

专业天线服务商

深圳市飞敏科技有限公司
SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



天线规格书

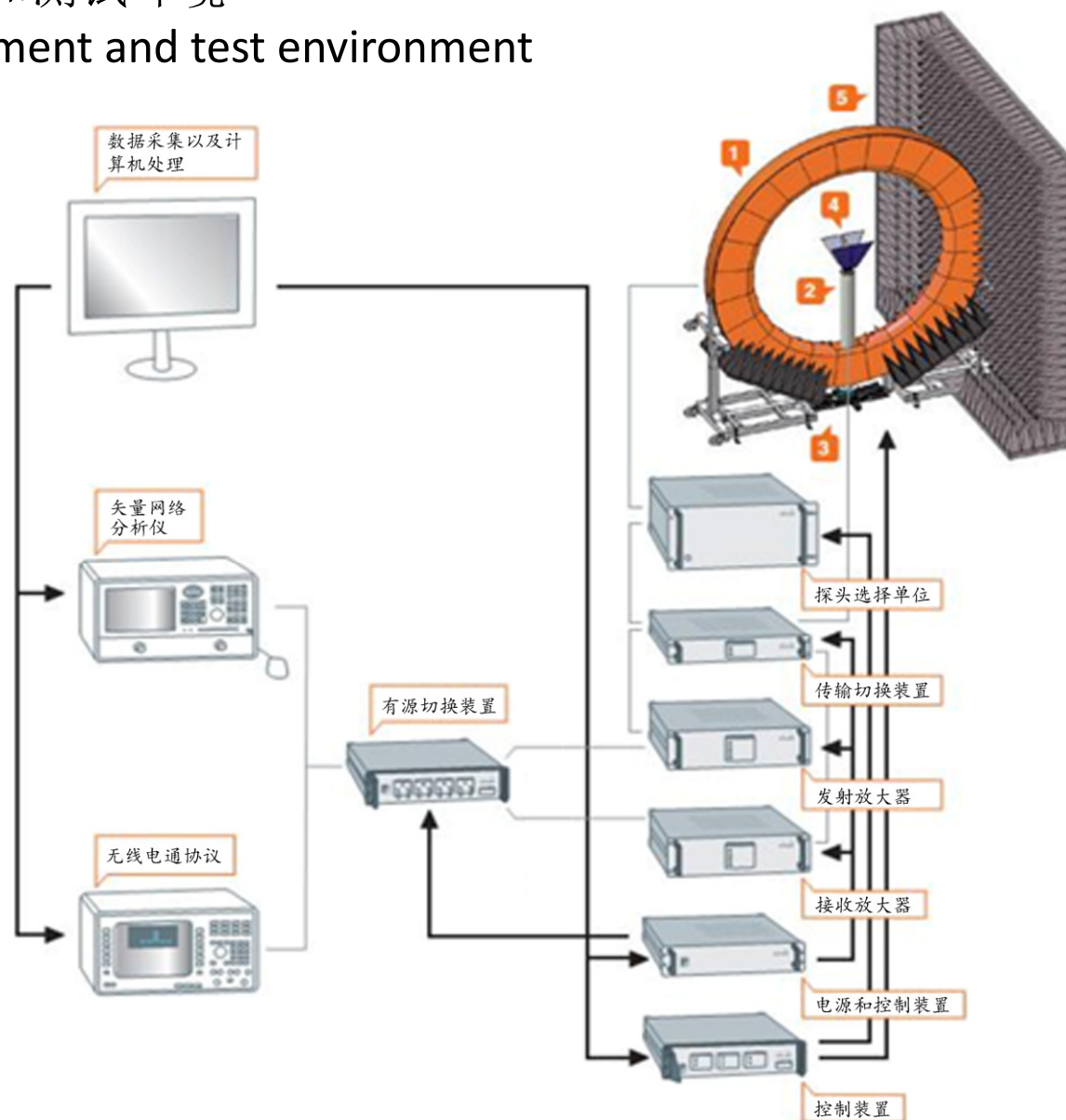
Antenna Specification

项目型号	MF8495
天线型号	
测 试	许高富
审 核	陈泽雄
日 期	2025-3-27



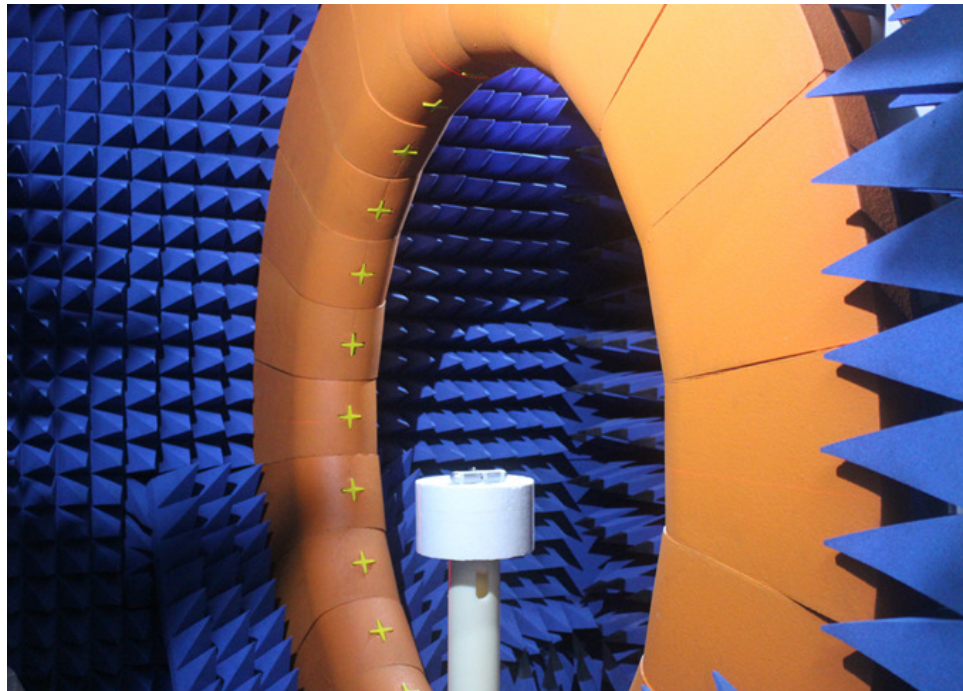
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment

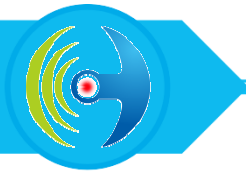


探头微波暗室

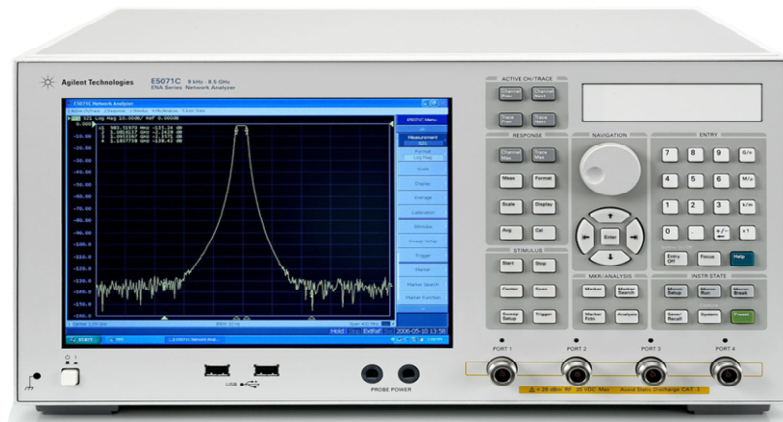
➤ 频率: 0.4GHz至6GHz

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



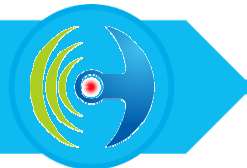
Agilent E5071C矢量网络分析仪

- 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

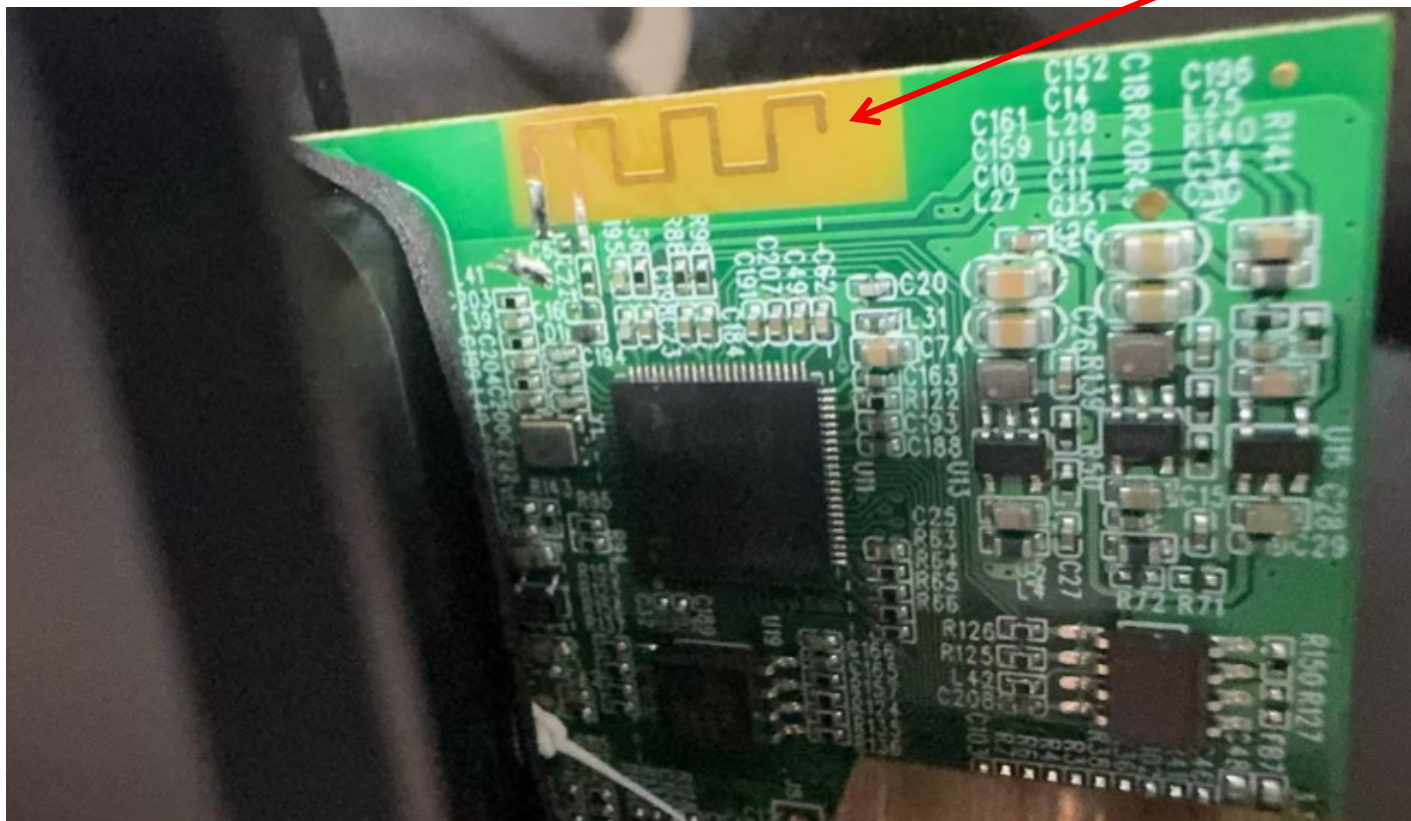


天线安装位置

Passive antenna data

MF8495

BT ANT
天线位置

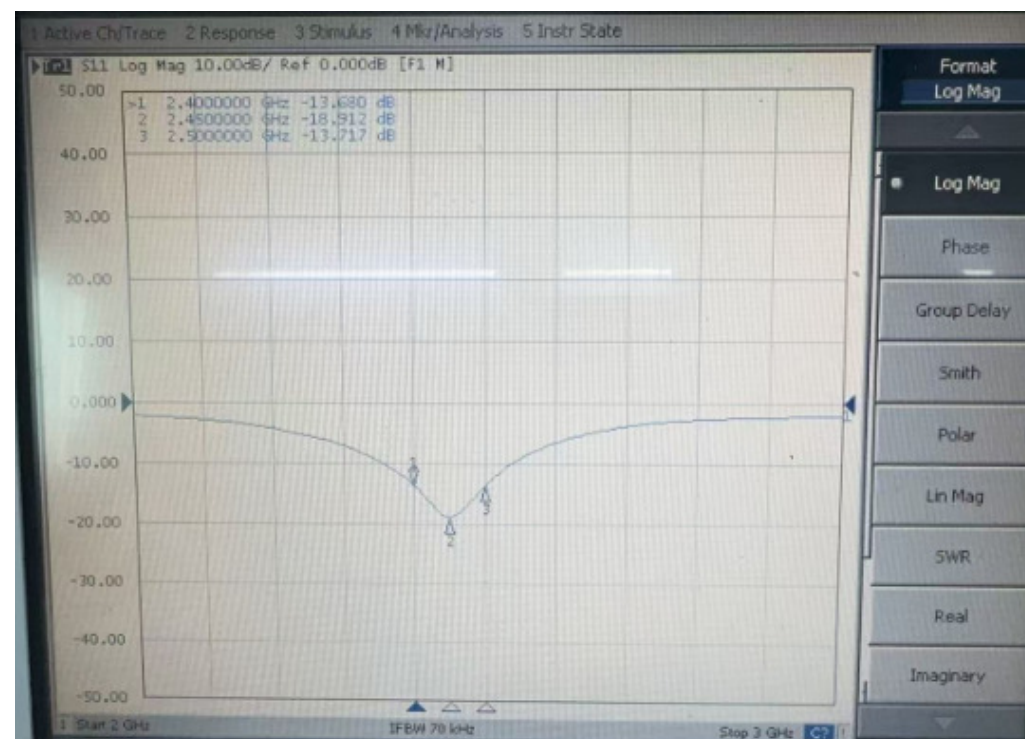
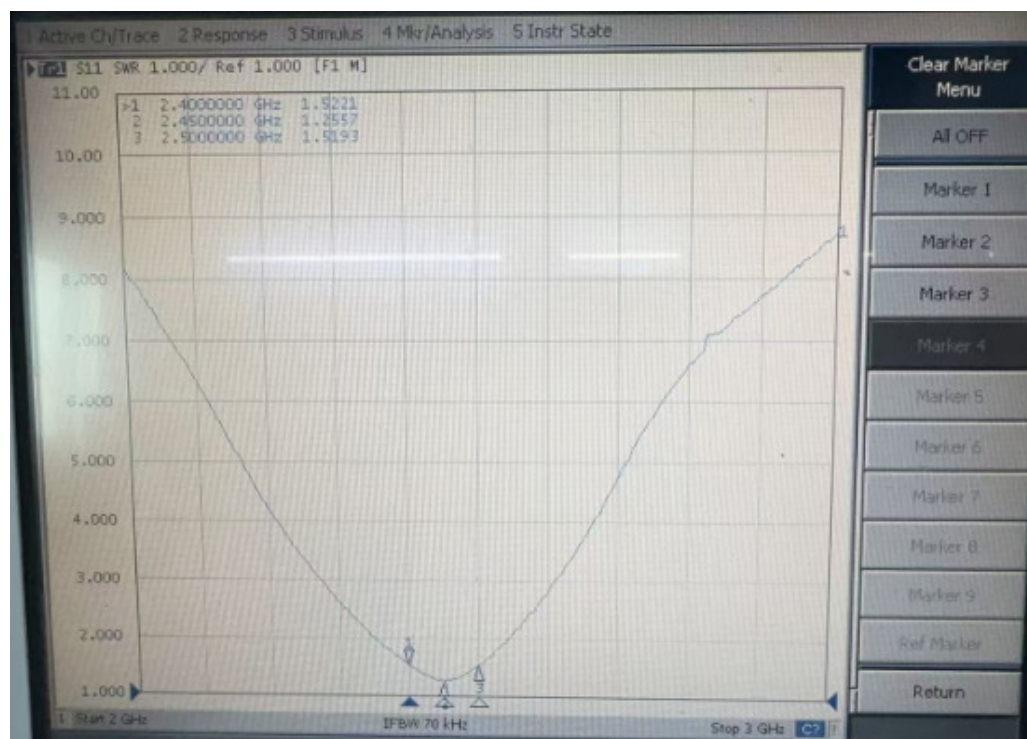




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天线驻波比
Antenna SWR

天线回波损耗
Antenna Return loss





天线增益与效率
Antenna gain and efficiency

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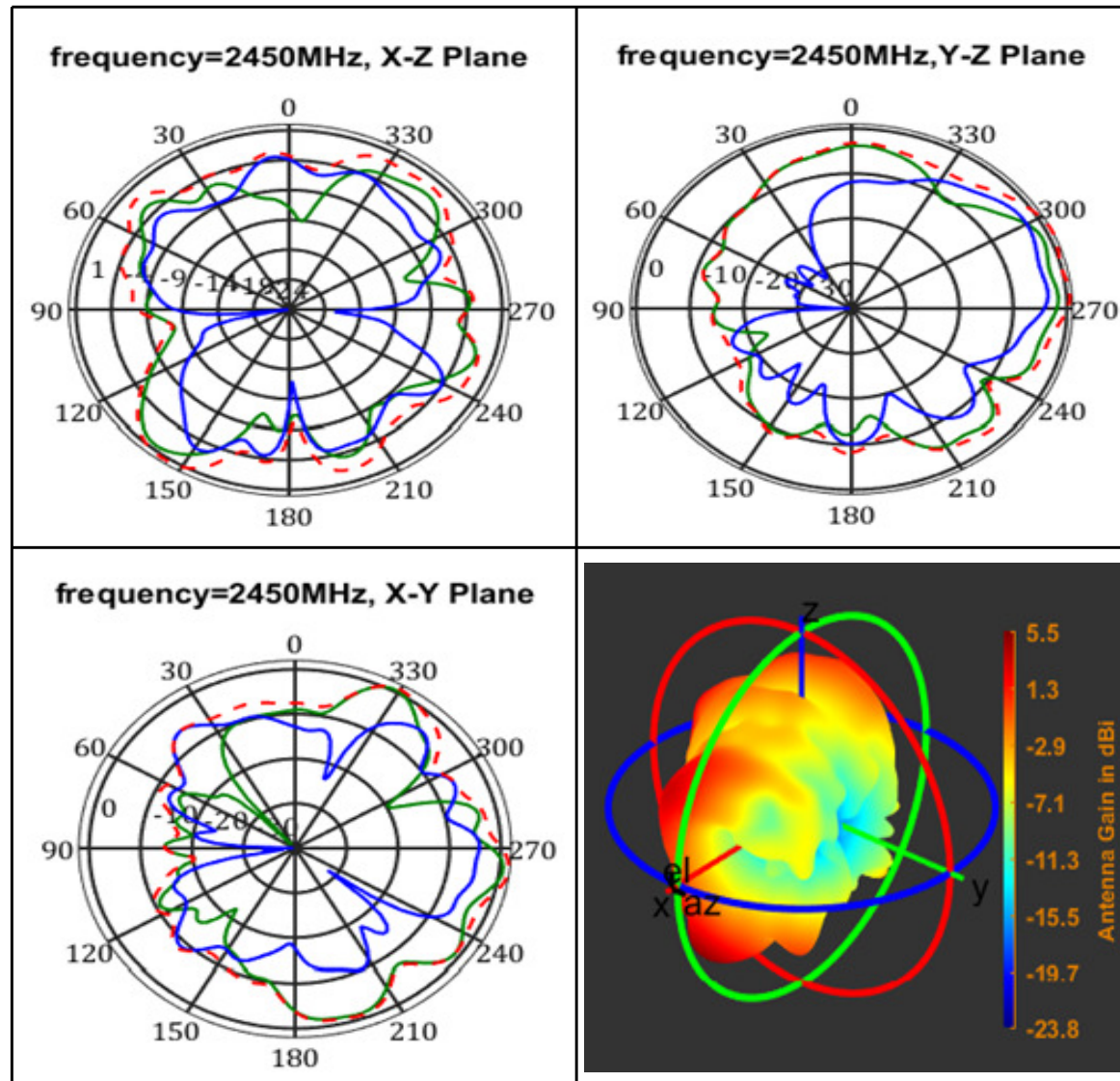
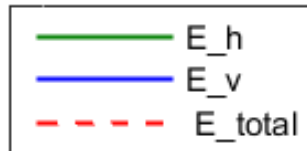
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	45.76	2.40
2410	46.52	2.59
2420	47.07	2.74
2430	48.13	2.77
2440	49.07	2.82
2450	51.84	3.28
2460	50.95	2.81
2470	49.89	2.67
2480	47.44	2.43
2490	46.74	2.56
2500	45.33	2.32



天线辐射方向图

Antenna Radiation Pattern

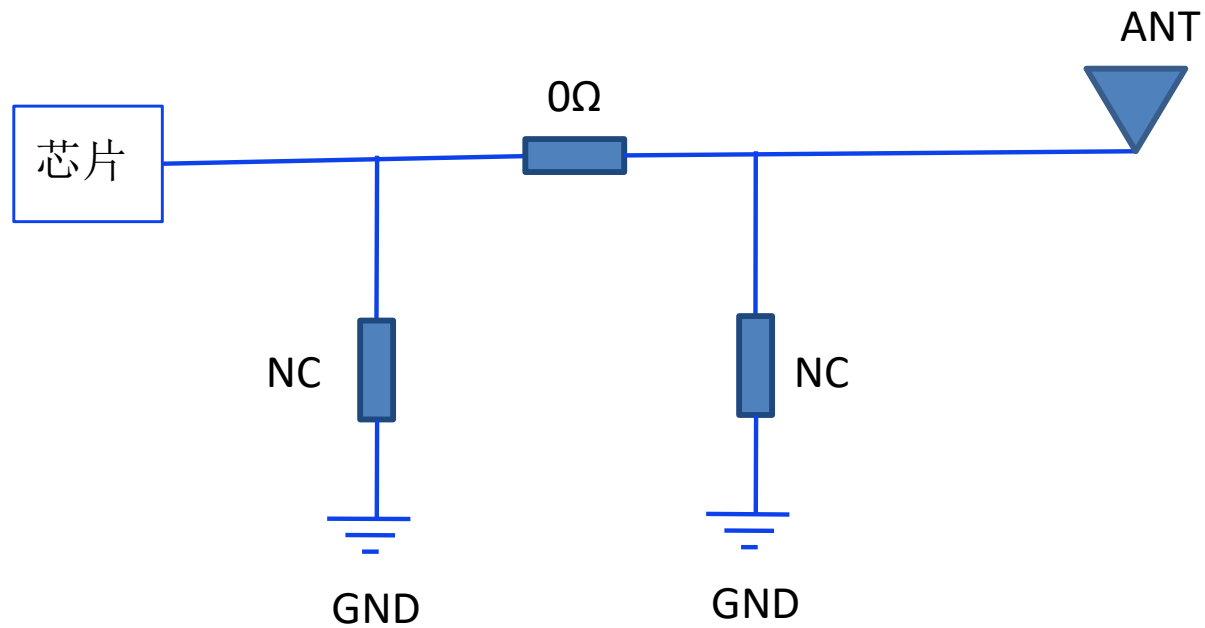
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天线匹配参数

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Thanks for your support!
感谢您的支持!

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