

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

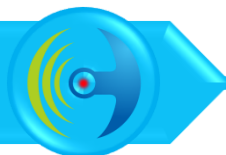
项目型号 Y325

天线型号

测 试 许高富

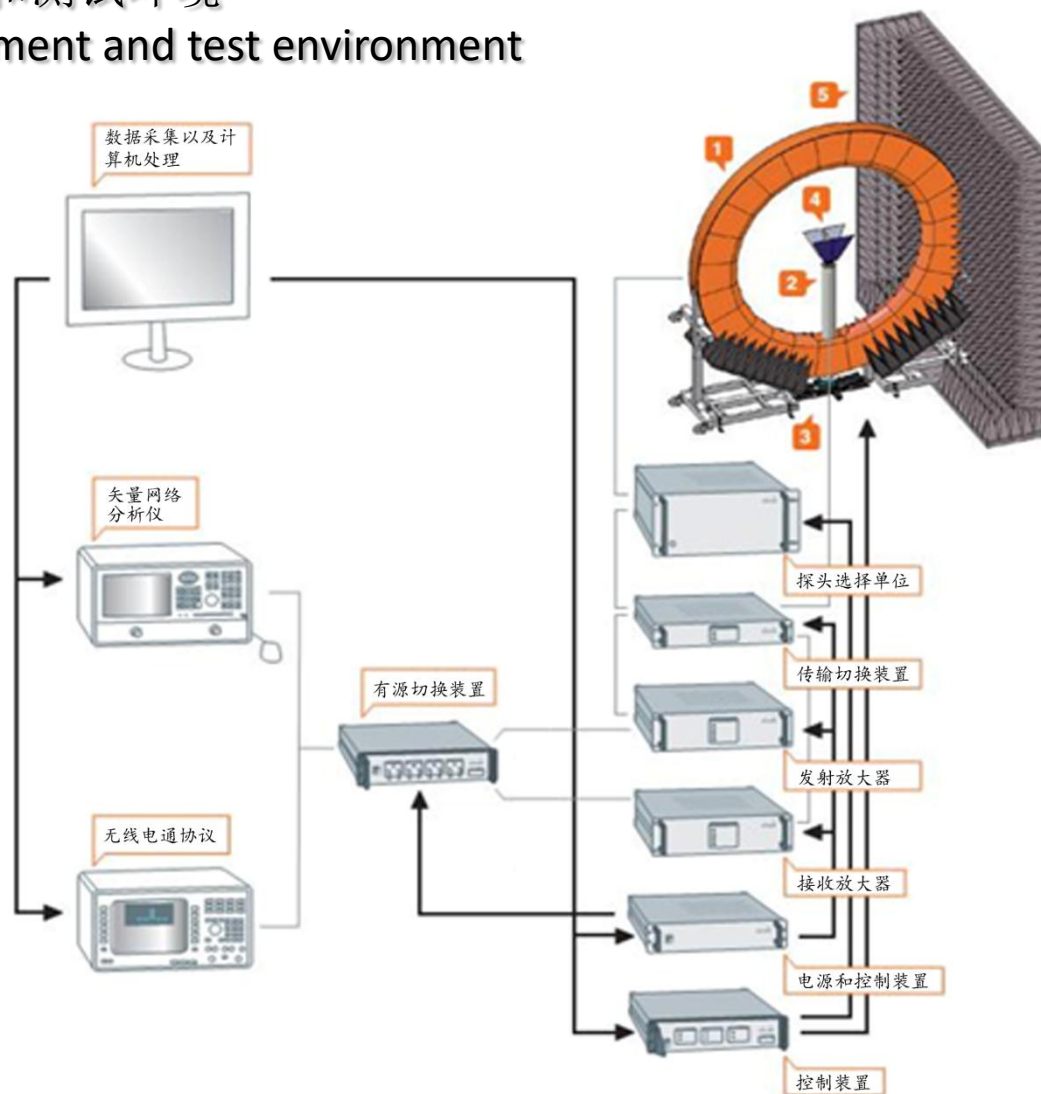
审 核 陈泽雄

日 期 2025-10-15



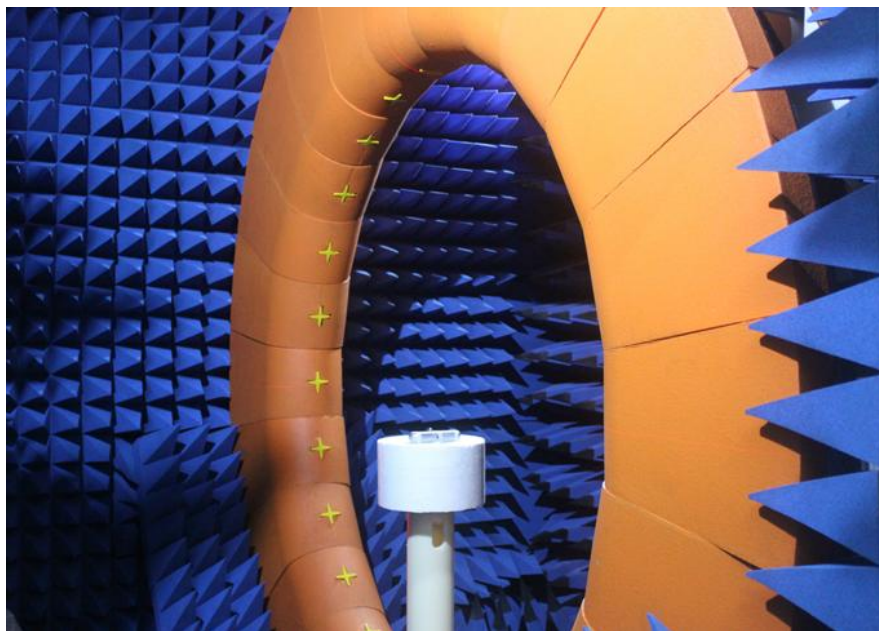
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment



探头微波暗室

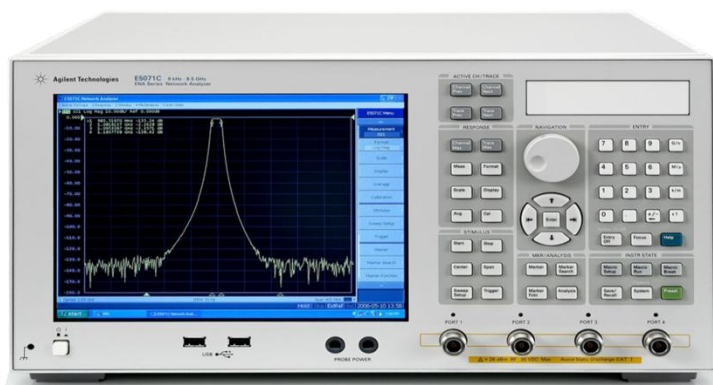
➤ 频率：0.4GHz至6GHz

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



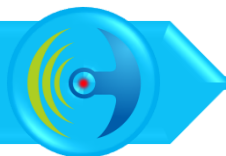
Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz



R&S CMW500 宽带无线通信测试仪

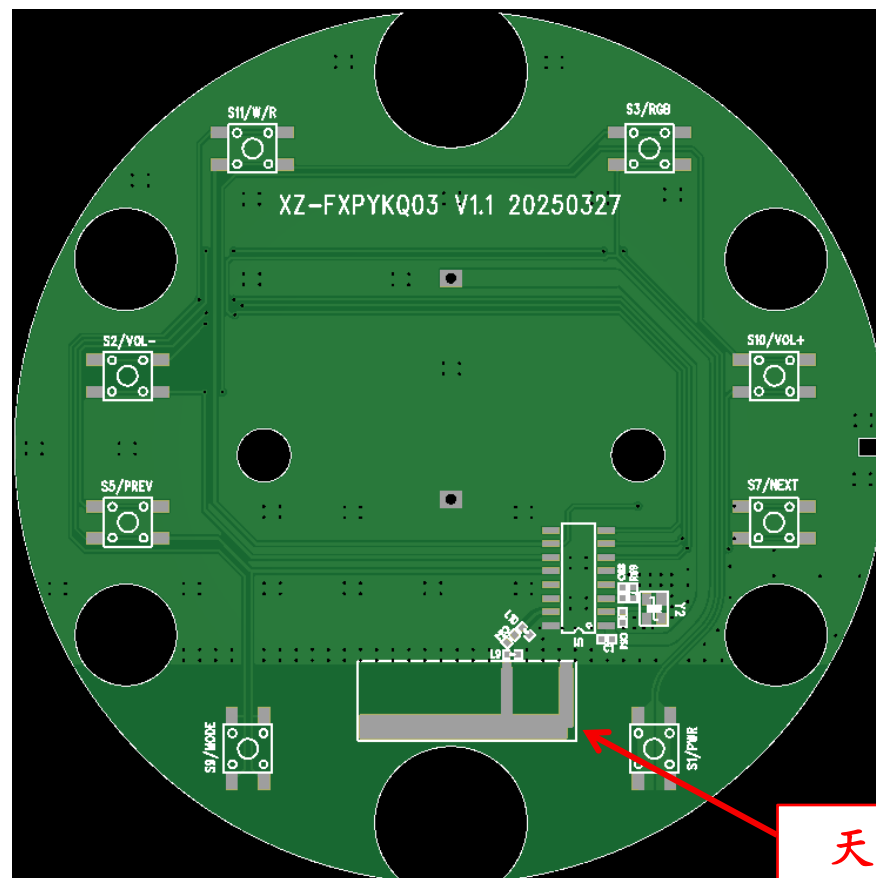
- GSM/3G/4G
- WIFI/ Bluetooth
- NB-IoT



天线安装位置

Passive antenna data

Y325



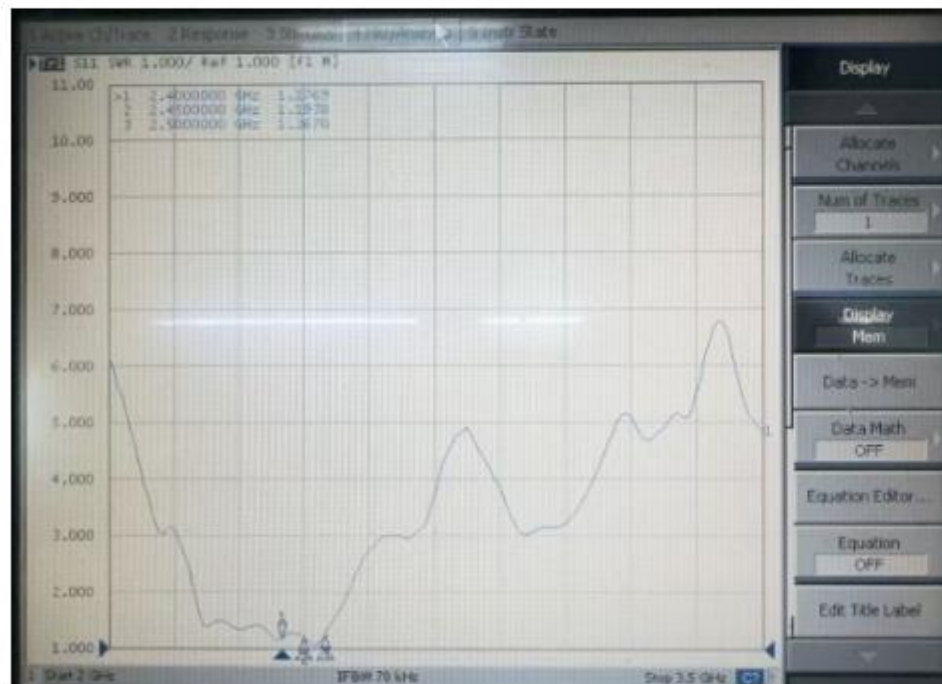
天线安装位置



Y325

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

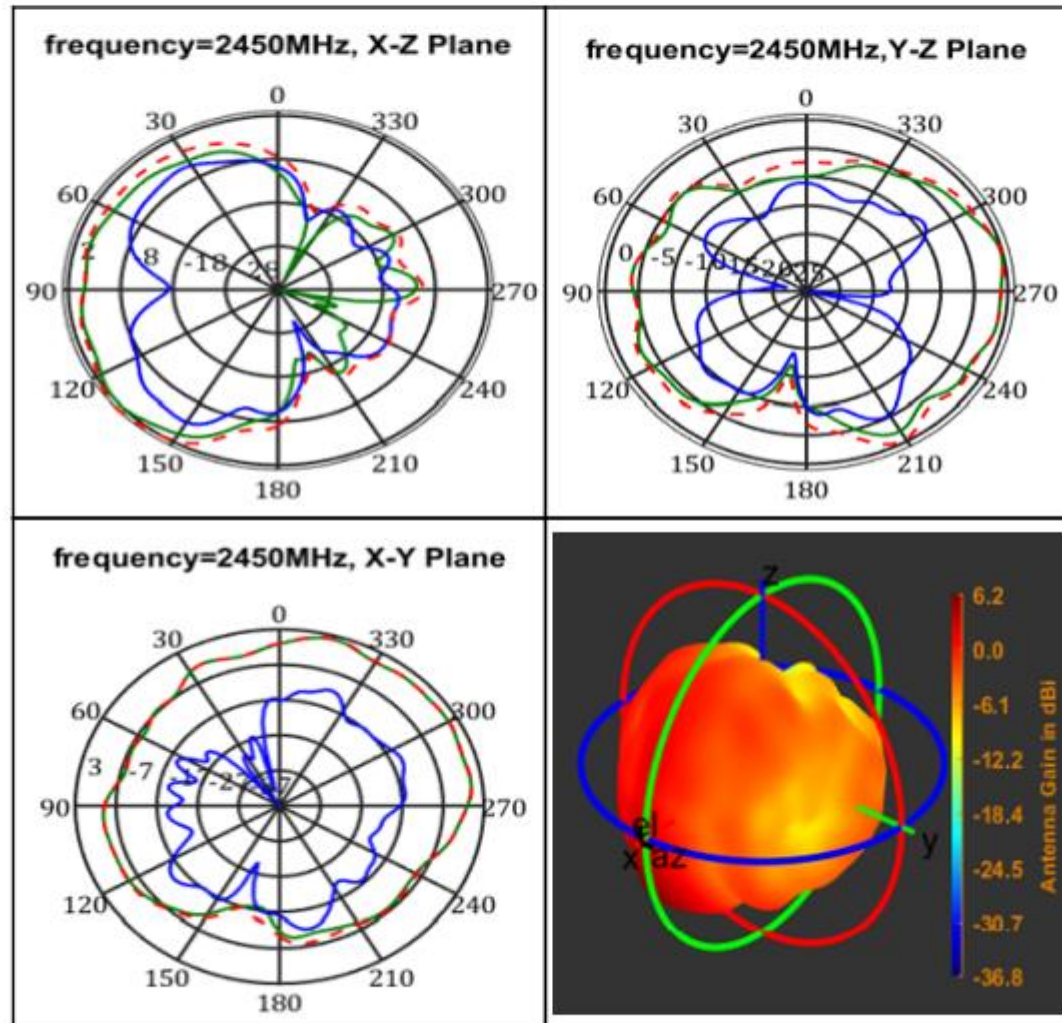
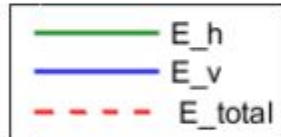
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	46.95	3.28
2410	47.90	3.31
2420	48.29	3.38
2430	50.19	3.47
2440	50.82	3.50
2450	51.99	3.68
2460	52.30	3.42
2470	51.00	3.51
2480	49.49	3.42
2490	48.33	3.25
2500	46.56	3.16

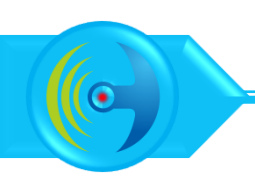


天线辐射方向图

Antenna Radiation Pattern

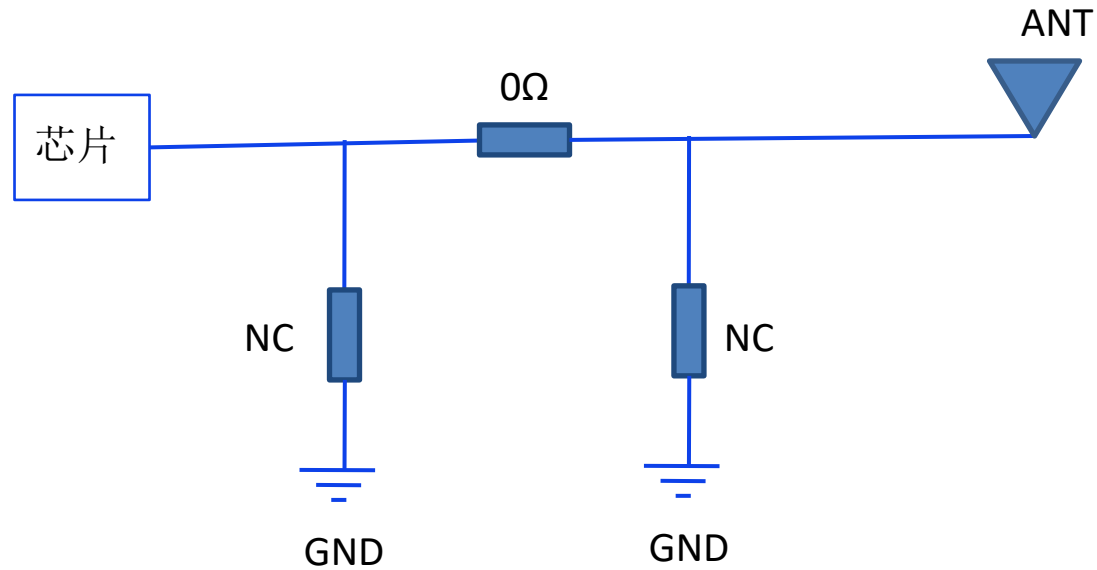
Y325





天线匹配参数

Y325



Thanks for your support!
感谢您的支持!

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