

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4G PCB Antenna

客 户 料 号

CUSTOMER P/N:

优比电子料号

UB P/N: U02S58B5258A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Victor	
APPROVED BY:		
DATE:	2023/5/31	

Contents

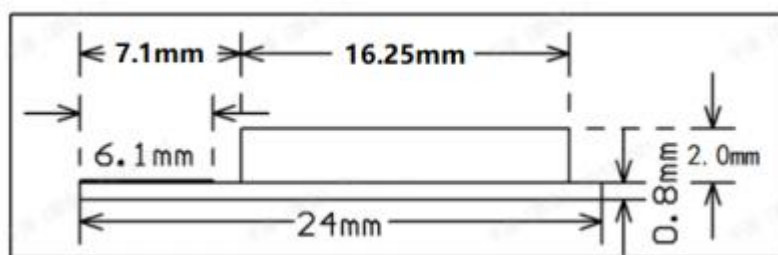
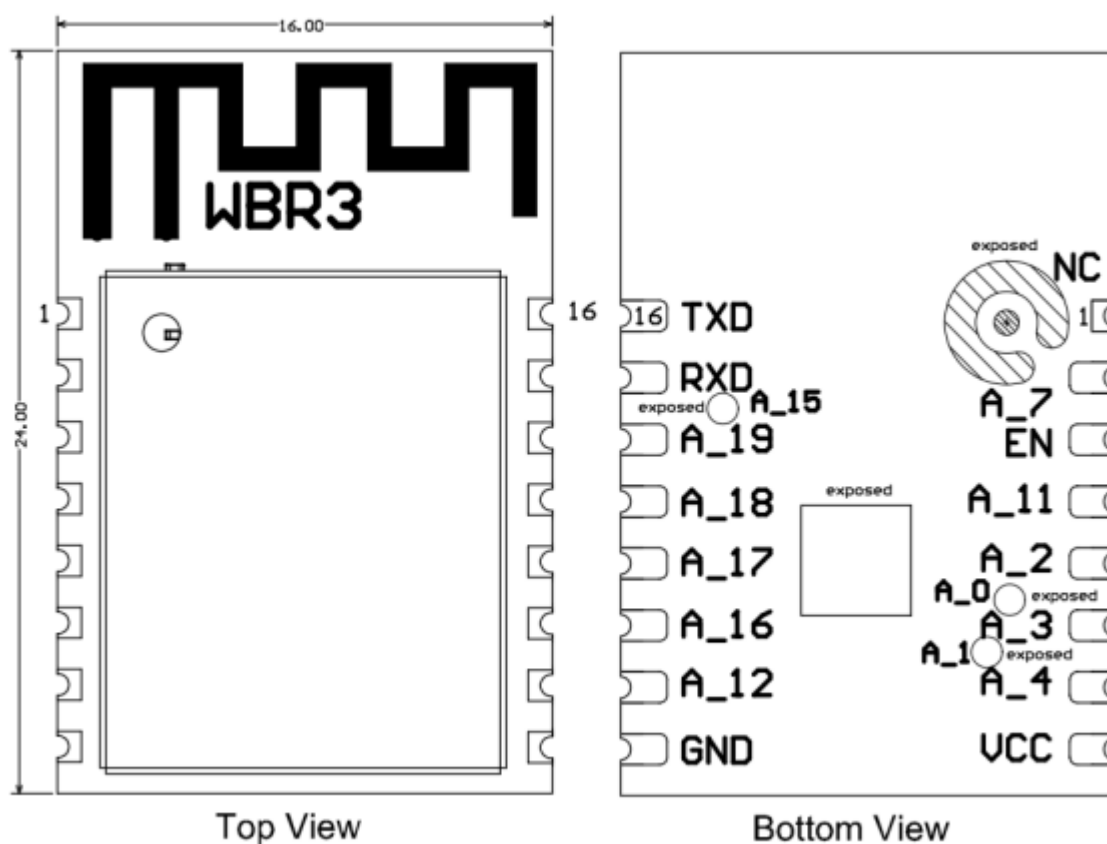
<i>Item</i>	<i>Description</i>
1. -----	规格表 Electrical Specification
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1. 规格表 Electri5cal Specification:

产品主要技术参数 Technical specification

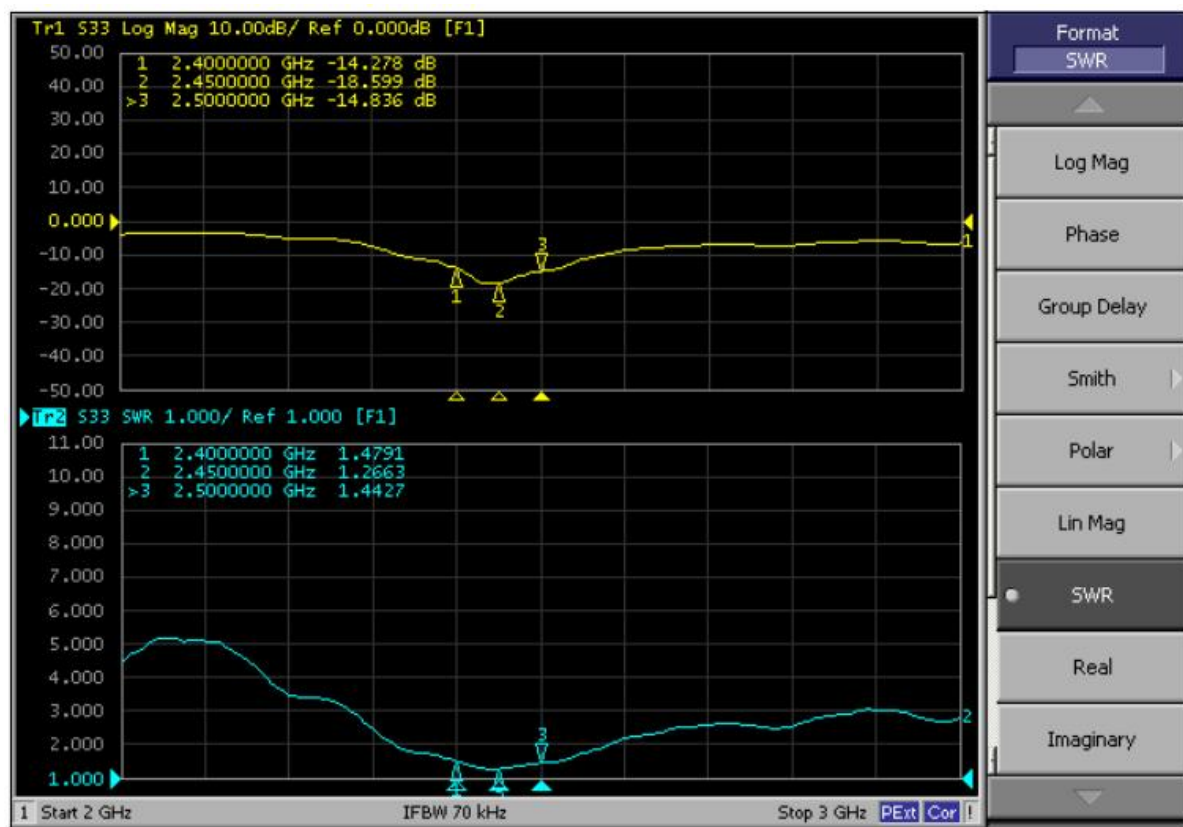
主要技术指标 technical index		Main technical specifications	
频率范围 frequency domain (MHZ)	2400~2500	Frequency Range (MHZ)	2400~2500
特性阻抗 characteristic impedance (Ω)	5	Impedance(Ω)	5
峰值增益 peak gain (dBi)	≤2.54	Peak Gain(dBi)	≤2.54
输出电压 驻波比 VSWR	≤2	VSWR	≤2
极化方式 polarization	线极化 linear polarization	Polarization	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	-25℃~+85℃	Operating Temp	-25℃~+85℃
保存温度	-30℃~+90℃	Storage Temp	-30℃~+90℃

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

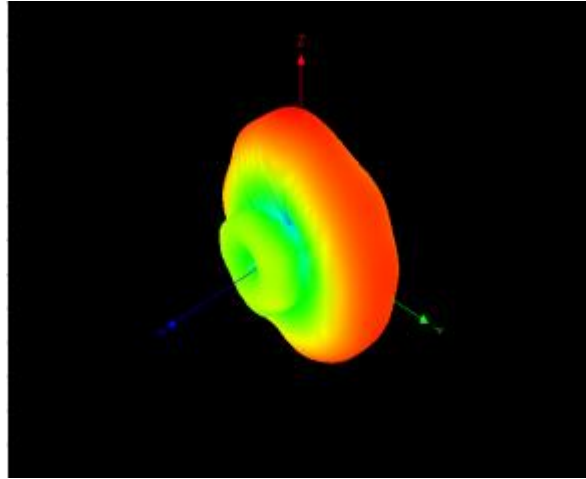


3.2: 2D、3D Raditation Pattern(整机数据 complete machine data)

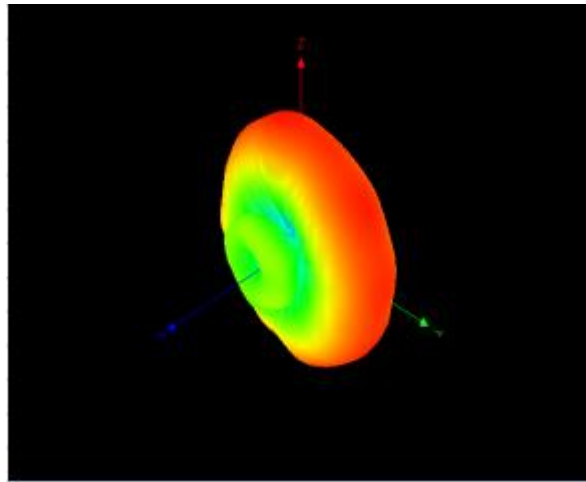
3.2.1 效率及增益 Efficiency post gain

Frequency (MHz)	Efficiency (%)	Peak Gain / dB
2400	73.6	2.49
2450	76.2	2.54
2500	75.7	2.50

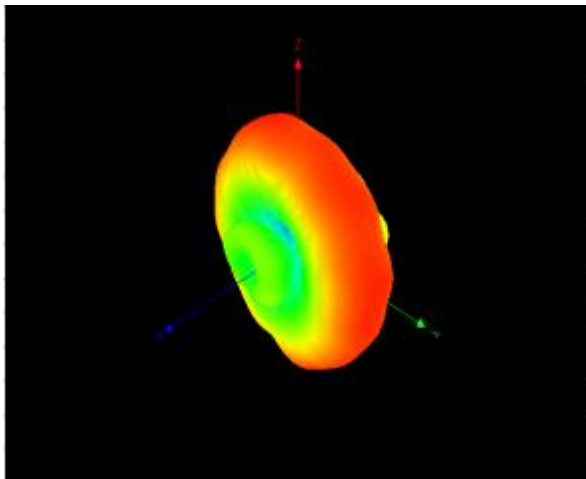
3.2.2 2D/3D Figure



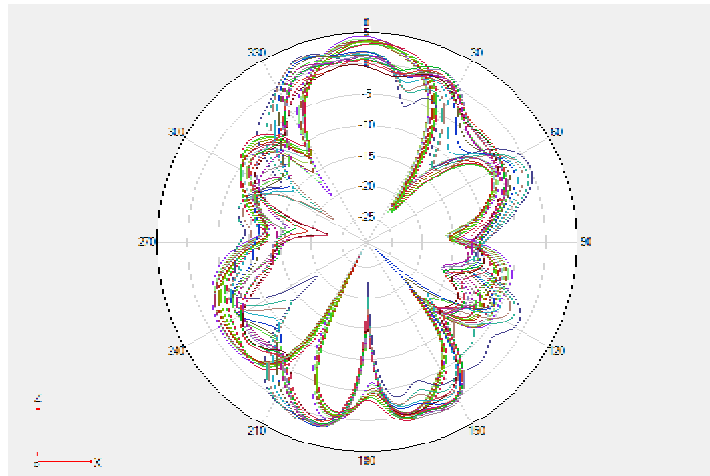
2400MHz



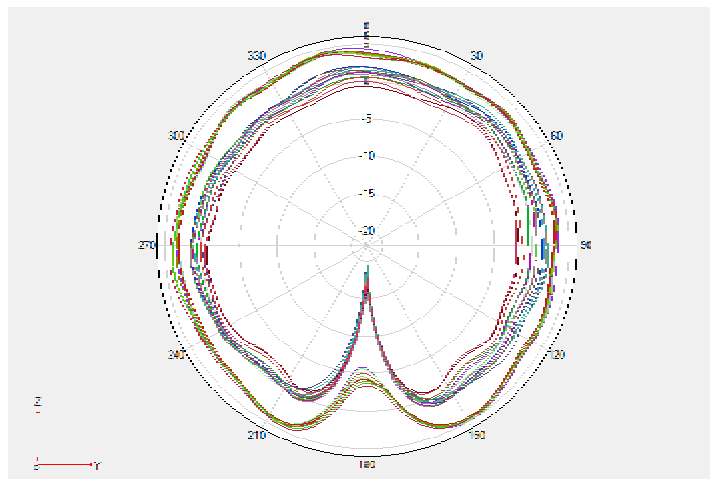
2450MHz



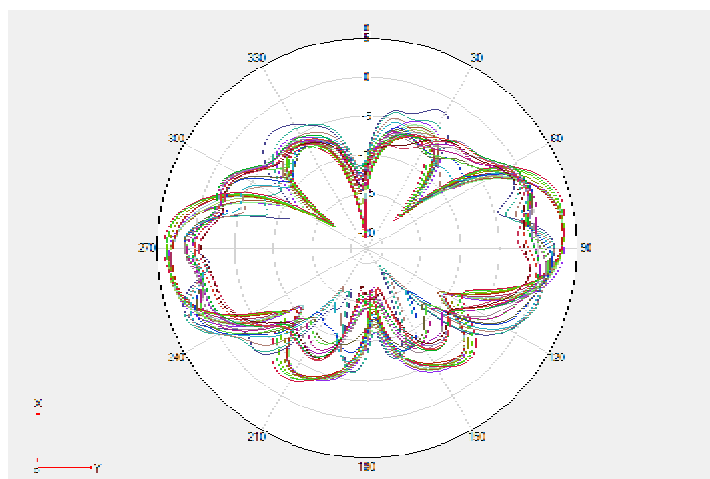
2500MHz



Phi 0 2D Figure



Phi 90 2D Figure



Theta 90 2D Figure