



专业天线服务商

温州卓越弹簧有限公司

WENZHOU ZHUOYUE SPRING CO.,LTD.

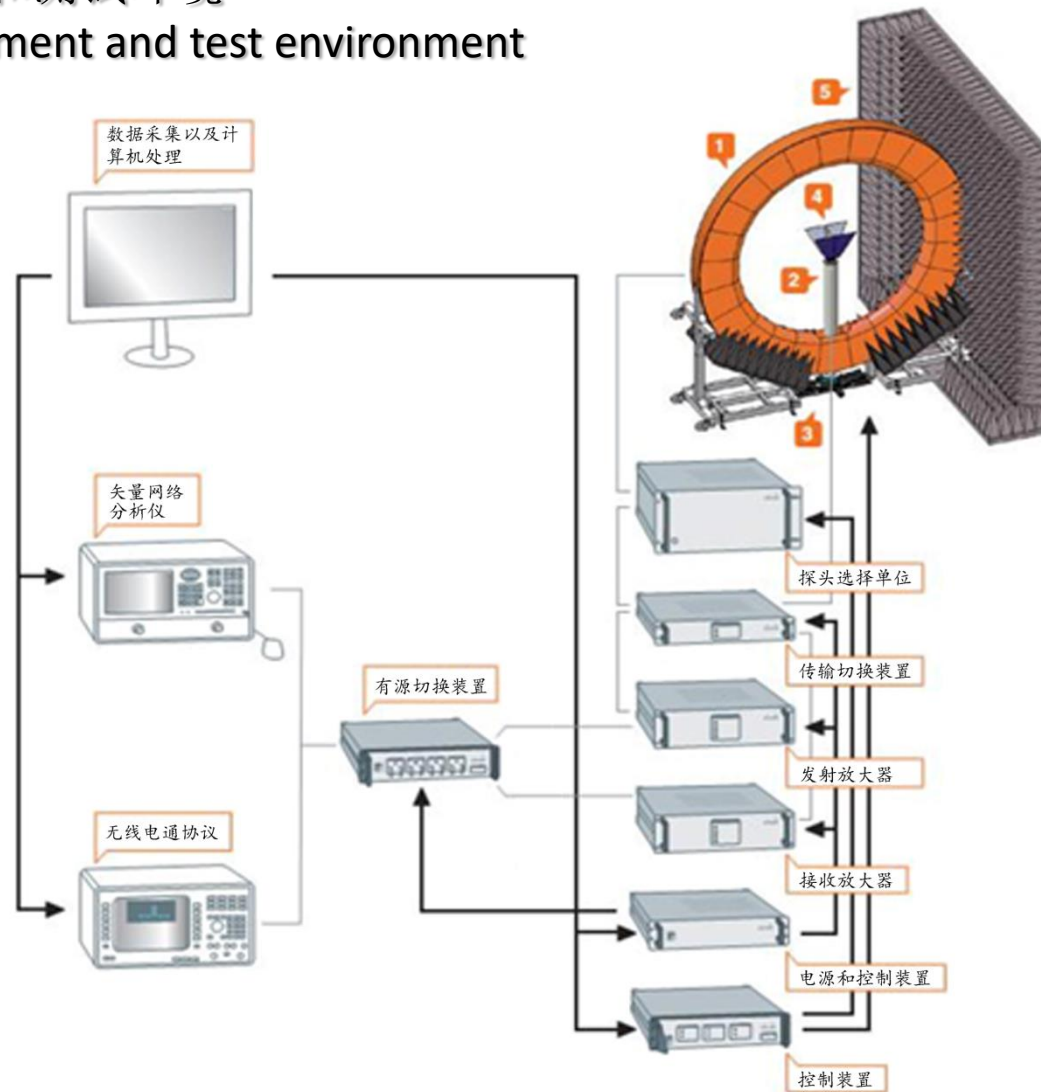
天线测试报告

Antenna test report

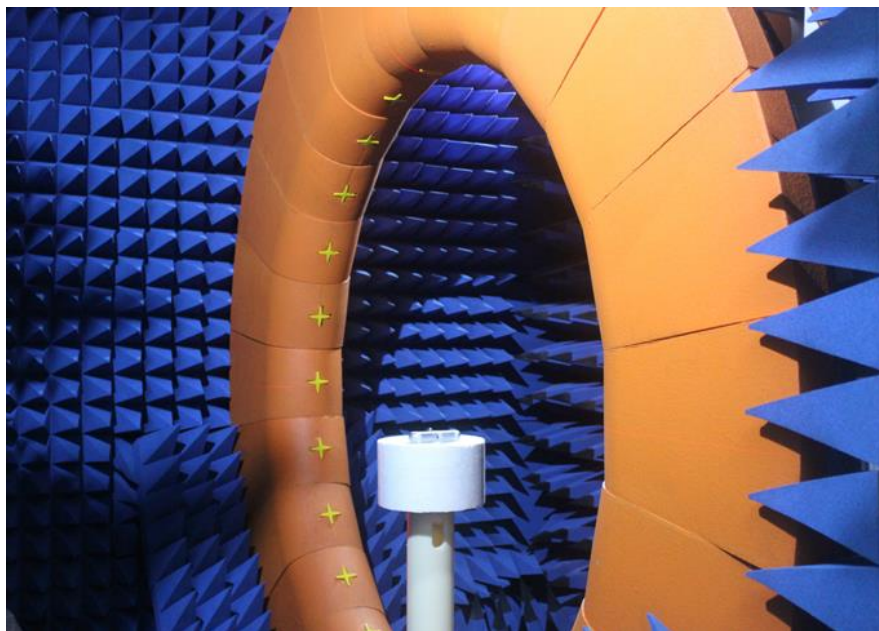
项目型号	EM3390-T X弹簧天线
天线规格	20*4.5线径0.55
测 试	吴敏
审 核	周建中
日 期	2023-4-10

测试设备和测试环境

Test equipment and test environment



测试设备 Test equipment



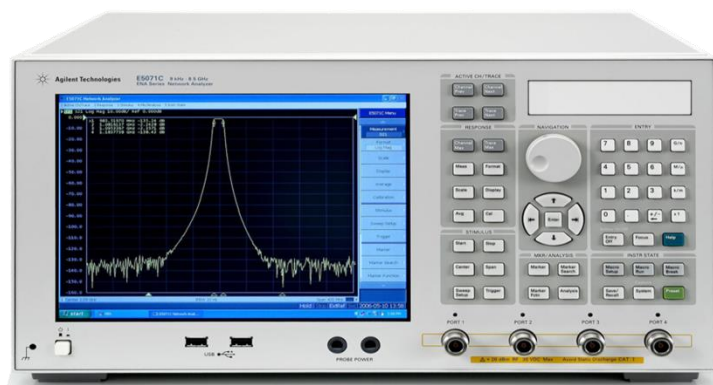
探头微波暗室

➤ 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



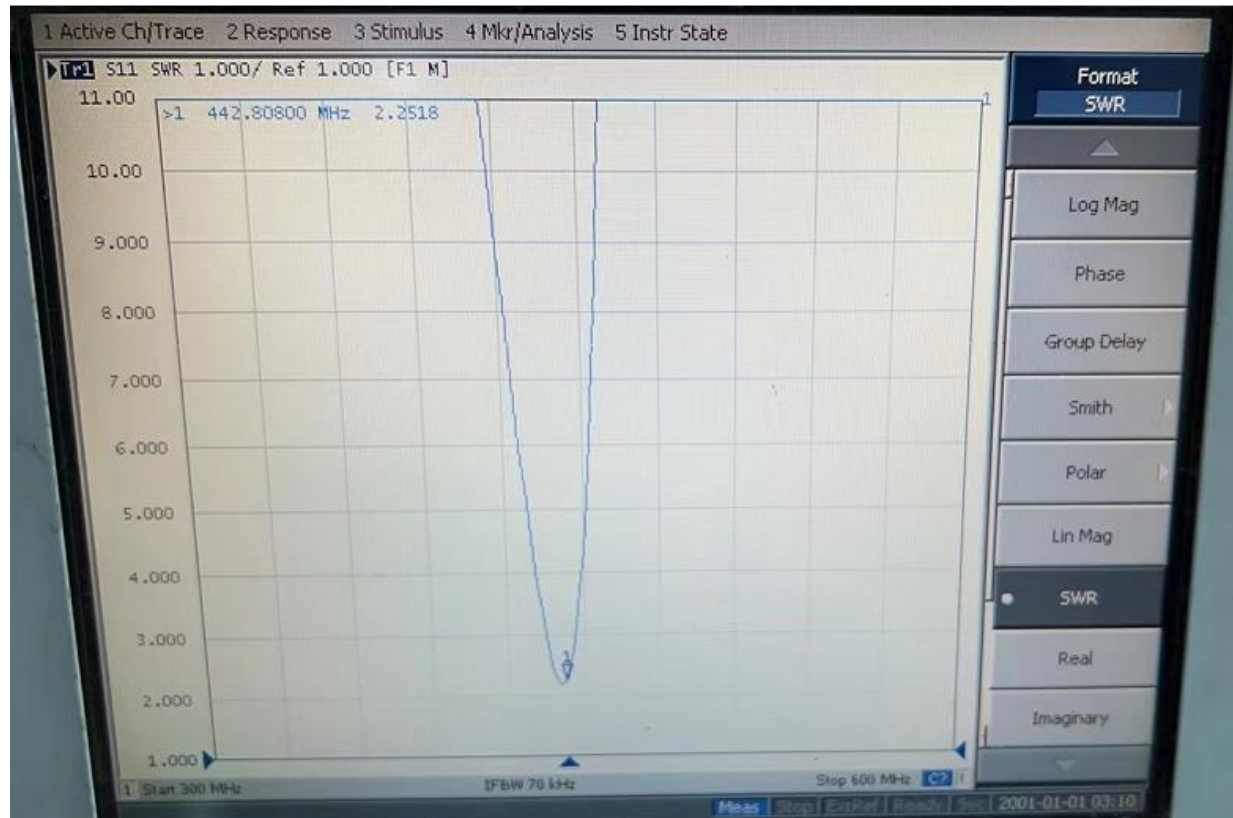
R&S CMW500 宽带无线通信测试仪

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

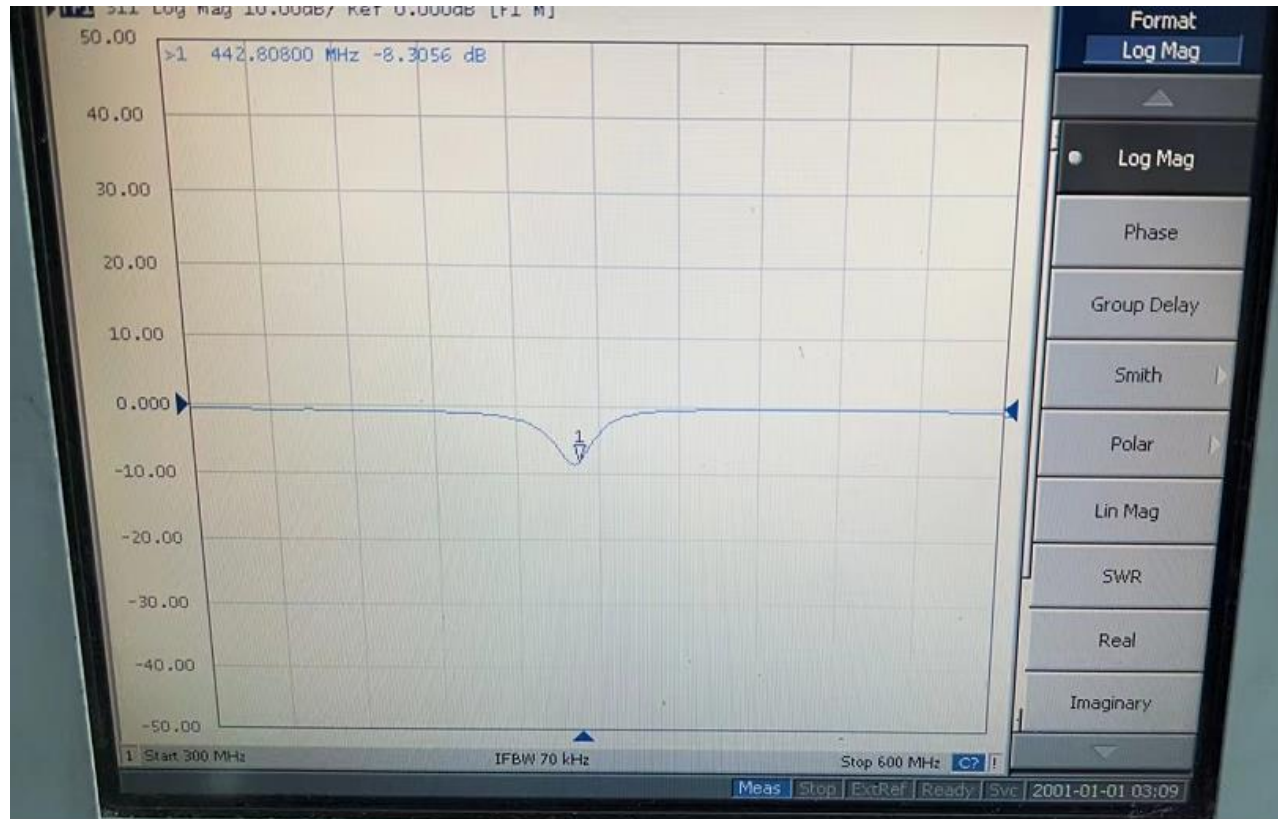
测试拍照
Test photos



天线驻波比 Antenna SWR



天线回波损耗 Antenna Return loss



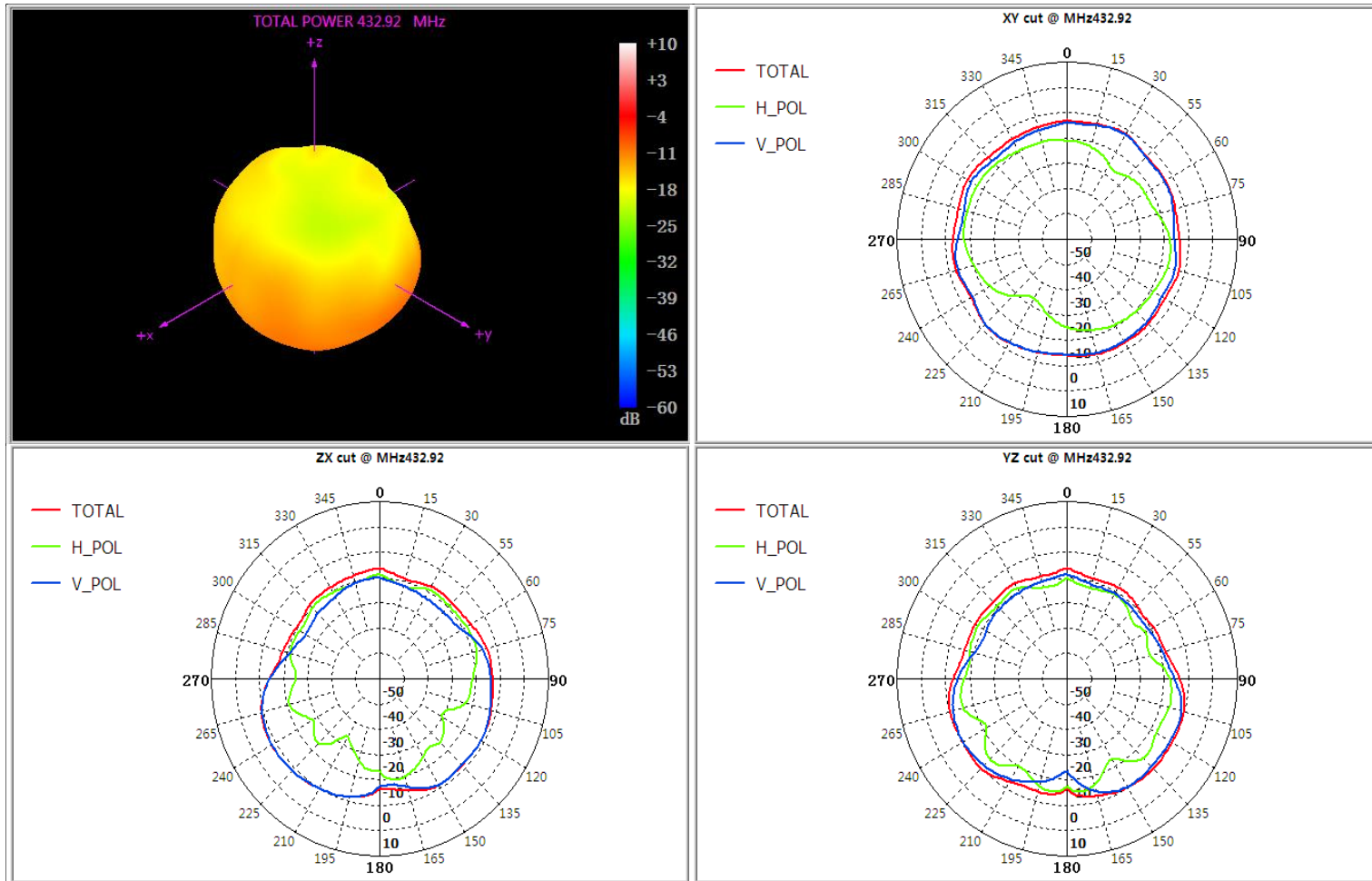
天线增益与效率

Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
432.9 MHz	5.59	-7.36
433.9 MHz	5.82	-7.08
434.9 MHz	5.93	-6.84

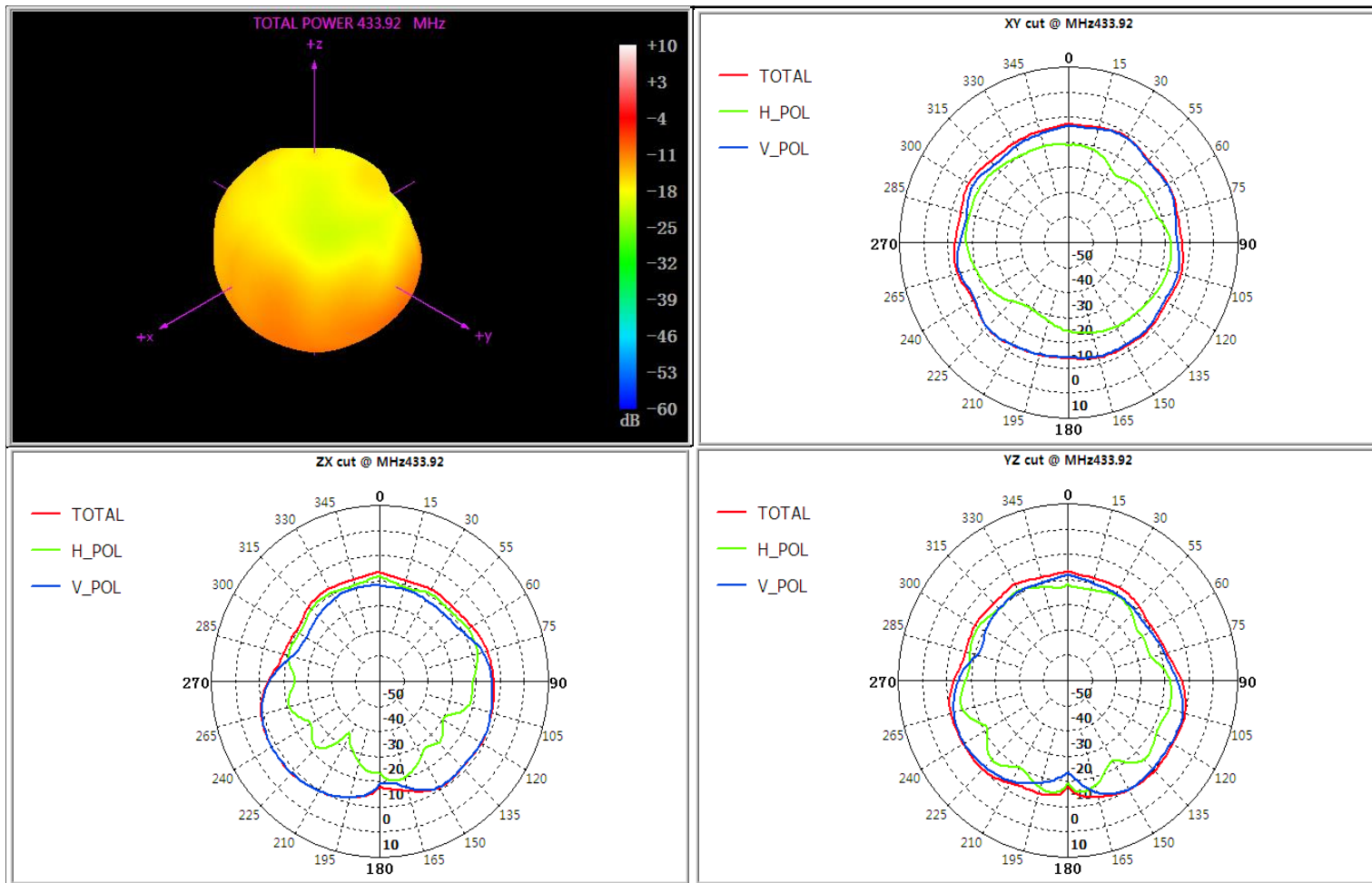
天线辐射方向图

Antenna Radiation Pattern



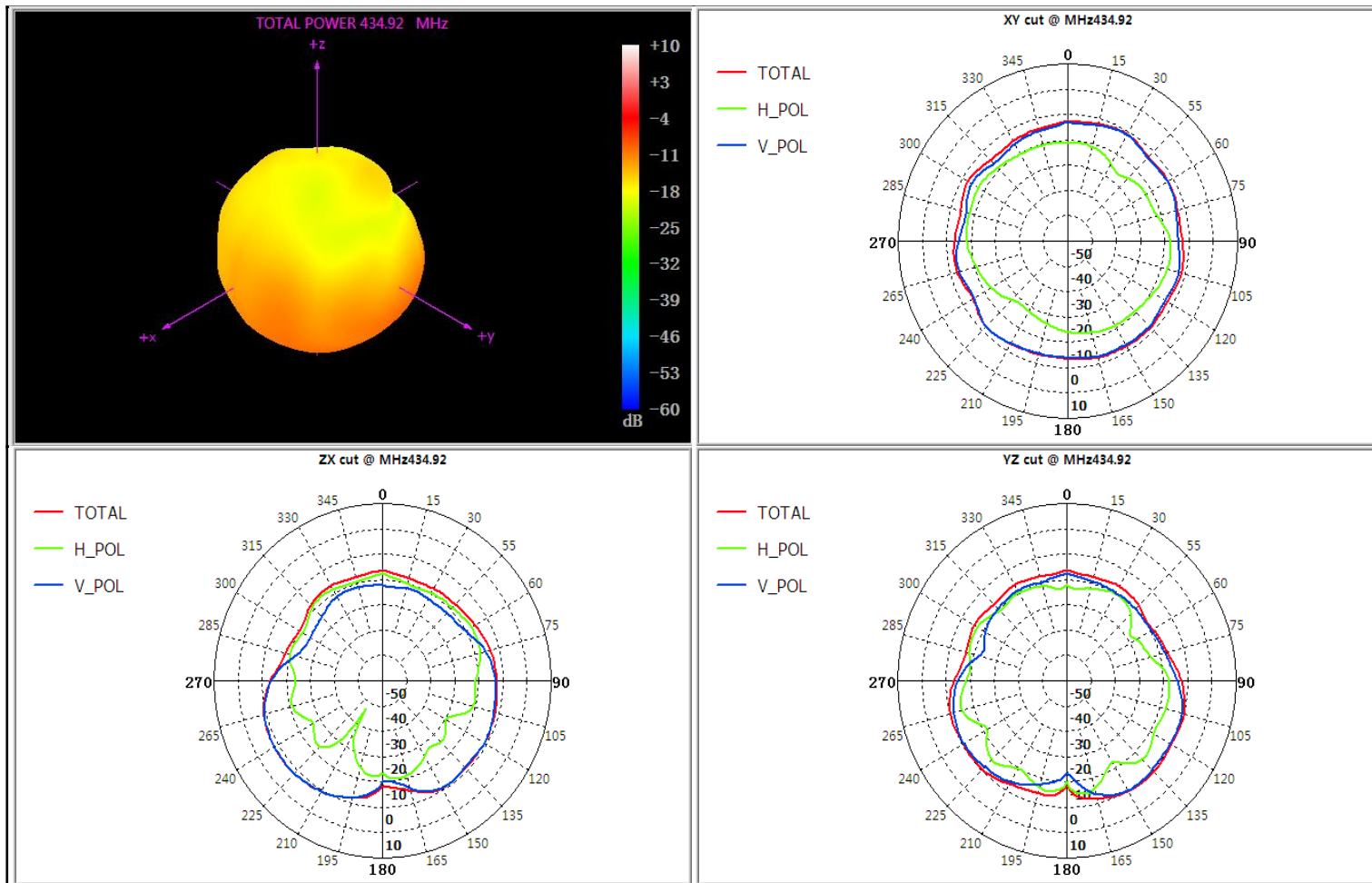
天线辐射方向图

Antenna Radiation Pattern



天线辐射方向图

Antenna Radiation Pattern



Thanks for your support!
感谢您的支持!