

天线测试报告

Antenna test report

项目型号 _____

天线型号 _____

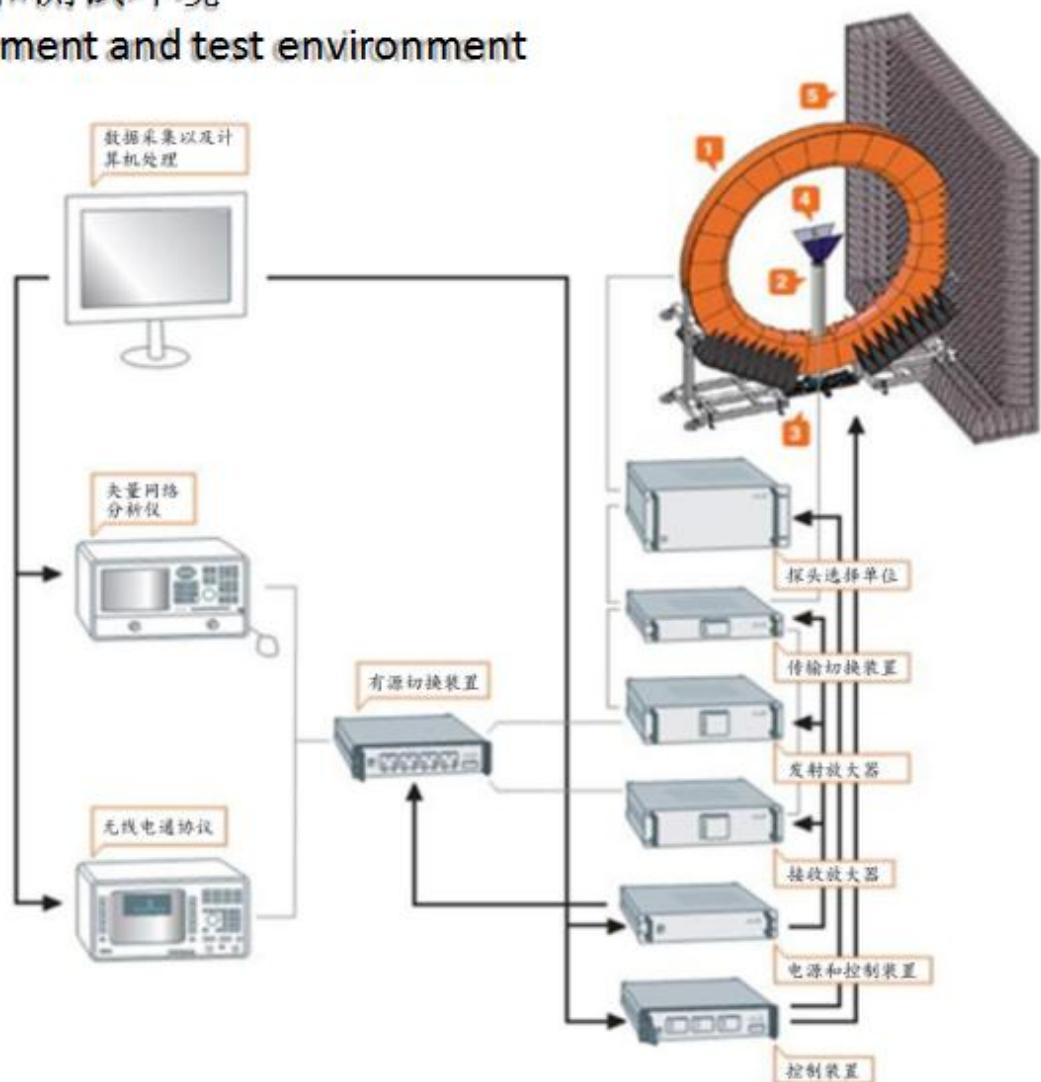
测 试 _____ 许 涛

审 核 _____ 康锦煌

日 期 _____ 2024-03-26

测试设备和测试环境

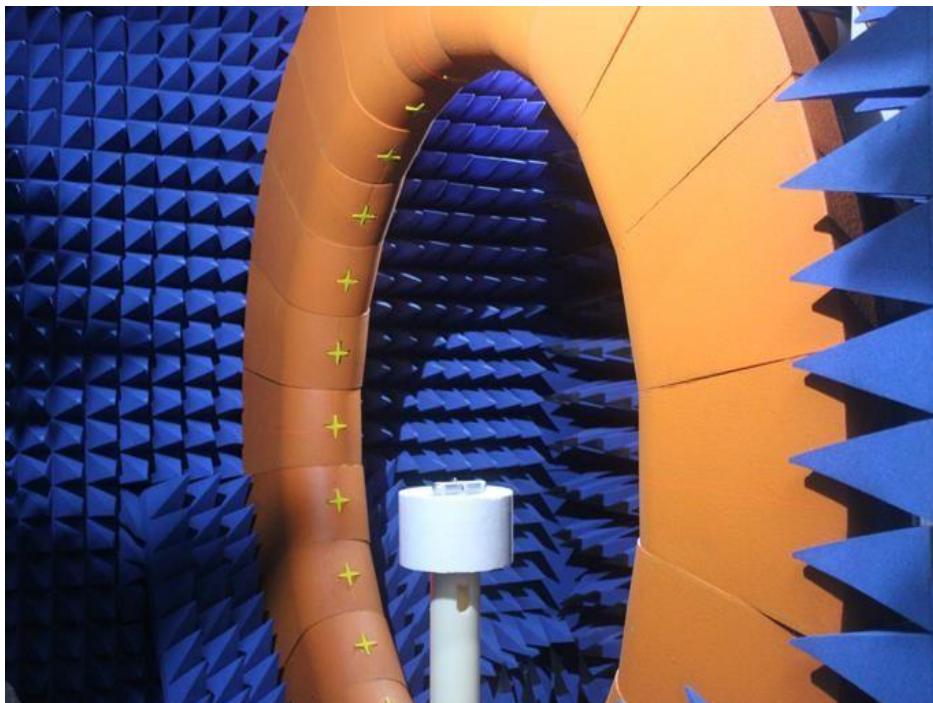
Test equipment and test environment



测试设备

Test equipment

主要测试指标



- ▲ 无源指标
- ▲ 增益
- ▲ 功率
- ▲ 3D 方向图

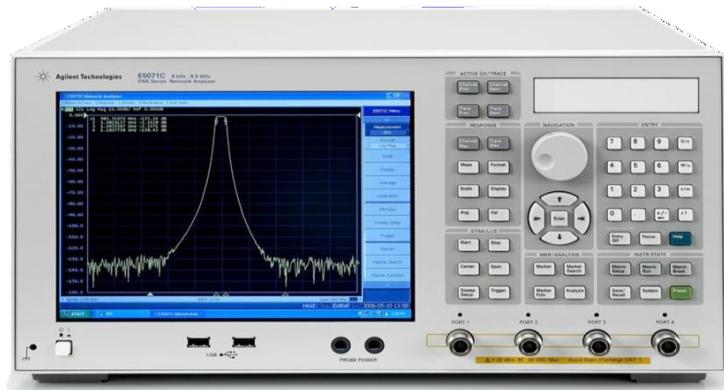
- 有源指标
- TRP总辐射功率
- TIS总接收灵敏度

探头微波暗室

频率 : 0.4GHz 至 6GHz

测试设备

Test equipment



Agilent E5071C 矢量网络分析仪

- 频率：300 kHz 至 8.5GHz

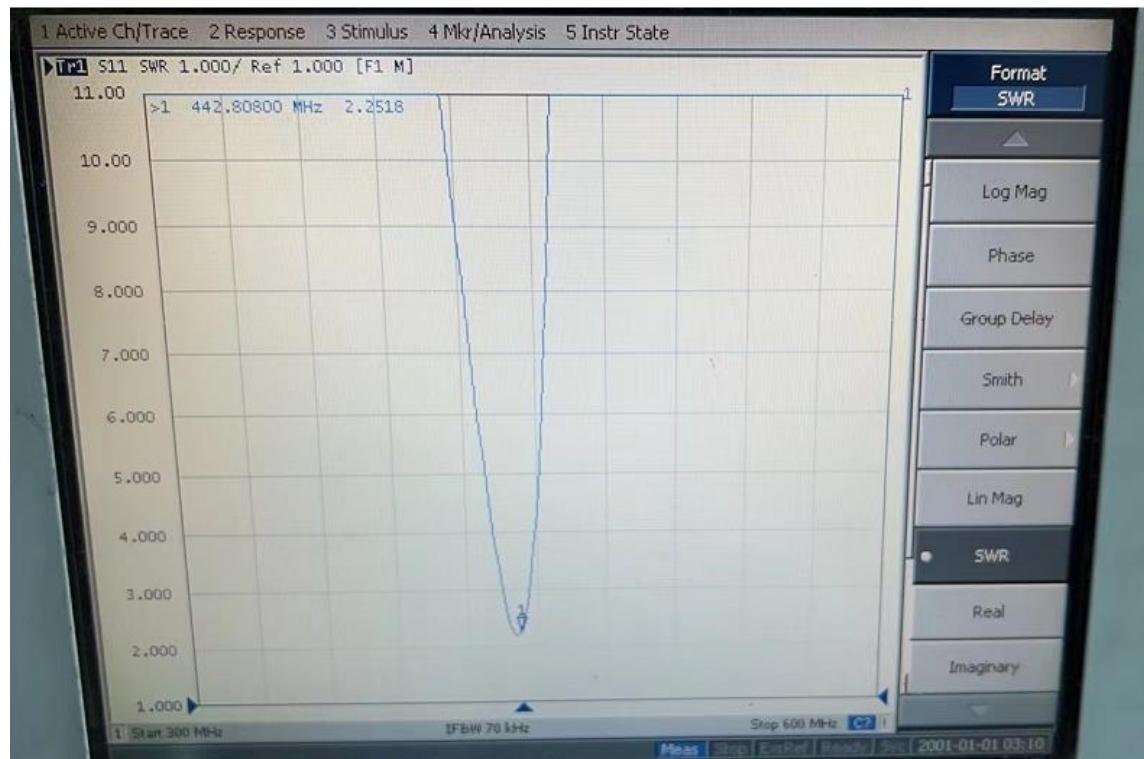


R&S CMW500 宽带无线通信测试仪

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

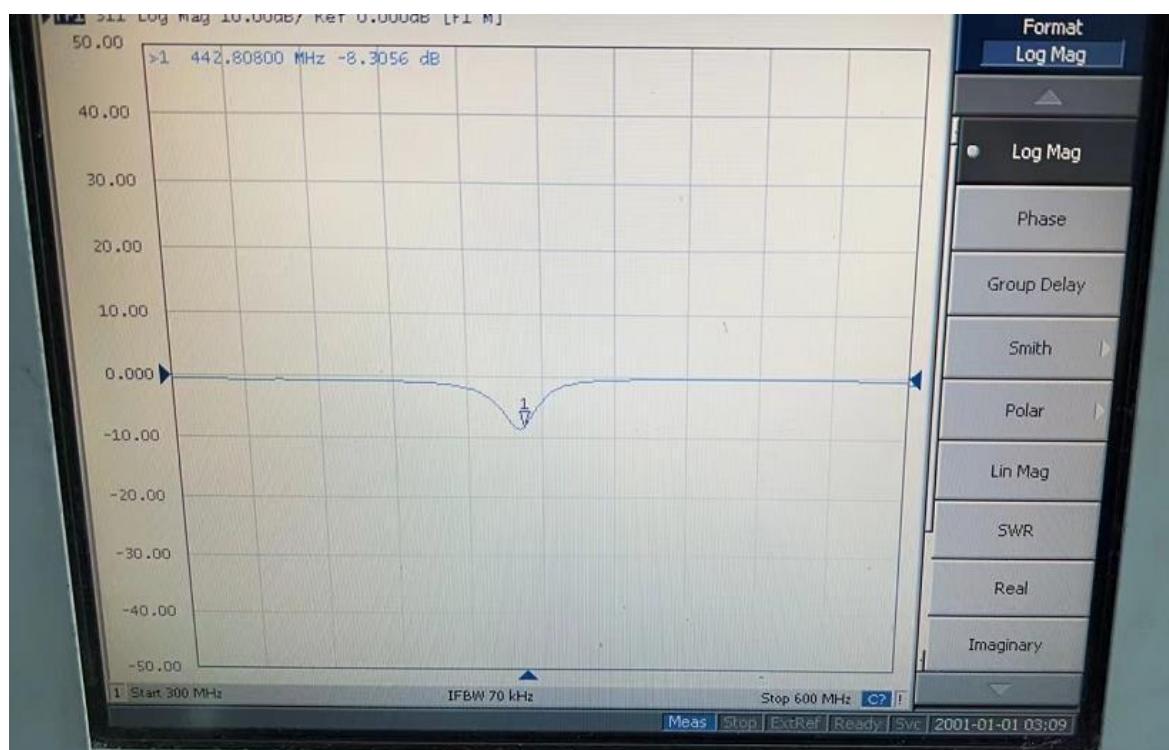
天线驻波比

Antenna SWR



天线回波损耗

Antenna Return loss



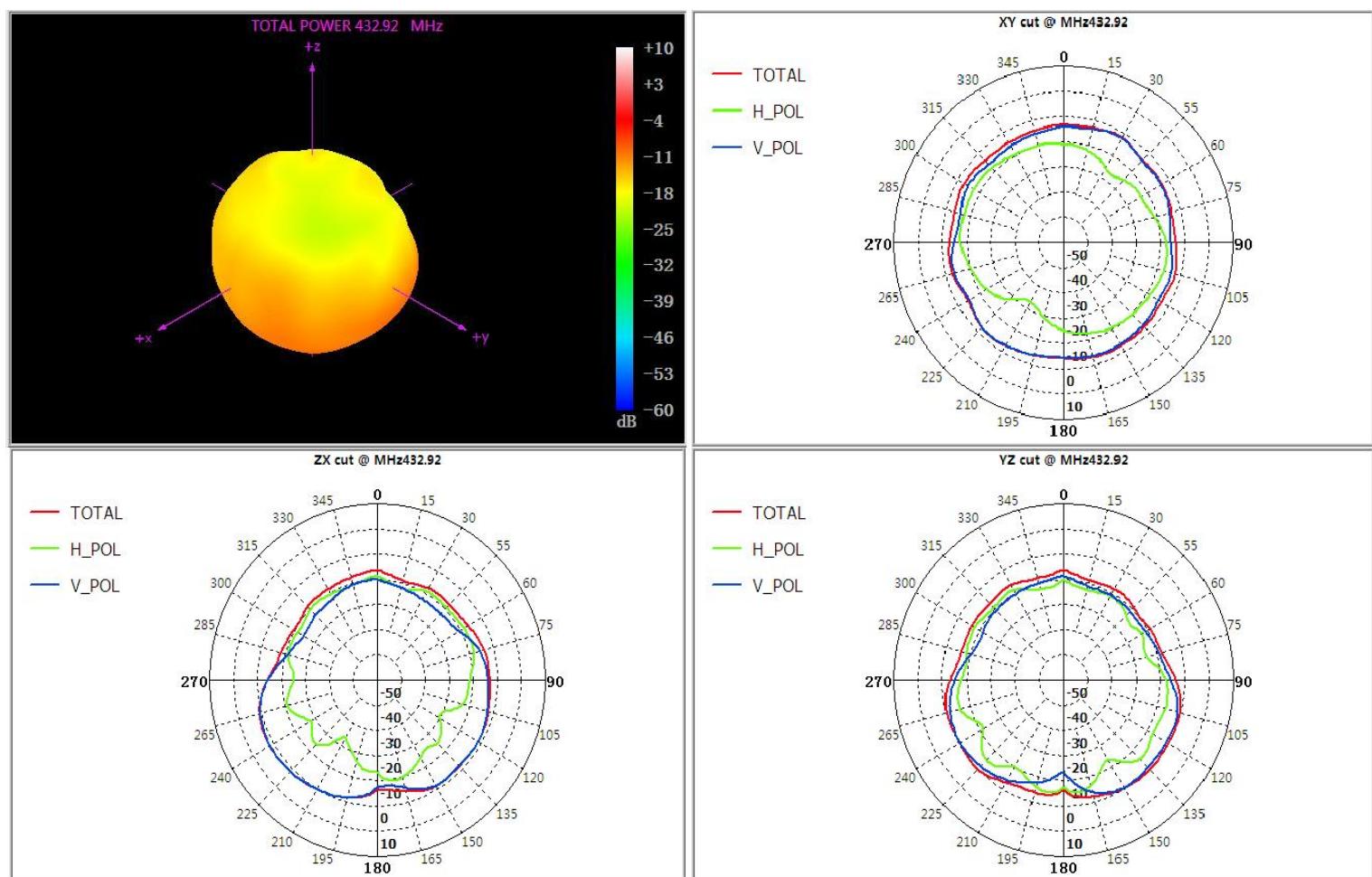
天线增益与效率

Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400.00MHz	5.59	-1.36
2450.00MHz	5.82	-1.08
2480.00MHz	5.93	-1.84

天线辐射方向图

Antenna Radiation Pattern



天线辐射方向图

Antenna Radiation Pattern

