

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME: 360

产 品 名 称

PRODUCT NAME: 2.4G Antenna

客 户 料 号

CUSTOMER P/N:

仁 丰 料 号

Ren Feng P/N: U00T01S151N02513 REV: B

内部结构

Internal structure: PCB

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Zhou Rongchuang	
AUDITOR BY:	Liu Bin	
APPROVED BY:	Yao Dingjun	
DATE:	2023-07-26	

履历表 Resume

[illegible]

Contents

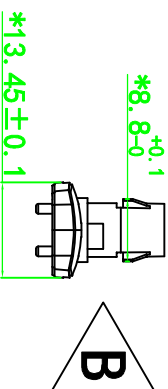
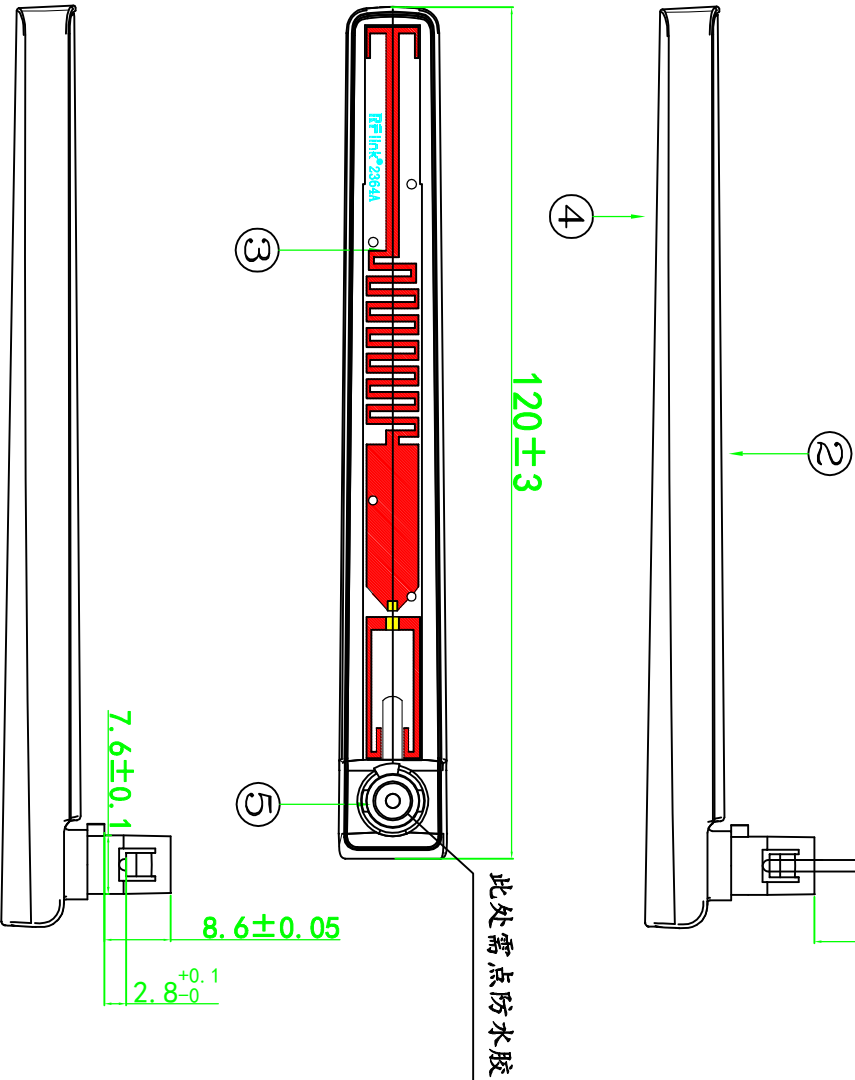
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产品主要技术参数

Main technical specifications

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
中心频率 特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	3	Gain(dBi)	3
反射损耗	≤ -9.5	Return Loss(dB)	≤ -9.5
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
极化方式	垂直极化	Polarization	Linear, Vertical
方向性	全向性	Radiation	Omni-directional
连接方式		Connector Type	
物理性能		Physical Properties	
天线本体材料	PC+ABS	Antenna Base	PC+ABS
工作温度	$-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$
保存温度	$-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$	Storage Temp	$-20^{\circ}\text{C} \sim +85^{\circ}\text{C}$

REV	DATE	DESCRIPTION
A	2022-12-08	NEW ISSUE
B	2023-05-06	异常 增加尺寸管控



规格Specification:

频率Frequency Range: 2.4~2.5GHz

回拨损耗Return loss: -9.5dB or less

驻波比VSWR: 2.0max

增益Gain: 3dBi

CUSTOMER:

PART NO :

PARTNAME : RF Antenna Assembly

R.F P/NO : U00T01S151N02513

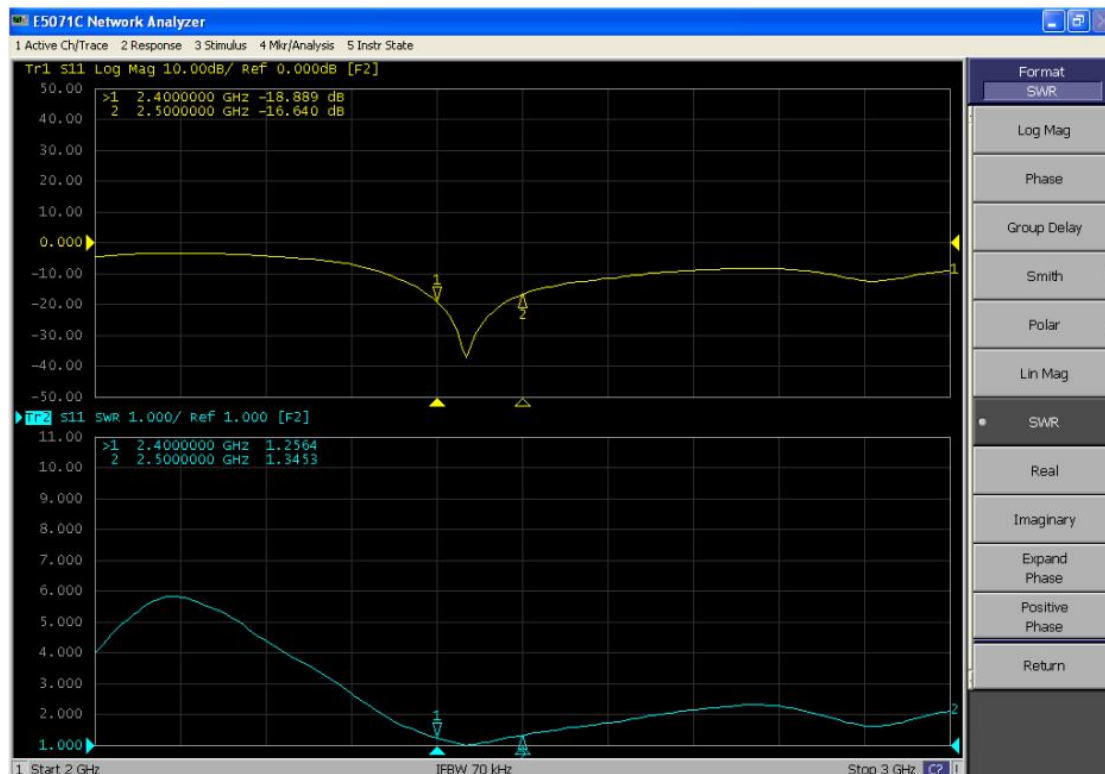
REV	UNIT	SCALE	SIZE	SHEET
B	mm	1:1	A4	10F1



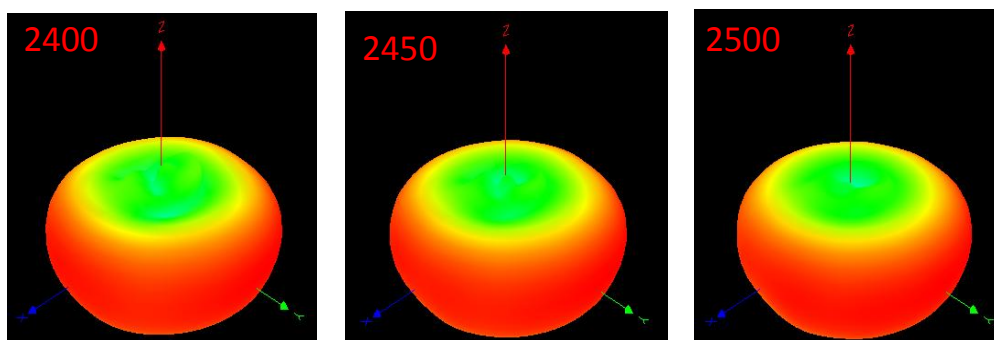
东莞市仁丰电子科技有限公司
RenFeng Electronic technology
Co., LTD.

3. 测试报告 Testing report

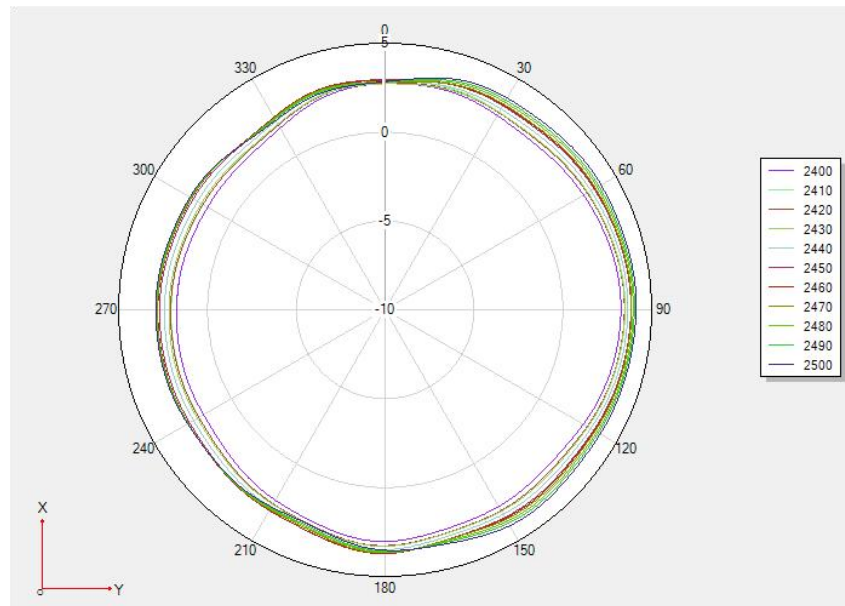
3.1 网络分析仪测试报告 Network analyzer test report



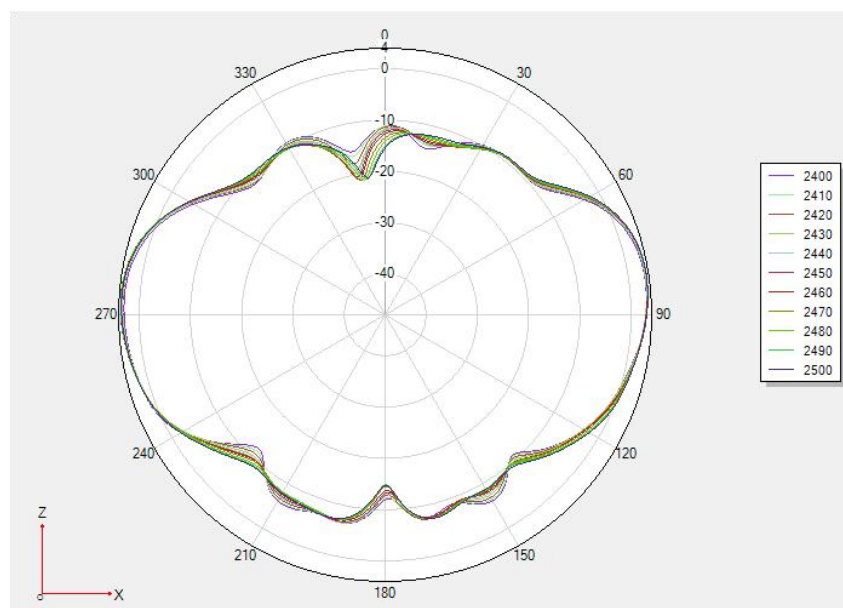
3.2: Darkroom 2D、3D Radiation Pattern



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E



3.3: 天线增益、效率表 Antenna gain, efficiency table

Frequency (MHz)	gain (dBi)	efficiency(%)
2400	3.75	68.39
2420	3.77	71.28
2440	3.94	74.56
2460	4.19	75.25
2480	4.26	73.62
2500	4.34	70.61