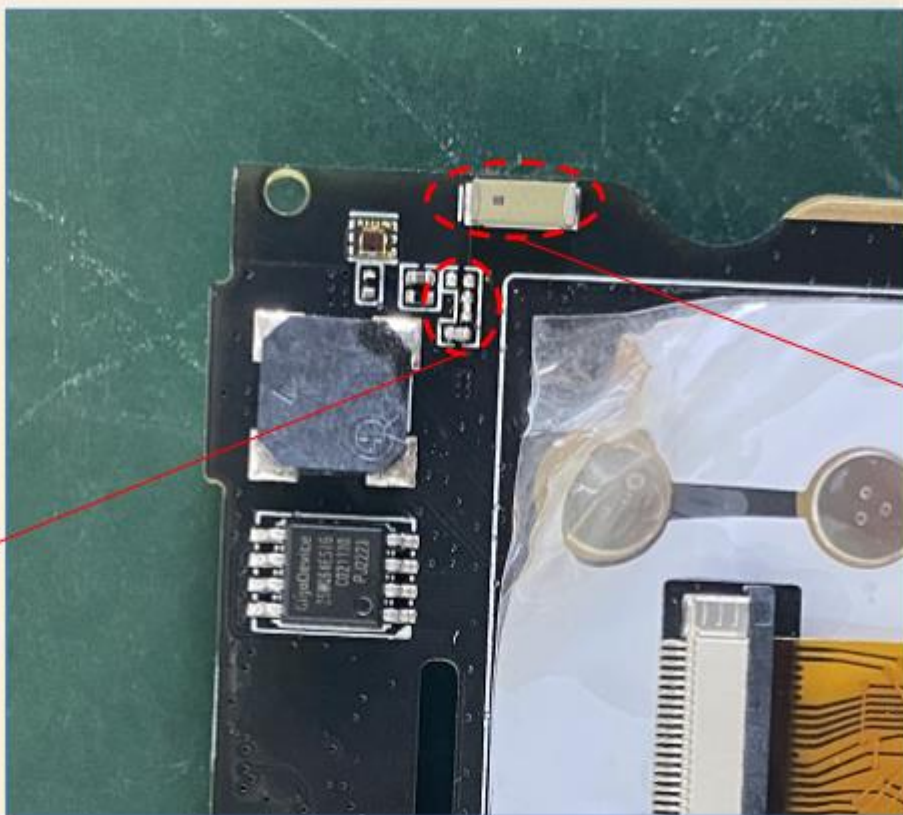


T7 蓝牙天线测试报告for
上海鼎为

- 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



匹配电路

A36天线

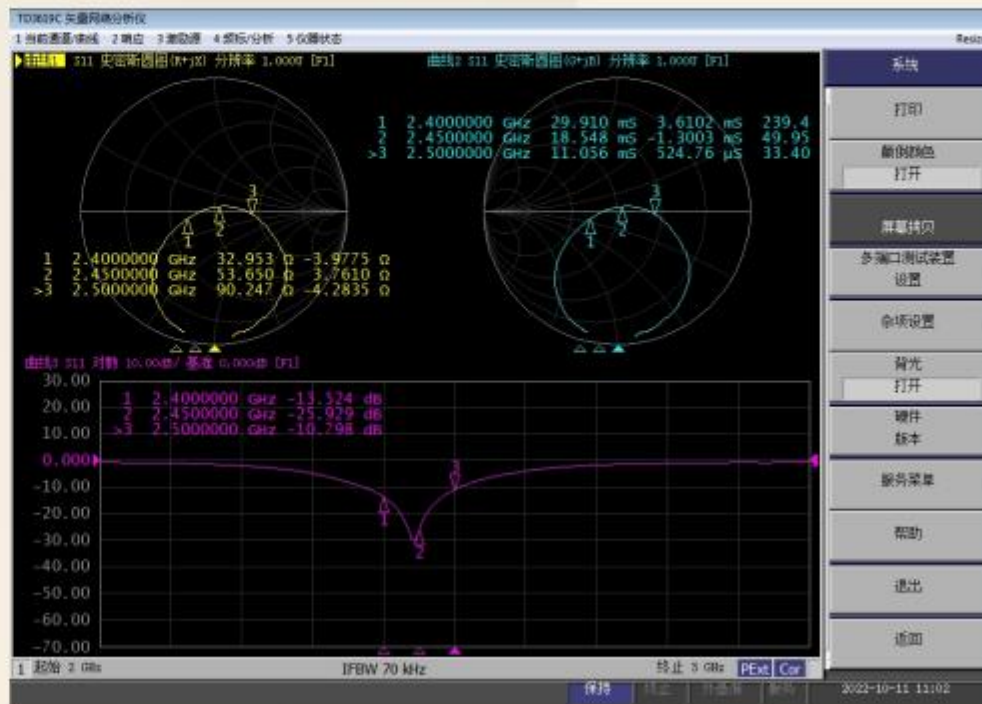
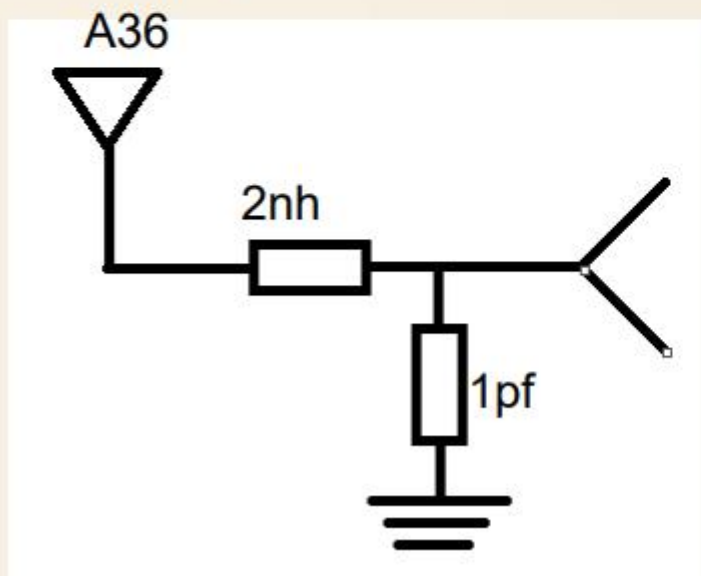
A36 Antenna S-parameters

Return Loss

Matching Circuit

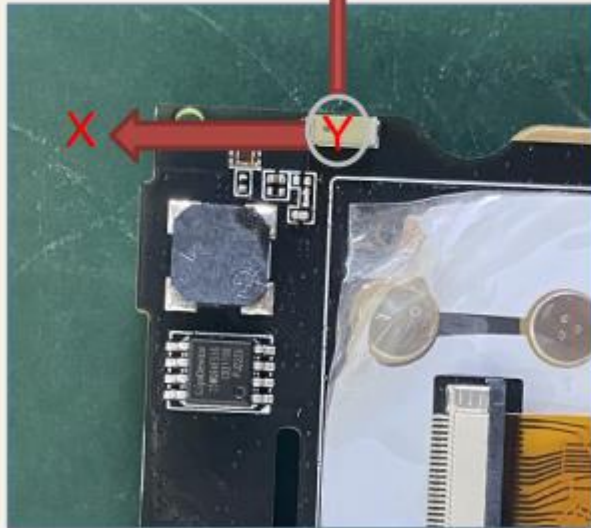
FPC Antenna

RF circuit



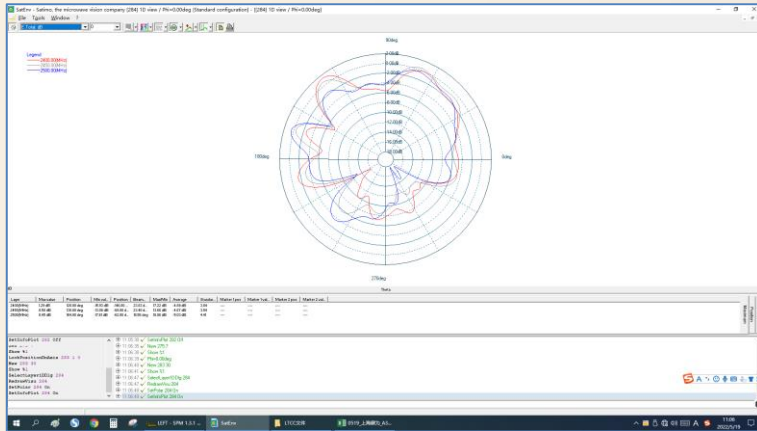
Antenna pattern test

1、Antenna pattern Z

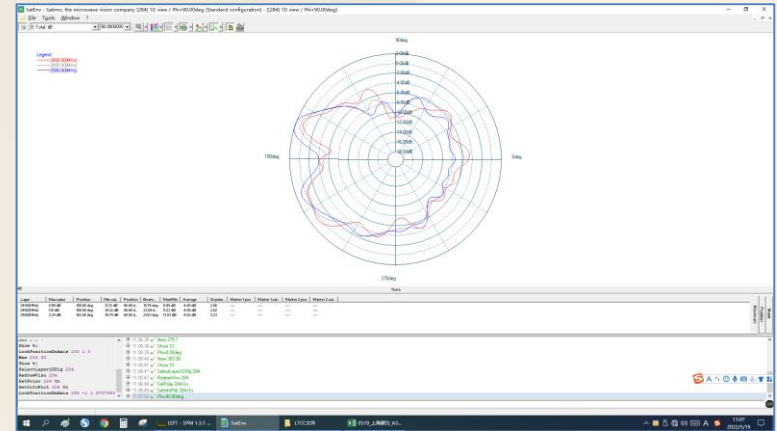


Antenna pattern test(Left)

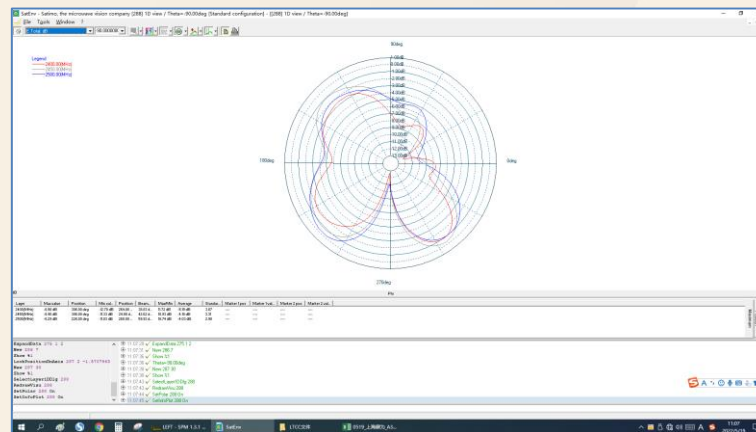
2、Antenna test data graphic



X-Z Plane Plane

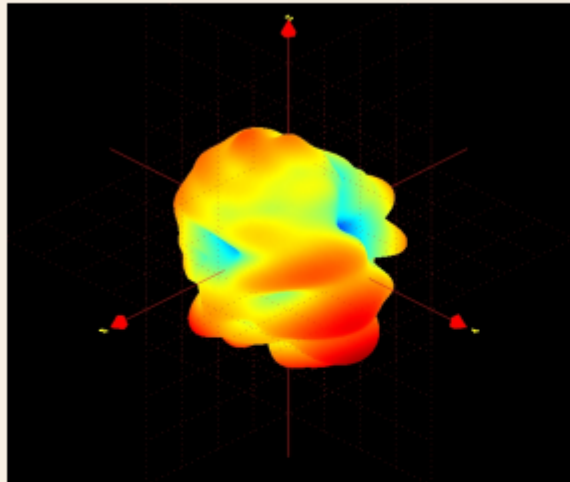


Y-Z Plane Plane

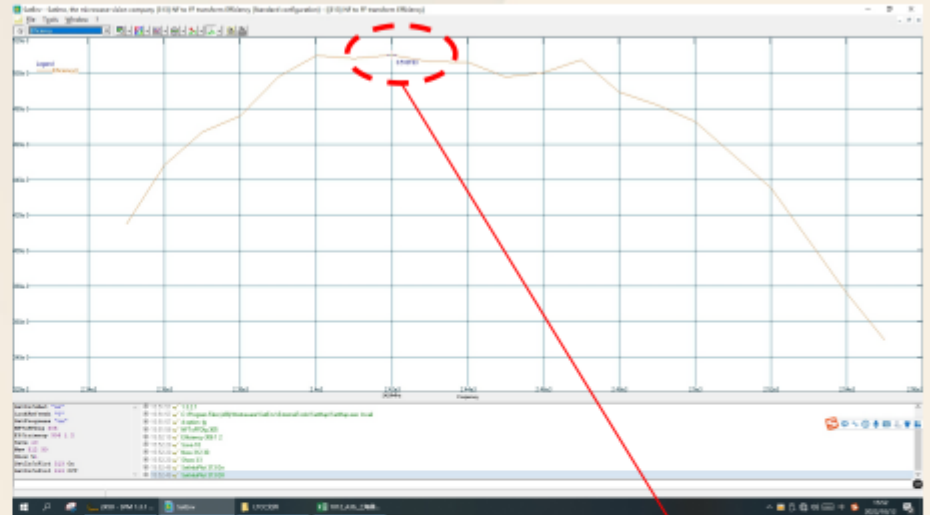


X-Y Plane Plane

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