



承 认 书
SPECIFICATION FOR APPROVAL

客户名称 Customer Name	泰视朗 / Teslong		
客户项目名 Customer Project Name	SI400	顺达成项目名 SDC Project Name	SI400
客户编码 Customer P/N	1. 03. 01. 007102	顺达成料号 SDC P/N	WF688B-0812R-73
频段 Band	WIFI2. 4G		
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	黄宗宝	夏成磊	陈华明		
日期 Date	2024. 5. 17	2024. 5. 17	2024. 5. 17		

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



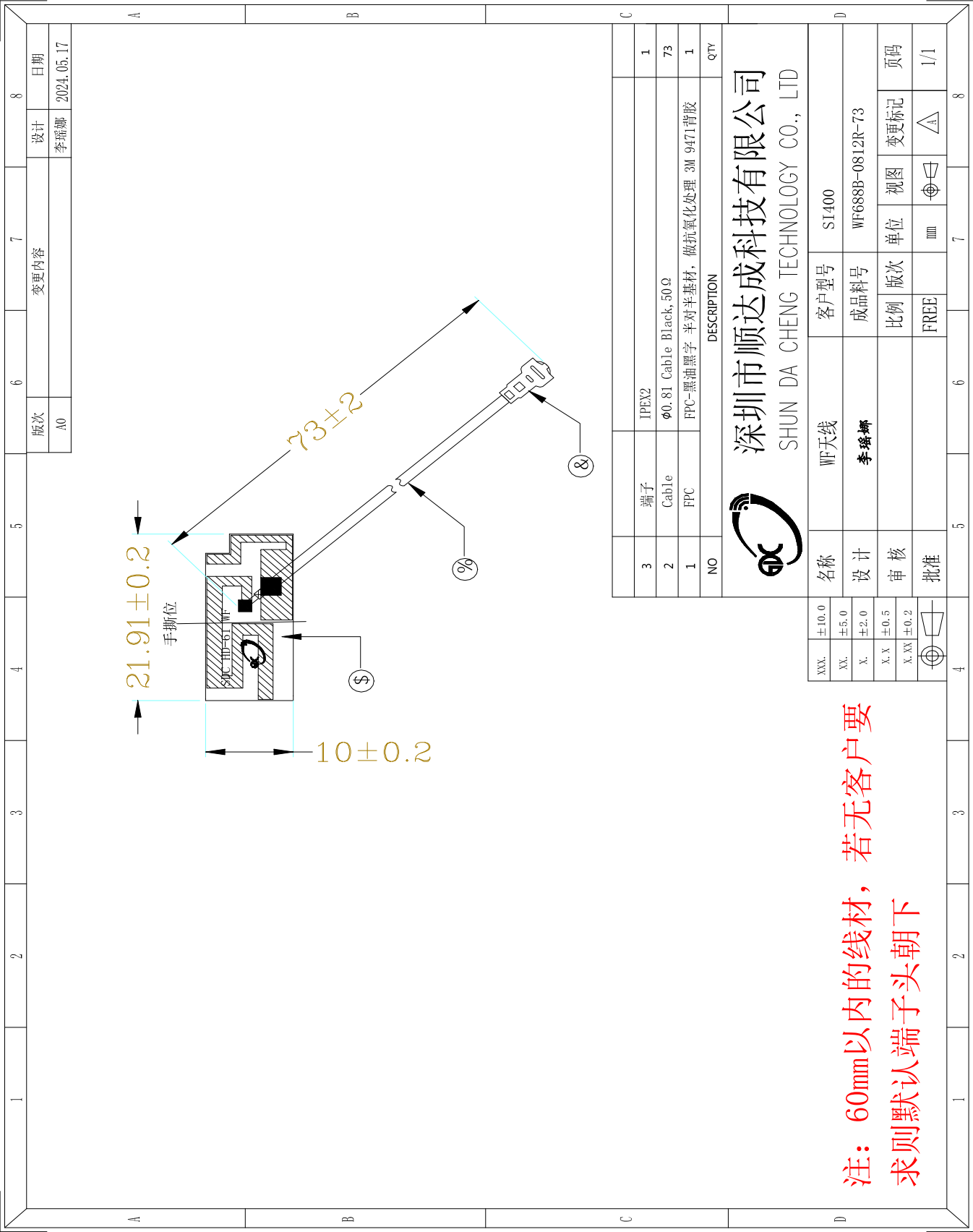
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产品图纸或实物图片
Drawing or Product Image





样品尺寸测量报告

Sample Dimensions Test Report

测试日期 Test Date	2024. 5. 17	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
①长度 Length	21. 91 ± 0. 2mm	21. 9	21. 95	22	Pass
②宽度 Width	10 ± 0. 2mm	10	10. 1	10	Pass
③厚度 Thickness	0. 1 ± 0. 03mm	0. 1	0. 1	0. 1	Pass
④线长 Line length	73 ± 2mm	73	73	74	Pass
最终结论 Conclusion					PASS
测试人&日期 Inspector & Date	许燕芳 2024. 5. 17		批准&日期 Approval & Date		



射频性能测量报告

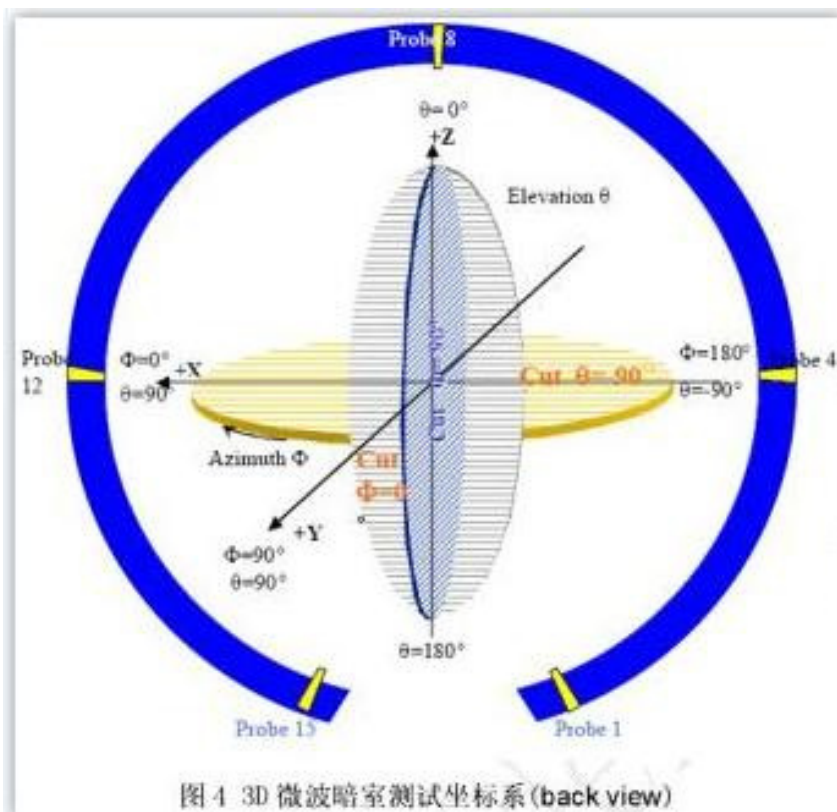
RF Performance Test Report

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:



1. S11 参数测量/S11 Parameter-VSWR

使用一根 50 Ω 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 50 Ω 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.



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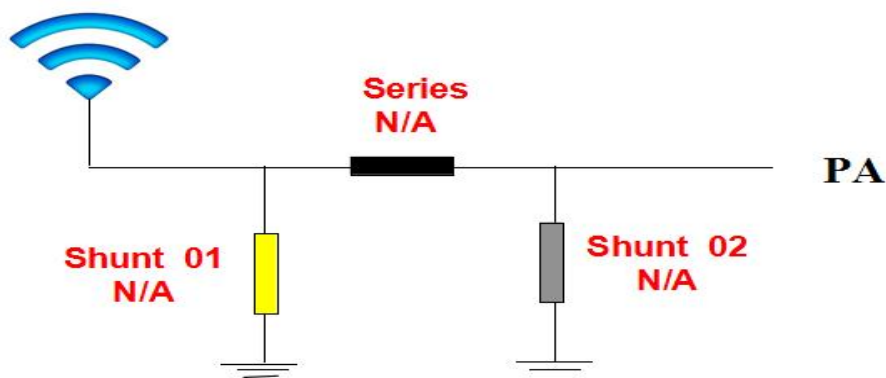
S11 Parameter-VSWR

频率 (MHZ)	2400	2450	2500
驻波比	2	1.3	1.4



2. 天线匹配网络/Antenna Matching Network

Antenna



公司地址: 深圳市宝安区福永镇重庆路新福工业园 B5 栋 4 楼

Address: 4th Floor, Building B5, Xinfu Industrial Zone, Fuyong Chongqing Road, Baoan District, Shenzhen

电话/Tel: 0755-27211658

传真/Fax: 0755-29485750

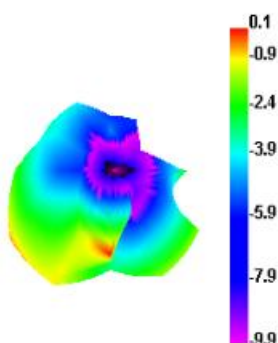


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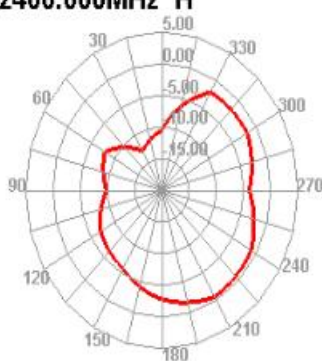
3.Gain & Efficiency

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	30.42	0.14
2450	32.06	0.61
2500	31.32	0.67

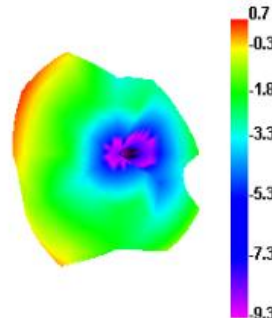
2400.000MHz



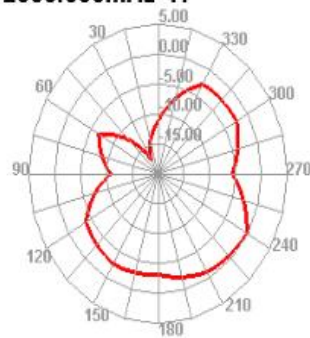
2400.000MHz H



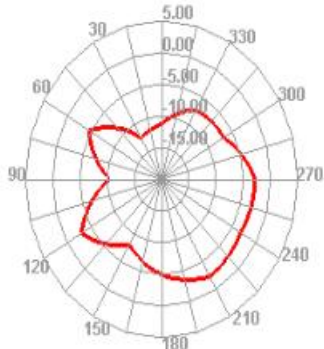
2500.000MHz



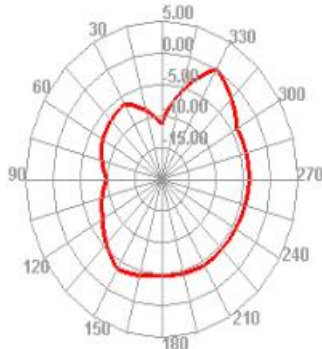
2500.000MHz H



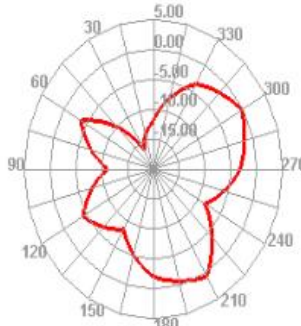
2400.000MHz E1



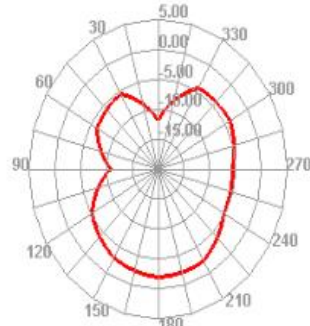
2400.000MHz E2



2500.000MHz E1



2500.000MHz E2



公司地址：深圳市宝安区福永镇重庆路新福工业园 B5 栋 4 楼

Address: 4th Floor, Building B5, Xinfu Industrial Zone, Fuyong Chongqing Road, Baoan District, Shenzhen

电话/Tel:0755-27211658

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深圳市顺达成科技有限公司
SHUN DA CHENG TECHNOLOGY CO., LTD

产品 ROHS 证书

Certificate

Certificate Number: UNIB23083106HC-01



Product: 5G/4G/WIFI/GPS/BT antenna
Applicant: ShenZhen ShunDaCheng Technology Co., Ltd.
4th Floor, Building B5, Xinfu Industrial Zone, Fuyong Chongqing Road,
Baoan District, Shenzhen
Manufacturer: N/A
Model No.: N/A
Trade Name: N/A
Test Methods: IEC 62321-2:2021, IEC 62321-3-1:2013, IEC 62321-4:2013 +A1:2017,
IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015
IEC 62321-7-2:2017, IEC 62321-8:2017

The laboratory tested the product provided by the applicant according to the above test methods.
According to the test results, the product conforms to RoHS Directive [(2011/65/EU and Amendment
(EU) 2015/863)] issued by the European Commission. It is possible to use CE marking to demonstrate
the compliance with RoHS Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment
of the whole production. It is only valid in connection with the test report number: UNIB23083106HR-01.

Note: According to the requirements of the applicant for testing, details are shown in the test
report.

RoHS

Sep. 06, 2023
Issue Date

Hoffer Lau
Hoffer Lau



Shenzhen United Testing Technology Co., Ltd.

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Longhua District, Shenzhen, Guangdong, China/518109
Guangzhou: No.47-3, Industrial Road, Zhushan, Dalong Street, Panyu District, Guangzhou, Guangdong,
China/511450;

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Certificate of Compliance