



深圳市科奇通讯科技有限公司
Shenzhen Keqi Communication Technology Co., Ltd

承 认 书

Manufacturer: Shenzhen Keqi Communication Technology Co., Ltd

产 品 名 称

PRODUCT NAME: WF-8

客 户 料 号

CUSTOMER P/N:

料号

P/N:

REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:	李胜华	
DATE:	2022-1-10	

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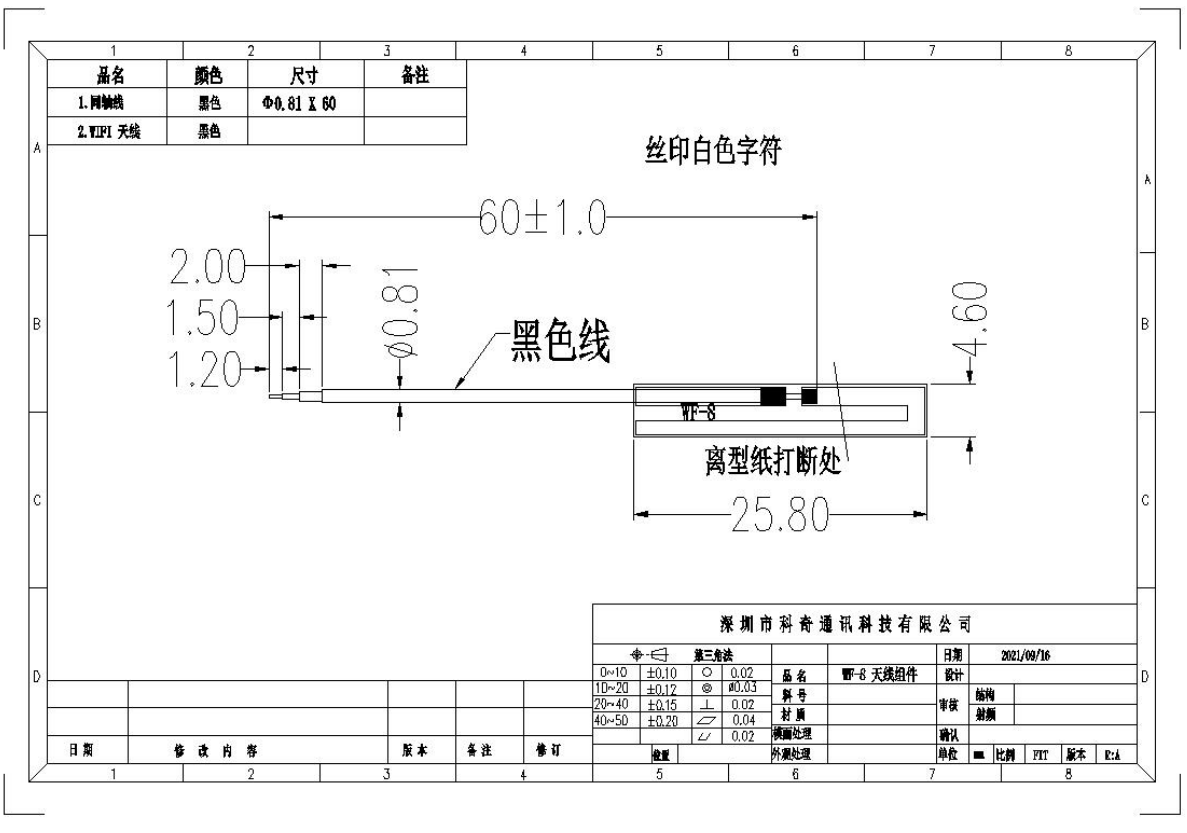
<i>Item</i>	<i>Description</i>
1.-----	规格表
2.-----	成品图
3.-----	测试报告

1. 规格表:

产品主要技术参数

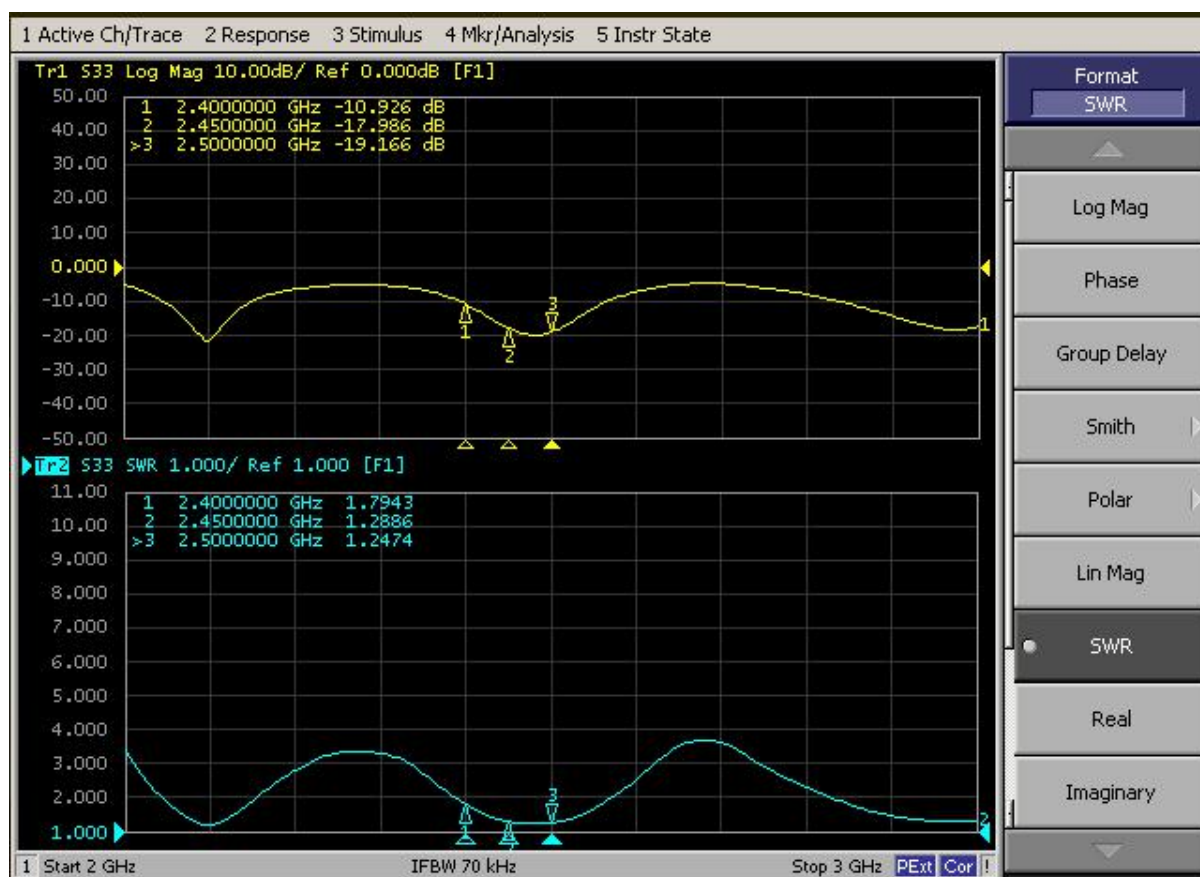
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
峰值增益(dBi)	2 ± 0.5	PeakGain(dBi)	2 ± 0.5
输出电压 驻波比	≤ 1.82	VSWR	≤ 1.82
最大功率	1W	Admitted Power	1W
极化方式	线极化	Polarization	Linear
连接方式	同轴线	Connector Type	RF Cable
物理性能		Physical Properties	
天线本体材料	FPC	Antenna Base	FPC
工作温度	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
保存温度	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$	Storage Temp	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

2. 成品图:



3. 天线测试报告

3.1: 网络分析仪测试报告



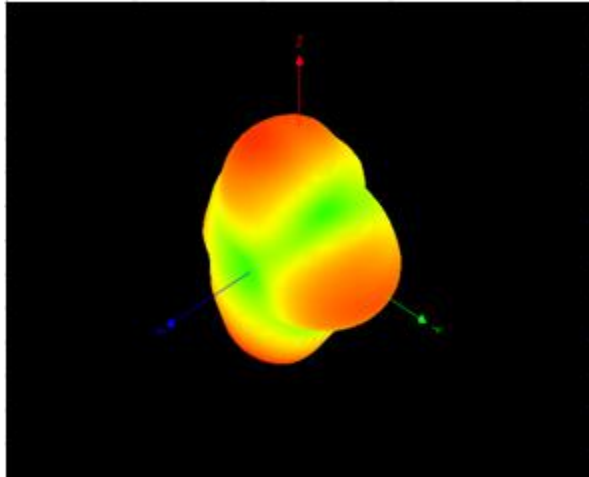
3.2: 暗室 2D、3DRaditation Pattern(整机数据)

3.2-1 无源测试数据

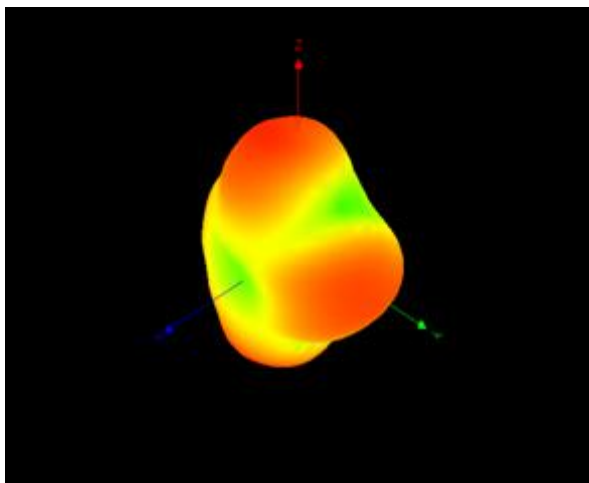
Frequency / MHz	Efficiency / %	Gain/ dB
2400	39.39	1.79
2450	41.63	1.89
2500	40.16	1.85

3.2-2 2D/3D 场型图

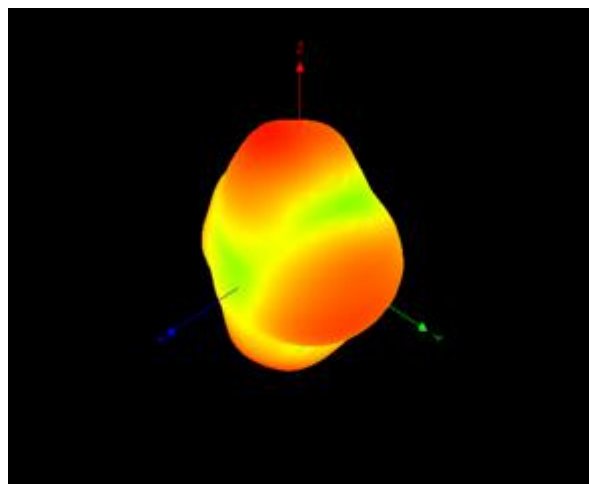
ANT 3D Radiation with MaxGain



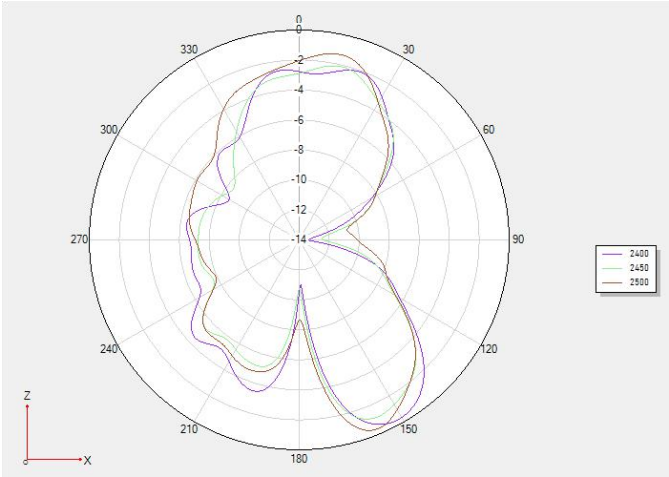
2400MHz



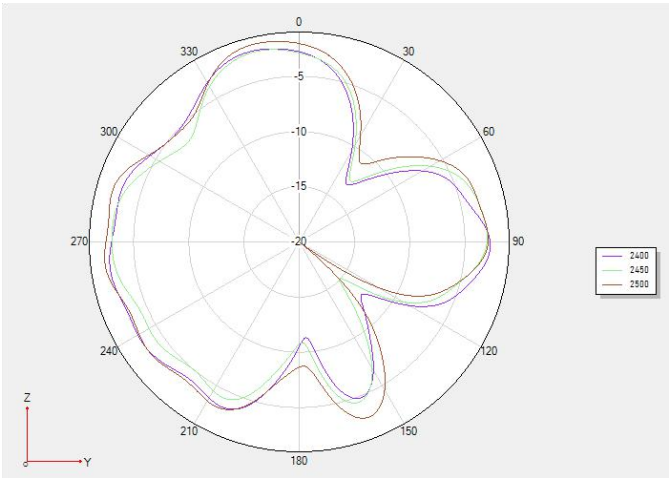
2450MHz



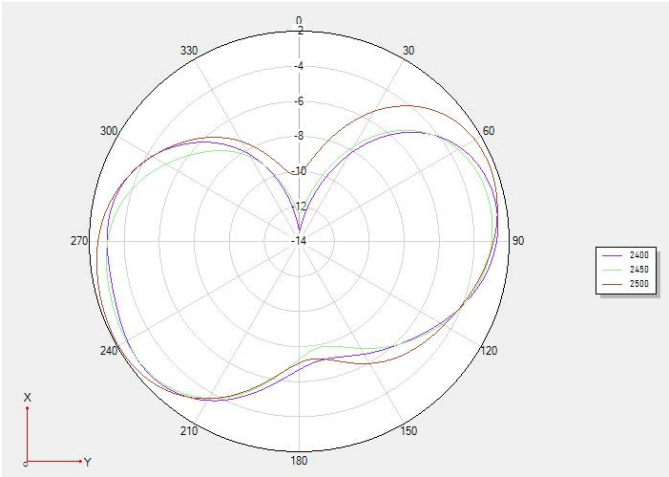
2500MHz



Phi 0 2D 图



Phi 90 2D 图



Theta 90 2D 图