供方 LOGO 和名称：

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

规 格 承 认 书

SPECIFICATION FOR APPROVAL

客户名称（CUSTOMER）	广东九联科技股份有限公司
客户型号（MODEL NO）	（由九联填写）
客户料号（PART NO）	（由九联填写）
供方型号（MODEL NO）	（由供方填写）
供方料号（PART NO）	U00T02S000N03853（由供方填写）
最小包装量(MPQ)	100（由供方填写）
品牌(BRAND)	RFlink（由供方填写）
送样日期（DATE）	2023/09/18（由供方填写）
样品数量（QUANTITY）	130（由供方填写）

供方确认 APPROVED SIGNATURES			客户确认 APPROVED SIGNATURES		
承办 PREPARED BY	审核 CHECKED BY	核准 APPROVED BY	检测 TESTED BY	审核 CHECKED BY	核准 APPROVED BY

备注：承认书一式一份；送样时由供方**手工签名和加盖公司公章**

地址: 广东省东莞市塘厦镇清湖头三坑路一号
电 话: 0769-38940168 传真: 0769--39010966
联系人: 韦良松 手机: 18877417721
电子邮箱: SevlynWei@rflink.net.cn
公司网址:www.rflink.net.cn

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME: 九联

产 品 名 称

PRODUCT NAME: 2.4G 内置天线 L=190mm

客 户 料 号

CUSTOMER P/N:

仁 丰 料 号

Ren Feng P/N: U00T02S000N03853 REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	杨振	
AUDITOR BY:	宋俊	
APPROVED BY:	姚定军	
DATE:	2023-09-14	

二、变更履历

履历表 Resume					
版次号 Edition No.	修改章节 Modify chapter	修改页码 Modify Page	生效日期 Effective date	文件和资料更改内容 File and data changes	更改记录人 Change recorder
A	/	/	2023-09-14	初版发行	杨振

三、目录

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Description ***Page***

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2、履历表 Resume ---------- 2

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5、成品图 End product chart ---------- 5

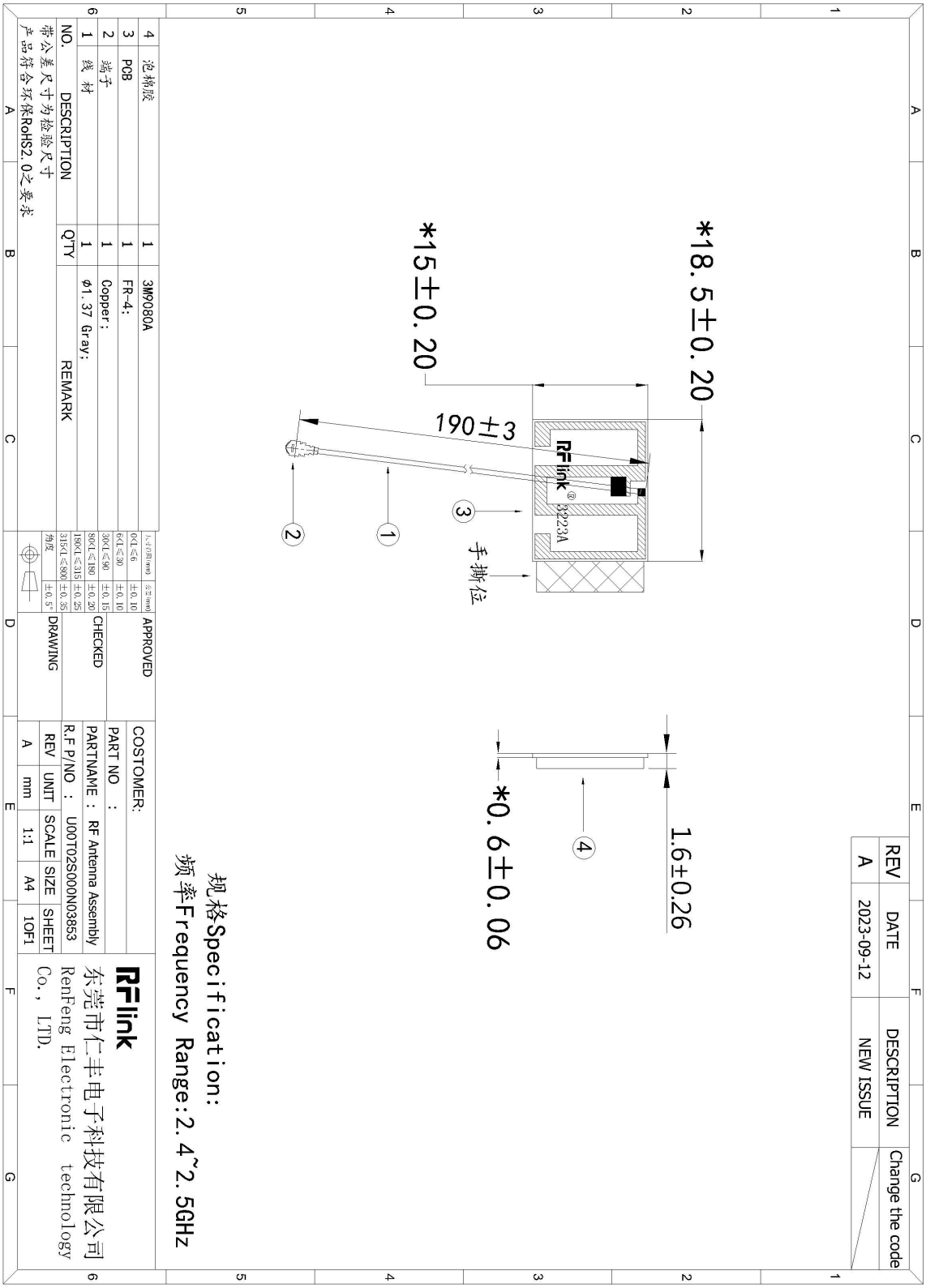
6、测试报告 Testing report ---------- 6-9

四、规格表:

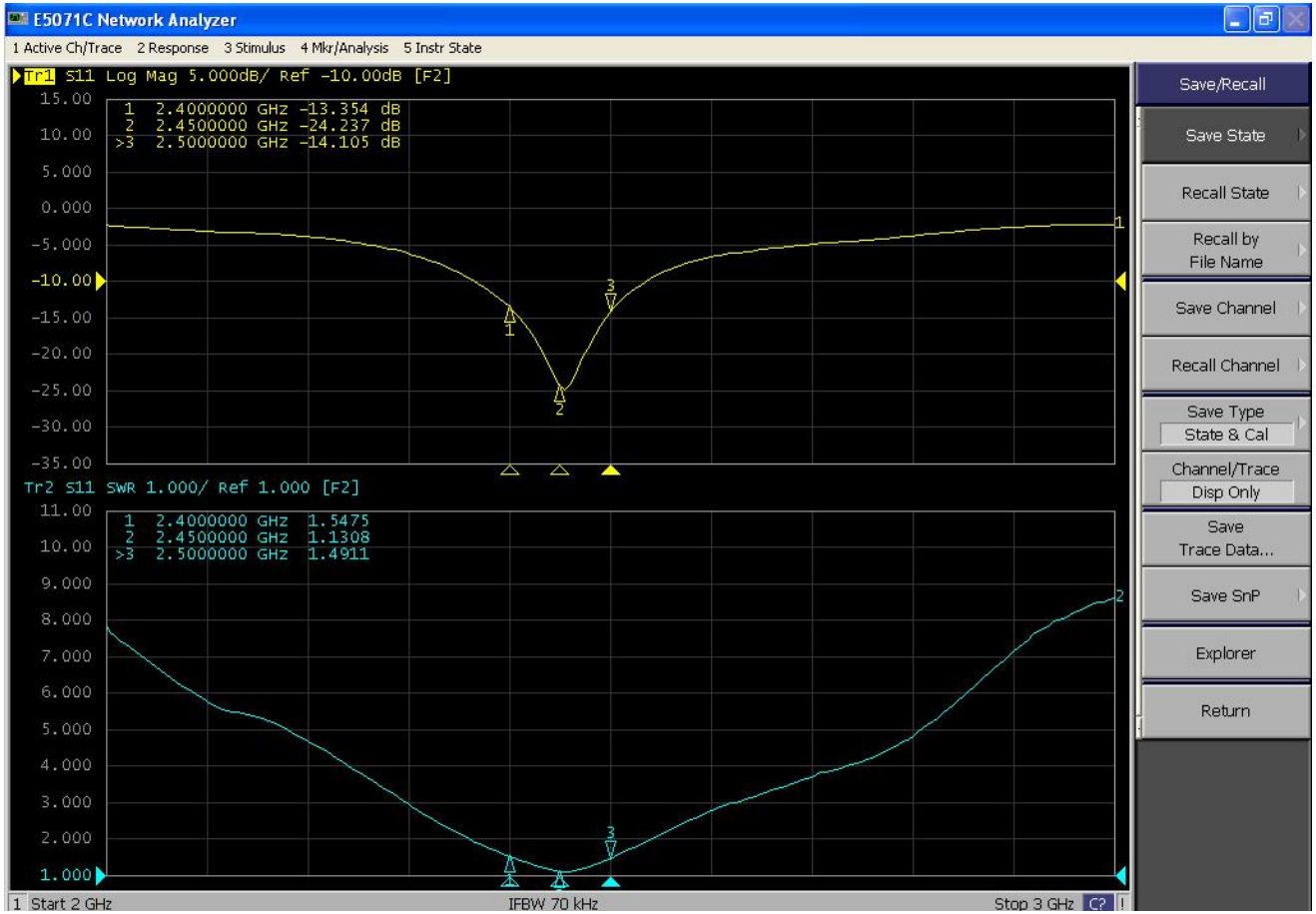
产品主要技术参数

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)	3	Peak Gain(dBi)	3
输出电压驻波比	≦1.92	VSWR	≦1.92
极化方式	垂直极化	Polarization	Linear,Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	Cable+端子	Connector Type	Cable+MHF Plug
物理性能		Physical Properties	
天线外套材料	PCB	Antenna cover	FR-4
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

五、成品图：

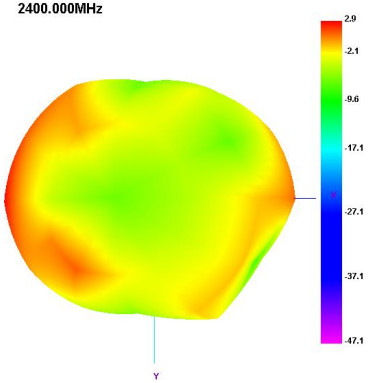

*18.5±0.20
*15±0.20
190±3
手撕位
1.6±0.26
*0.6±0.06
规格Specification:
频率Frequency Range:2.4~2.5GHz
REV DATE DESCRIPTION Change the code
A 2023-09-12 NEW ISSUE
4 泡棉胶 1 3M9080A
3 PCB 1 FR-4;
2 端子 1 Copper;
1 线材 1 Φ1.37 Gray;
NO. DESCRIPTION Q'TY REMARK
带公差尺寸为检验尺寸
产品符合环保RoHS2.0之要求
APPROVED
CHECKED
DRAWING
COSTOMER:
PART NO :
PARTNAME : RF Antenna Assembly
R.F P/NO : U00T02S000N03853
REV UNIT SCALE SIZE SHEET
A mm 1:1 A4 1OF1
东莞市仁丰电子科技有限公司
RenFeng Electronic technology Co., LTD.

2.4G-1

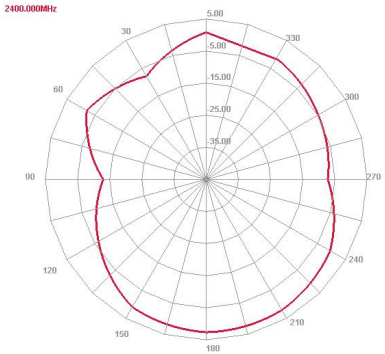

E5071C Network Analyzer
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Tr1 S11 Log Mag 5.000dB/ Ref -10.00dB [F2]
1 2.4000000 GHz -13.354 dB
2 2.4500000 GHz -24.237 dB
>3 2.5000000 GHz -14.105 dB
Tr2 S11 SWR 1.000/ Ref 1.000 [F2]
1 2.4000000 GHz 1.5475
2 2.4500000 GHz 1.1308
>3 2.5000000 GHz 1.4911
1 Start 2 GHz
IFBW 70 kHz
Stop 3 GHz
Save/Recall
Save State
Recall State
Recall by File Name
Save Channel
Recall Channel
Save Type State & Cal
Channel/Trace Disp Only
Save Trace Data...
Save SnP
Explorer
Return

Freq (MHz)	Effi (%)	Gain (dBi)
2400	67.82	2.89
2410	71.16	3.42
2420	72.52	3.47
2430	74.33	3.45
2440	76.02	3.56
2450	73.35	3.47
2460	70.81	3.54
2470	74.1	3.86
2480	71.09	3.78
2490	72.9	3.9
2500	70.87	3.74

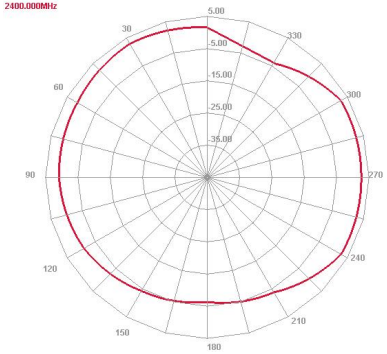
2400.000MHz



Horizontal



E1 Face



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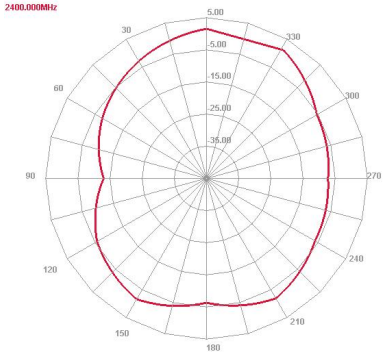
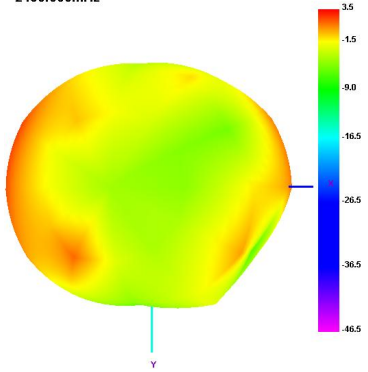


2450.000MHz



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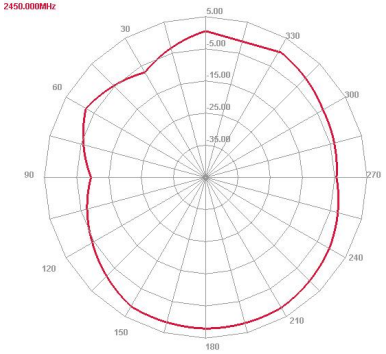

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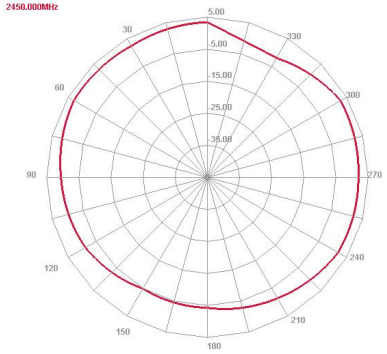

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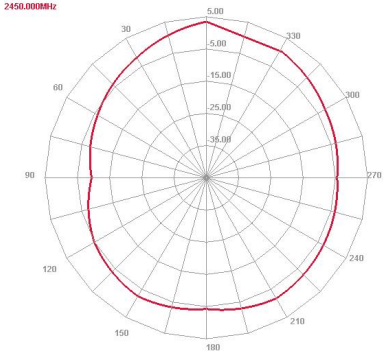
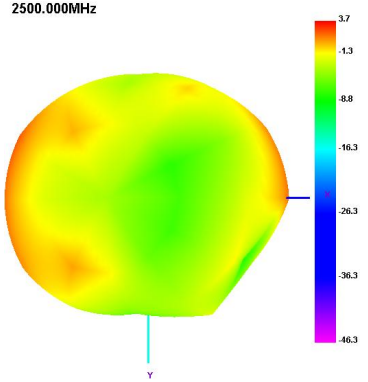


2500.000MHz



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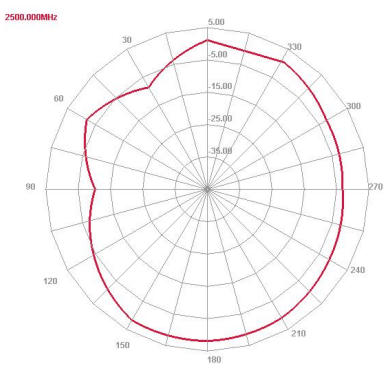

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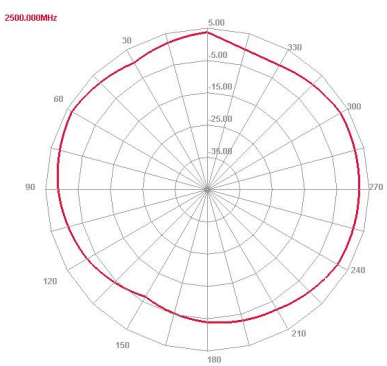

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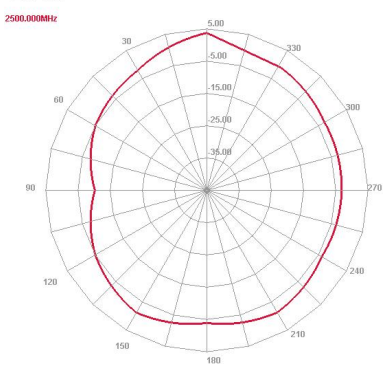

2.4G 802.11g 20M				
信道	1	6	11	速率
TRP	18.67	19.34	19.12	54M
TIS	-76.87	-76.96	-76.33	54M