



东莞市卓信电子科技有限公司

Dongguan Zhuoxin Electronic Technology Co., Ltd

公司地址：东莞市塘厦镇蛟乙塘银园街5号厂房2楼 2nd Floor, Building 5, Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan, China

# 承认书

## SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER NAME: 智博通

产品名称

PRODUCT NAME: 2.4G 3DBi FPC 天线一对一材质 单面背胶 线长  
120MM 1代 IPEX 扣 灰色线 尺寸 43.5\*11mm--LR

客户料号

CUSTOMER P/N: 124.0000.643

卓信料号

Zhuo Xin P/N: REV: A

内部结构

Internal structure:

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Andy	
AUDITOR BY:	王国行	
APPROVED BY:	郭亮	
DATE:	2023-03-23	





东莞市卓信电子科技有限公司

Dongguan Zhuoxin Electronic Technology Co., Ltd

公司地址：东莞市塘厦镇蛟乙塘银园街5号厂房2楼 2nd Floor, Building 5, Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan, China

---

## *Contents*

<i>Description</i>	<i>Page</i>
1、封面 Cover -----	1
2、履历表 Resume -----	2
3、目录 Contents-----	3
4、规格表 Specifications sheets -----	4
5、成品图 End product chart -----	5
6、测试报告 Testing report -----	6-8



东莞市卓信电子科技有限公司

Dongguan Zhuoxin Electronic Technology Co., Ltd

公司地址：东莞市塘厦镇蛟乙塘银园街5号厂房2楼 2nd Floor, Building 5, Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan, China

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)	3.0REF	Gain(dBi)	3.0REF
输出电压 驻波比	≤2.0(整机)	VSWR	≤2.0 (Complete machine)
极化方式	线极化	Polarization	Linear
方向性	全向性	Radiation	Omni-directional
物理性能		Physical Properties	
天线本体 材料	FPC	Antenna Base	FPC
工作温度	-20℃~+60℃	Operating Temp	-20℃~+60℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

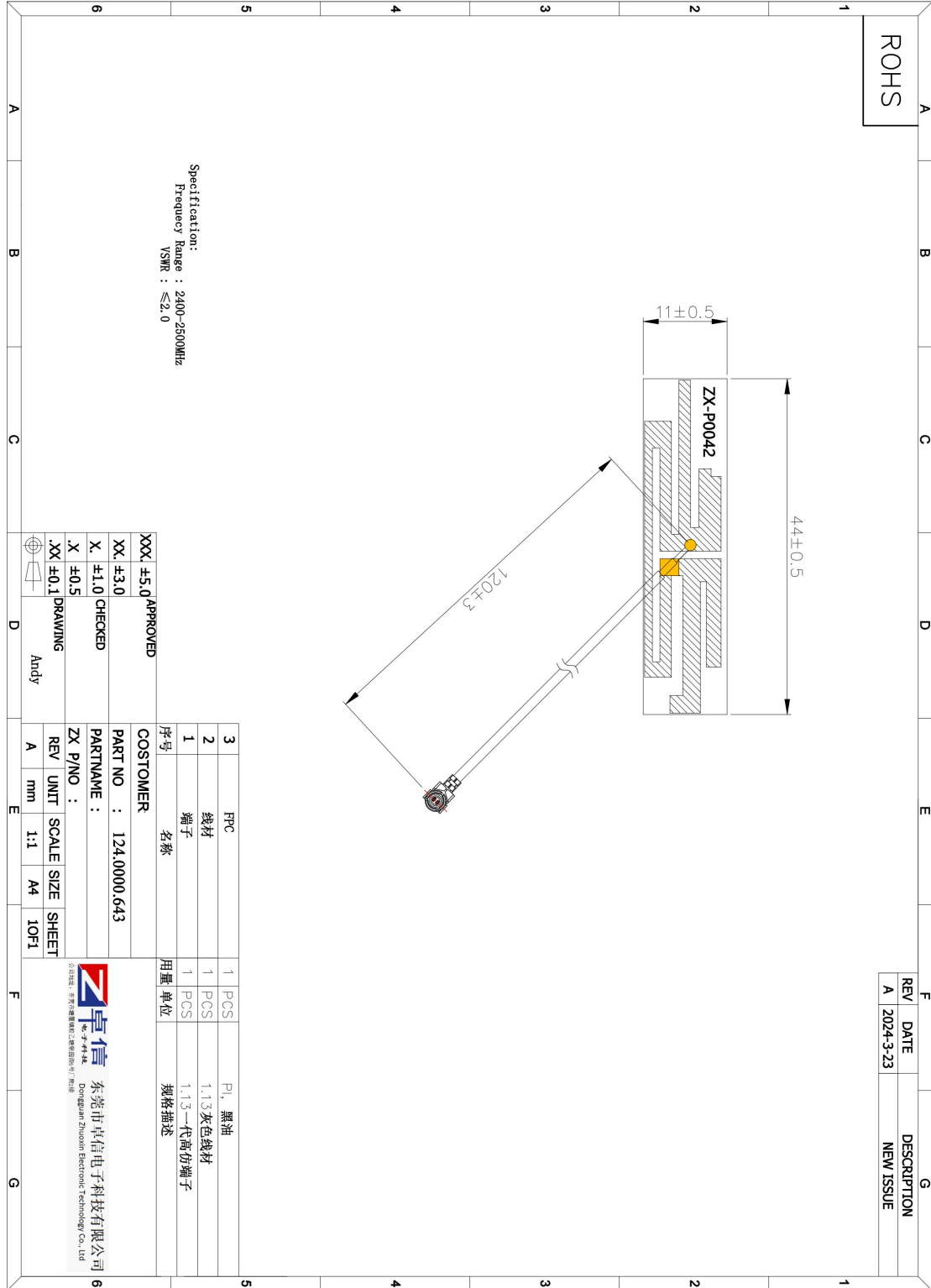


东莞市卓信电子科技有限公司

Dongguan Zhuoxin Electronic Technology Co., Ltd

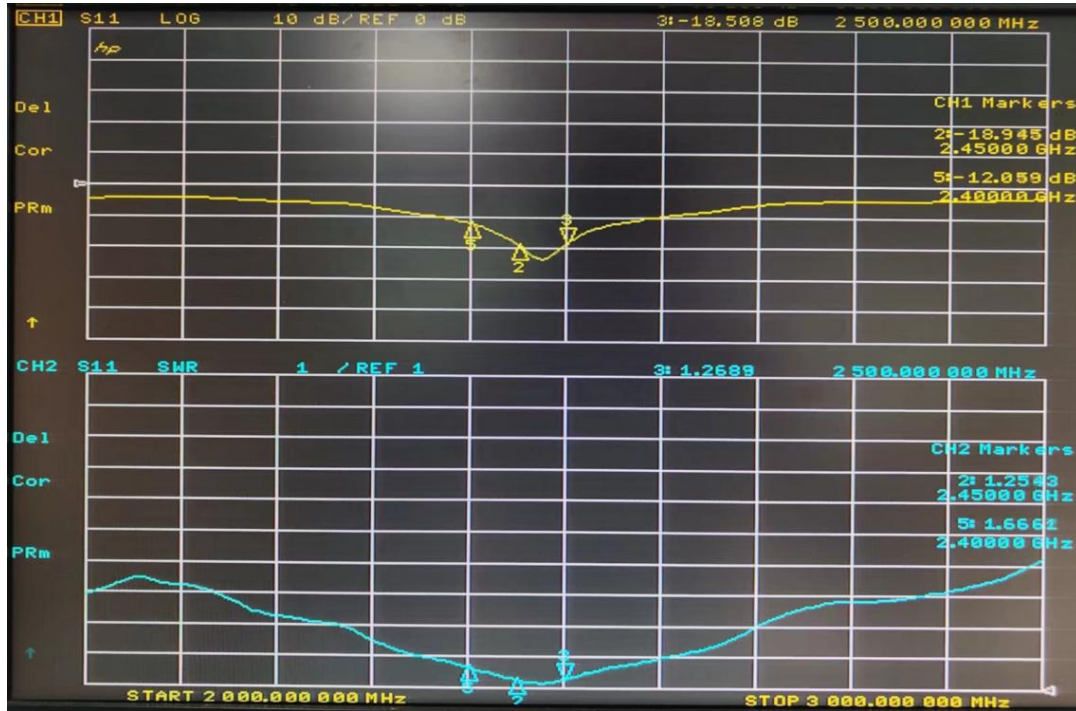
公司地址：东莞市塘厦镇蛟乙塘银园街5号厂房2楼 2nd Floor, Building 5, Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan, China

### 5、成品图【End product chart】：



## 6、测试报告【Testing report】

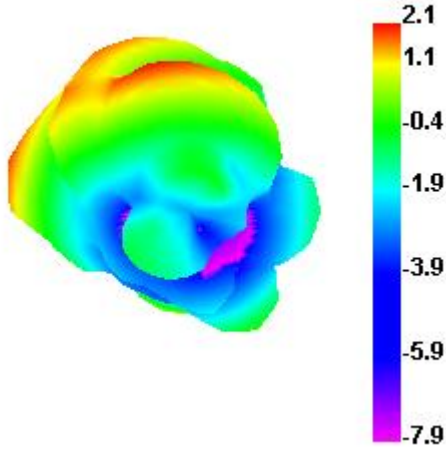
### 6.1 网络分析仪测试报告



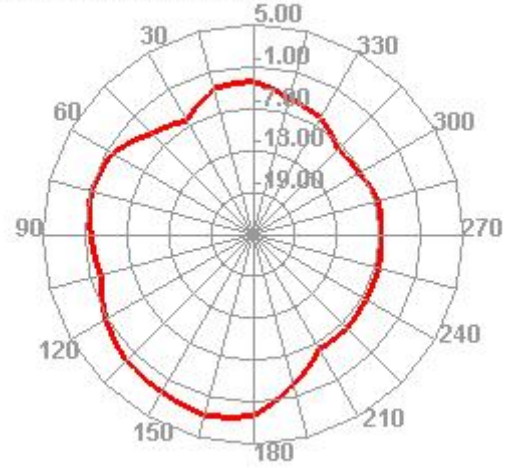
频率(MHz)	Return Loss (dB)	VSWR
2400	-12.05	1.66
2450	-18.94	1.25
2500	-18.50	1.26

## 6.2: 暗室 2D、3D Radiation Pattern, 效率及增益

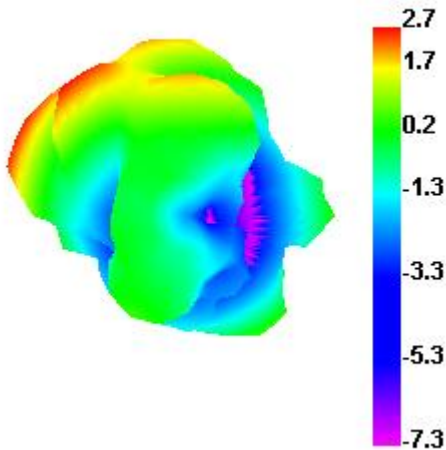
### 2400.000MHz



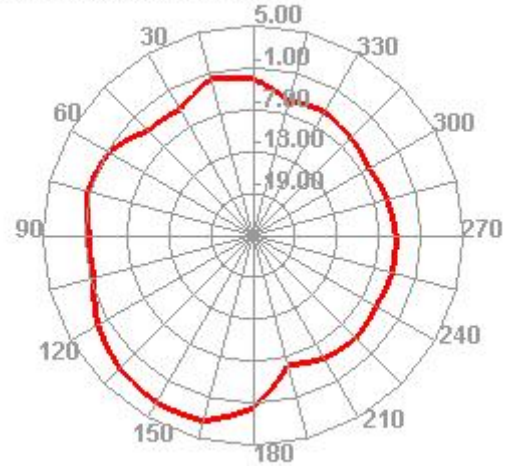
### 2400.000MHz H



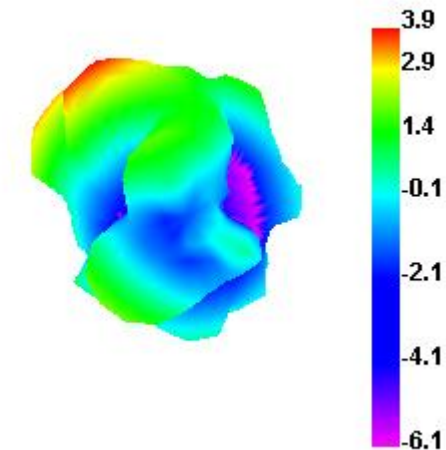
### 2450.000MHz



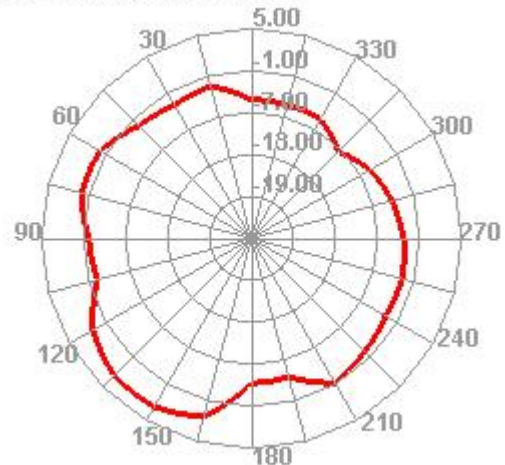
### 2450.000MHz H



### 2500.000MHz



### 2500.000MHz H





东莞市卓信电子科技有限公司

Dongguan Zhuoxin Electronic Technology Co., Ltd

公司地址：东莞市塘厦镇蛟乙塘银园街5号厂房2楼 2nd Floor, Building 5, Yinyuan Street, Jiaoyitang, Tangxia Town, Dongguan, China

Frequency / MHz	Gain/ dBi	Efficiency / %
2400	2.08	51.46
2450	2.66	55.87
2500	3.00	57.52