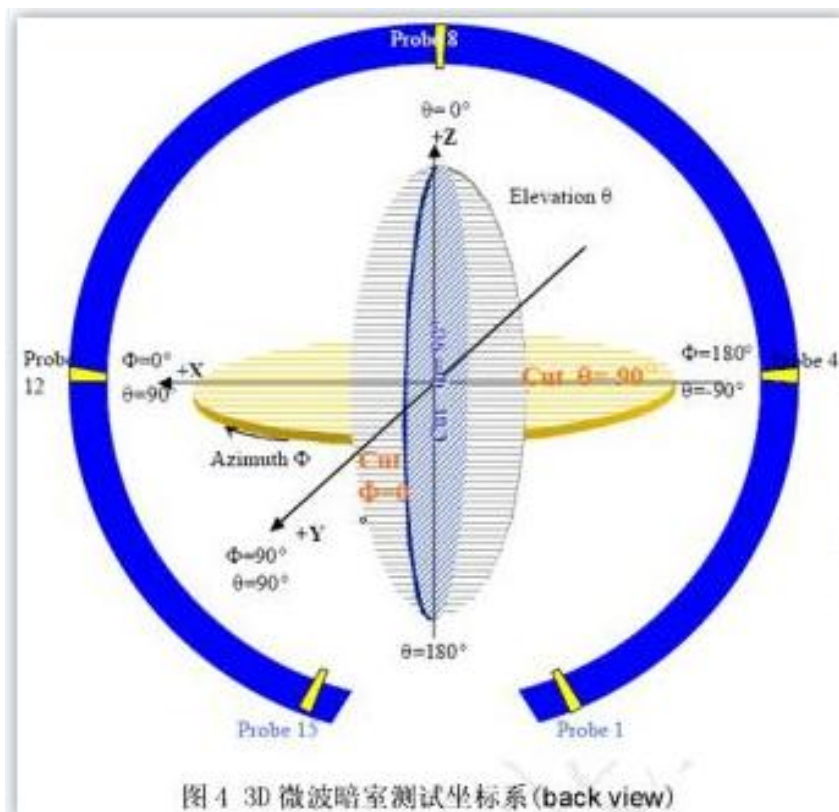


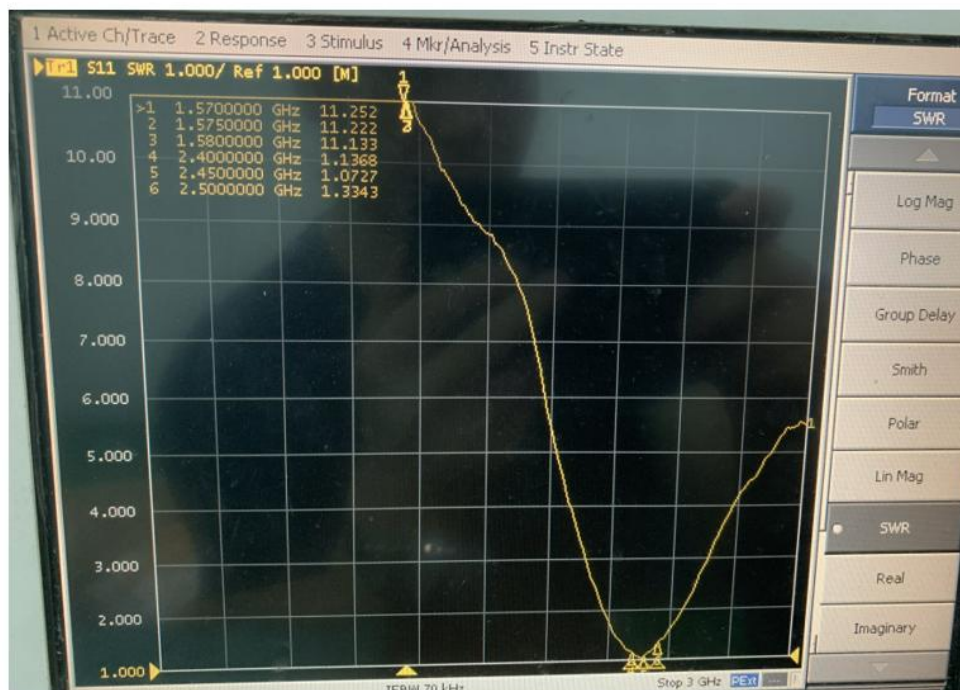
图4 3D 微波暗室测试坐标系(back view)

1. S11 参数测量/S11 Parameter-VSWR

使用一根 50Ω 同轴电缆连接到天线，然后该电缆连接到网络分析仪测量 S11 参数，被测量产品远离金属至少 20 厘米。

Measuring Method is a 50Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the S11 parameter, Keeping this fixture away from metal at least 20cm.

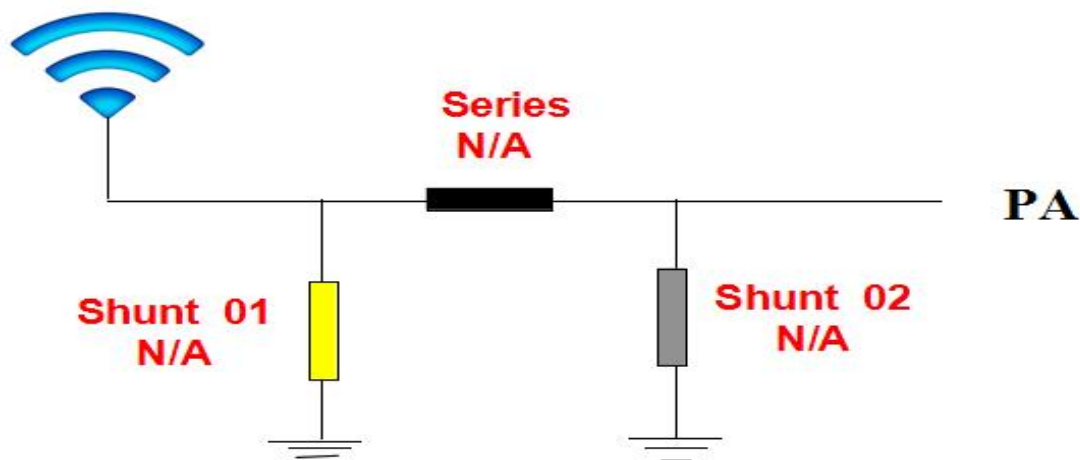
S11 Parameter-VSWR



频率 (MHZ)	2400	2450	2500
驻波比	1.1	1	1.3

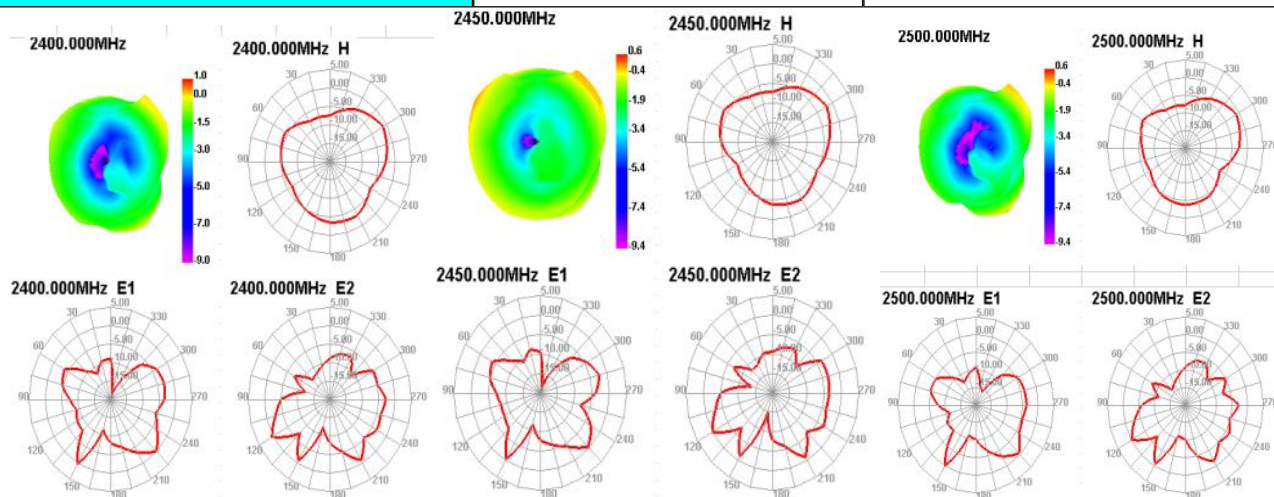
2. 天线匹配网络/Antenna Matching Network

Antenna



3. Gain & Efficiency

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	42.76	0.98
2450	43.53	0.62
2500	43.28	0.57





深圳锐锋电子技术有限公司研发

Shenzhen Ruifeng Electronic Technology Co., LTD. R & D

可靠性测试报告

Reliability Test Report

测试日期 Test Date	2025. 8. 22	样品数量 Sample Qty.	3	测试人 Inspector	许燕芳	
测试项目 Test Item	要求 Requirement	试验设备 testing equipment	样品 1 Sample 1	样品 2 Sample 2	样品 3 Sample 3	判定 PASS/NG
High temperature storage	Exposure to +85°C for 24H, followed by testing after 2H recovery	Constant temperature and humidity chamber	OK	OK	OK	Pass
Cold storage	Exposure to -40°C for 24 H, followed by testing after 2H recovery	Constant temperature and humidity chamber	OK	OK	OK	Pass
Working in high temperatures	It can be powered on for 24 hours under +60°C conditions	Constant temperature and humidity chamber	OK	OK	OK	Pass
Low temperature work	It can be operated for 24 hours under -20°C condition	Constant temperature and humidity chamber	OK	OK	OK	Pass
Salt spray test	(50.5)% sodium chloride, pH value is 6.5 ~ 7.2 , experimental box temperature (35±2)°C ☐ 24H ☒ 48H	Salt spray tester	OK	OK	OK	Pass
Connecting rod riveting pull and pull	1. 13 线径 ≥10N 0. 81 线径 ≥8N RG174 ≥60N RG178 ≥50N	Pull and push dynamometer	≥8N	≥8N	≥8N	Pass
最终结论 Conclusion						Pass
测试人&日期 Inspector & Date	许燕芳 2025. 8. 22		批准&日期 Approval & Date			

安装事宜或其它

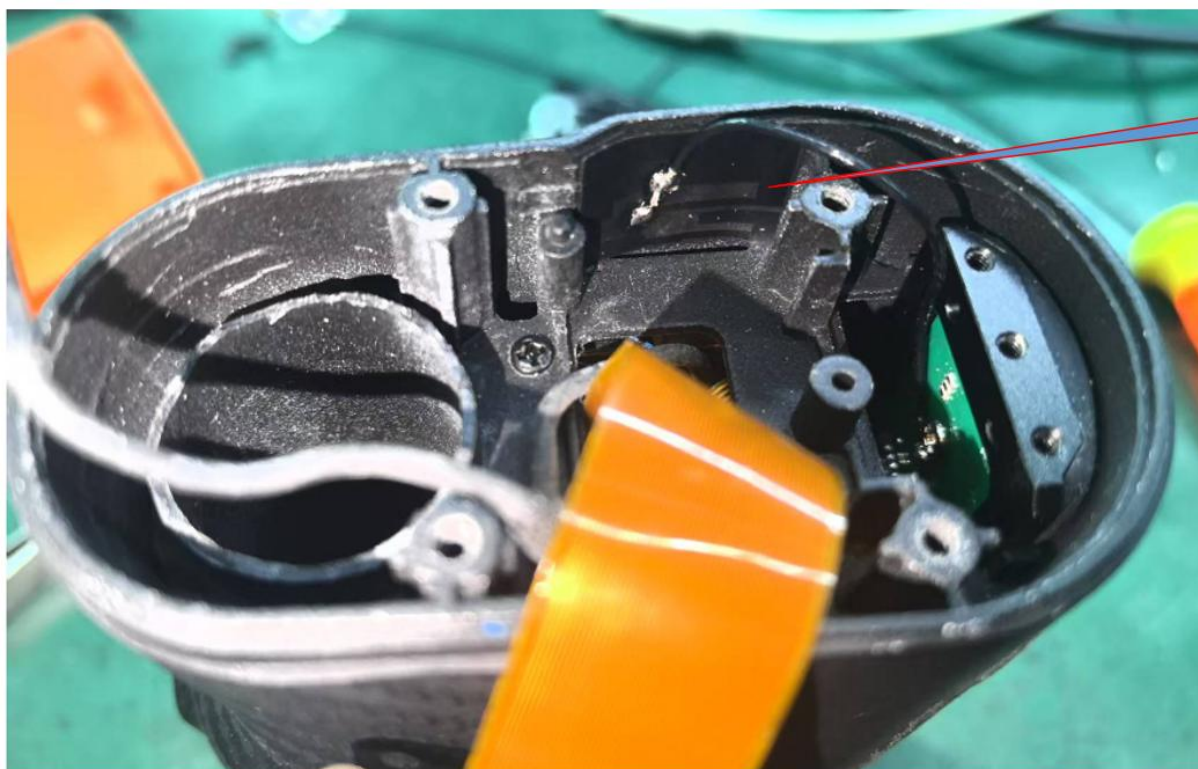
Install Wizard or Other

Installation process:

Take 1PCS product, tear off the release paper on the back of FPC by hand, then align the positioning hole of FPC with the positioning hole of the shell (positioning rib or positioning line), and attach it smoothly to the shell as shown in the figure below:

Installation Precautions: After attaching the antenna, ensure the FPC is fully adhered to the housing. Align the positioning holes with the housing's locating pillars. Align the FPC edges with the housing edges. When securing terminal-equipped antennas to the motherboard PCBA terminals, first align the terminals before vertically fastening them.;

When disassembling the antenna terminal, tools (such as special crowbars) should be used to lift the terminal vertically, and the wire should not be removed directly.



WIFI天线