

产 品 技 术 规 格 书

SPECIFICATION

产品型号 PART NO: A36

Manufacturer: ZHEJIANG DALI TECHNOLOGY CO., LTD

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RoHS Compliant Parts

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产品规格书版本更改记录

Version rejigger track record

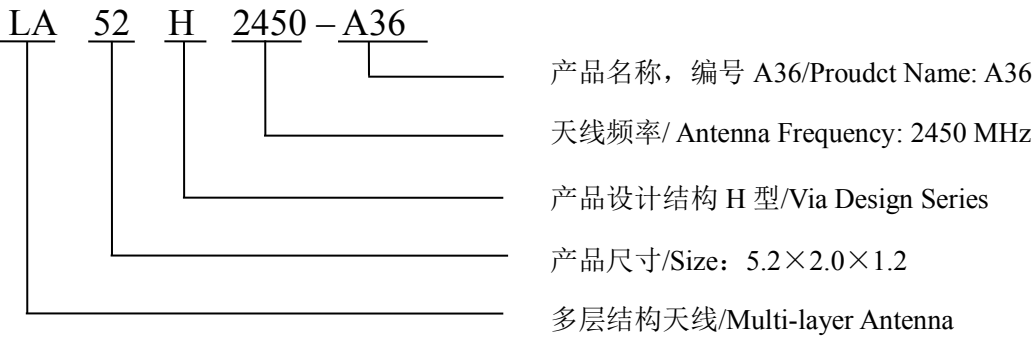
版本号 Version	更改记录 Rejigger	拟制 Prepared	批准 Approve	日期 Date
备注： 1、更改产品电性能指标时，版本号需更换（V1.0 换为 V2.0、V3.0……）； 2、更改产品测试方法（包括可靠性测试条件），或更改使用条件时，当前版本号加系列（V1.0 换为 V1.1、V1.2……）。				

1. 概述 INTRODUCTION

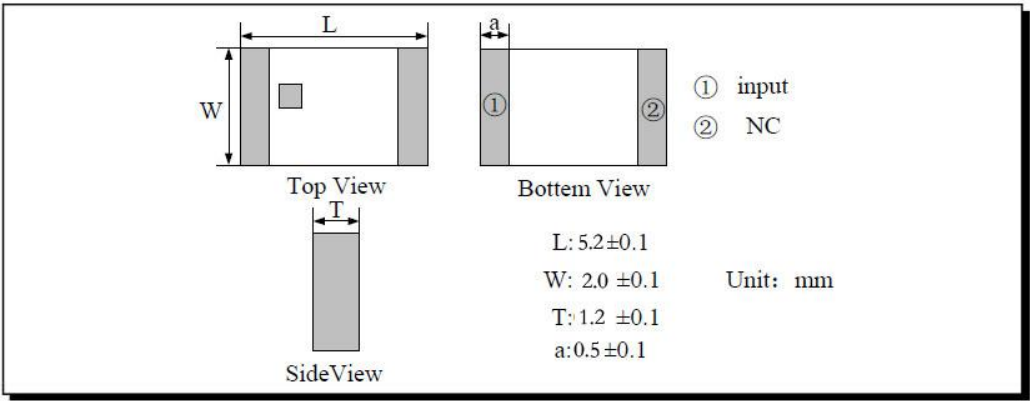
微波多层陶瓷天线 LA 系列产品设计用于 WLAN、WiFi、蓝牙、PHS，手机多频天线, FM 等小体积 SMD 片式设计。

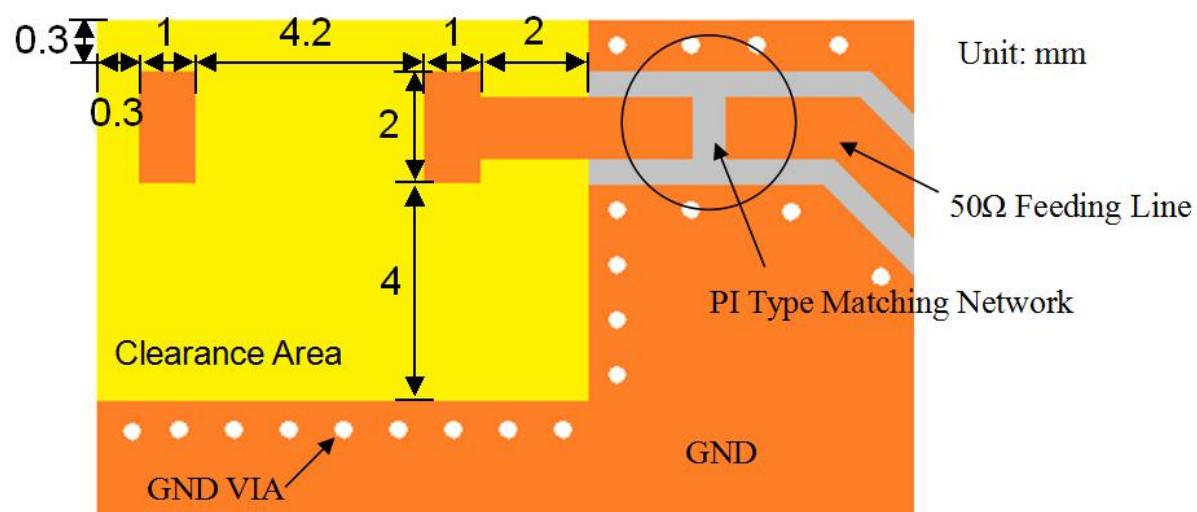
Microwave Multi-Layer Ceramic Antenna LA series are designed to be used in WLAN、WiFi、Bluetooth、PHS、 Multiple-band Mobile phone antenna, FM, etc and compact size SMD chip design.

2. 型号 Part Number



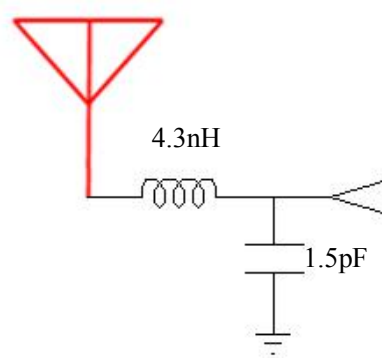
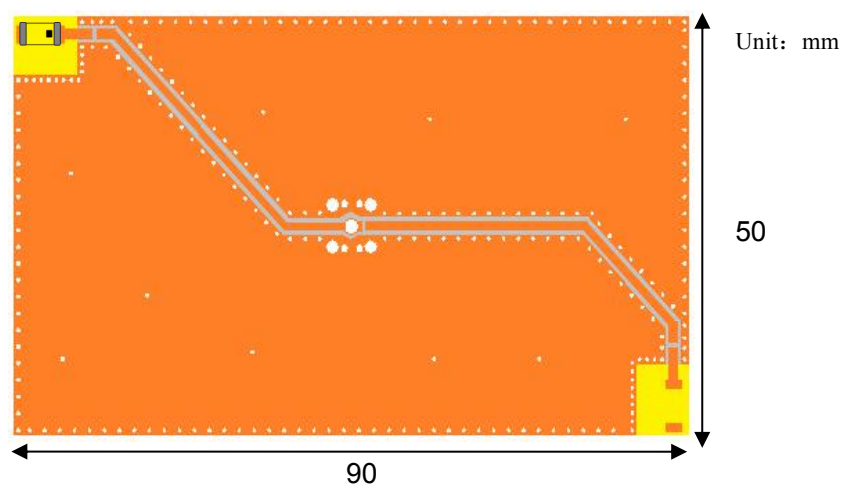
3.外型尺寸及测试板焊盘尺寸 Dimensions (Unit: mm)





4. 测试电路和匹配电路

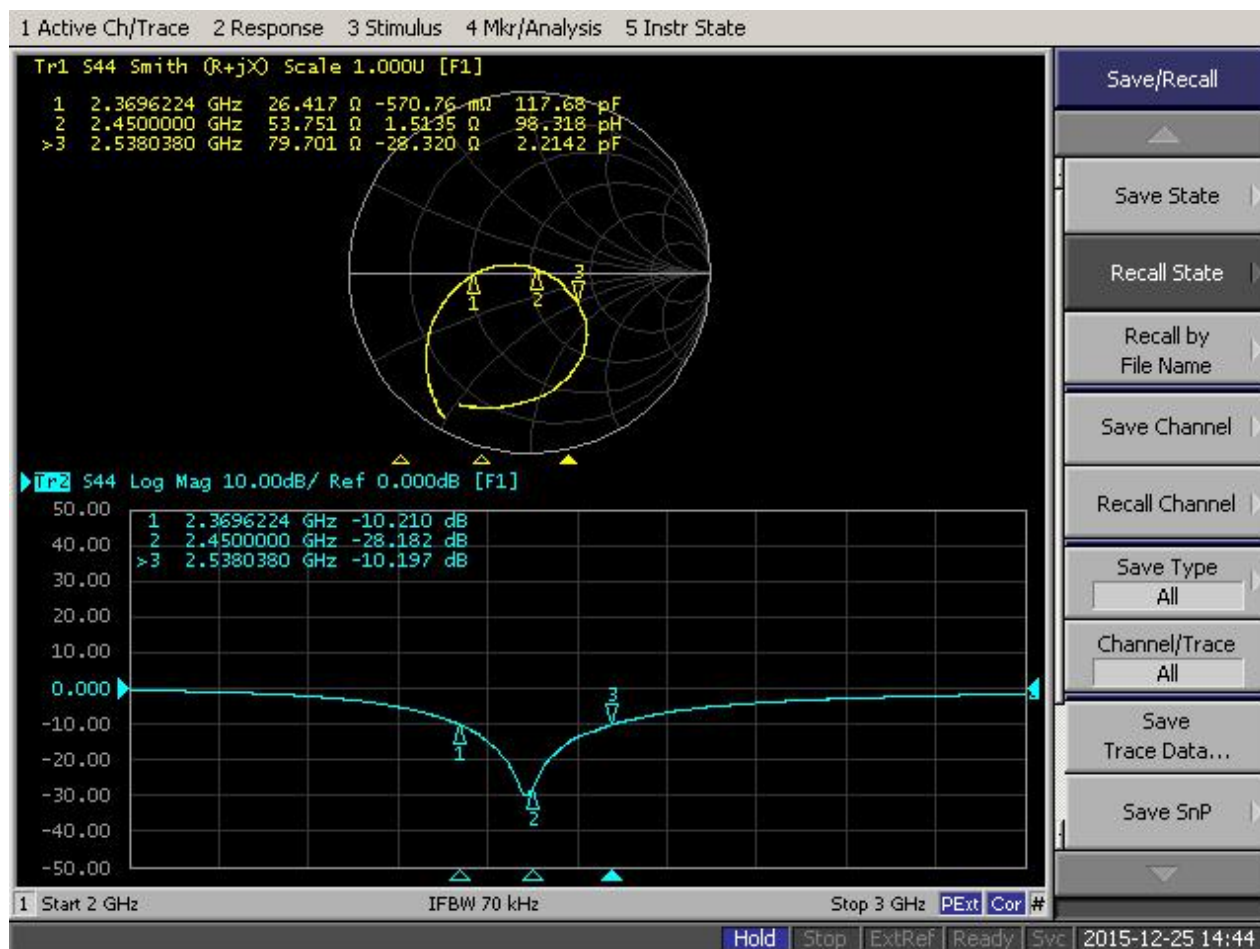
Evaluation Board and Matching Circuits



5. 电气性能 Electrical Characteristics

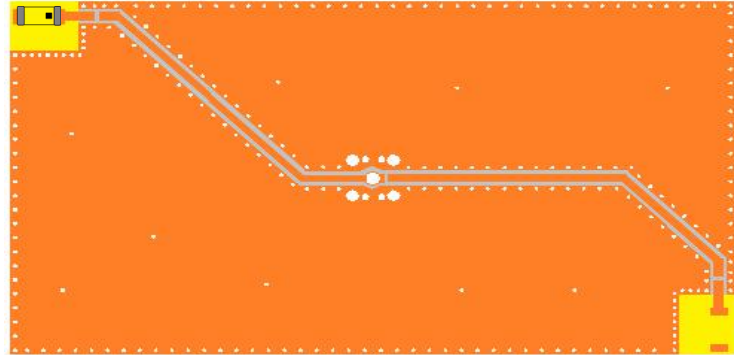
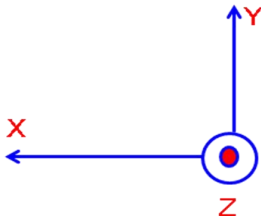
No.	Item (项目)	Specifications (特性)
5.1	Working Central Frequency 中心工作频率	2450 MHz
5.2	Band Width 通带宽度	100MHz typ.
5.3	Peak Gain 峰值增益	4.97 dBi
5.4	V.S.W.R 驻波比	≤ 2.0
5.5	Polarization 极化方式	Linear 线性
5.6	Azimuth Beam width 方位角	Omni-directional 全向
5.7	Impedance 阻抗	50 Ω

6. 特性曲线 Characteristic curve

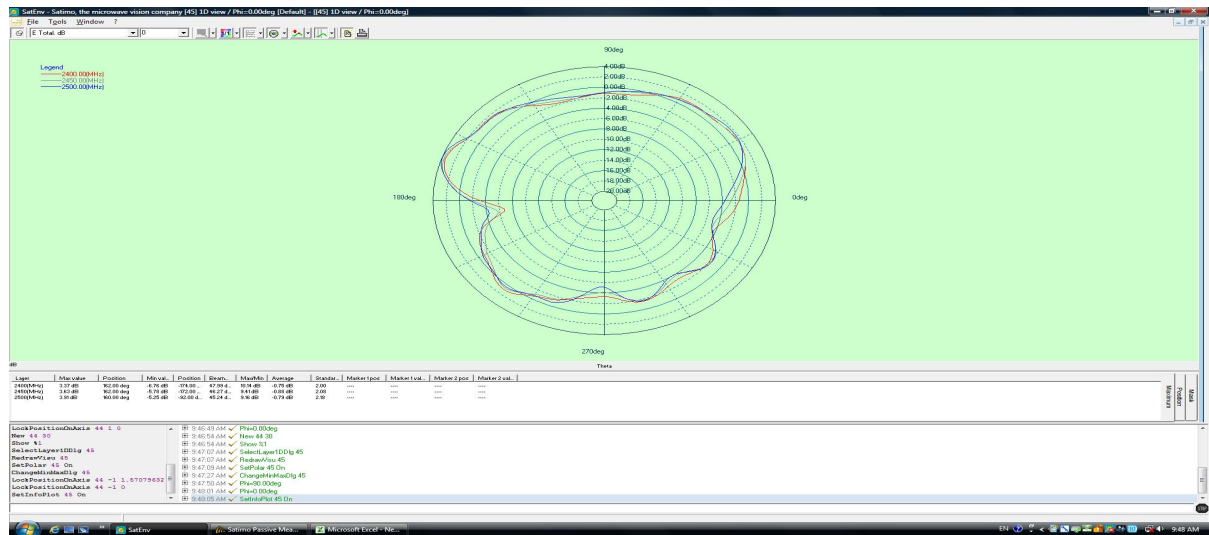


7. 方向图及效率 Radiation Pattern & Efficiency

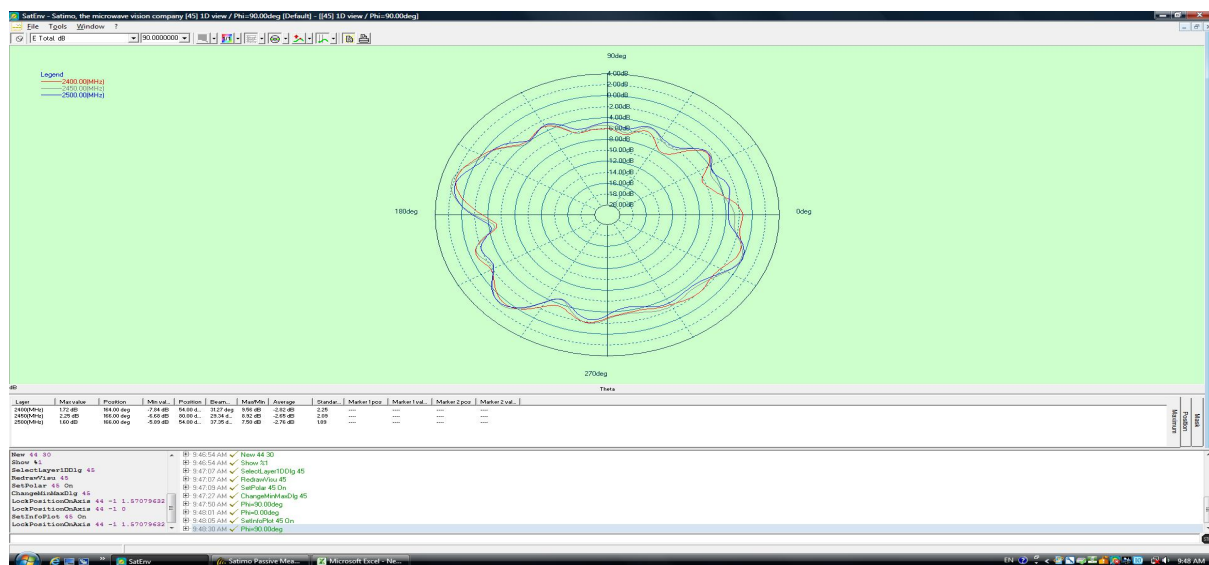
coordinates:



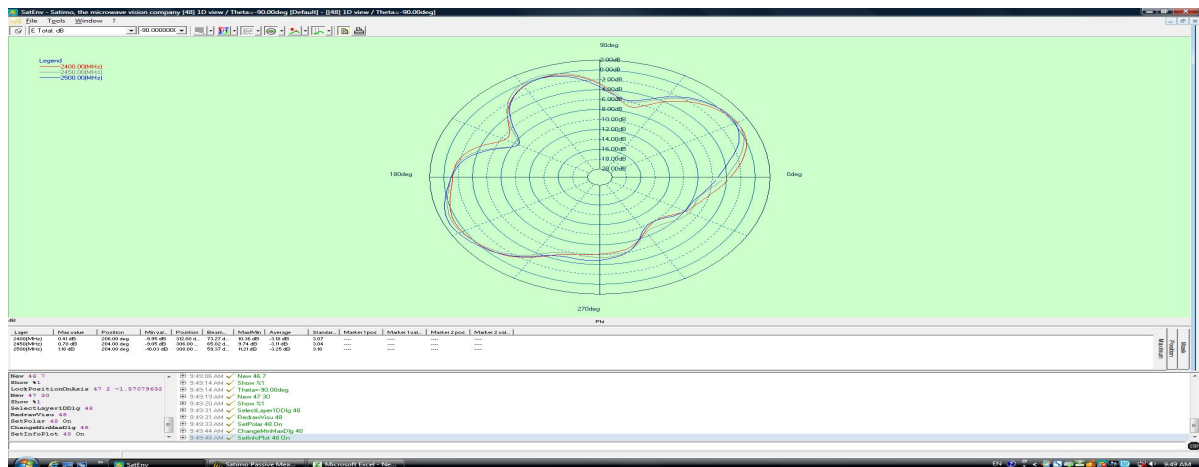
X-Z Plane Plane



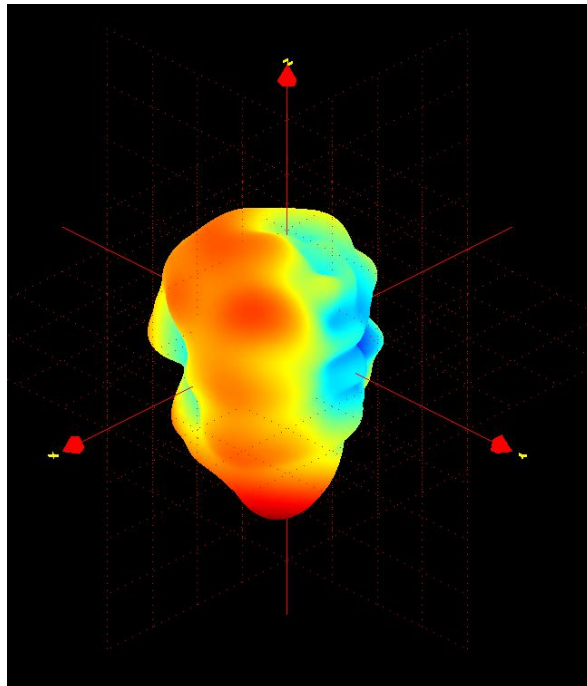
Y-Z Plane



X-Y Plane



3D Radiation Pattern



Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	-0.75	-0.79	-0.88
Peck Gain (dBi)	4.52	4.97	4.85
Efficiency (%)	70.2	71.1	71.2