

承 认 书

SPECIFICATION FOR APPROVAL

客户名称

Customer Name: _____

客户料号

Customer P/N: _____

劲风料号

Jing Feng P/N: JF7767-7

规格描述

Specification Description: SMA (Male needle)-RG174-Dual frequency
sucker antenna -L3000MM

制作日期

Production Date: 2024-05-18

出厂确认 (Factory Confirmation) :

部 门 (Department)	审 核 (CHECKED BY)	批 准 (APPROVED BY)
射频部 (RF Department)	Zhang Ya Yong	
结构部 (Structure Department)	Liang Sen	
品质部 (Quality Department)	Liu Xiao Jun	

客户确认 (Customer Confirmation) :

检 查 (INSPECTION)	审 核 (CHECKED)	批 准 (APPROVED)

△ 文件制定、修改、废止记录 (Record Of Document Formulation, Modification And Abolishment)

文件名称 (File name)	日 期 (Date)	控制版次 (Control version)	关联内容 (Related content)	制 定 (Formulate)	批 准 (Approved)
样品承认书 (Sample Approved)	2023.05.18	V1	First	Liang Sen	Wang Shuo

Manufacturer: Beijing Jinfeng Technology Co.,LTD
Address: 1701-8 Huaqiao Apartment, Yayuncun, Chaoyang District, Beijing, China.

目 录

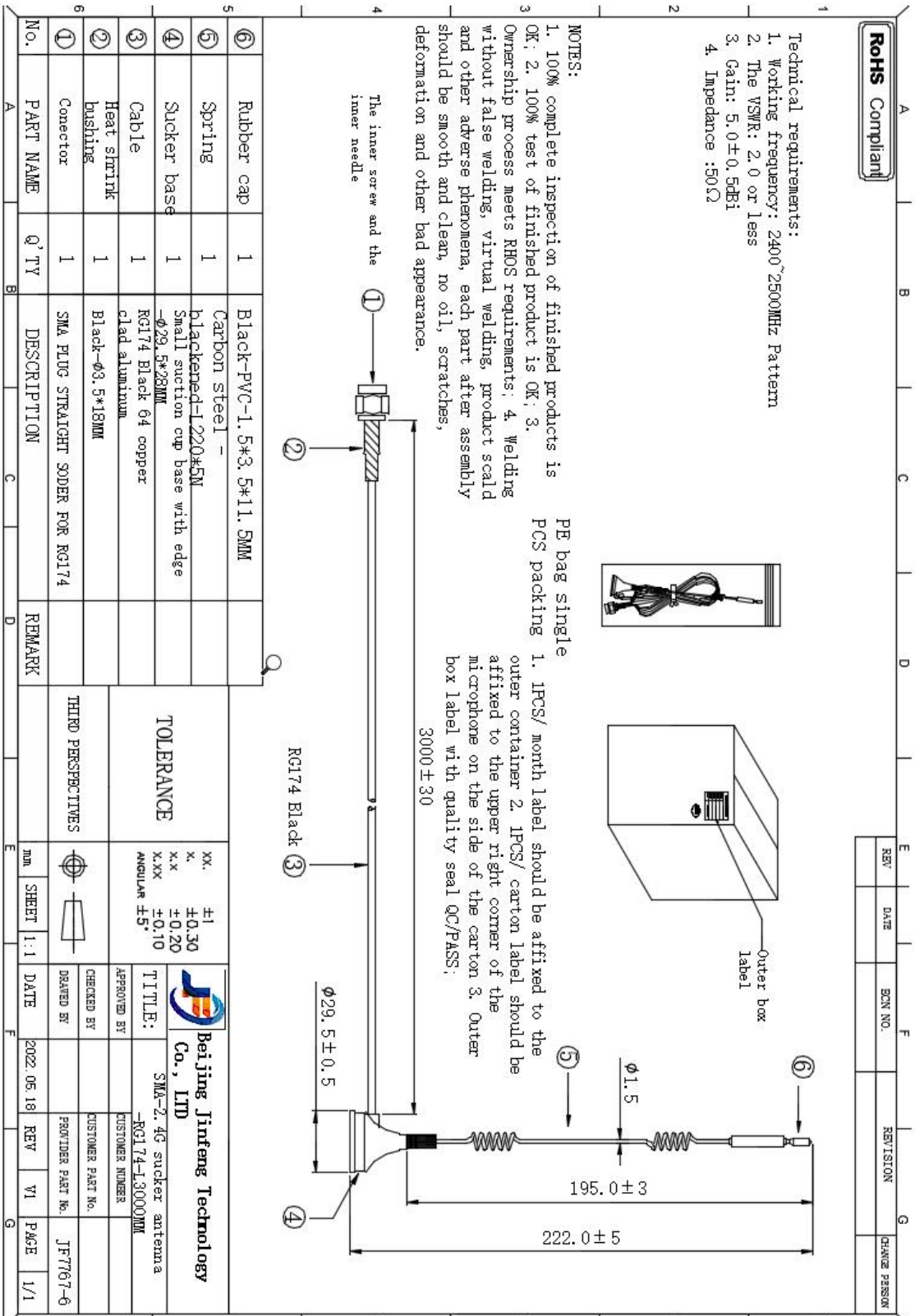
Contents

1、封面/签字页面(Cover Signature Page).....	1
2、文本控制记录(Text Control Record).....	2
3、目 录(Contents).....	3
4、产品性能参数(Main Technical Specifications).....	4
5、产品结构图纸(Product Structure Drawing).....	5
6、电气性能测试报告(Electrical Performance Test Report)	6~10

4、产品性能参数(Main technical specifications)

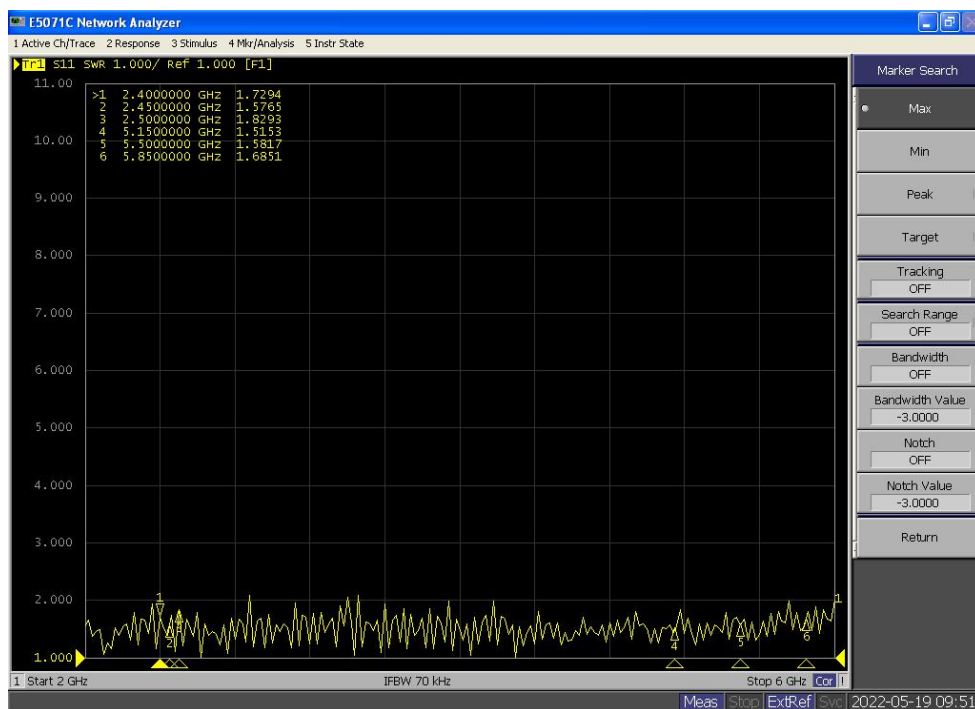
电气参数(Electrical Parameters)	
频率范围 Frequency Range (MHz)	2400-2500MHz 5150-5850MHz
输入阻抗 Impedance (Ω)	50 Ω
驻波比 VSWR	≤ 2.0
增益 Peak Gain (dBi)	5 $\pm$ 0.5dBi
功率容量 Power Capacity	3W
耐压测试 Withstand Voltage Test	1KV
极化方式 Polarization	Linear, Vertical
辐射方向 Radiation	Omni-Directional
连接方式 Connector Type	SMA(male needle)
机械参数 Mechanical Parameters	
外露尺寸 Length (mm)	L=3000 $\pm$ 30MM
盐雾试验 Salt Spray Test	24H
同轴线类型 Cable Type	RG174 Black
环境参数 Environmental Parameters	
工作温度 Operating Temp	-20 $^{\circ}$ C $\sim$ +65 $^{\circ}$ C
储存温度 Storage Temp	-30 $^{\circ}$ C $\sim$ +75 $^{\circ}$ C

5、产品构图纸 (Product drawing)

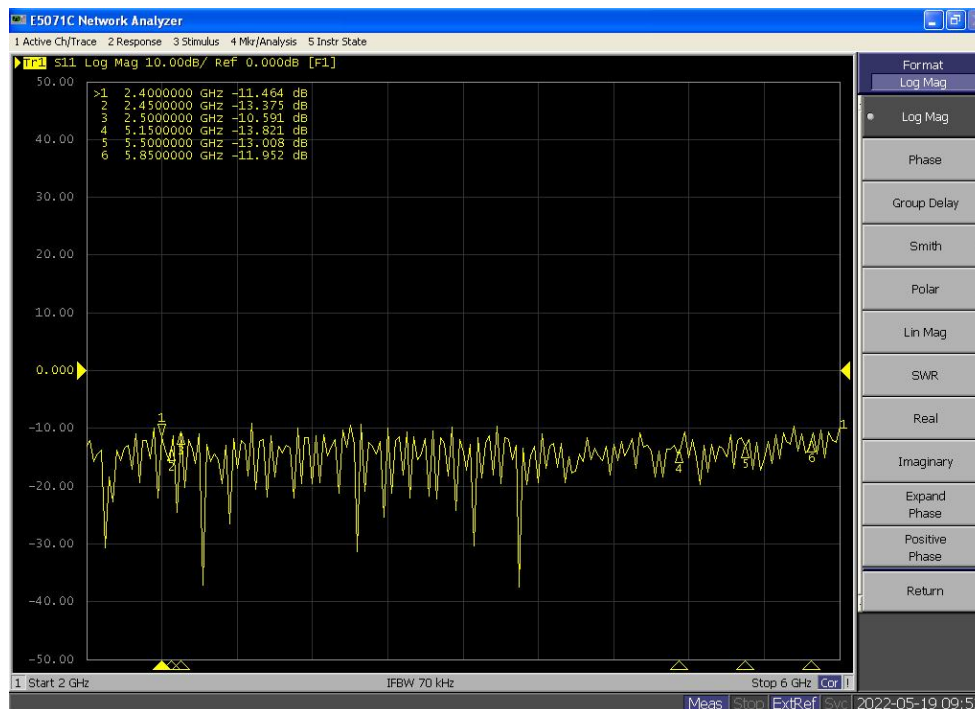


6、电气性能测试报告 (Electrical Performance Test report)

VSWR



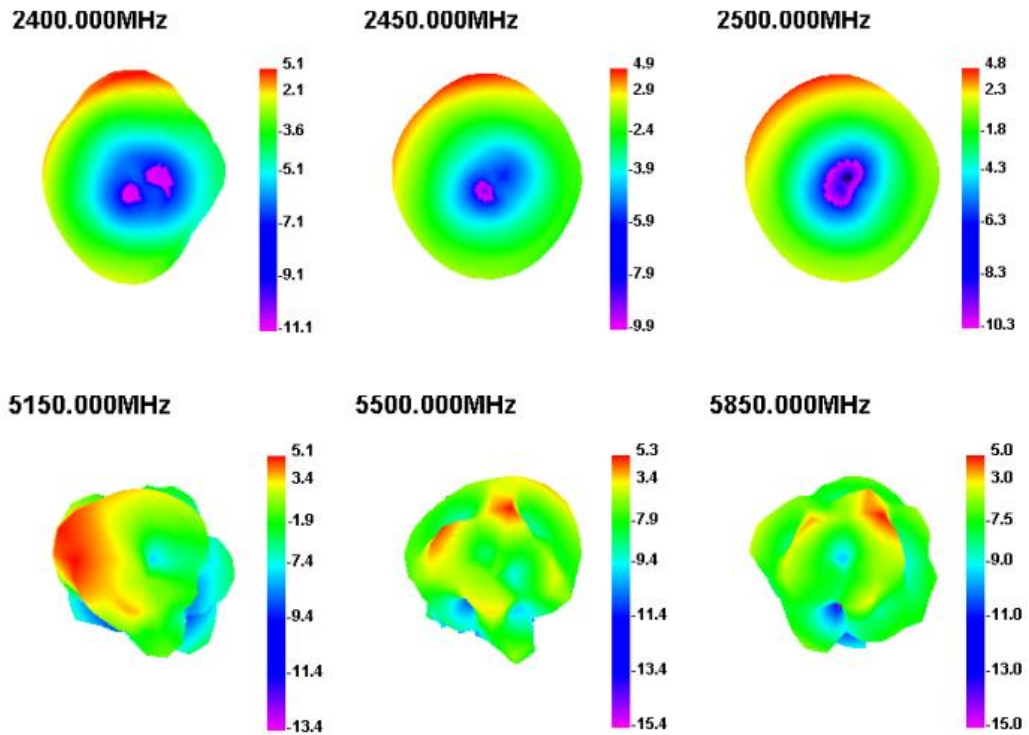
Return Loss



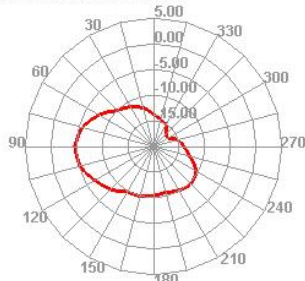
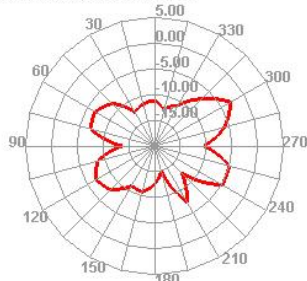
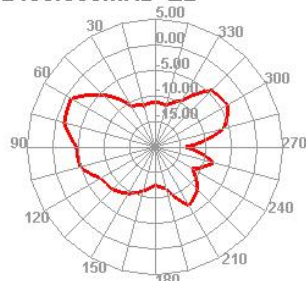
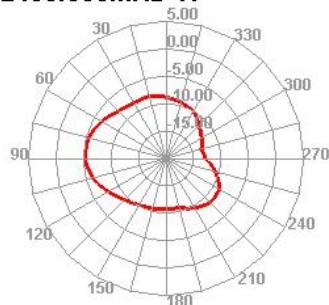
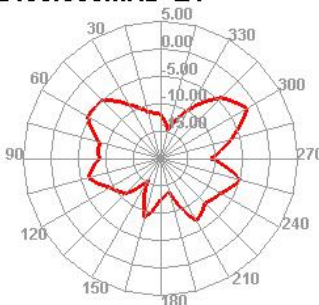
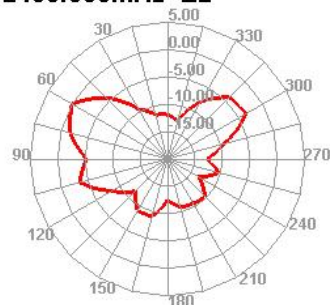
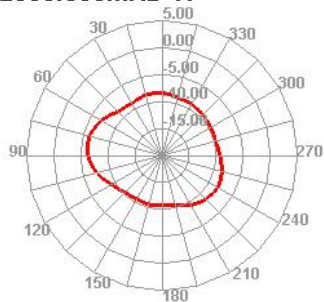
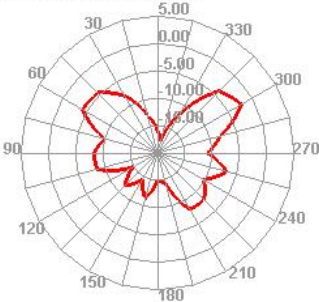
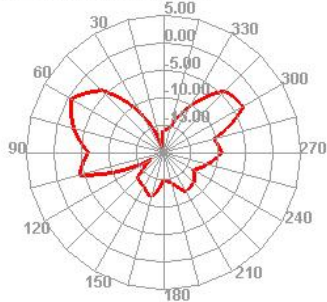
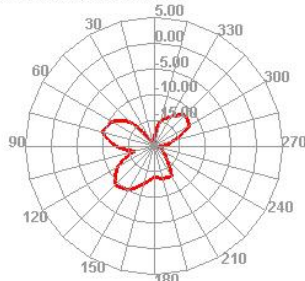
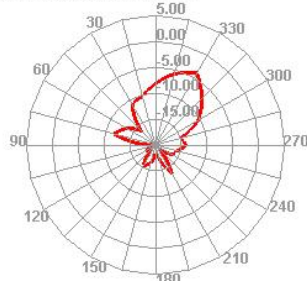
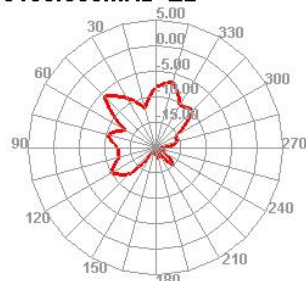
效率&增益 (Efficiency & gain) :

Freq (MHz)	Effi (%)	Gain (dBi)
2400	56.08	5.12
2410	60.74	4.85
2420	51.66	4.93
2430	55.49	4.84
2440	58.41	4.81
2450	57.59	4.92
2460	61.17	5.07
2470	63.18	5.03
2480	55.94	4.81
2490	50.51	4.89
2500	52.51	4.84
Freq (MHz)	Effi (%)	Gain (dBi)
5100	56.25	5.11
5200	56.47	4.73
5300	56.6	4.82
5400	57.02	4.93
5500	57.84	4.75
5600	57.02	5.11
5700	57.49	5.02
5800	58.25	5.26
5900	59.65	5.22

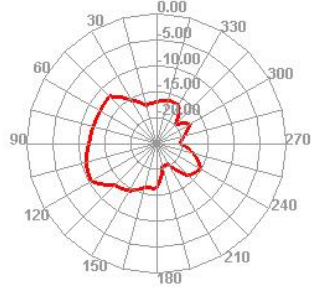
3D Radiation pattern:



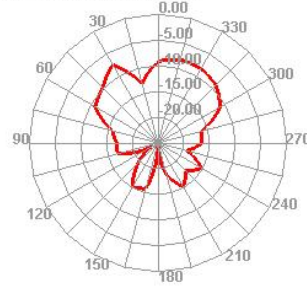
2D Radiation pattern:

2400.000MHz H**2400.000MHz E1****2400.000MHz E2****2450.000MHz H****2450.000MHz E1****2450.000MHz E2****2500.000MHz H****2500.000MHz E1****2500.000MHz E2****5150.000MHz H****5150.000MHz E1****5150.000MHz E2**

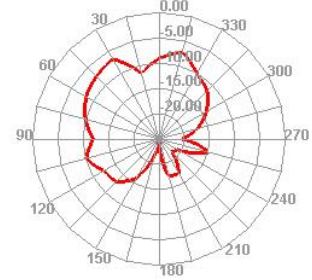
5500.000MHz H



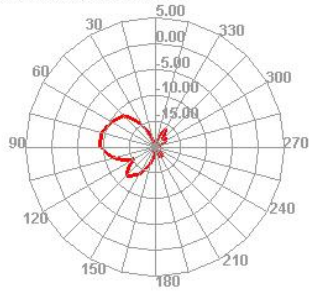
5500.000MHz E1



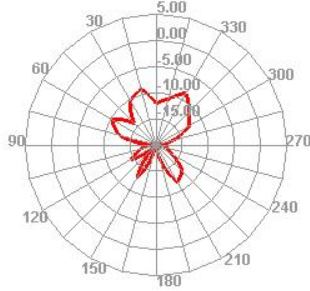
5500.000MHz E2



5850.000MHz H



5850.000MHz E1



5850.000MHz E2

