

承 认 书

SPECIFICATION FOR APPROVAL

产 品 名 称

PRODUCT NAME: Internal Antenna

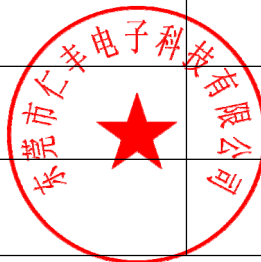
客 户 料 号

CUSTOMER P/N:

仁 丰 料 号:

Ren Feng P/N: U00T02S000N01670 REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
AUDITOR BY:		
APPROVED BY:		
DATE:		





东莞市仁丰电子科技有限公司

Dongguan RF Electronic Technology Co., Ltd

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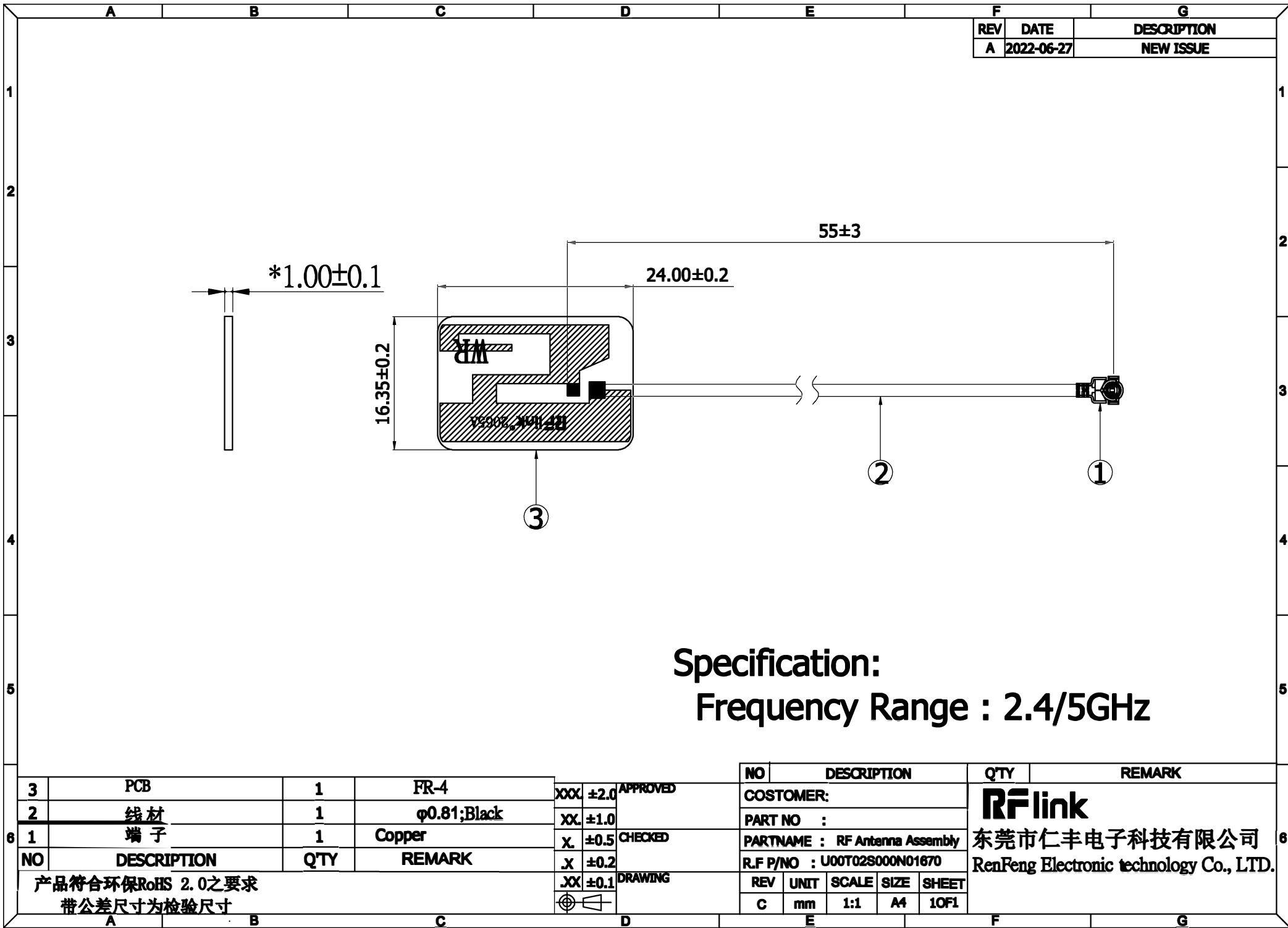
一、Change the resume

Version	Date	chage record
A	2022-07-13	First edition release

二、规格表：

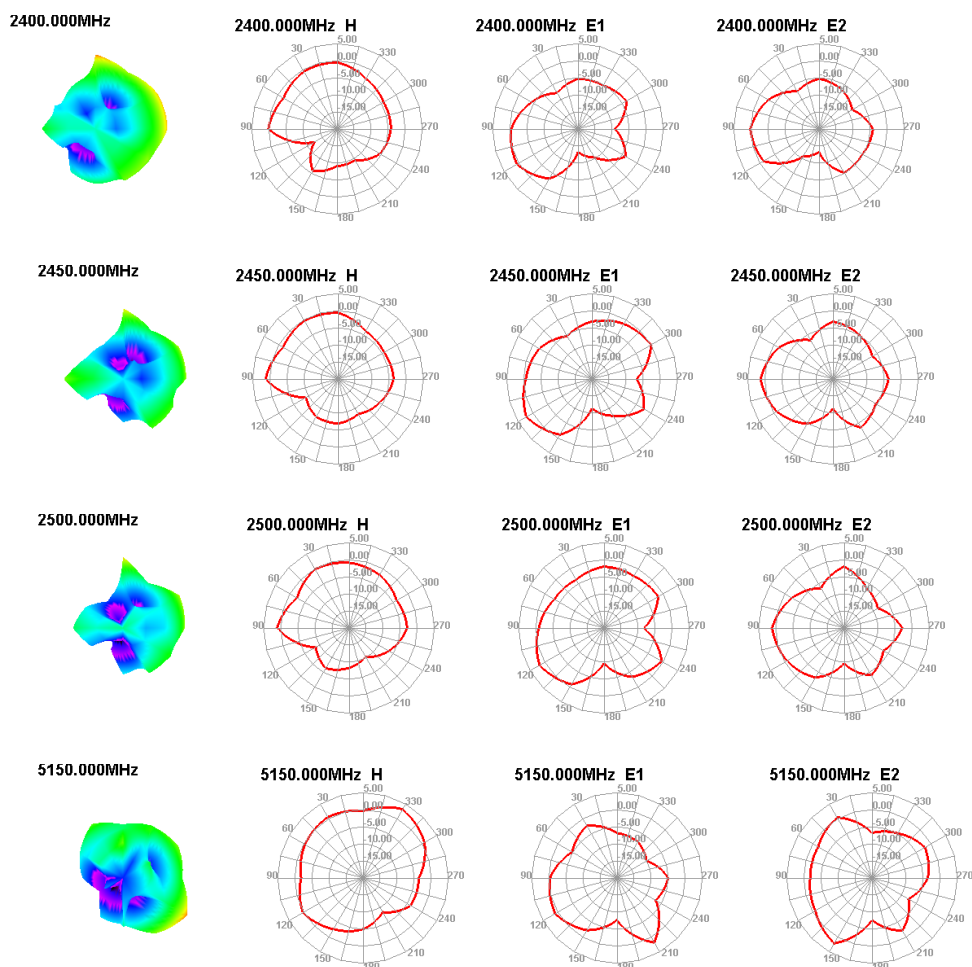
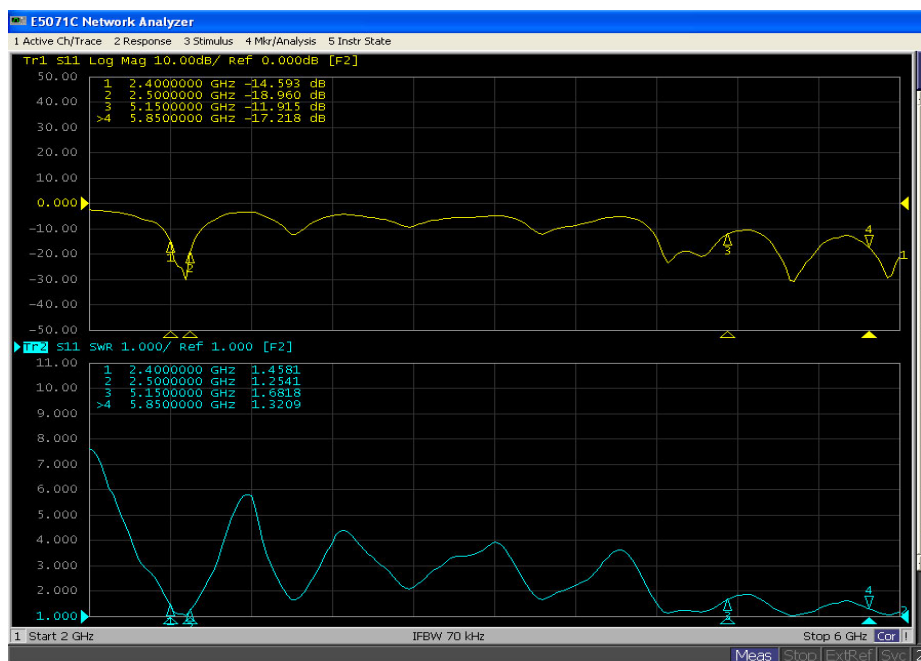
Main technical parameters of the product

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500 5150-5850	Frequency Range (MHZ)	2400-2500 5150-5850
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	3.05 for 2.4G 3.20 for 5G	Peak Gain(dBi)	3.05 for 2.4G 3.20 for 5G
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	Terminal	Connector Type	Terminal
物理性能		Physical Properties	
天线外套材料	PCB	Antenna cover	PCB
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

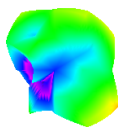


4、Test Report

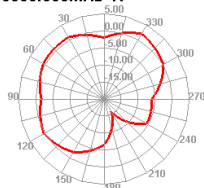
4.1: The Network Analyzer Test Report



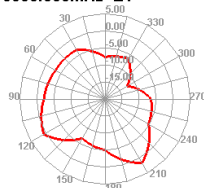
5500.000MHz



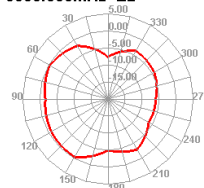
5500.000MHz H



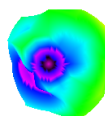
5500.000MHz E1



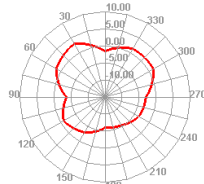
5500.000MHz E2



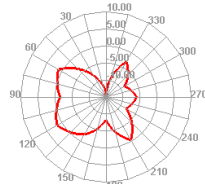
5850.000MHz



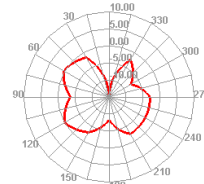
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



Frequency/ MHz	Efficiency/%	Gain/dBi
2400	73.14	2.79
2410	73.19	3.01
2420	73.22	2.75
2430	73.36	3.03
2440	74.18	3.02
2450	73.39	3.05
2460	73.07	2.68
2470	74.34	2.77
2480	74.22	2.65
2490	74.67	3.04
2500	75.18	3.02
5150	69.37	3.07
5200	69.18	3.08
5250	69.32	3.14
5300	69.59	3.13
5350	70.09	3.52
5400	70.21	3.29
5450	70.07	3.08
5500	69.32	2.68
5550	70.08	2.77
5600	70.45	2.65
5650	71.07	3.09
5700	71.18	3.19
5750	71.32	3.17
5800	71.53	3.20
5850	72.12	3.20



五、ROHS/List of raw materials:

Compliance with the RoHS requirements.

No.	Component name	raw material	Amount	Unit	manufacturer	UL Number	备注
1	PCB	FR-4	1	pc	鸿运/科威达	/	
2	Wire stock	silver plating/FE	1	pc	凯博/海联通	/	
3	Terminal	phosphor bronze	1	pc	彩美/科信诚	/	