



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

承 认 书

SPECIFICATION FOR APPROVAL

客户名称 Customer Name			
客户项目名 Customer Project Name	HN-DC1013	顺达成项目名 SDC Project Name	HN-DC1013
客户编码 Customer P/N		顺达成料号 SDC P/N	WF714B-1131L-65
频段 Band	WIFI2. 4G 天线丝印: SDC F543A WF		
版本号 Version	A0		
设计人信息/Designer Information			
射频工程师 RF Engineer		研发主管 R&D Diretor	
结构工程师 ME Engineer			

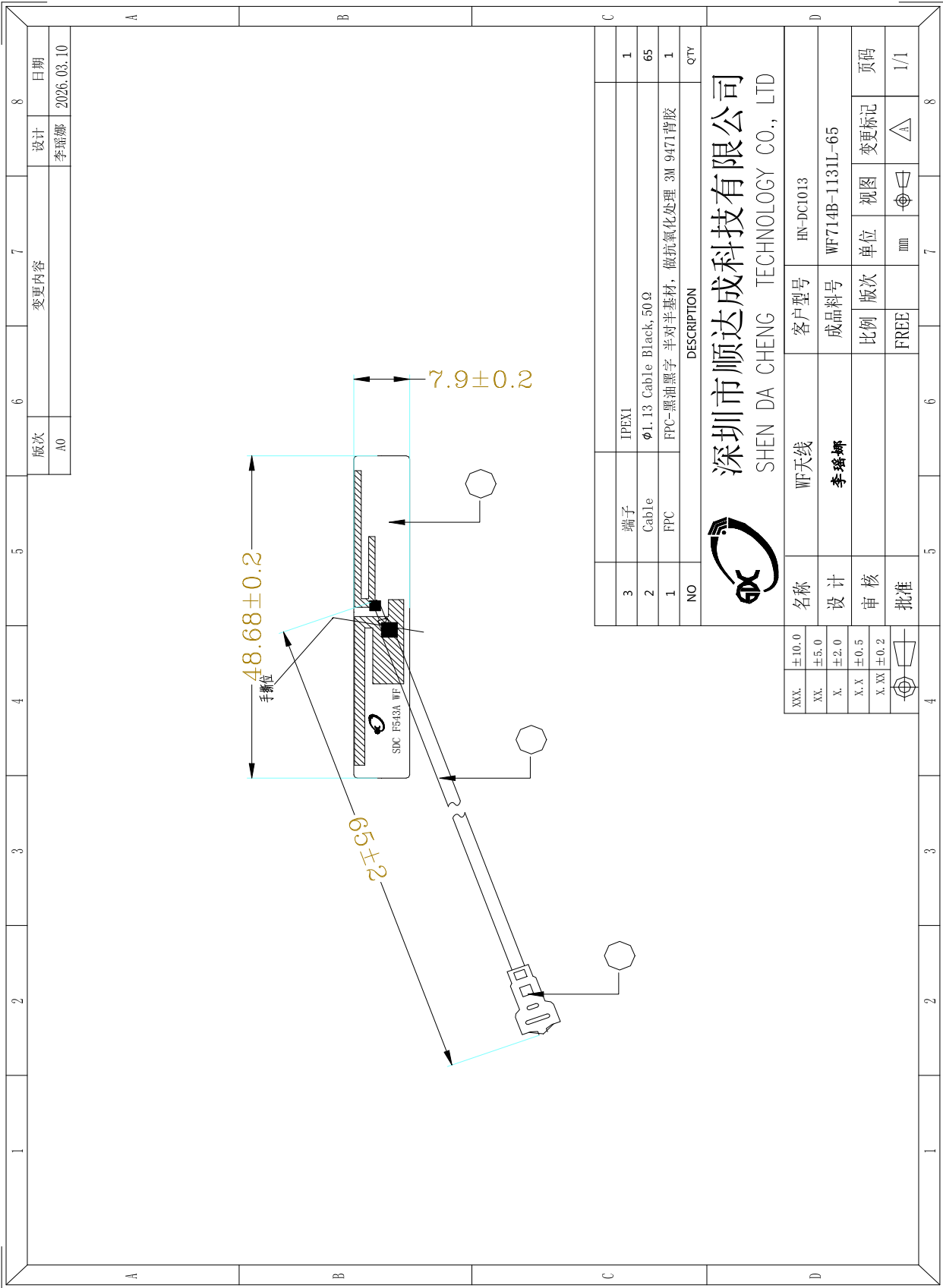
审批/ Approval			客户批准/Customer Approval		
	制作 Prepared By	审核 Checked By	批准 Approval By	审核 Checked By	批准 Approval By
签章 Signature					
日期 Date	2026. 03. 10	2026. 03. 10	2026. 03. 10		

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



产品图纸或实物图片

Drawing or Product Image





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:

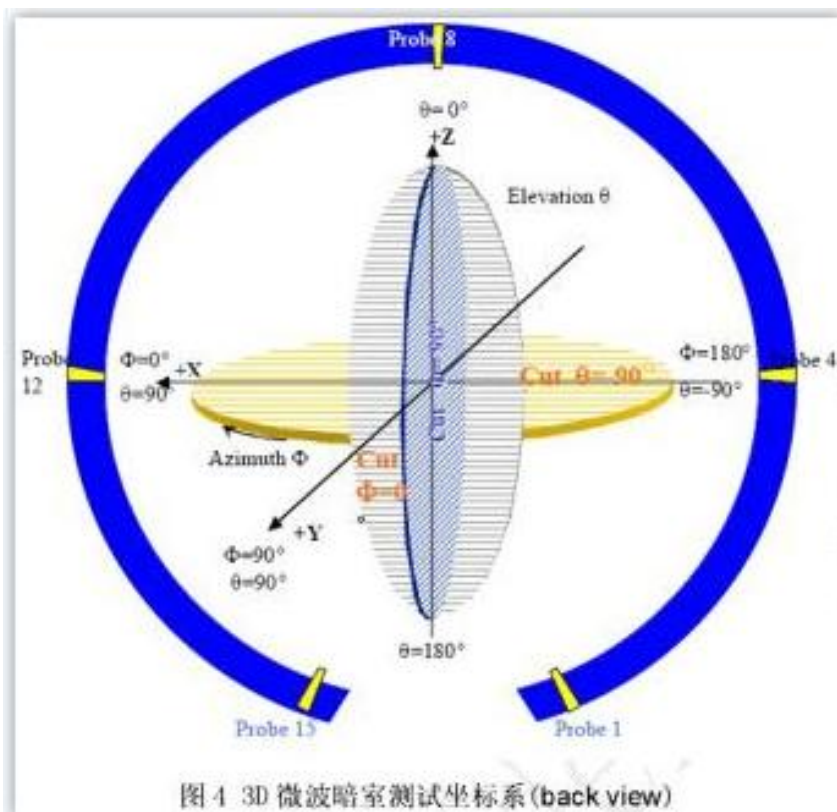


图4 3D 微波暗室测试坐标系(back view)

1. S11 参数测量/**S11 Parameter-VSWR**

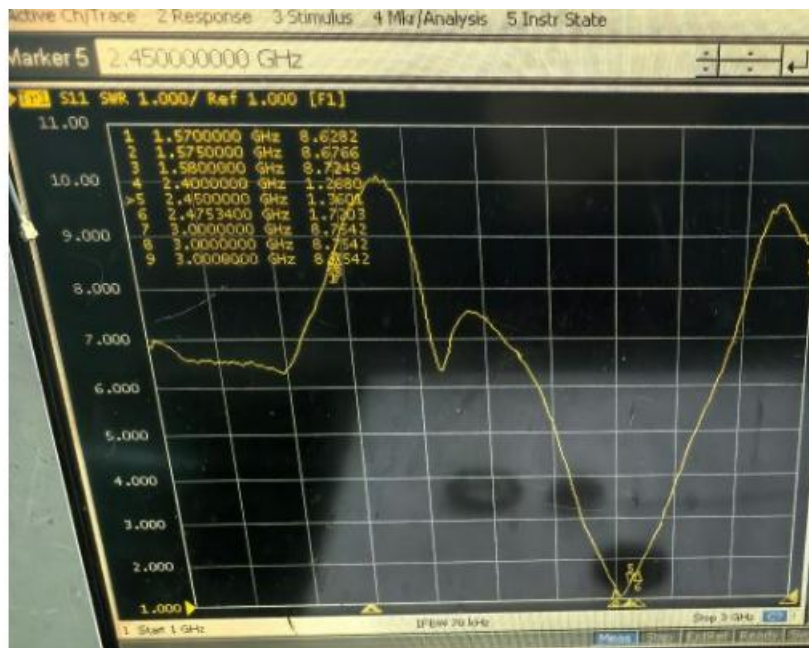
使用一根 50 Ω 同轴电缆连接到天线，然后该电缆连接到网络分析仪测量 S11 参数，被测量产品远离金属至少 20 厘米。

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	1.2	1.3	1.7

2. 天线匹配网络/Antenna Matching Network

Antenna



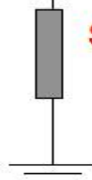
Series
N/A

PA

Shunt 01
N/A



Shunt 02
N/A





3. Gain & Efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	39.61	0.25
2425	39.13	0.81
2450	39.95	1.22
2475	38.6	1.29
2500	40.58	1.37

