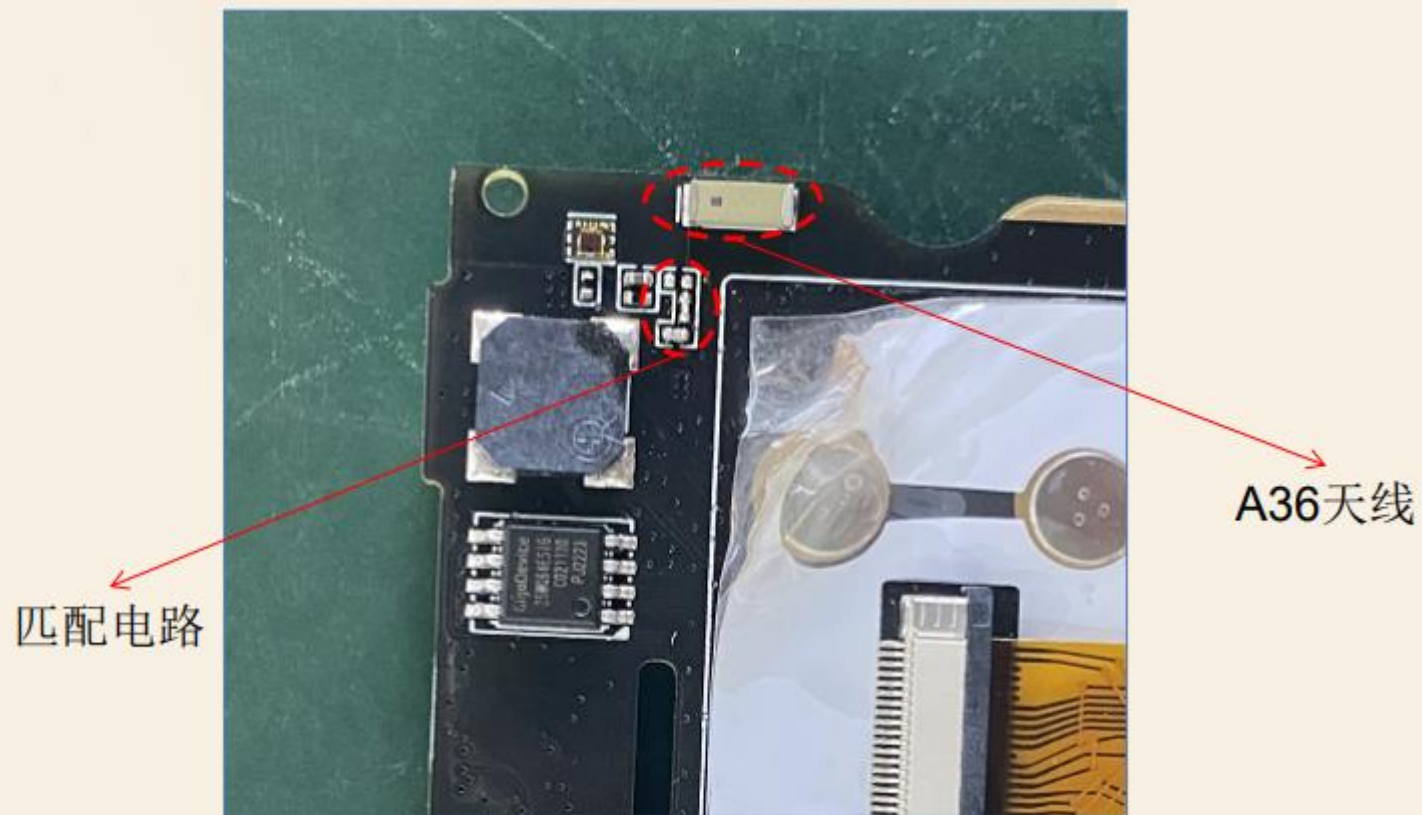


# T7 蓝牙天线测试报告for 上海鼎为

- 客户名称: 上海鼎为。
- 专案名称:
- 芯片名称:
- 产品应用:
- 佳利料号: A36
- 测试仪器: 网分, 微波暗室。
- 案件描述: A36天线在客户样机上的配机与场型测试。



## Test Board



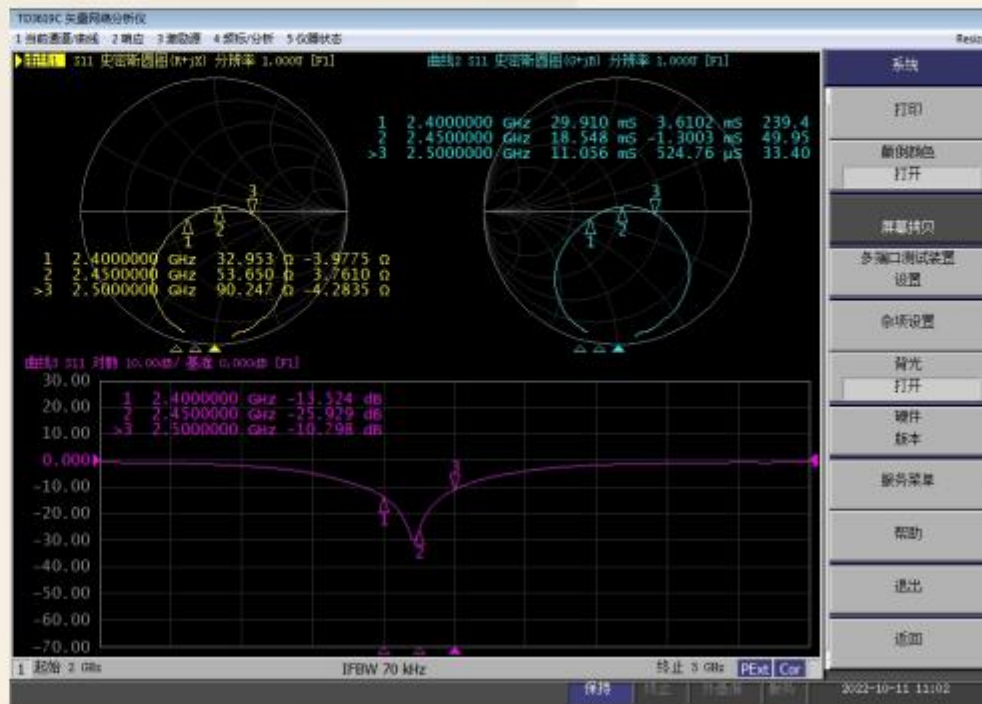
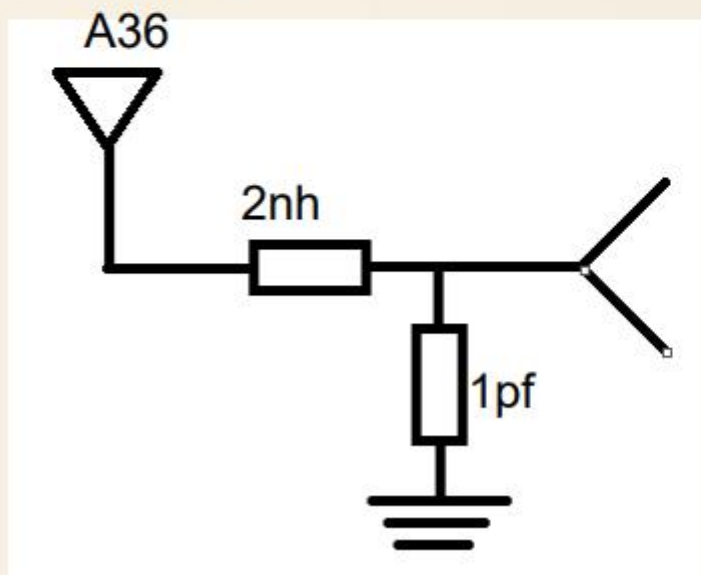
## A36 Antenna S-parameters

### Return Loss

### Matching Circuit

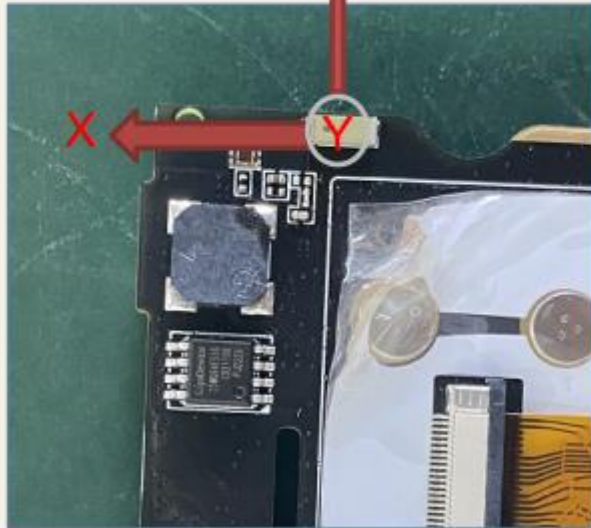
FPC Antenna

RF circuit



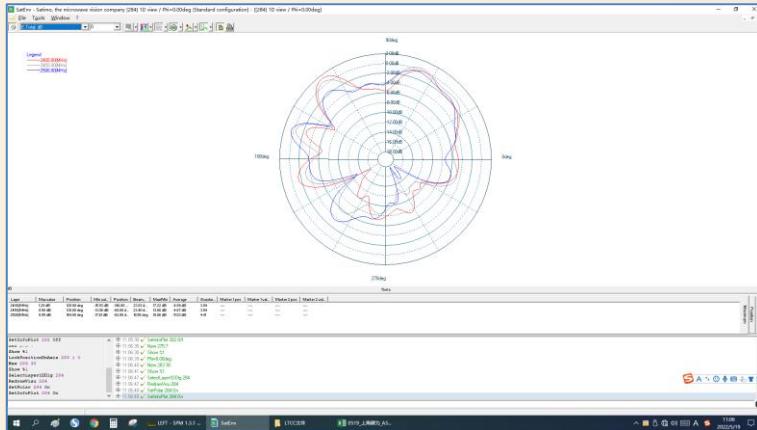
## Antenna pattern test

### 1、Antenna pattern

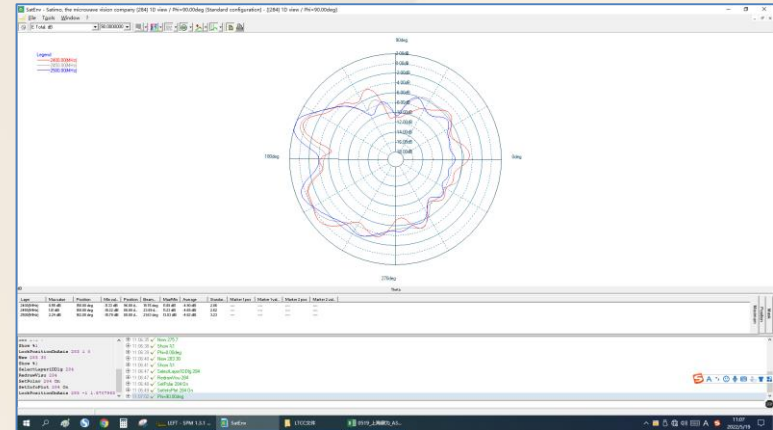


## Antenna pattern test(Left)

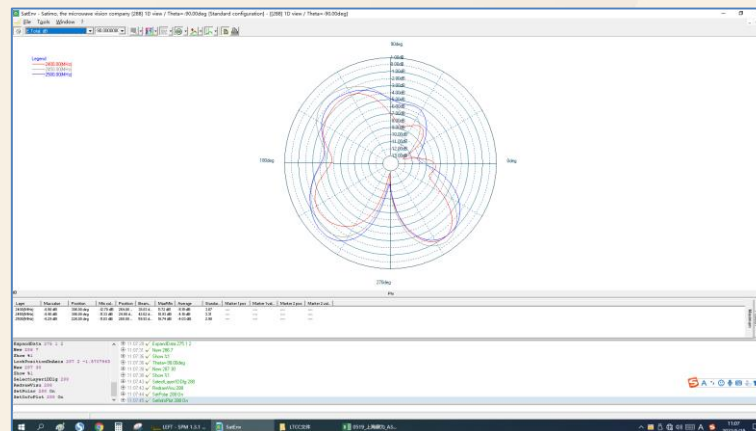
### 2、Antenna test data graphic



X-Z Plane Plane

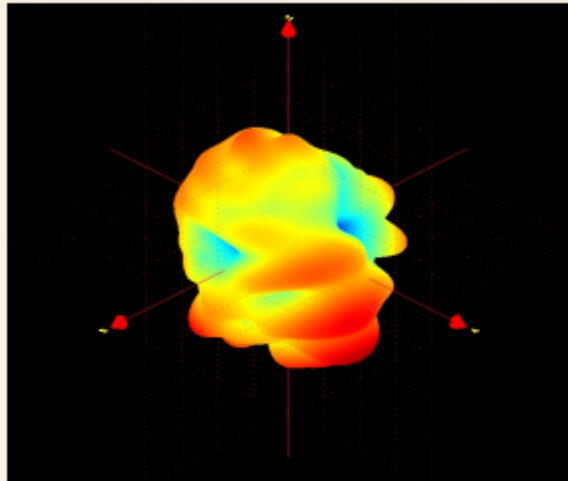


Y-Z Plane Plane

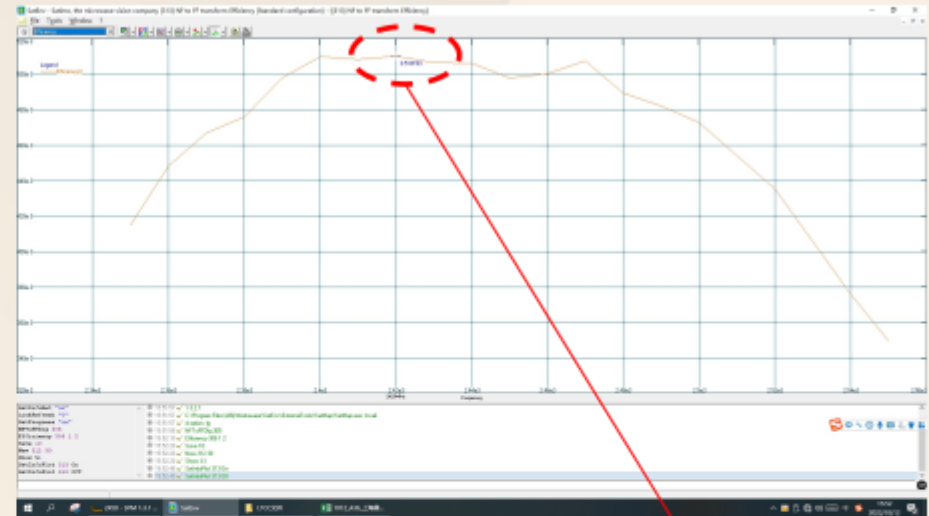


X-Y Plane Plane

## A36 Antenna measured data



3D Radiation Pattern



Efficiency 51%

| Frequency (MHz) | 2400 | 2450 | 2500 |
|-----------------|------|------|------|
| Peak Gain (dBi) | 2.3  | 2.1  | 1.3  |
| Avg. Gain (dBi) | -3.7 | -3.8 | -4.0 |
| Efficiency (%)  | 51   | 50   | 47   |

结论： 整体效率达到50%，效果良好