

承 认 书

SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER NAME: 360

产品名称

PRODUCT NAME: 5G Antenna L=75mm

客户料号

CUSTOMER P/N:

仁丰料号

Ren Feng P/N: U00T01S151N02514 REV: B

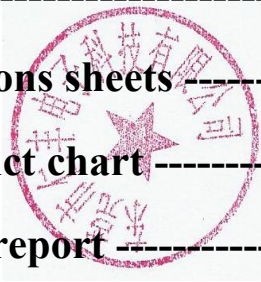
内部结构

Internal structure: PCB

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

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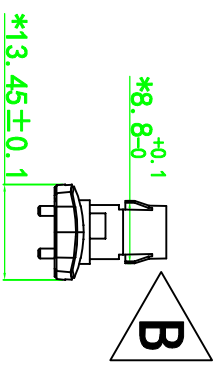
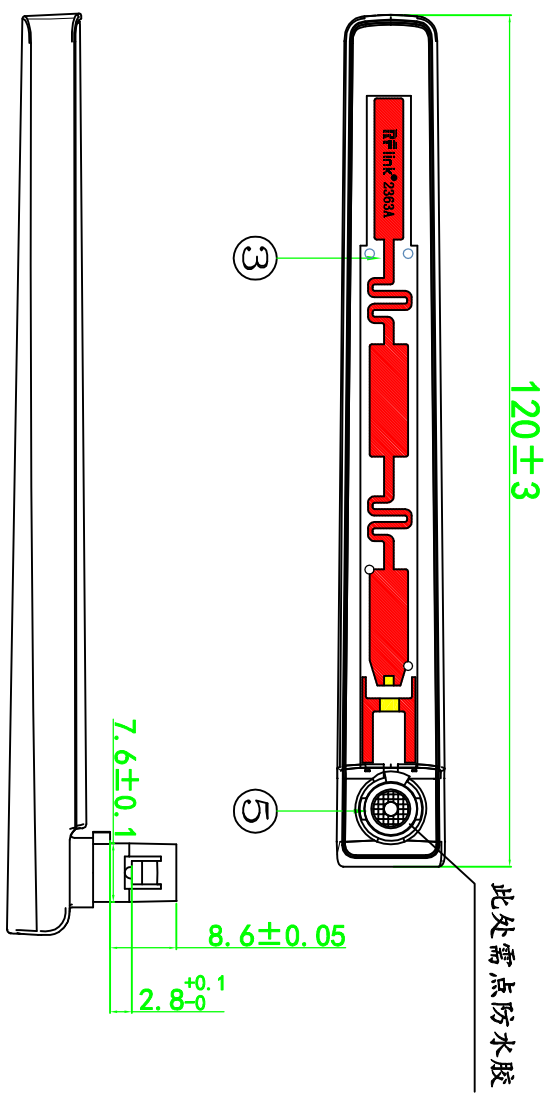
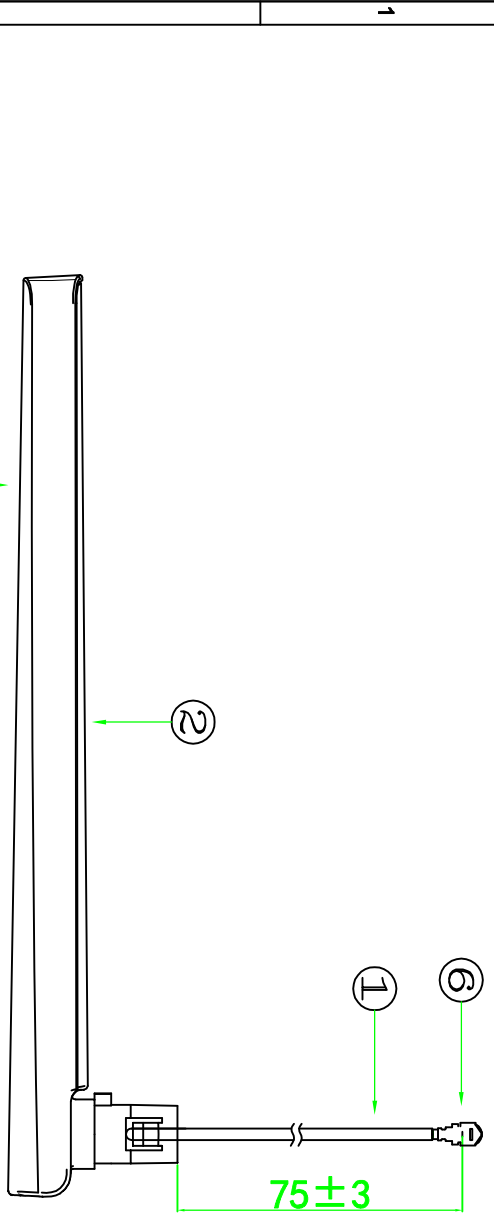


产品主要技术参数

Main technical specifications

主要技术指标		Main technical specifications	
频率范围 (MHZ)	5150-5850	Frequency Range (MHZ)	5150-5850
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	端子	Connector Type	端子
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	2023-07-26	异常 增加上盖视角



规格 Specification:

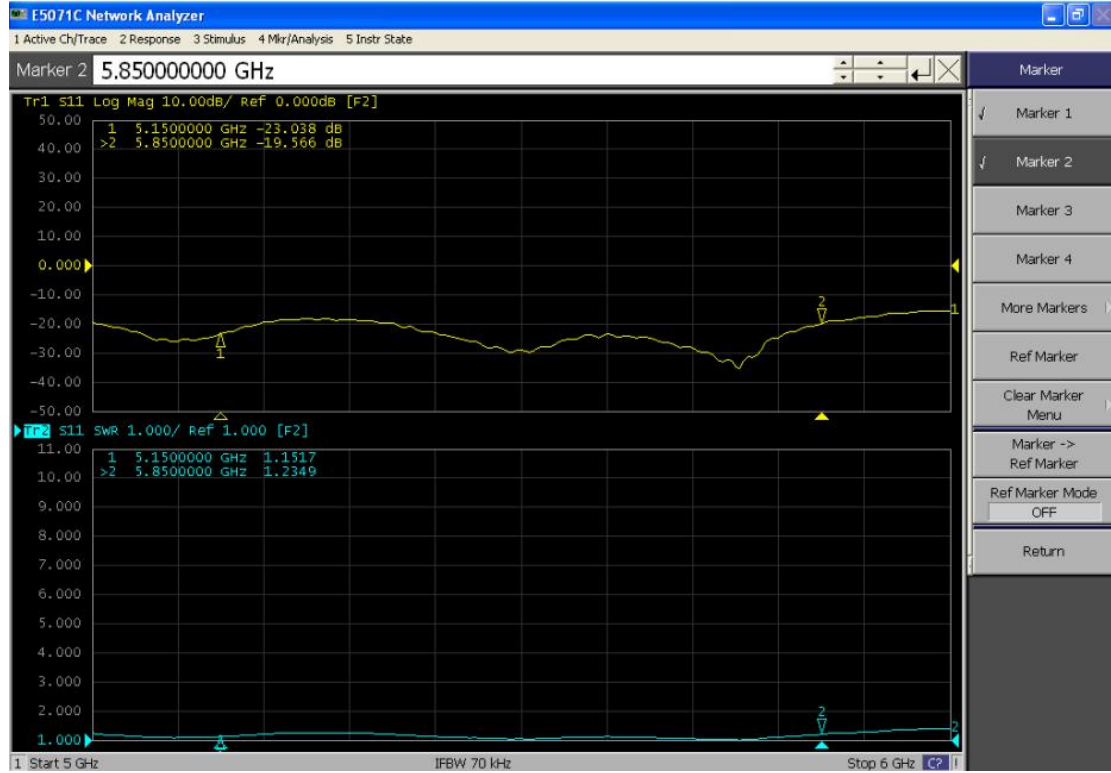
频率 Frequency Range: 5.15~5.85GHz
 回波损耗 Return loss: -9.5dB or less
 驻波比 VSWR: 2.0max
 增益 Gain: 4dBi

APPROVED		CUSTOMER:	
CHECKED		PART NO :	
DRAWING		PARTNAME : RF Antenna Assembly	
		R.F P/NO : U00T01S151N02514	
REV	UNIT	SCALE	SIZE
C	mm	1:1	A4
		SHEET	10F1
		东莞市仁丰电子科技有限公司 RenFeng Electronic technology Co., LTD.	

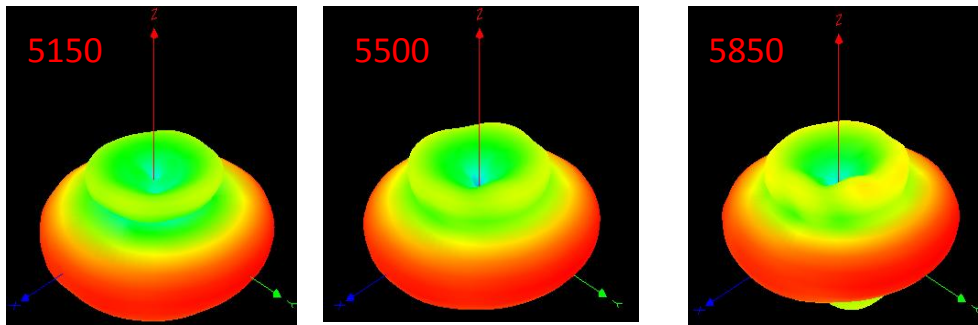
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5
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A
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G

3. 测试报告 Testing report

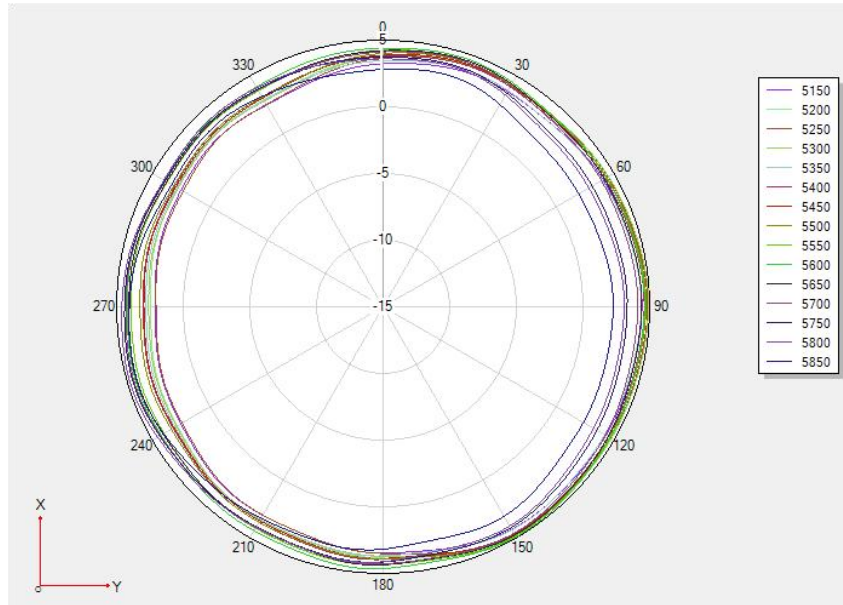
3.1 网络分析仪测试报告 Network analyzer test report



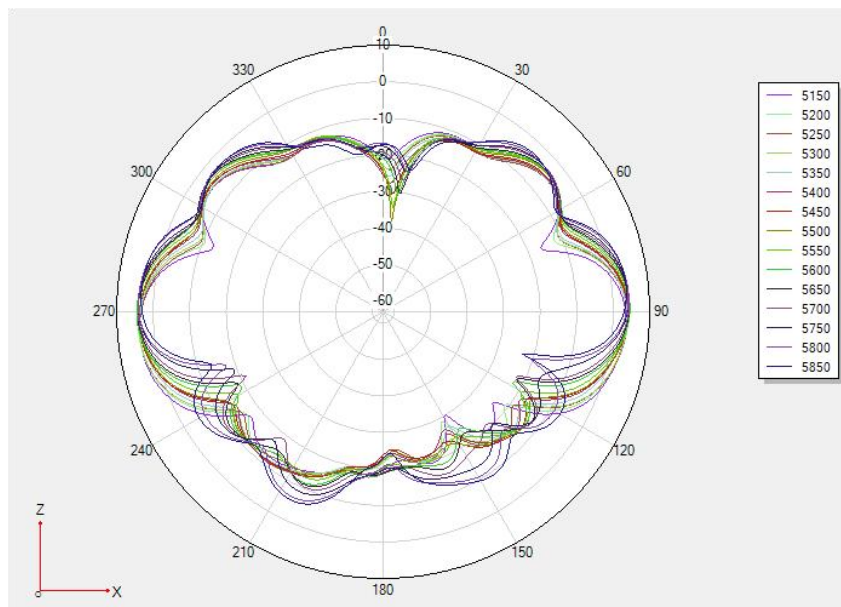
3.2 : Darkroom2D、3DRadiationPattern



H



E



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

Frequency (MHz)	Gain (dBi)	efficiency (%)
5150	4.44	64.71
5250	4.62	65.31
5350	4.41	67.52
5500	4.94	65.31
5750	4.73	64.68
5850	4.78	68.08