



承 认 书

APPROVAL SHEET

客户名称 Customer	惠达			
客户料号 Customer P/N				
项目名称 Project Name	HD200B WiFi Antenna			
供应商名称 Supplier	上海圣丹纳无线科技有限公司 Shanghai Saintenna Wireless Technology Co. , Ltd.			
圣丹纳物料型号 Saintenna P/N	SAA32066A			
是否符合 RoHS ROHS Compliant	Yes			
送样日期 Providing Date				
供应商 Supplier	制定 Prepared by	设计 Designer	品质 QA	批准 Approver
地址: 上海市宝山区园丰路69号1幢601室 Address: Room 601, Building 1, No. 69 Yuanfeng Road, Baoshan District, Shanghai 200444, China				
电话/Tel: 086-021-56165098; 传真/Fax: 086-021-56165098				
客户 Customer	编制 Prepared by	审核 Checked by	批准 Approver	

注: 必须手工签字确认(Note: Signature must be confirmed by hand)

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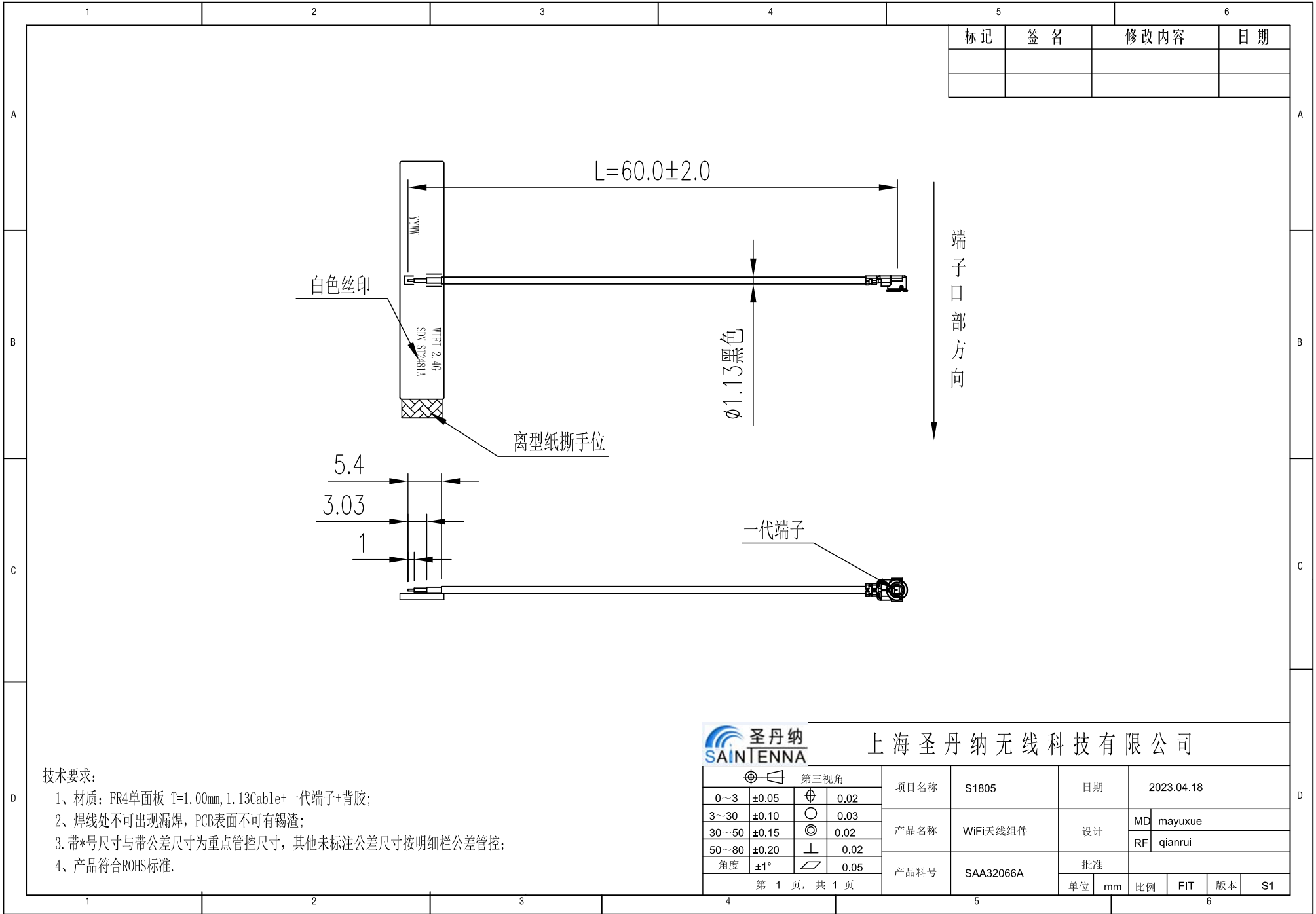
规格/Specification

1. 机械规格/Mechanical Specification

- 连接方式/Connect Type..... 一代端子
- 工作温度/Work Temperature..... -40~85℃
- 存储温度/Storage Temperature..... -40~85℃

2. 电性能参数/Electrical Specification

- 频段/Frequency Range..... 820MHz~960MHz
1710MHz~2700MHz
- 驻波比/VSWR.....
- 效率/Efficiency..... Max55.5%
- 增益/Peak Gain..... Max3.14dBi
- 极化/Polarization..... Linear
- 特性阻抗/Input Impedance..... 50Ω
- 最大承载功率/Max Input Power..... 5W





惠达HD200B项目天线测试报告

上海圣丹纳无线科技有限公司
Shanghai Saintenna Wireless Technology Co., LTD.

Project Information

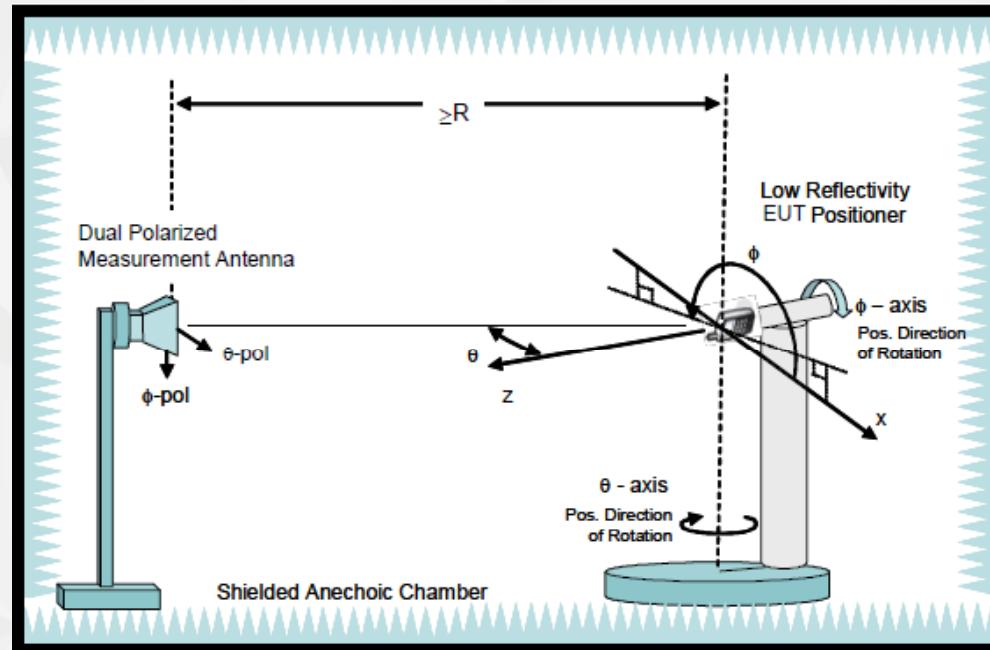
客户名称 Customer Name	惠达
项目名称 Project Name	HD200B
工作频段 Working Band	WiFi
规格 Description	
版本 Version	V1.0
日期 Date	2023-04-13

Tuning Instrument

Network Analyzer	Agilent E5071C
Frequency Range	100KHz ~ 8.5GHz
Test Item	Return Loss/VSWR/Smith Chart /Isolation

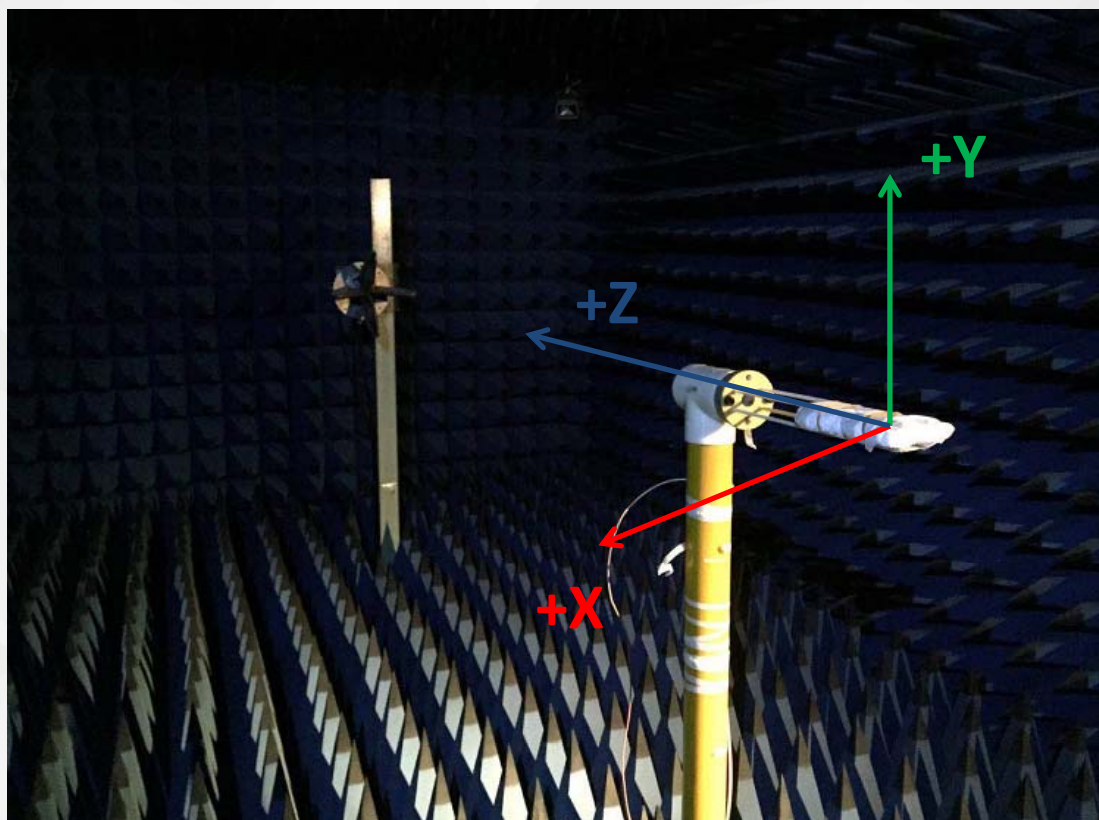


Typical Setup for Test System



Combined-Axes System

Anechoic Chamber

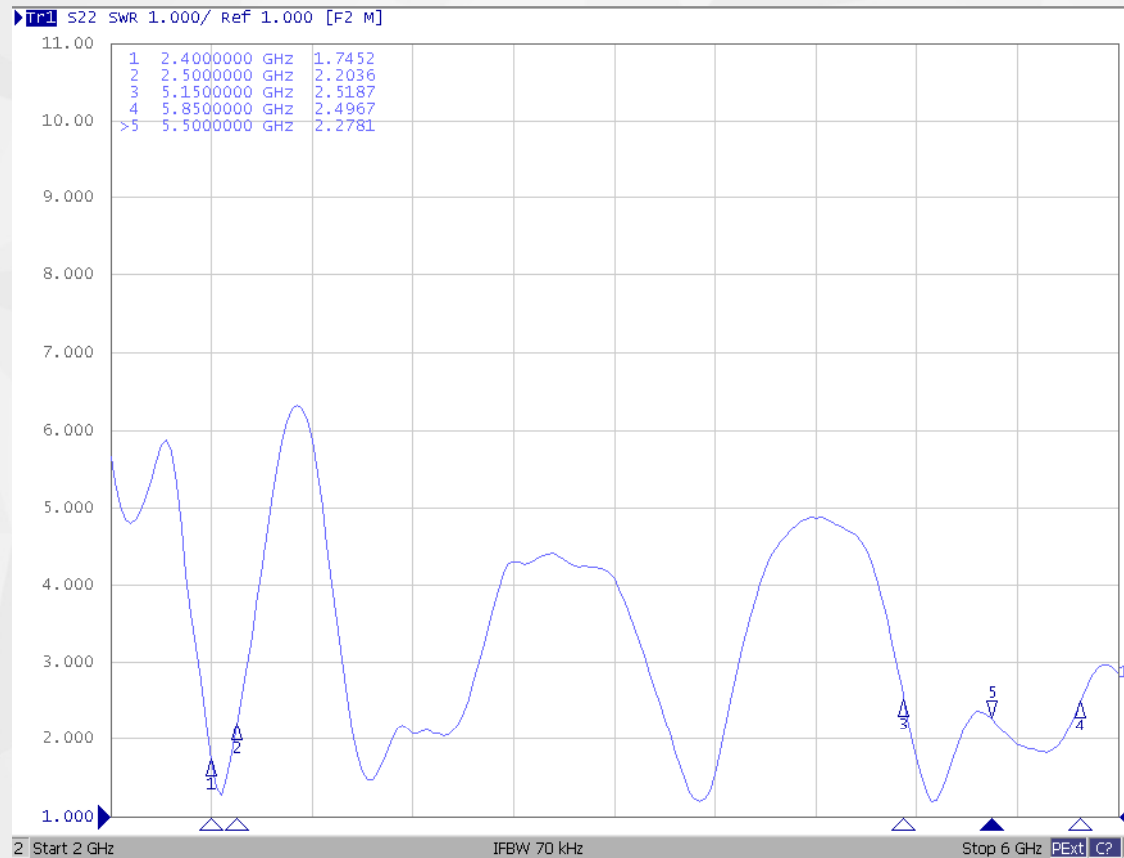


Combined-Axes System

Comment: E1 plane means XZ section, E2 plane means YZ section, H plane means XY section.

评估后的暂定天线位置

VSWR WIFI



Test Result – Passive

Freq (MHz)	Gain	efficiency
2400.00	1.19	45.9%
2410.00	1.62	48.9%
2420.00	2.16	51.7%
2430.00	2.46	54.0%
2440.00	2.80	55.5%
2450.00	3.02	55.2%
2460.00	3.14	54.4%
2470.00	3.02	53.8%
2480.00	2.83	51.7%
2490.00	2.29	46.2%
2500.00	1.64	42.3%
5200.00	-0.27	46.4%
5250.00	-0.43	48.5%
5300.00	-0.62	48.4%
5350.00	-0.49	47.2%
5400.00	-0.76	41.2%
5450.00	-0.63	36.5%
5500.00	-0.32	33.0%
5550.00	0.54	33.5%
5600.00	0.64	37.6%
5650.00	1.18	39.8%
5700.00	1.51	42.7%
5750.00	1.42	41.6%
5800.00	0.92	40.1%
5850.00	0.17	36.1%