

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME: 涂鸦

产 品 名 称

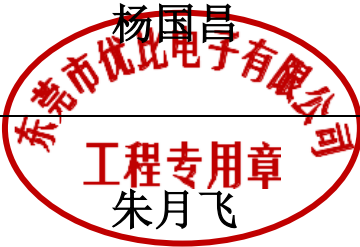
PRODUCT NAME: 2.4G-FPC 内置天线+端子, L=130mm

客 户 料 号

CUSTOMER P/N:

优比电子料号

UB P/N: UB01C130F3D923A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	杨国昌 	
APPROVED BY:	朱月飞	
DATE:	2019/06/18	

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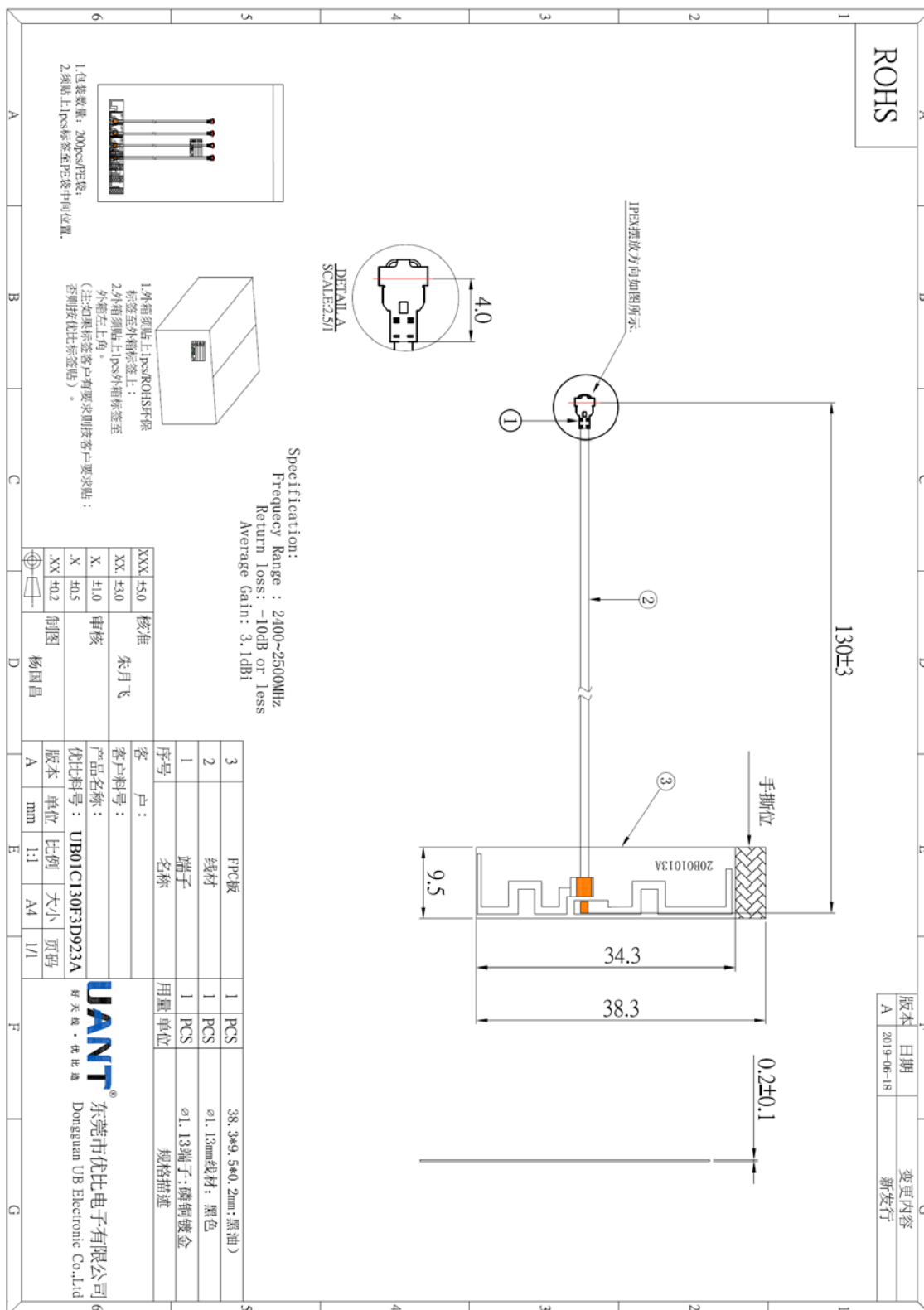
<i>Item</i>	<i>Description</i>
1.-----	规格表
2.-----	成品图
3.-----	测试报告

1. 规格表:

产品主要技术参数

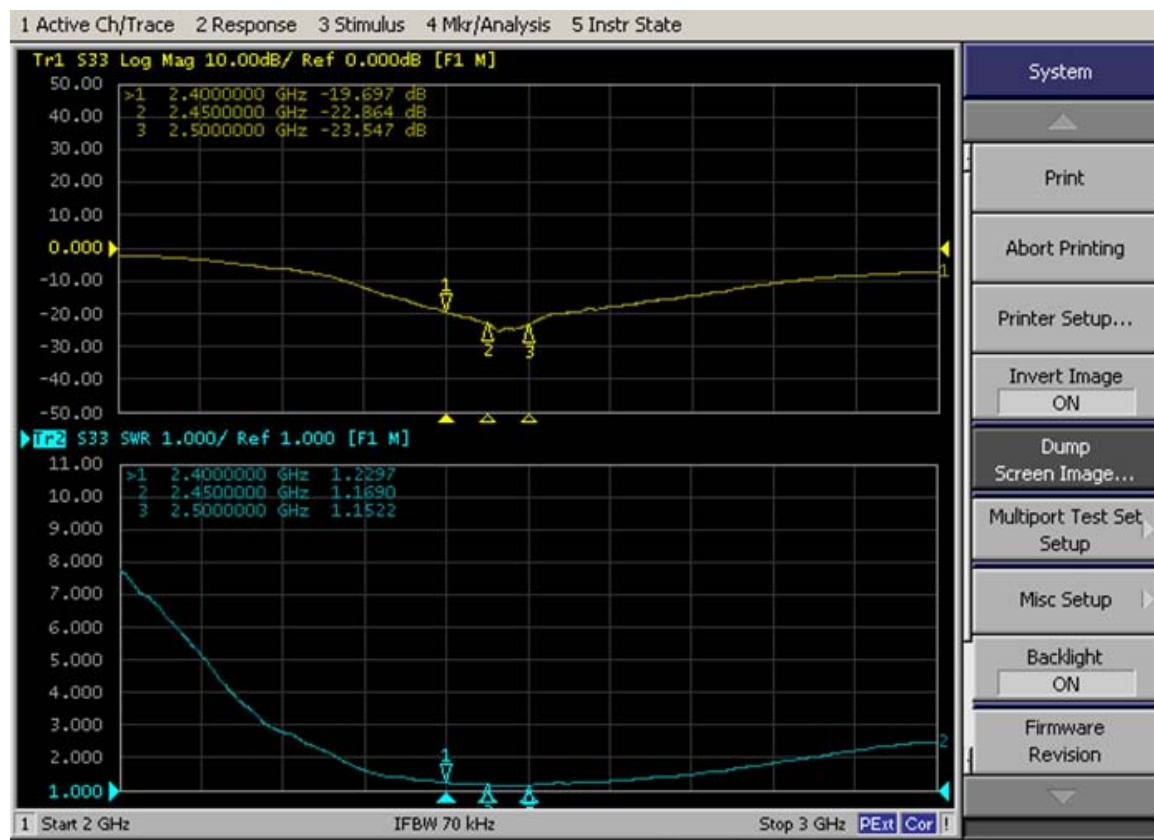
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
平均增益(dBi)	3.1	AverageGain(dBi)	3.1
输出电压 驻波比	≤ 1.92	VSWR	≤ 1.92
最大功率	10W	Admitted Power	10W
极化方式	线极化	Polarization	Line,Vertical
连接方式	同轴线+端子	Connector Type	RF Cable+IPEX
物理性能		Physical Properties	
天线本体材料	FPC	Antenna Base	FPC
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

2. 成品图:



3. 天线测试报告

3.1: 网络分析仪测试报告



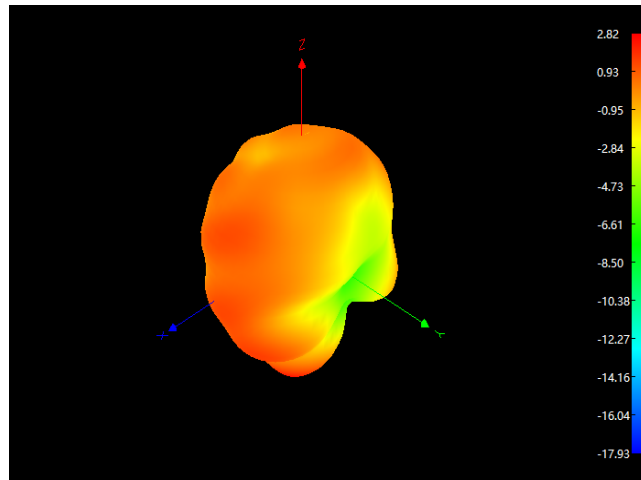
3.2: 暗室 2D、3DRaditation Pattern(整机数据)

3.2-1 效率及增益

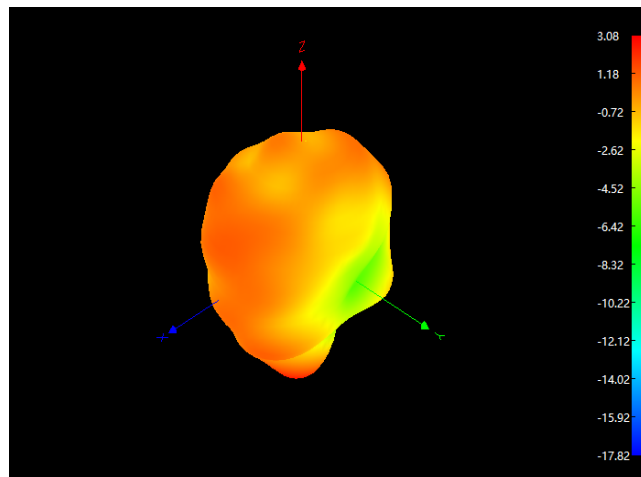
Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dB
2400	-1.13	77.12	2.82
2410	-1.19	76.1	2.87
2420	-1.15	76.68	3.04
2430	-1.17	76.39	3.11
2440	-1.21	75.66	3.03
2450	-1.22	75.52	3.08
2460	-1.22	75.52	3.08
2470	-1.23	75.37	3.13
2480	-1.15	76.68	3.33
2490	-1.12	77.27	3.44
2500	-1.12	77.27	3.46

3.2-3 2D/3D 场型图

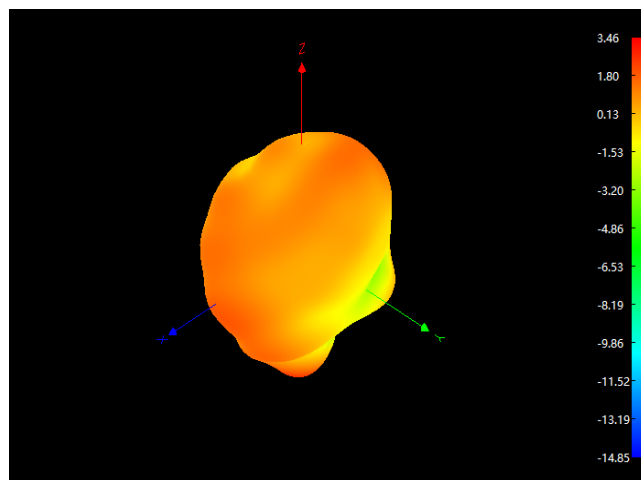
ANT 3D Radiation with MaxGain



2400MHz



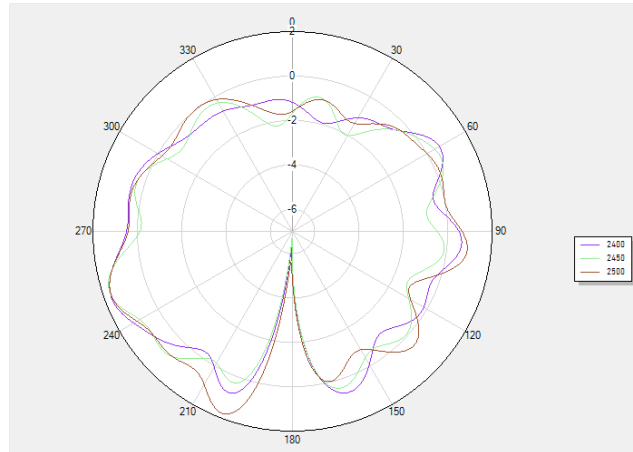
2450MHz



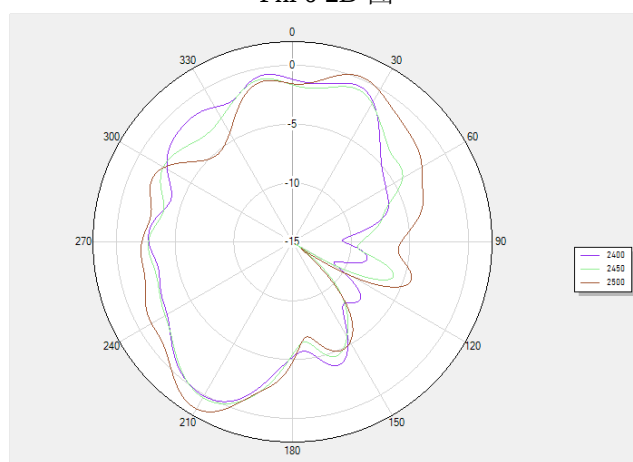
2500MHz

地址：东莞市塘厦镇林村社区新太阳工业城 79 栋 （公司总部）
ADD: Building 79, New Sun Industrial City, Lincun Community, Tangxia Town, Dongguan City (HQ)
杭州市滨江区秋溢路 500 号乐通科技园 3 栋 106 室 （杭州分部）
ADD: Room 106, Building 3, Letong Science and Technology Park, No. 500, Qiuyi Road, Binjiang District, Hangzhou (Hangzhou Branch)

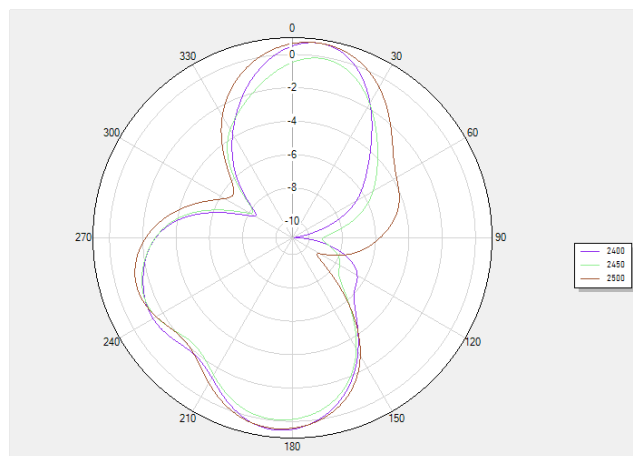
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Phi 0 2D 图



Phi 90 2D 图



Theta 90 2D 图