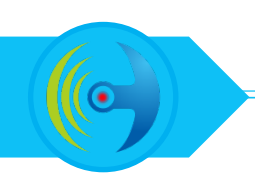


专业天线服务商

深圳市飞敏科技有限公司

SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



天线测试报告

Antenna test report

项目型号 XK-24

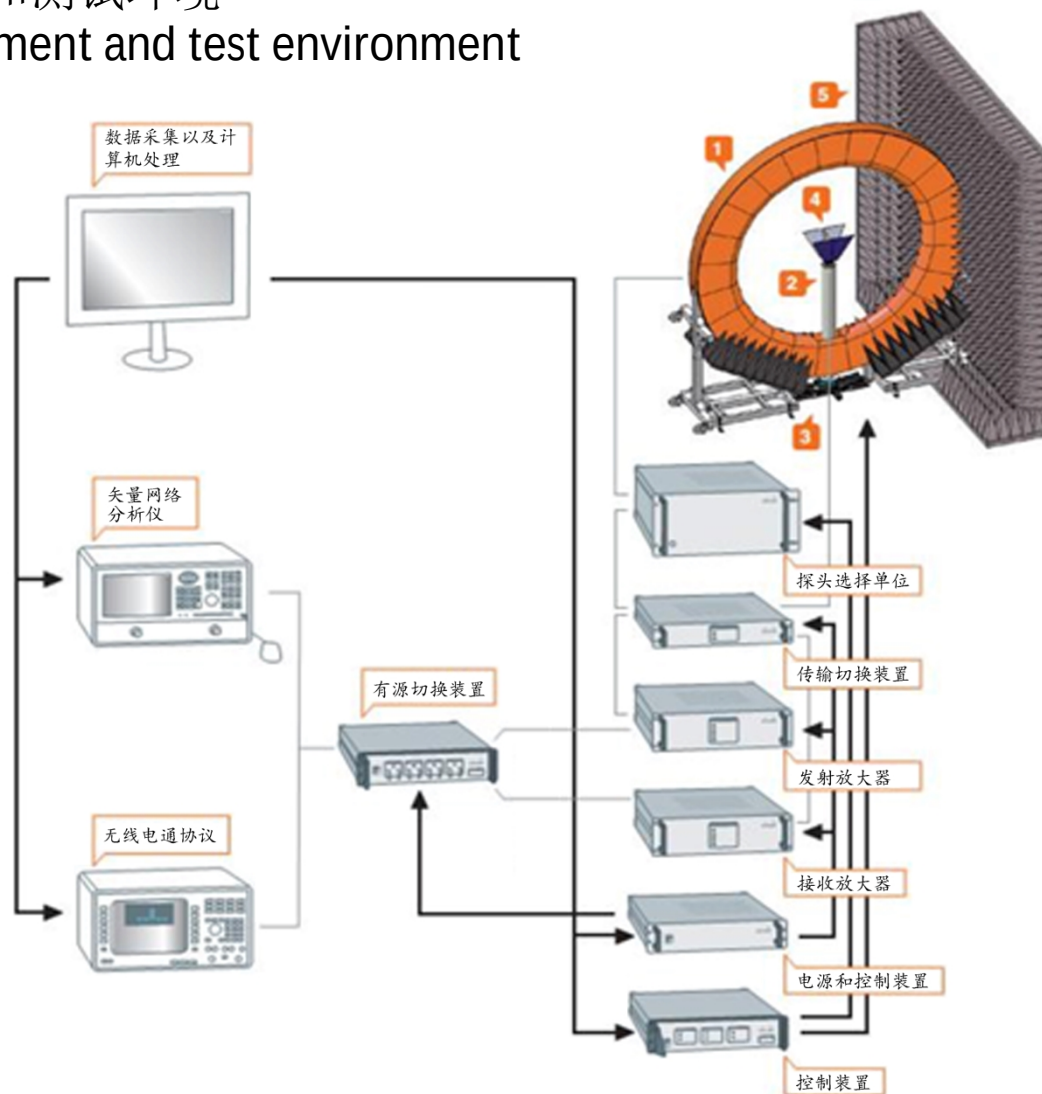
天线型号

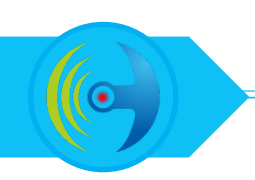
测 试 许高富

审 核 陈泽雄

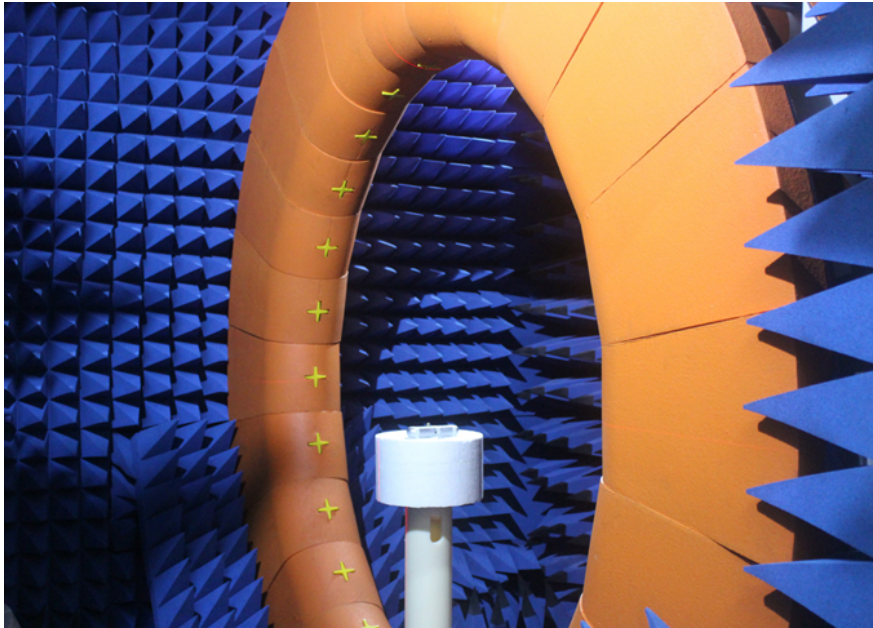


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室

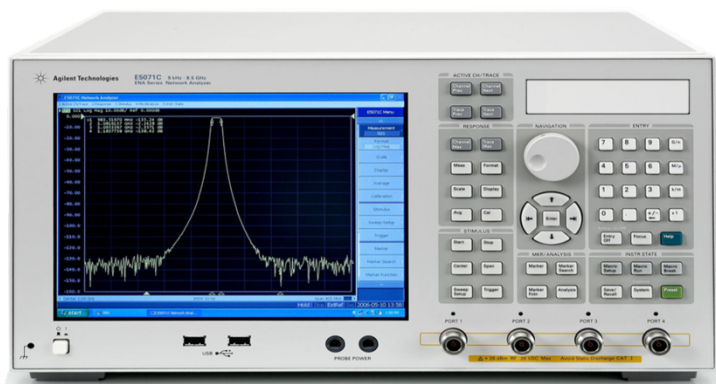
➤ 频率：0.4GHz至6GHz

主要测试指标

- ◆ 无源指标
- ◆ 增益
- ◆ 效率
- ◆ 3D方向图
- 有源指标
- TRP总辐射功率
- TIS总接收灵敏度



测试设备 Test equipment



Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz



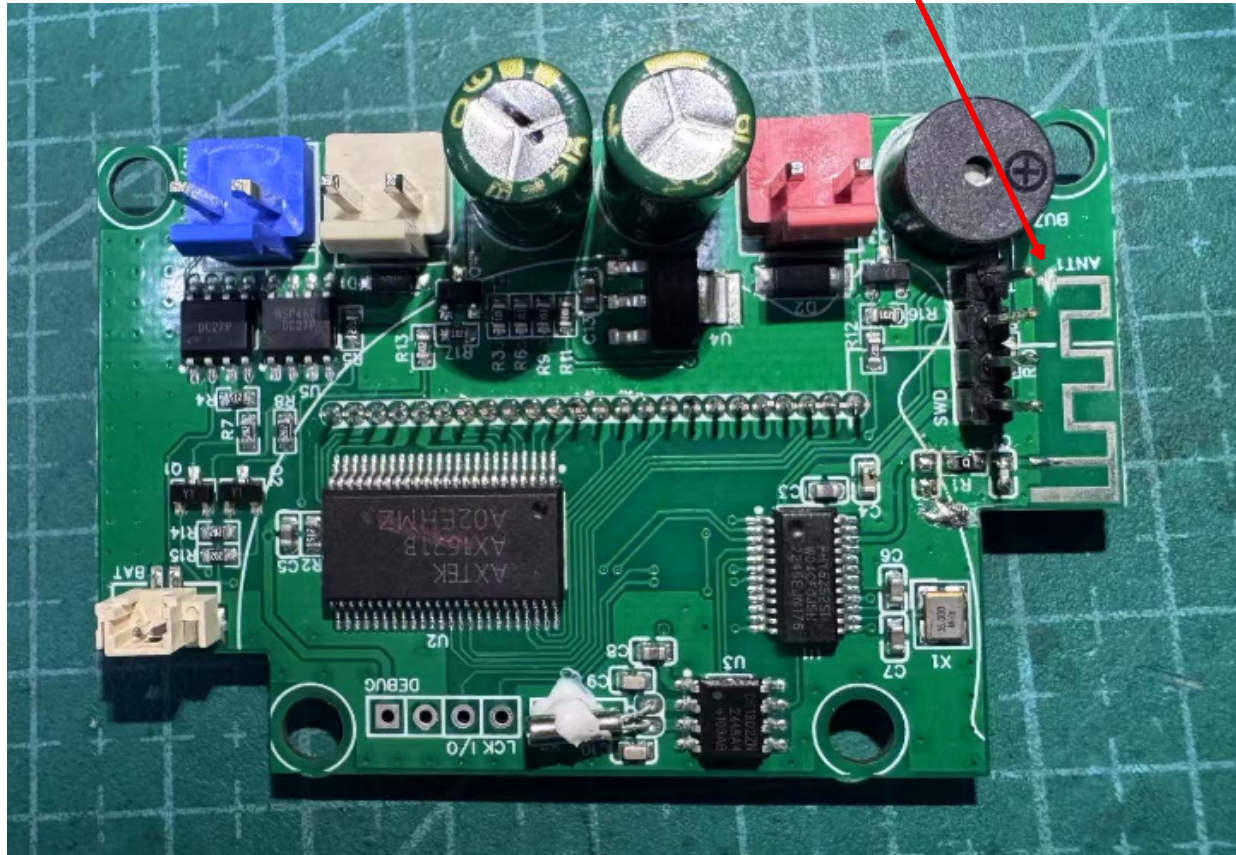
R&S CMW500 宽带无线通信测试仪

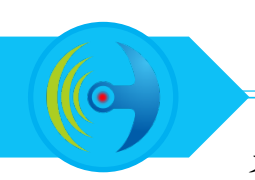
- GSM/3G/4G
- WIFI/ Bluetooth
- NB-IoT



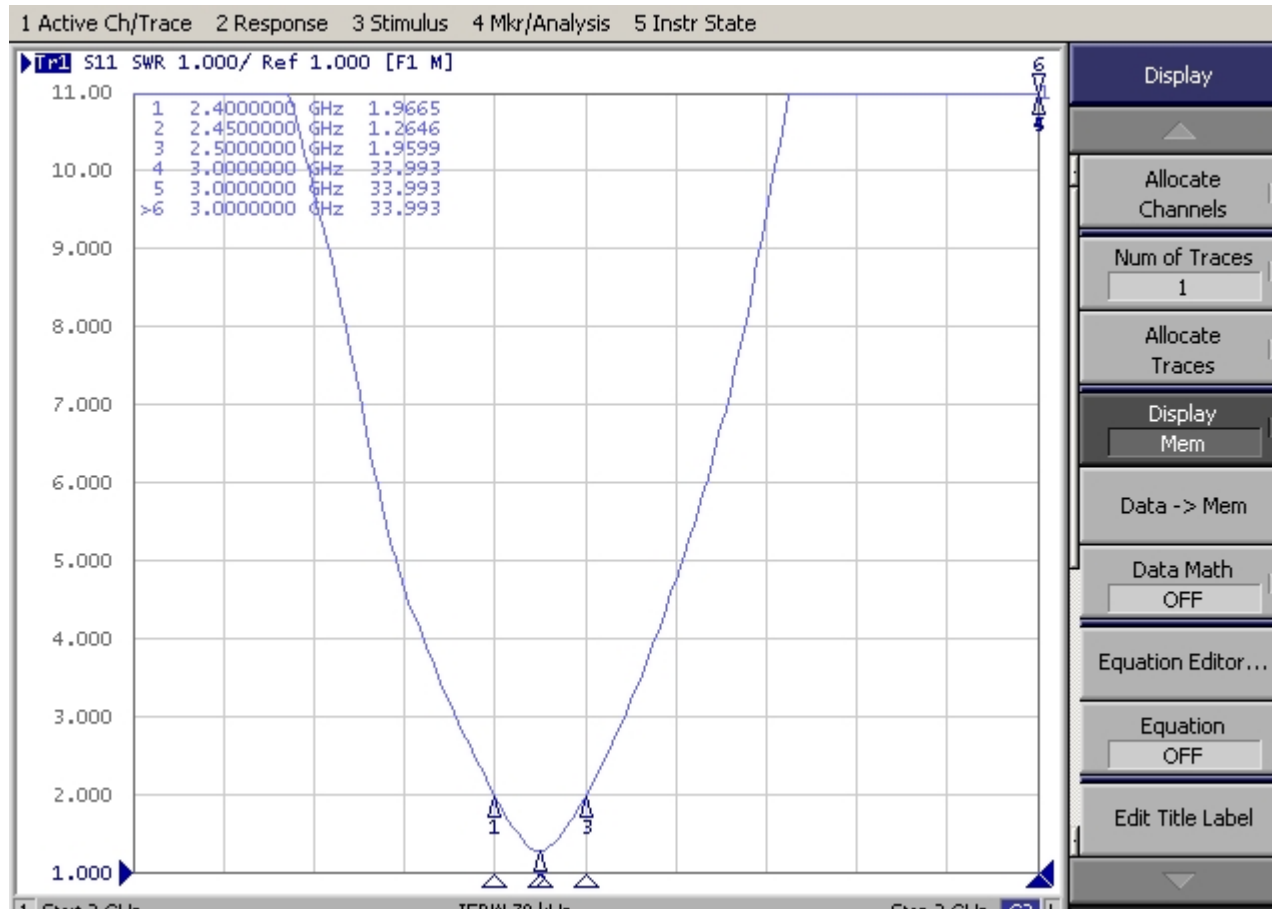
天线安装位置
Passive antenna data

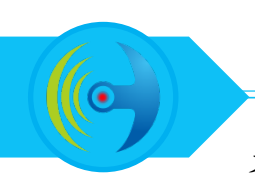
此处天线有裁剪



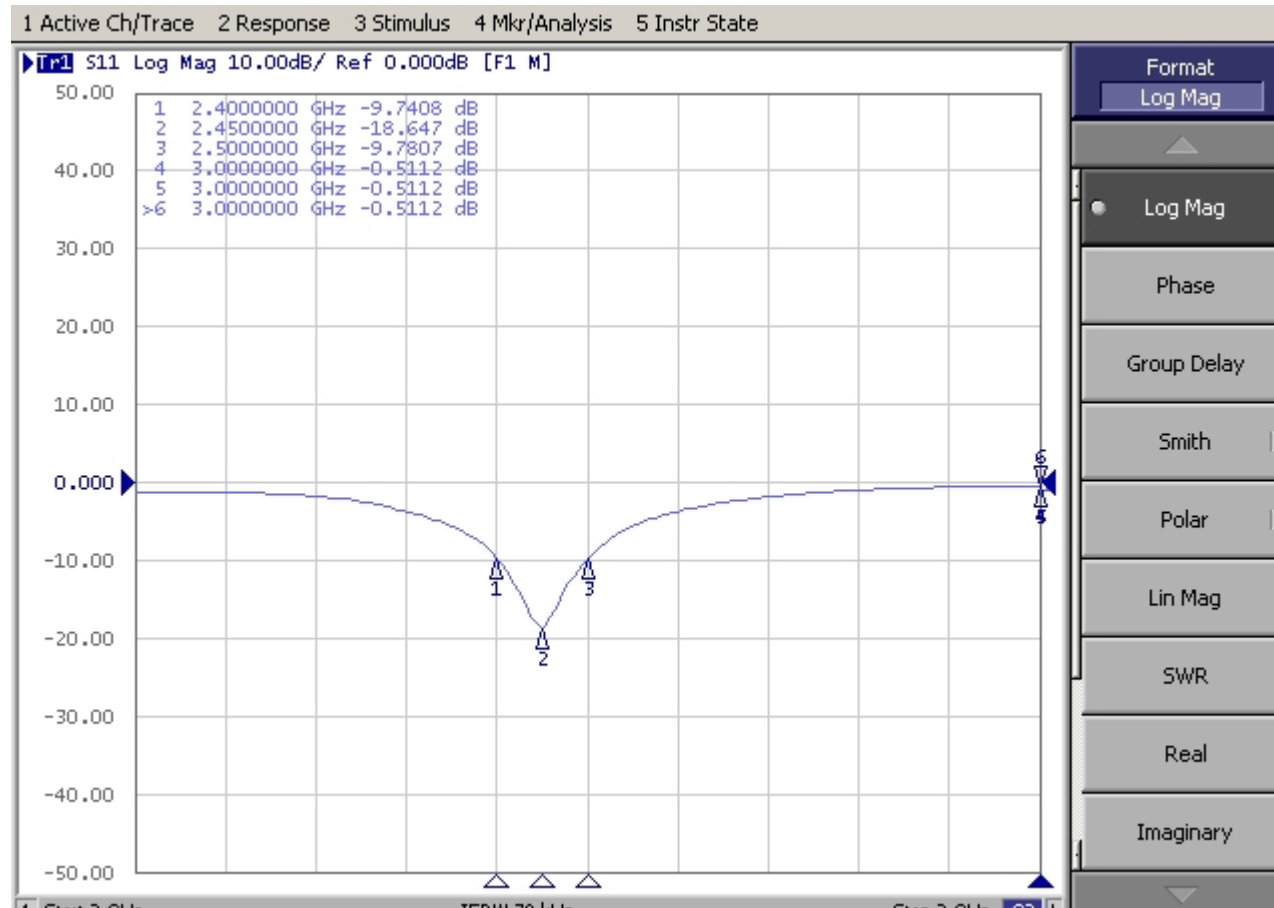


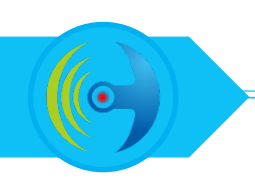
天线驻波比
Antenna SWR





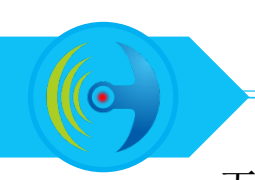
天线回波损耗
Antenna Return loss



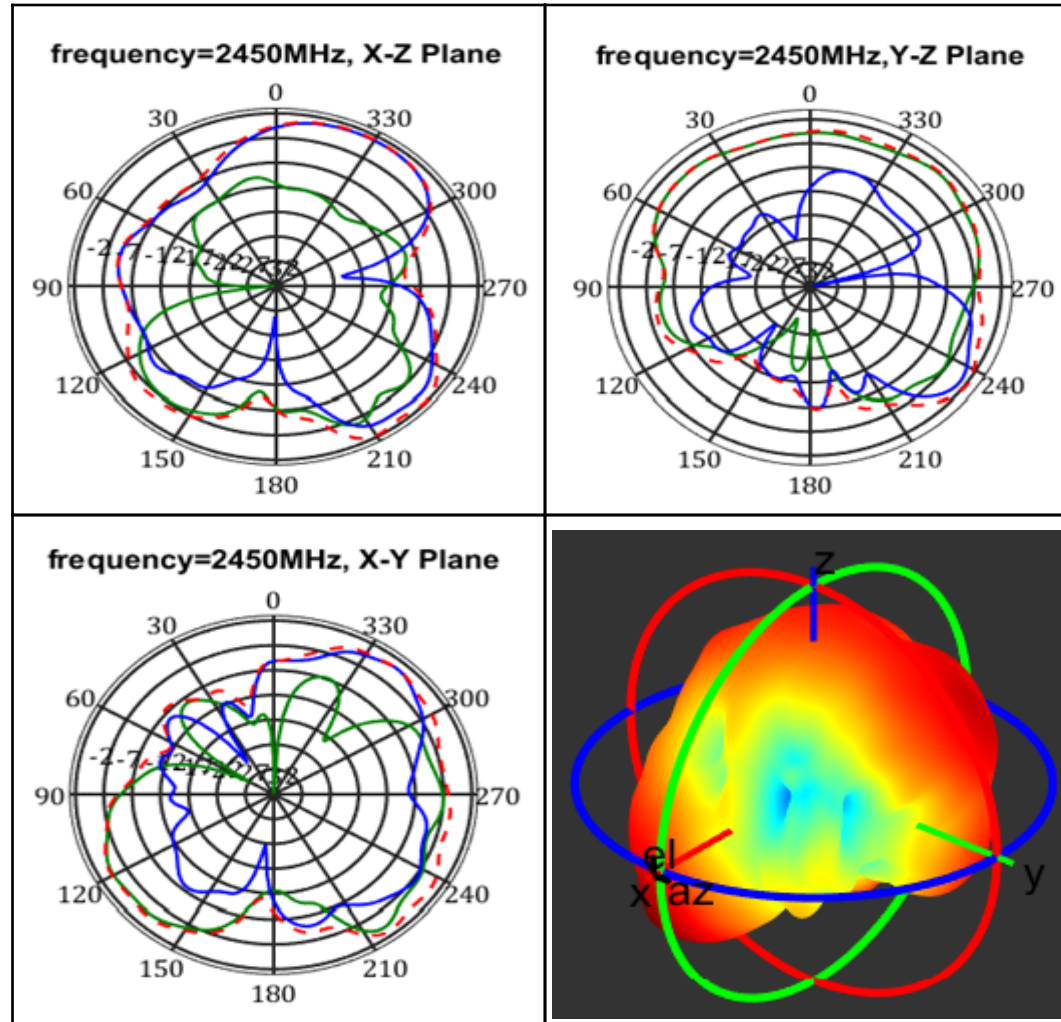
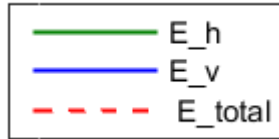


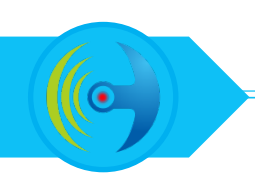
天线增益与效率
Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	26.26	0.34
2410	27.16	0.39
2420	27.77	0.45
2430	28.68	0.43
2440	29.39	0.61
2450	31.23	1.14
2460	30.74	0.94
2470	29.55	0.64
2480	29.21	1.14
2490	28.30	1.15
2500	27.88	0.70

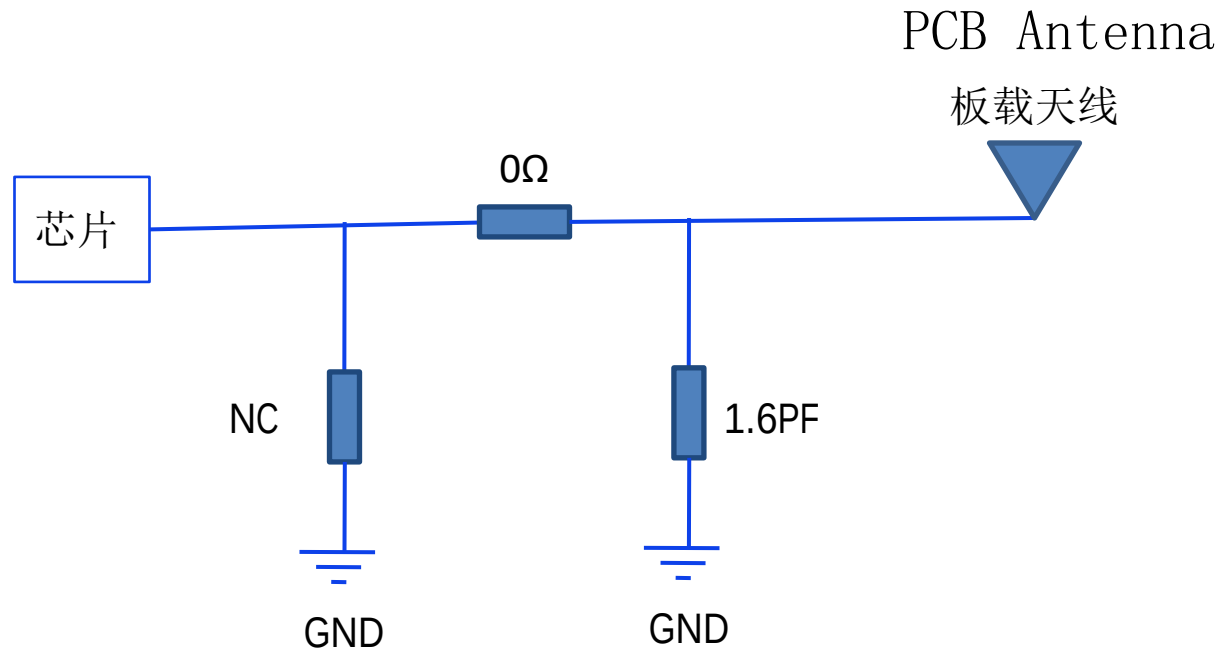


天线辐射方向图 Antenna Radiation Pattern





天线匹配参数



Antenna Layout & module on the system board



Thanks for your support!
感谢您的支持！

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