

# 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 195-216MHz (直头)

天线型号

测 试 魏月娥

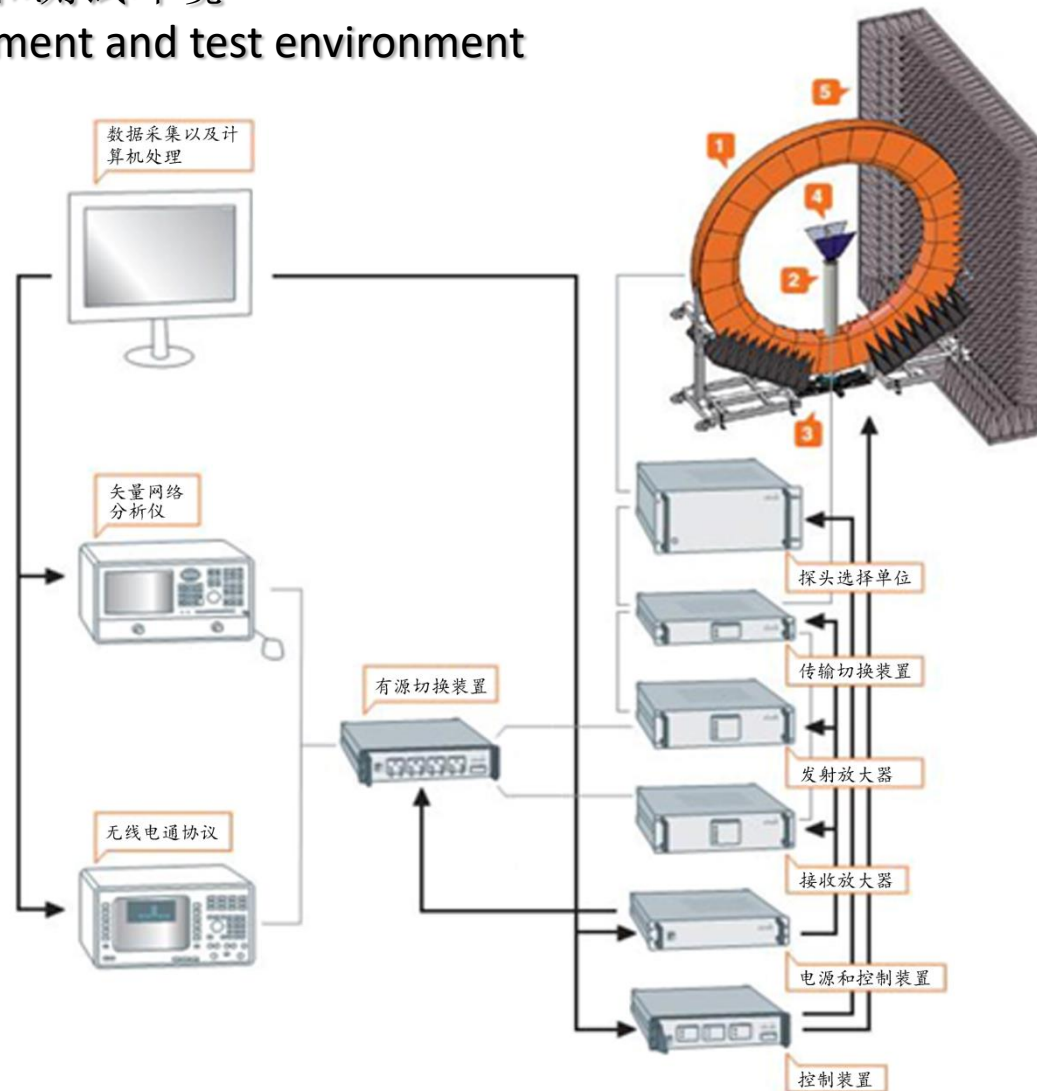
审 核 夏兴喜

日 期 2022-12-07



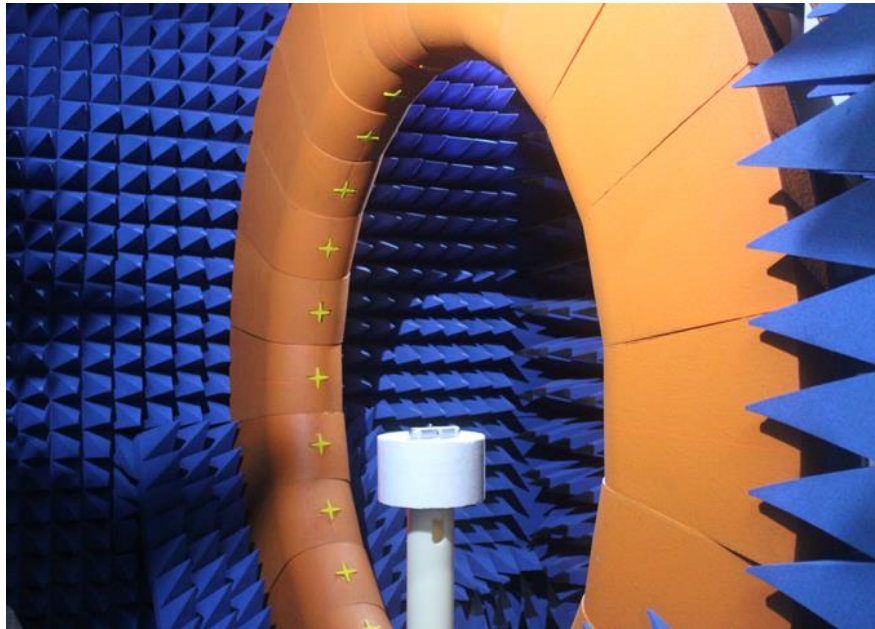
## 测试设备和测试环境

### Test equipment and test environment





## 测试设备 Test equipment



探头微波暗室

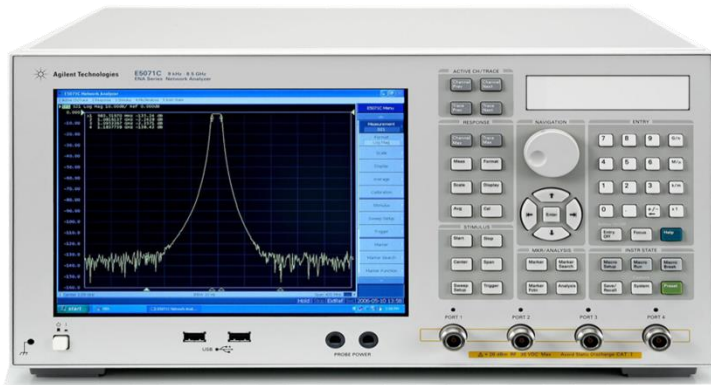
➤ 频率：0.4GHz至6GHz

## 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



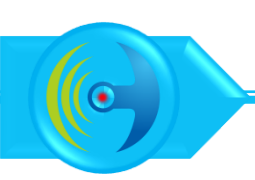
Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz

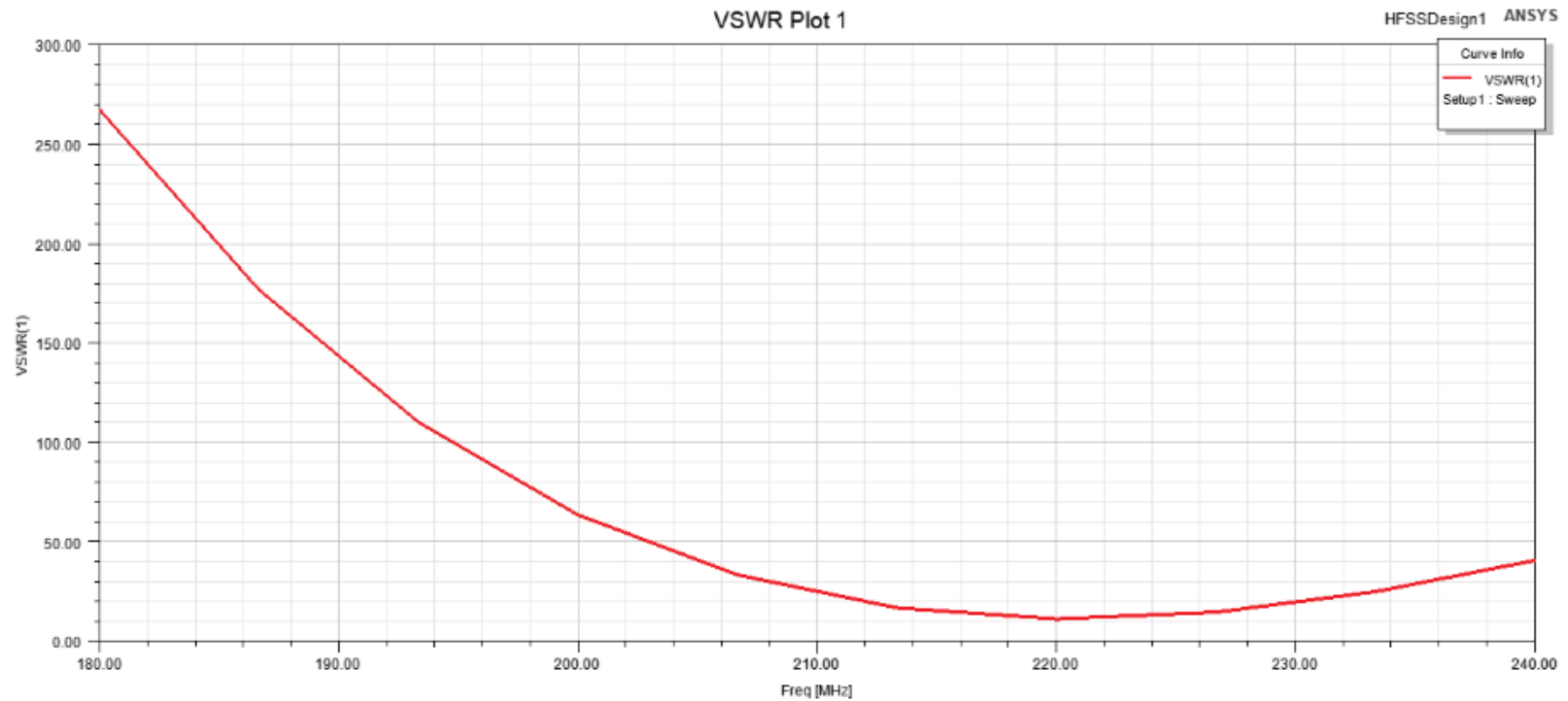


R&S CMW500 宽带无线通信测试仪

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



# 天线驻波比 Antenna SWR

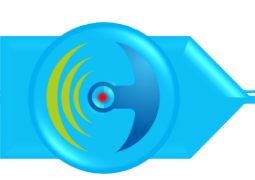




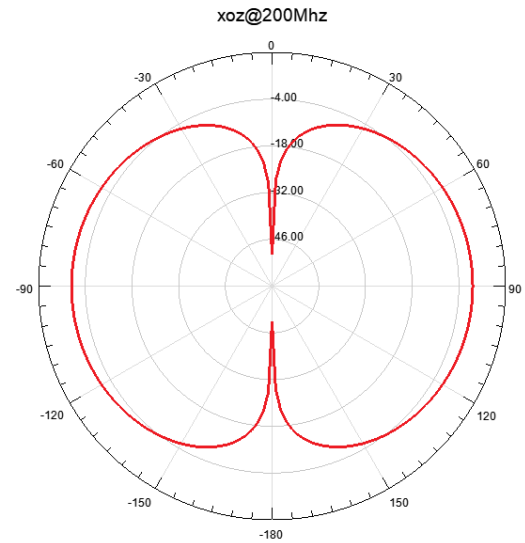
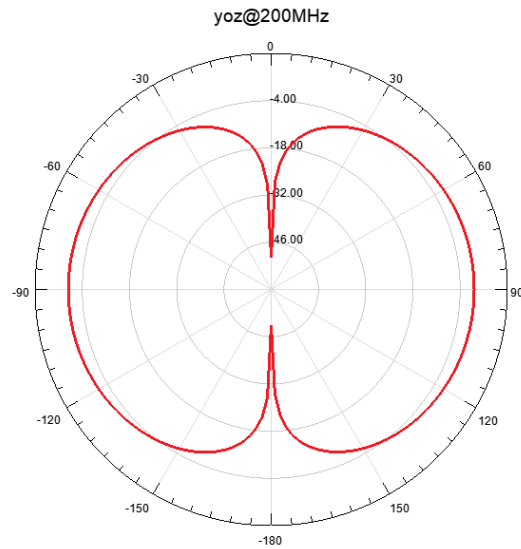
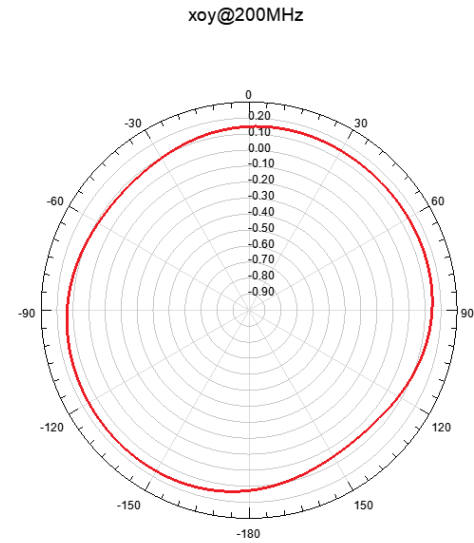
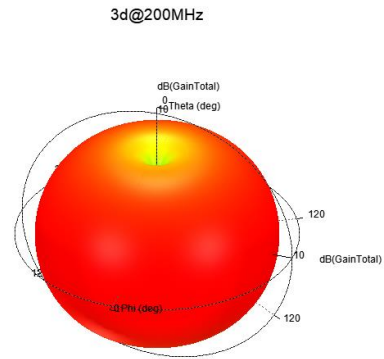
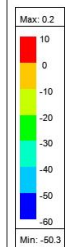
## 天线增益与效率

## Antenna gain and efficiency

| 天线        |                |           |
|-----------|----------------|-----------|
| Freq(MHz) | Efficiency (%) | Gian(dBi) |
| 195       | 24.12          | 0.09      |
| 197       | 25.78          | 0.12      |
| 199       | 26.34          | 0.17      |
| 201       | 25.61          | 0.11      |
| 203       | 30.28          | 0.21      |
| 205       | 29.09          | 0.19      |
| 207       | 30.12          | 0.23      |
| 209       | 29.64          | 0.17      |
| 211       | 28.39          | 0.16      |
| 213       | 26.45          | 0.13      |
| 216       | 26.02          | 0.12      |



# 天线辐射方向图 Antenna Radiation Pattern



**Thanks for your support!**  
**感谢您的支持!**

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