

SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

PRODUCT NAME: 2.4G 2.36dBi FPC L=100mm+

CUSTOMER P/N:

ZLYD P/N: Z2C100W2D240A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	 Victor	
APPROVED BY:	工程专用章	
DATE:	2023-3-15	

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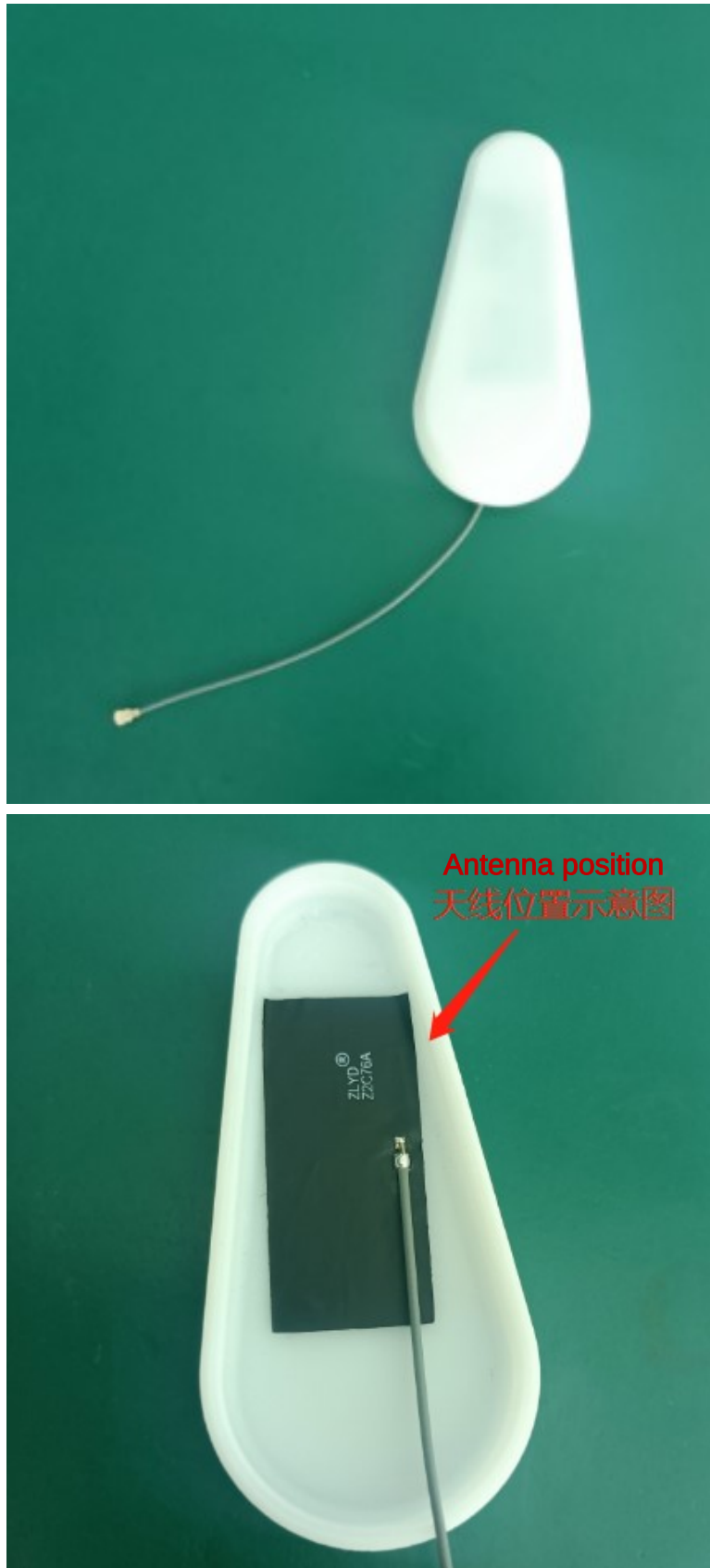
1. Change your resume

Ver	Date	Change log
A	2023-3-15	Initial release

2. Specification sheet

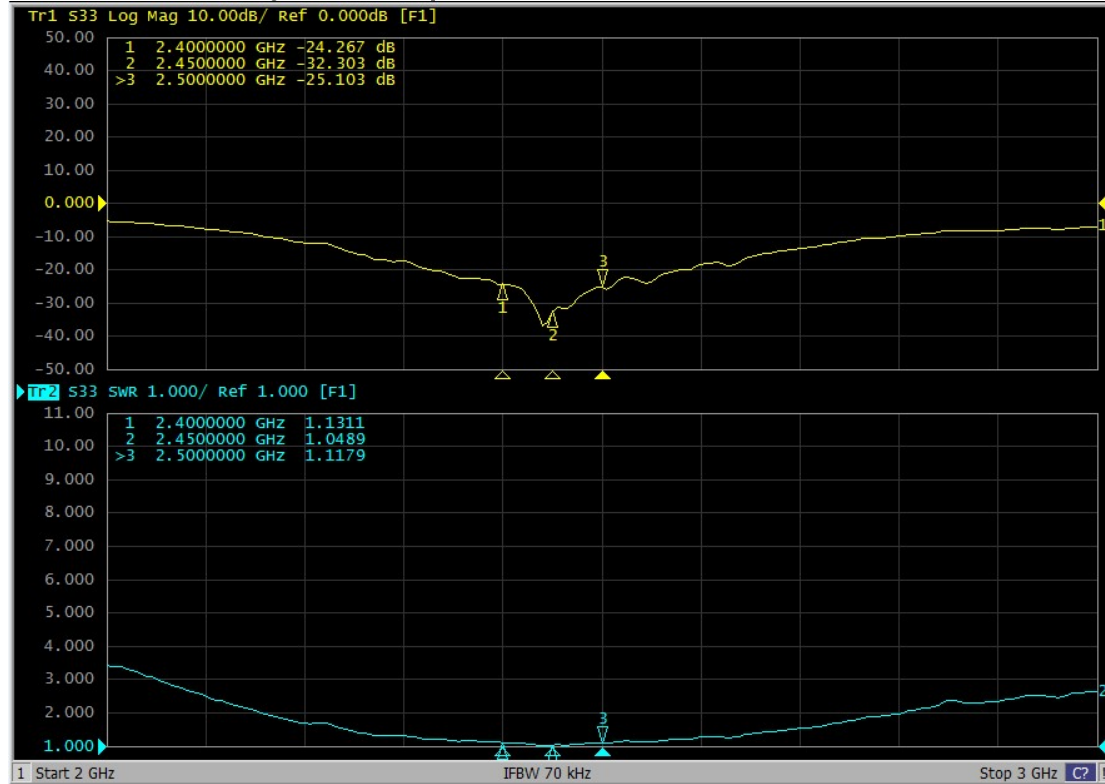
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500	Frequency Range (MHZ)	2400-2500
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	2.36	Peak Gain(dBi)	2.36
输出电压 驻波比	≤ 2	VSWR	≤ 2
极化方式	垂直极化	Polarization	Linear, Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	IPEX	Connector Type	IPEX
物理性能		Physical Properties	
天线外套材料	ABS	Antenna cover	ABS
工作温度	-20℃~+70℃	Operating Temp	-20℃~+70℃
保存温度	-20℃~+70℃	Storage Temp	-20℃~+70℃

3. Product picture and antenna position



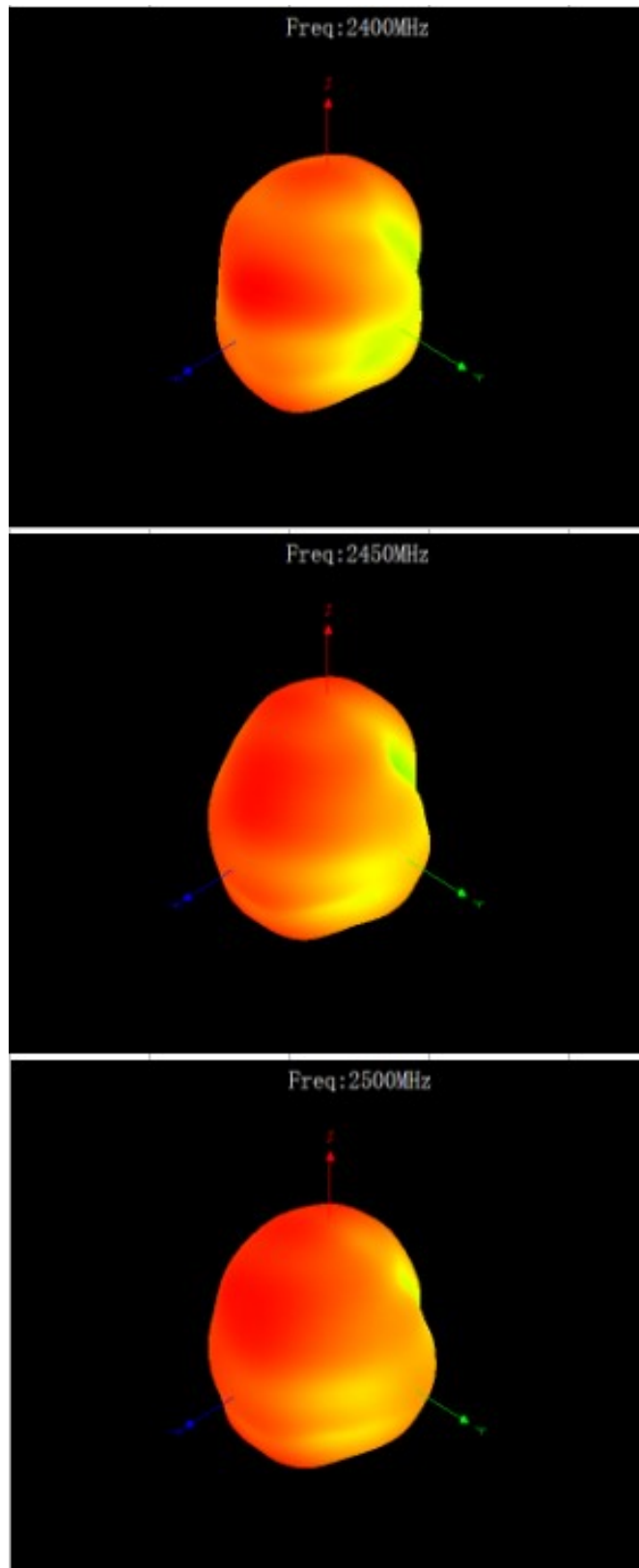
4. Test report

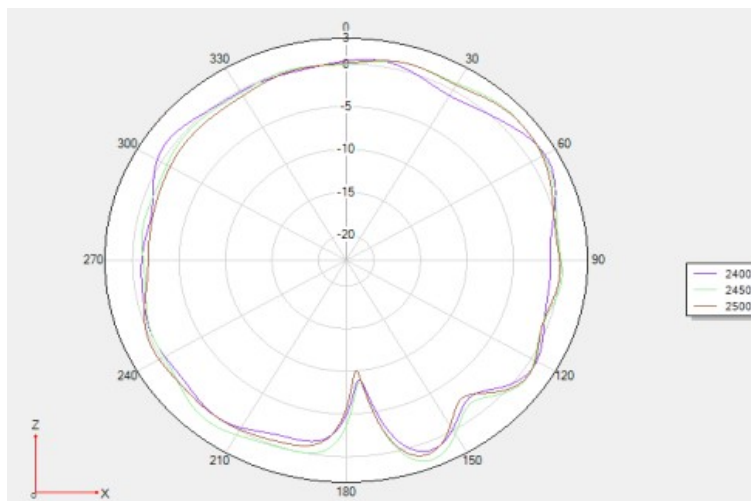
4.1 : Network analyzer test report



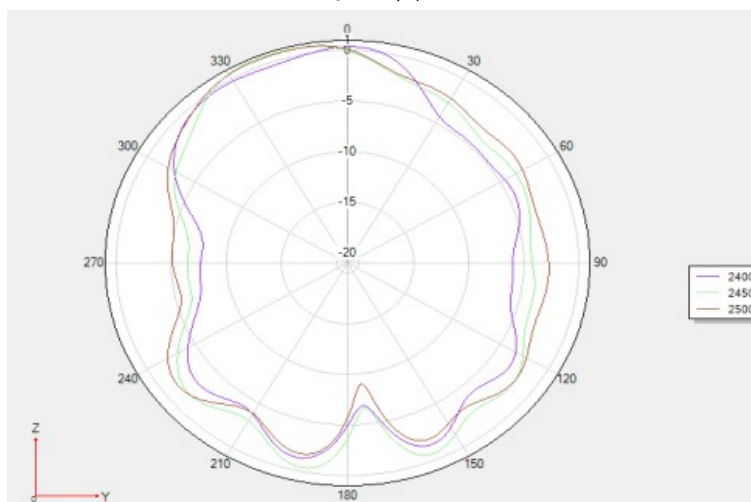
4.2: Antenna gain and efficiency

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	2.21	72.26
2450	2.36	75.71
2500	2.15	74.35

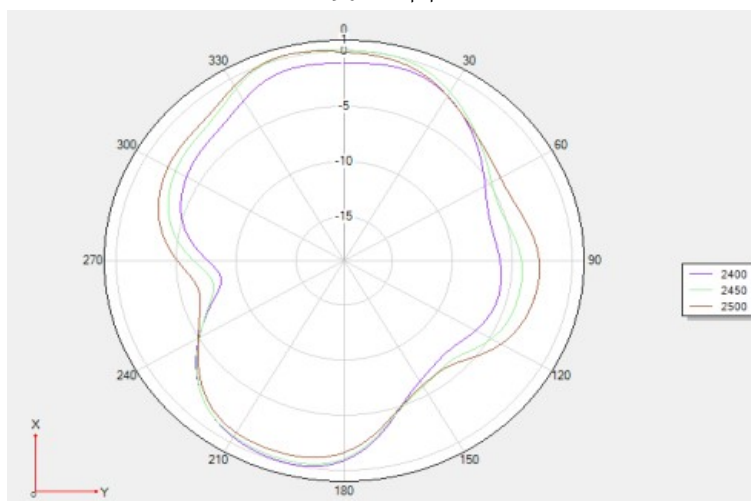
4.3: 2D、3D Raditation Pattern



Phi 0 2D 图



Phi 90 2D 图



Theta 90 2D 图