

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4/5.8G 3dBi 内置 FPC 天线 L=600mm+一代端子

客 户 料 号

CUSTOMER P/N:

中联云达料号

ZLYD P/N: Z1CFPC245800022

版 本 号

Version Number: V1.0

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
Manufacture BY:	LI LIU	
Engineering BY:	LI LIU	
Character BY:	YU JIANG BO	
DATE:	2025-05-22	

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三、变更履历

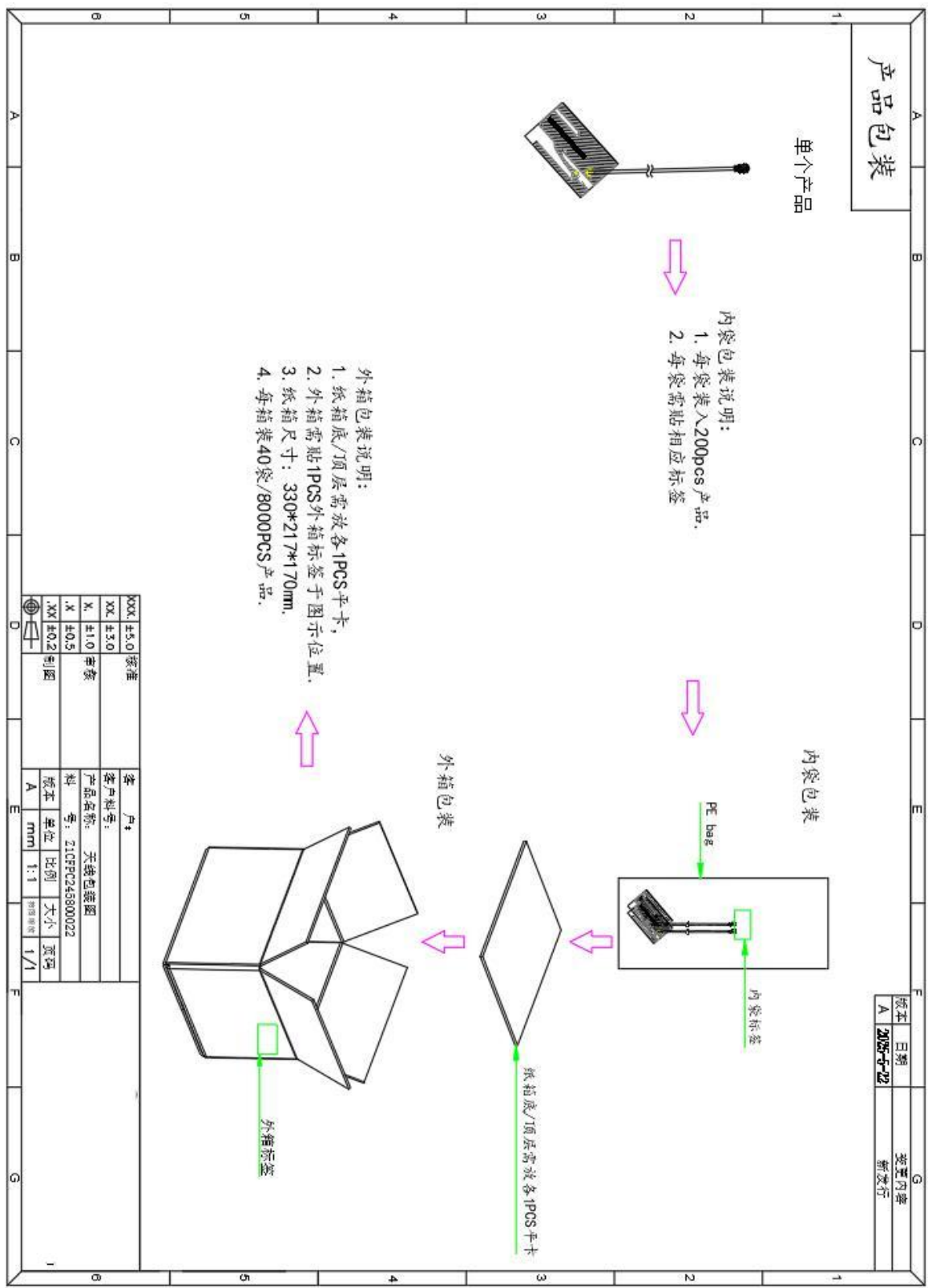
[illegible]

四、基本参数

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400~2500 5150~5850	Frequency Range (MHZ)	2400~2500 5150~5850
特性阻抗(Ω)	50	Impedance(Ω)	50
峰值增益(dBi)	3 ± 0.5	Peak Gain(dBi)	3 ± 0.5
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	一代端子	Connector Type	IPEX
物理性能		Physical Properties	
天线本体材料	PI	Antenna cover	PI
工作温度	$-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$
保存温度	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$	Storage Temp	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

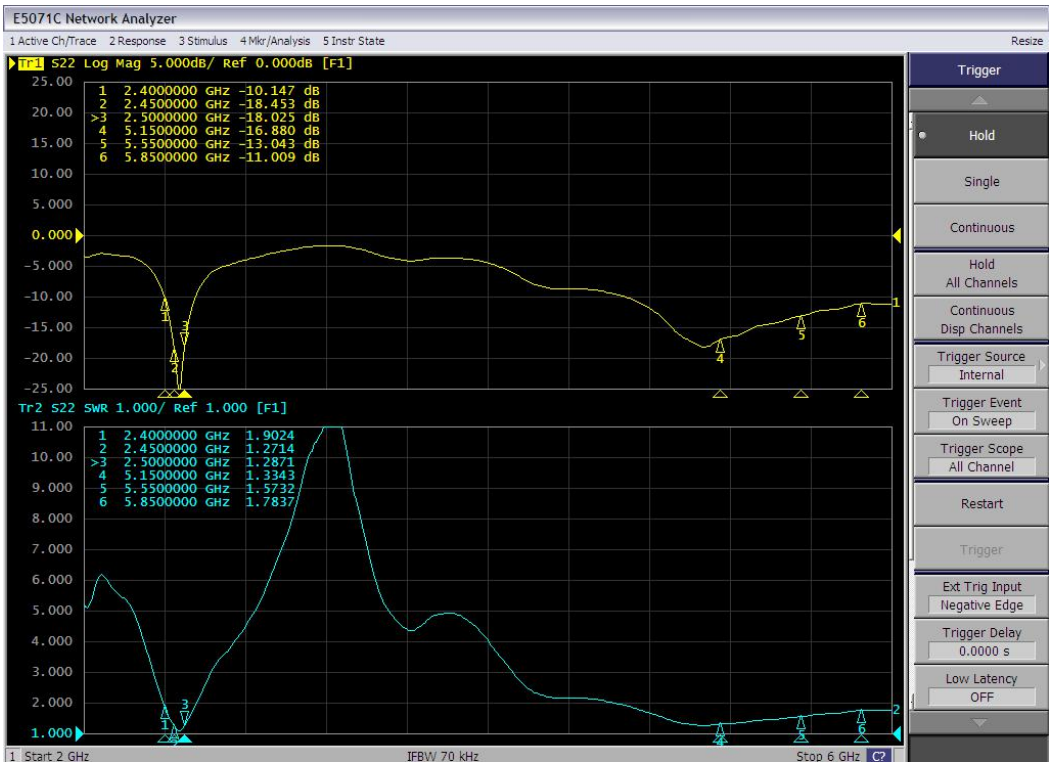
[illegible]

六、包装图纸



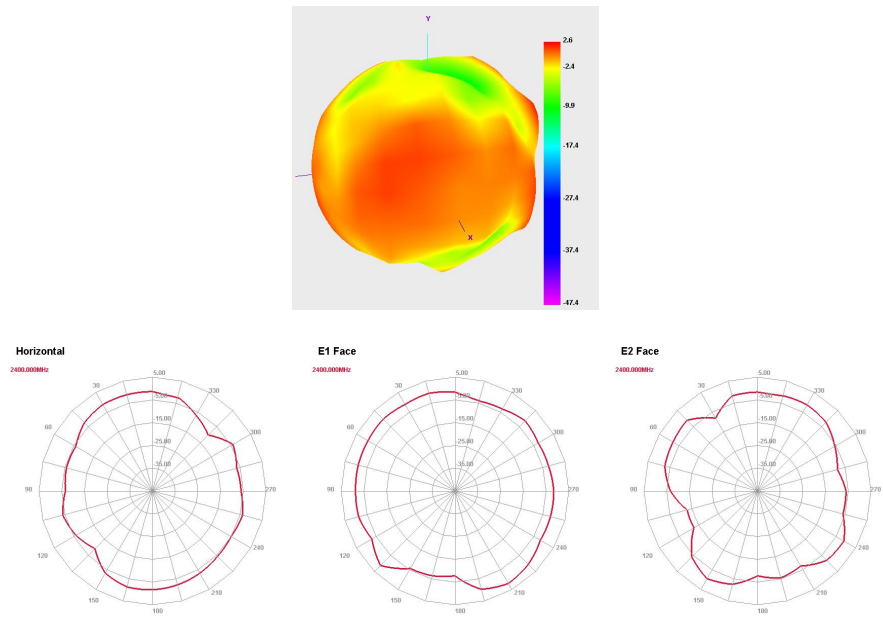
七、测试报告

7.1：网络分析仪测试报告

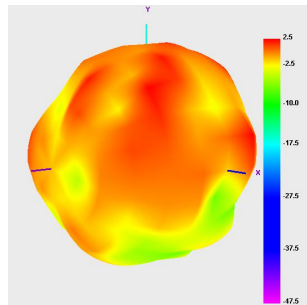


7.2：暗室 2D、3DRadiation Pattern

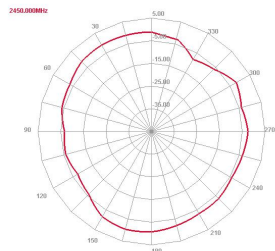
2400MHz



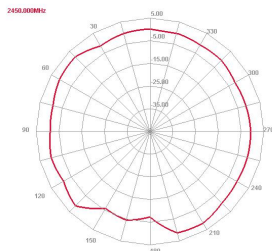
2450MHz



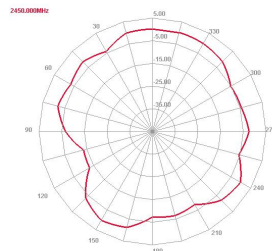
Horizontal



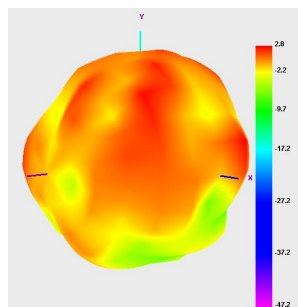
E1 Face



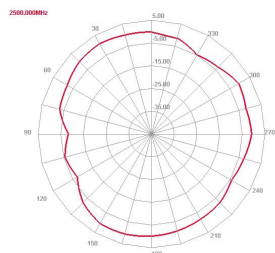
E2 Face



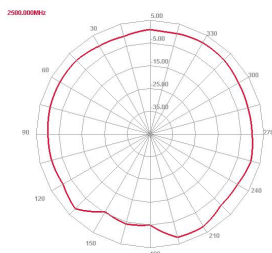
2500MHz



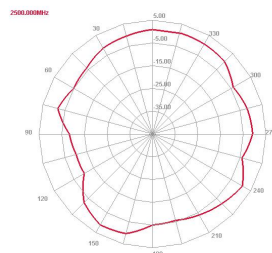
Horizontal



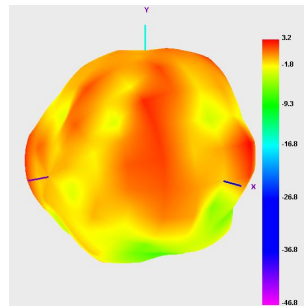
E1 Face



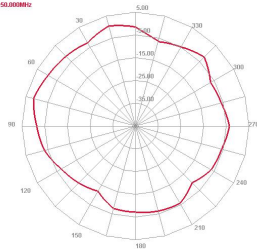
E2 Face



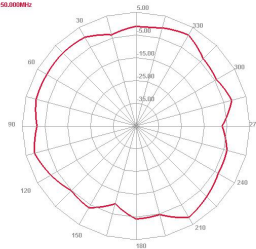
5150MHz



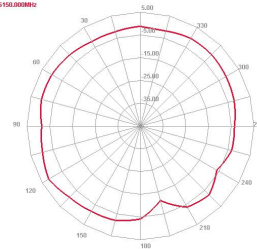
Horizontal
5150.000000 MHz



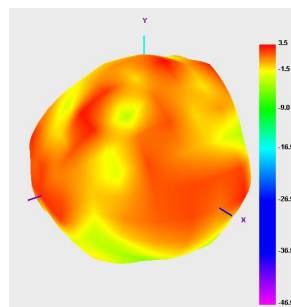
E1 Face
5150.000000 MHz



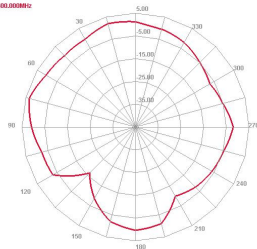
E2 Face
5150.000000 MHz



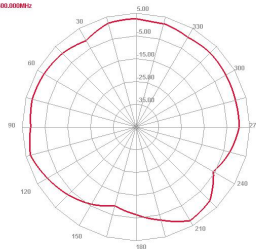
5500MHz



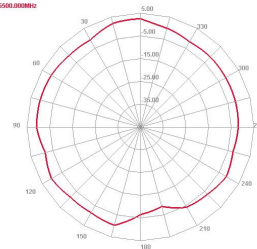
Horizontal
5500.000000 MHz



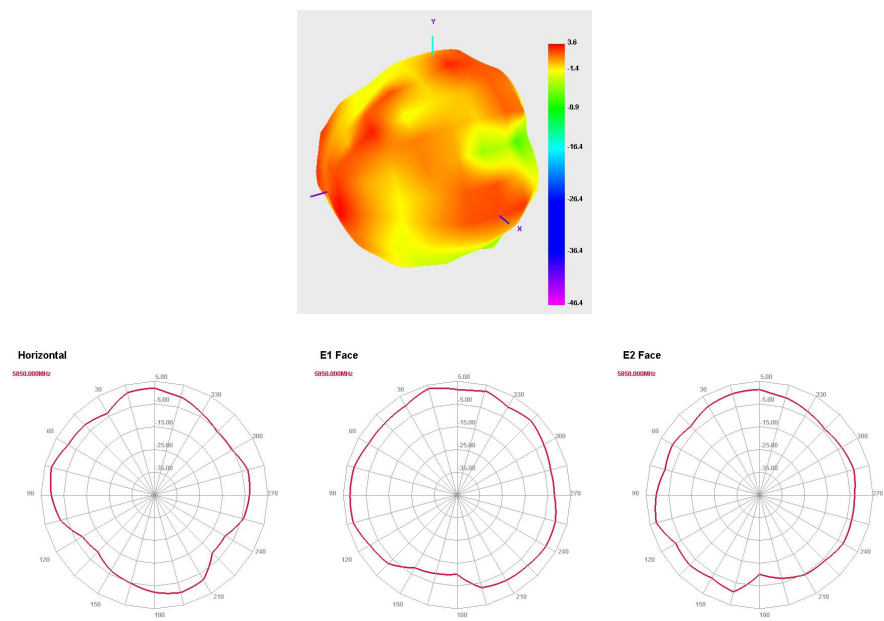
E1 Face
5500.000000 MHz



E2 Face
5500.000000 MHz



5850MHz



7.4：天线增益与效率

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频率（MHZ）	增益（dBi）	效率（%）
2400	2.63	68.32
2450	2.58	65.24
2500	2.86	69.54
5150	3.29	68.30
5500	3.51	67.62
5850	3.60	64.35