

承 认 书

SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER NAME: 东威

产品名称

PRODUCT NAME: 2.4G internal antenna L=40mm

客户料号

CUSTOMER P/N:

仁丰料号

Ren Feng P/N: U01T02S000N03676 REV: C

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	黄磊	
AUDITOR BY:	肖玉鹏	
APPROVED BY:	姚定军	
DATE:	2023-09-22	

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一、变更履历/Change resume

版本 REV	日期 DATE	变更记录 Change log
A	2023-08-01	初版发行 Initial release
B	2023-09-18	优化电性结构 Optimize the electrical structure
C	2023-09-22	优化电性结构 Optimize the electrical structure

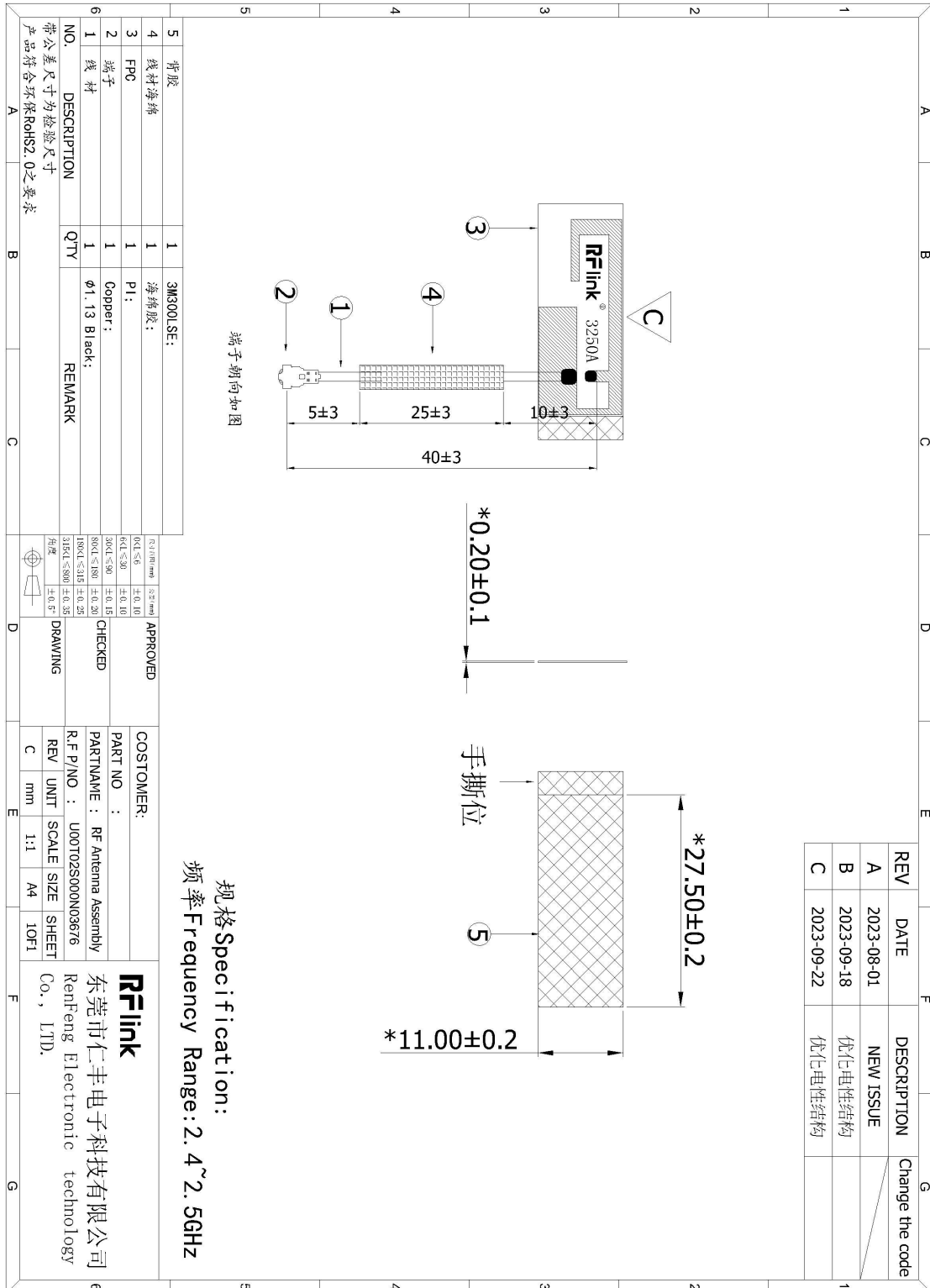
二、规格表/Specification sheet

产品主要技术参数

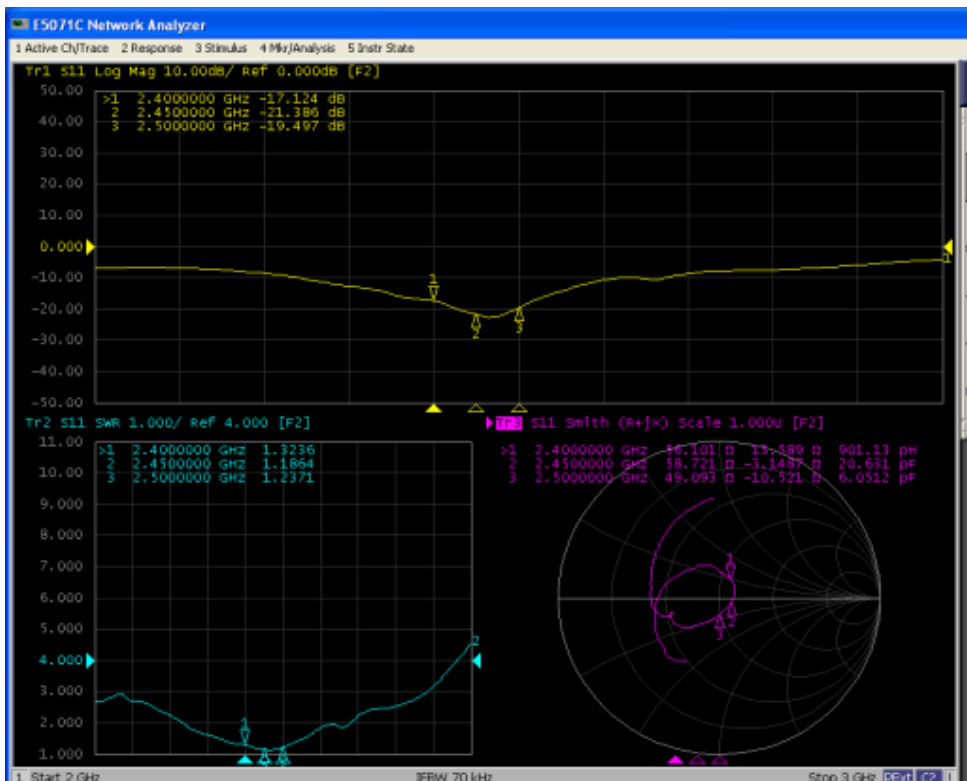
Product main technical parameters

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	≤ 1.92	Peak Gain(dBi)	≤ 1.92
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
方向性	全向性	Radiation	Omni-directional
连接方式	端子	Connector Type	MHF Plug
物理性能		Physical Properties	
天线外套材料	FPC	Antenna cover	FPC
工作温度	-20 $^{\circ}$ C~+70 $^{\circ}$ C	Operating Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C
保存温度	-20 $^{\circ}$ C~+70 $^{\circ}$ C	Storage Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C

三、成品图/Finished drawing



四、测试报告/Test report



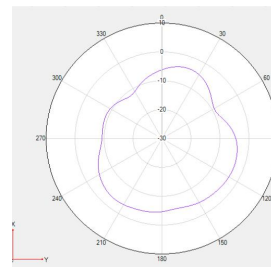
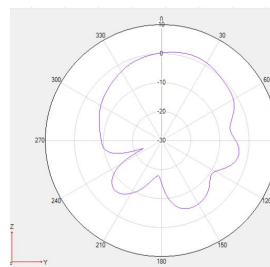
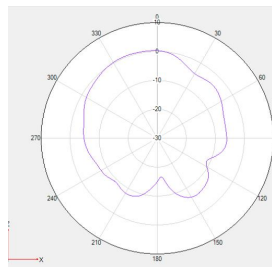
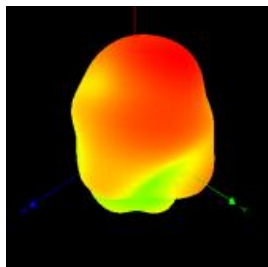
Freq	Return Loss	VSWR
2400	-17.12	1.3
2450	-21.39	1.2
2500	-19.50	1.2

2400MHz: 3D

E1 面

E2 面

H 面

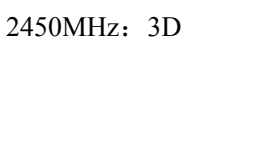


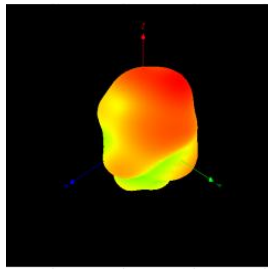
2450MHz: 3D

E1 面

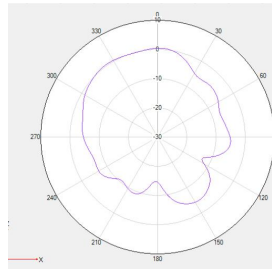
E2 面

H 面

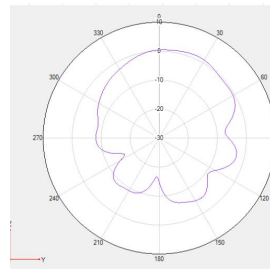




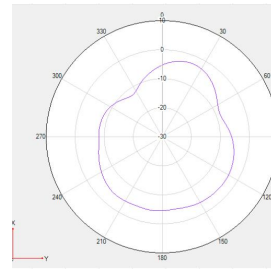
2500MHz: 3D



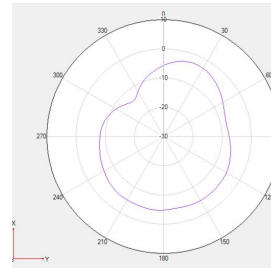
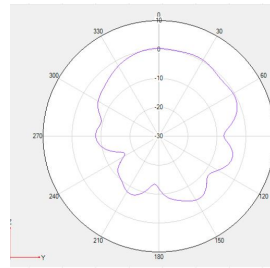
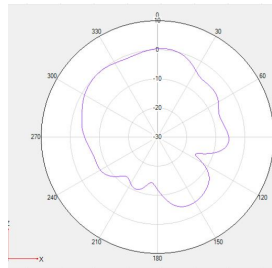
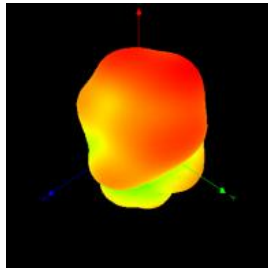
E1 面



E2 面



H 面



Frequency MHz	Efficiency %	Gain dBi
2400	47.41	1.57
2410	47.83	1.70
2420	44.69	1.68
2430	46.34	1.65
2440	45.62	1.84
2450	48.21	1.92
2460	46.83	1.73
2470	49.24	1.54
2480	49.72	1.48
2490	48.64	1.41
2500	47.61	1.22

五、ROHS/原材料清单/ROHS/ Raw Materials List

符合 RoHS 要求/Meet RoHS requirements

序号 Serial number	名称 Name	材质 Material	数量 QTY	单位 Unit	厂商 Manufacturer	备注 Remark
1	FPC	PI	1	pc	骏逸 Junyi	
2	端子 Terminal	磷青铜 Phosphor bronze	1	PC	科信诚/彩美 Kexincheng/CAI Mei	
3	线材 Cable	1.13 镀锡 1.37 Tin plating	1	PC	海联通 ChinaOceanConnection	