

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME: Kaadas

产 品 名 称

PRODUCT NAME: 2.4G Built-in antenna L=120mm

客 户 料 号

CUSTOMER P/N:

仁 丰 料 号:

Ren Feng P/N: U00T02S000N03936 REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	黄 磊	
AUDITOR BY:	黄 超	
APPROVED BY:	姚定军	
DATE:	2023-7-28	



东莞市仁丰电子科技有限公司

Dongguan RF Electronic Technology Co., Ltd

公司地址：东莞市塘厦镇清湖头三坑工业区1号 电话：0769-38940168 传真：0769-39010966 网址：http://rflink.net.cn

Contents

<i>Item</i>	<i>Description</i>
一、-----	Change resume
二、-----	Specification sheet
三、-----	Finished drawing
四、-----	Test report
五、-----	ROHS/Bill of materials



一、Change resume

Edition	日期Date	Change log
A	2023-07-28	Initial release

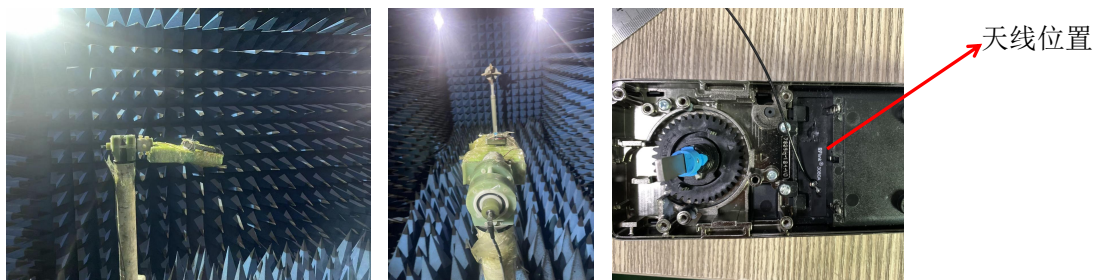
二、Specification sheet

Product main technical parameters

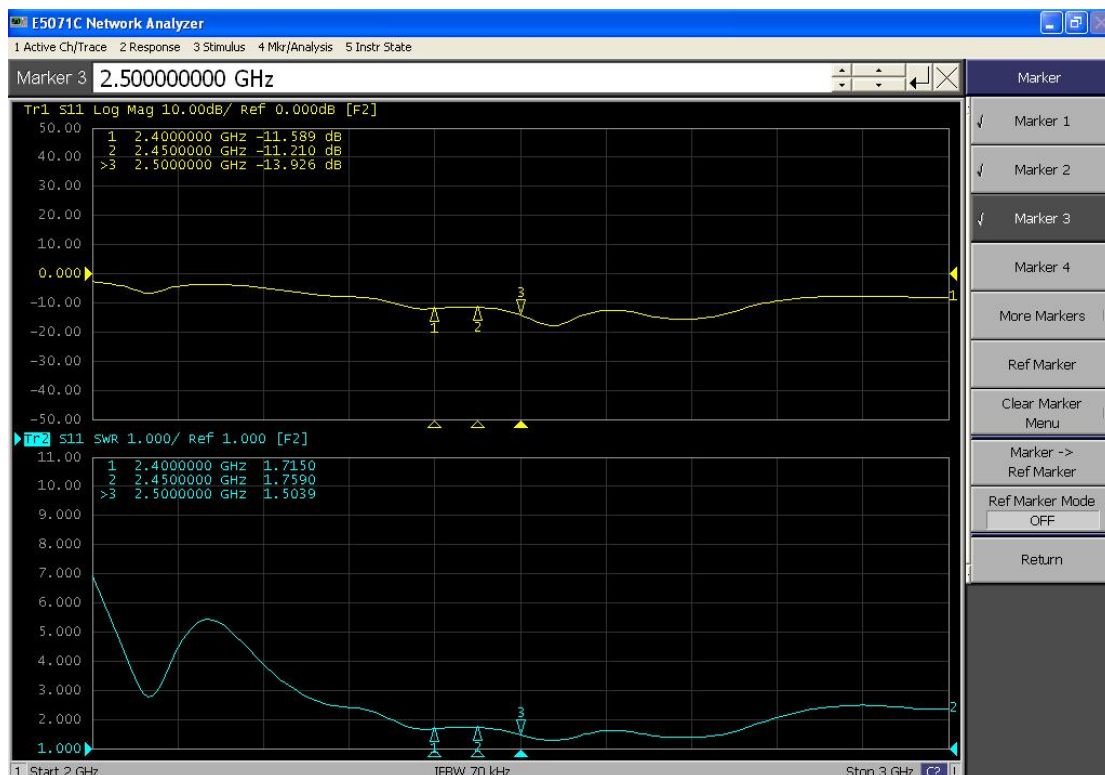
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	4.56	Peak Gain(dBi)	4.56
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
方向性	全向性	Radiation	Omni-directional
连接方式	端子	Connector Type	MHF Plug
物理性能		Physical Properties	
天线外套材料	FPC	Antenna cover	FPC
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

网址: www.rflink.net.com

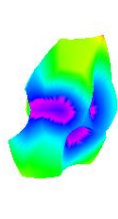
四、测试报告



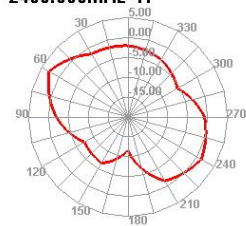
4.1：网络分析仪测试报告



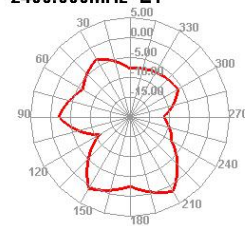
2400.000MHz



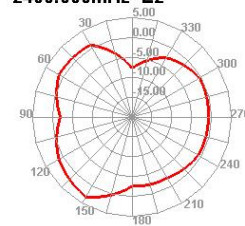
2400.000MHz H



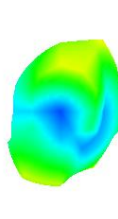
2400.000MHz E1



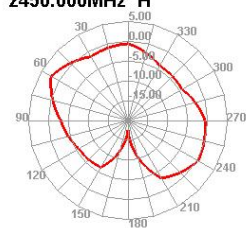
2400.000MHz E2



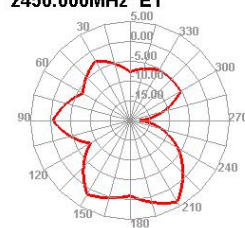
2450.000MHz



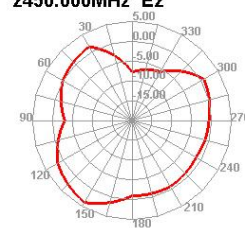
2450.000MHz H

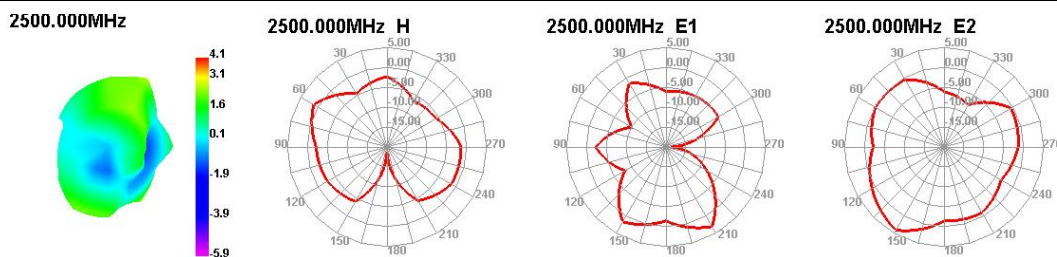


2450.000MHz E1



2450.000MHz E2





4.2: 增益效率表

Freq (MHz)	Effi (%)	Gain (dBi)
2400	64.19	3.53
2410	64.36	3.55
2420	66.57	3.65
2430	68.38	3.74
2440	65.91	4.01
2450	69.11	3.88
2460	68.12	3.97
2470	68.04	4.4
2480	64.13	4.21
2490	66.71	4.56
2500	67.22	4.11

五、ROHS/Bill of materials:

Meet RoHS requirements

number	name	material	quantity	unit	manufacturer	UL Authentication number	NOTE
1	FPC	PI	1	pc	骏逸	/	
2	1.13 Wire rod	tinning/FEP	1	pc	凯博/海联通	/	
3	terminal	copper	1	pc	彩美/科信诚	/	