

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: P3000 2.4G Antenna

客 户 料 号

CUSTOMER P/N:

优比电子料号

UB

P/N:

REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Victor	
APPROVED BY:		
DATE:	2025/8/15	

Contents

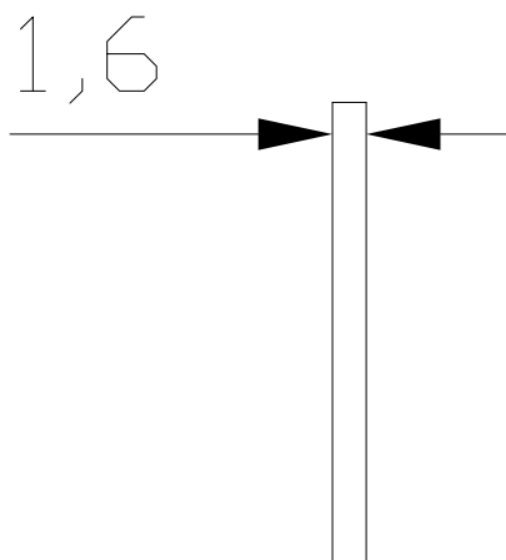
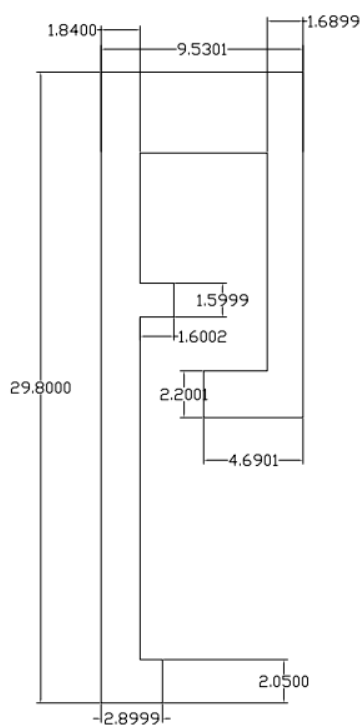
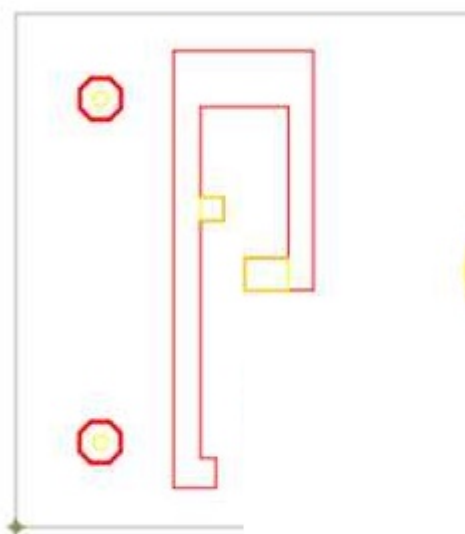
<i>Item</i>	<i>Description</i>
1. -----	规格表 Electrical Specification
2. -----	成品图 Figure
3. -----	测试报告 TEST REPORT

1. 规格表 Electri5cal Specification:

产品主要技术参数 Technical specification

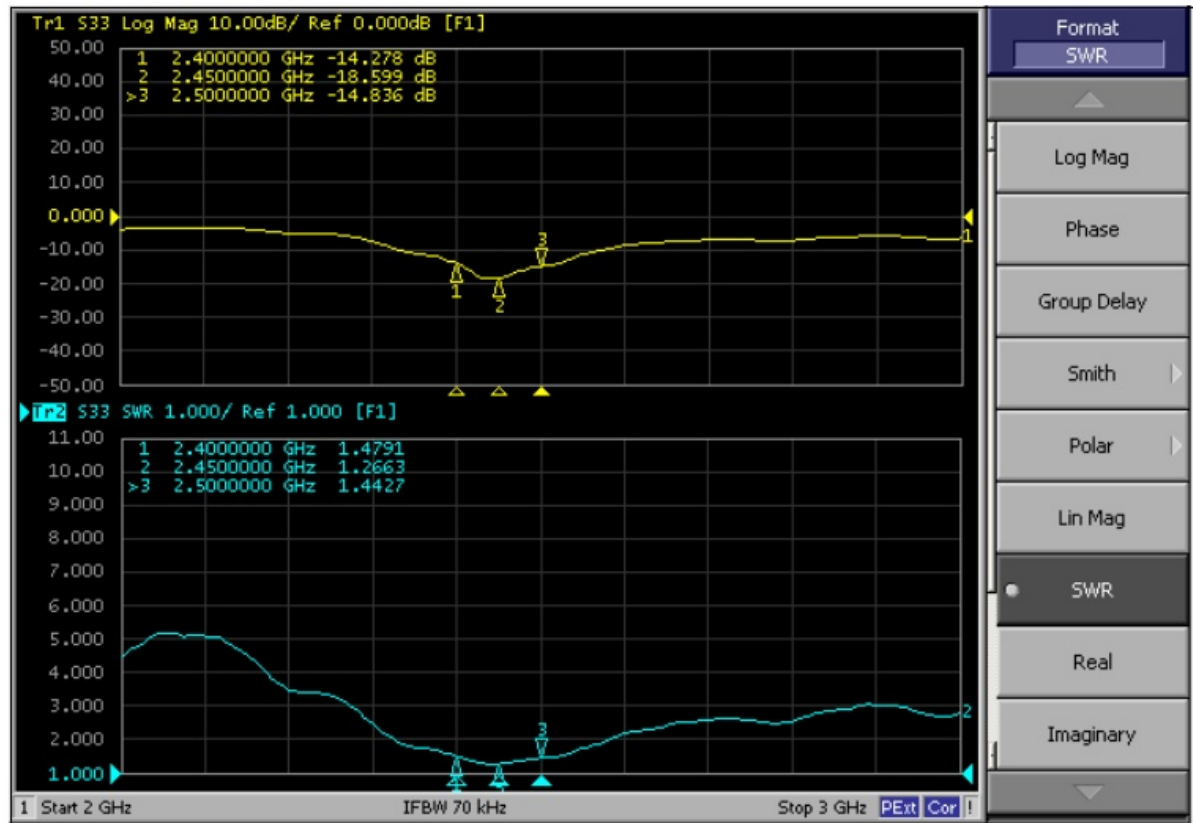
主要技术指标 technical index		Main technical specifications	
频率范围 frequency domain (MHZ)	2400~2500	Frequency Range (MHZ)	2400~2500
特性阻抗 characteristic impedance (Ω)	5	Impedance(Ω)	5
峰值增益 peak gain (dBi)	≤2.66	Peak Gain(dBi)	≤2.66
输出电压驻波比 VSWR	≤2	VSWR	≤2
极化方式 polarization	线极化 linear polarization	Polarization	Linear
连接方式 connection type	PCB (built-in) Antenna	Connector Type	PCB (built-in) Antenna
物理性能 Physical Properties		Physical Properties	
天线本体材料	PCB	Antenna Base	PCB
工作温度	-10℃~+75℃	Operating Temp	-10℃~+75℃
保存温度	-20℃~+85℃	Storage Temp	-20℃~+85℃

2. 成品图 Figure:



3.测试报告 Test report

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

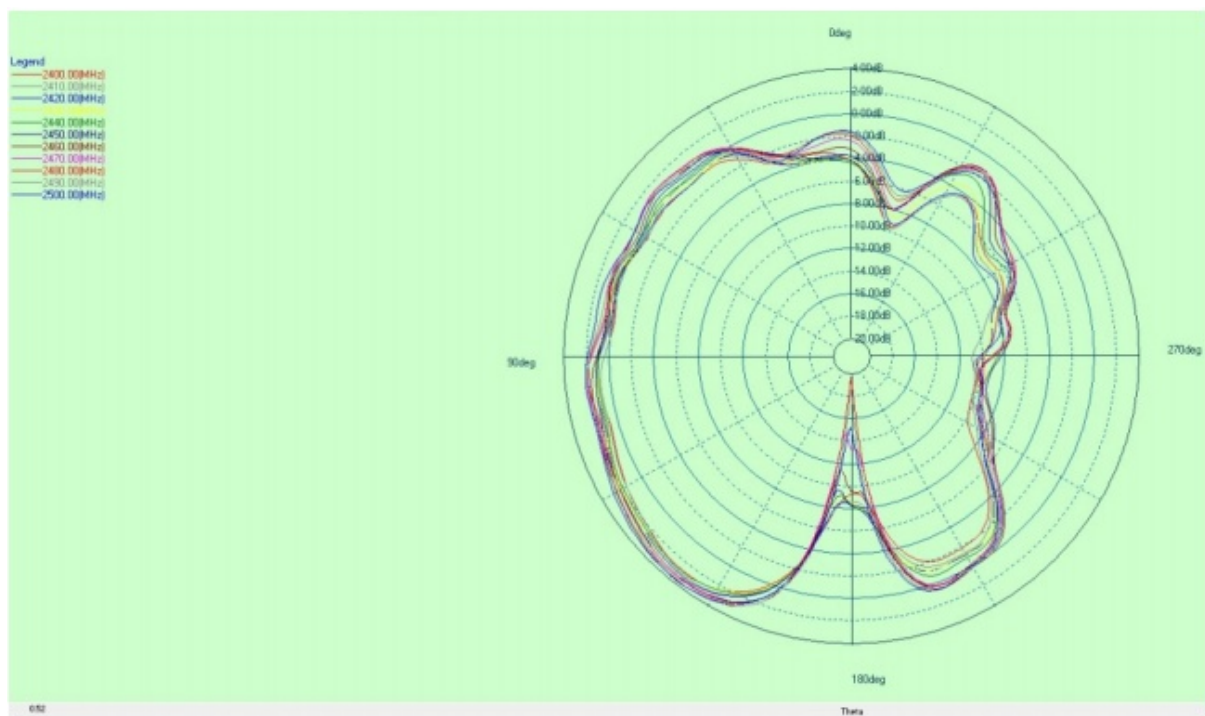
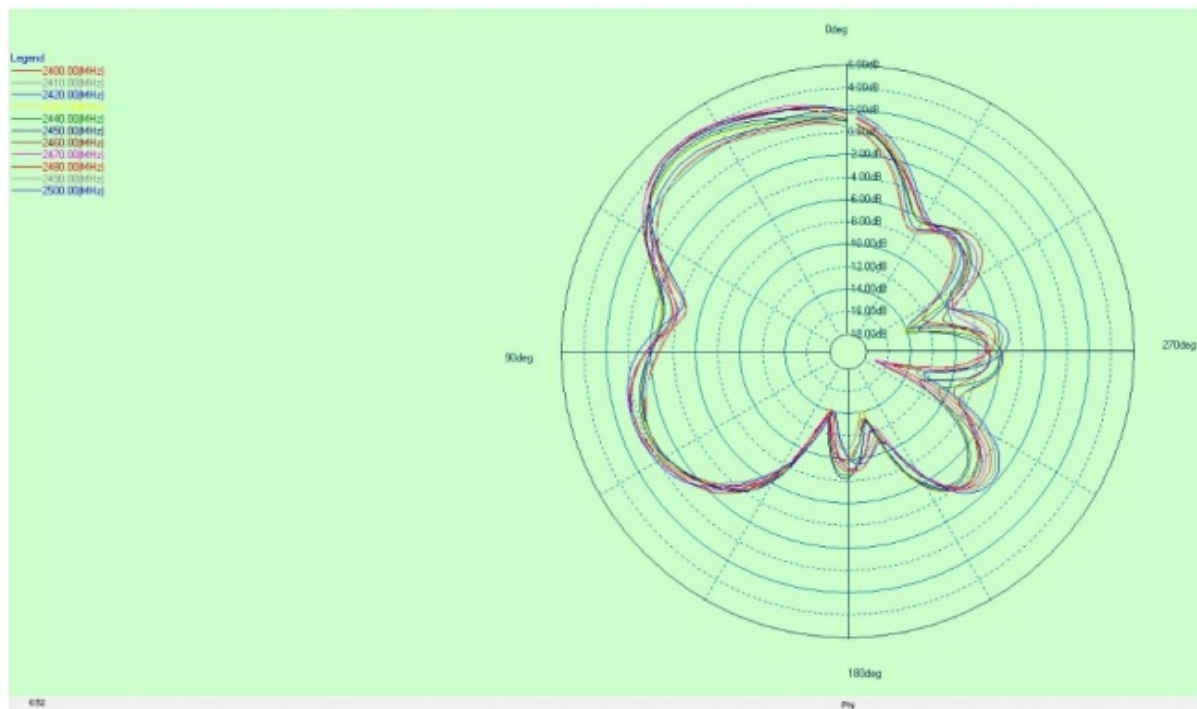


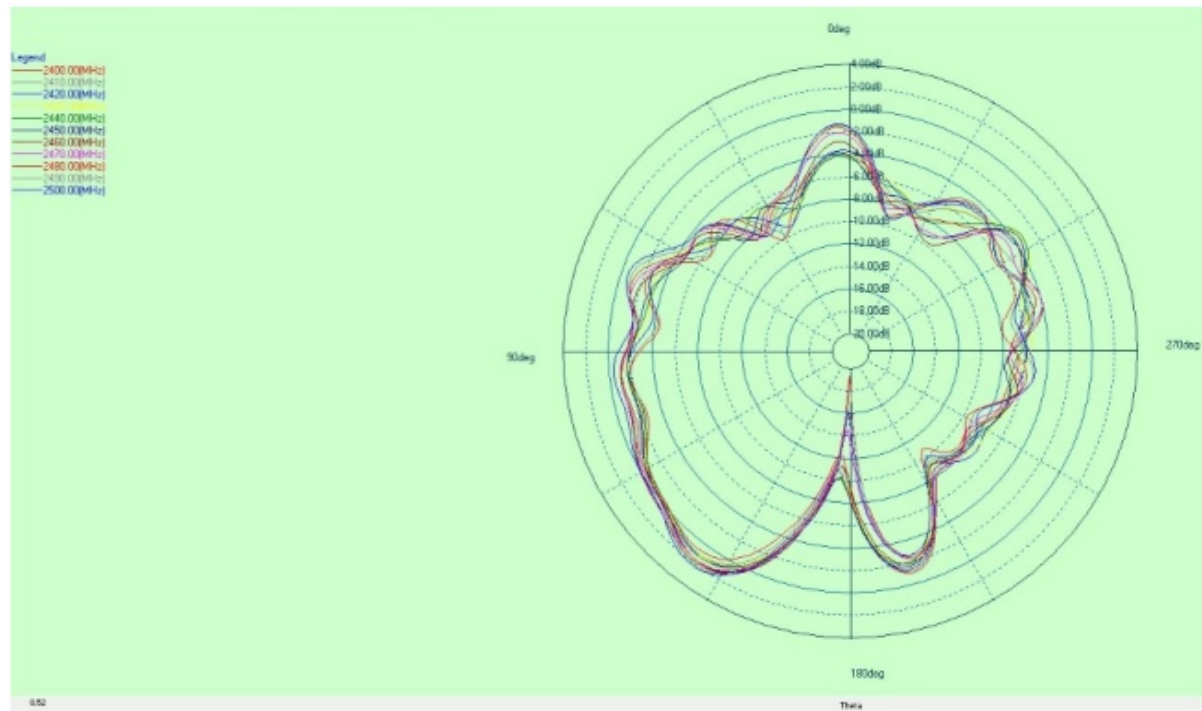
3.2: 2D Raditation Pattern(整机数据 complete machine data)

3.2.1 效率及增益 Efficiency post gain

Frequency (MHz)	Efficiency (%)	Peak Gain / dB
2400	45.12	2.13
2410	48.71	2.57
2420	46.45	2.66
2430	45.82	2.32
2440	49.16	2.13
2450	46.75	2.41
2460	50.94	2.31
2470	50.97	2.26
2480	52.25	2.36
2490	46.54	2.5
2500	43.11	2.56

3.2.2 2D Pattern





3.2.3 OTA

Test Equipment	R&S CMW500			
Test Condition	3D chamber			
Band	Wireless Protocol	Channel	TRP (dBm)	TIS (dBm)
WIFI	802.11 b/11Mbps	1	17.98	-75.57
		6	17.56	-77.98
		11	17.40	-77.51