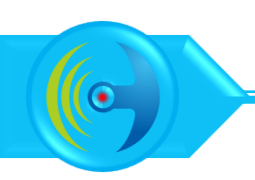


Professional antenna service provider

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

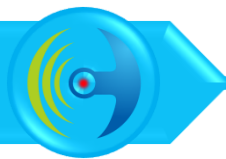
项目型号 EM2273

天线型号 _____

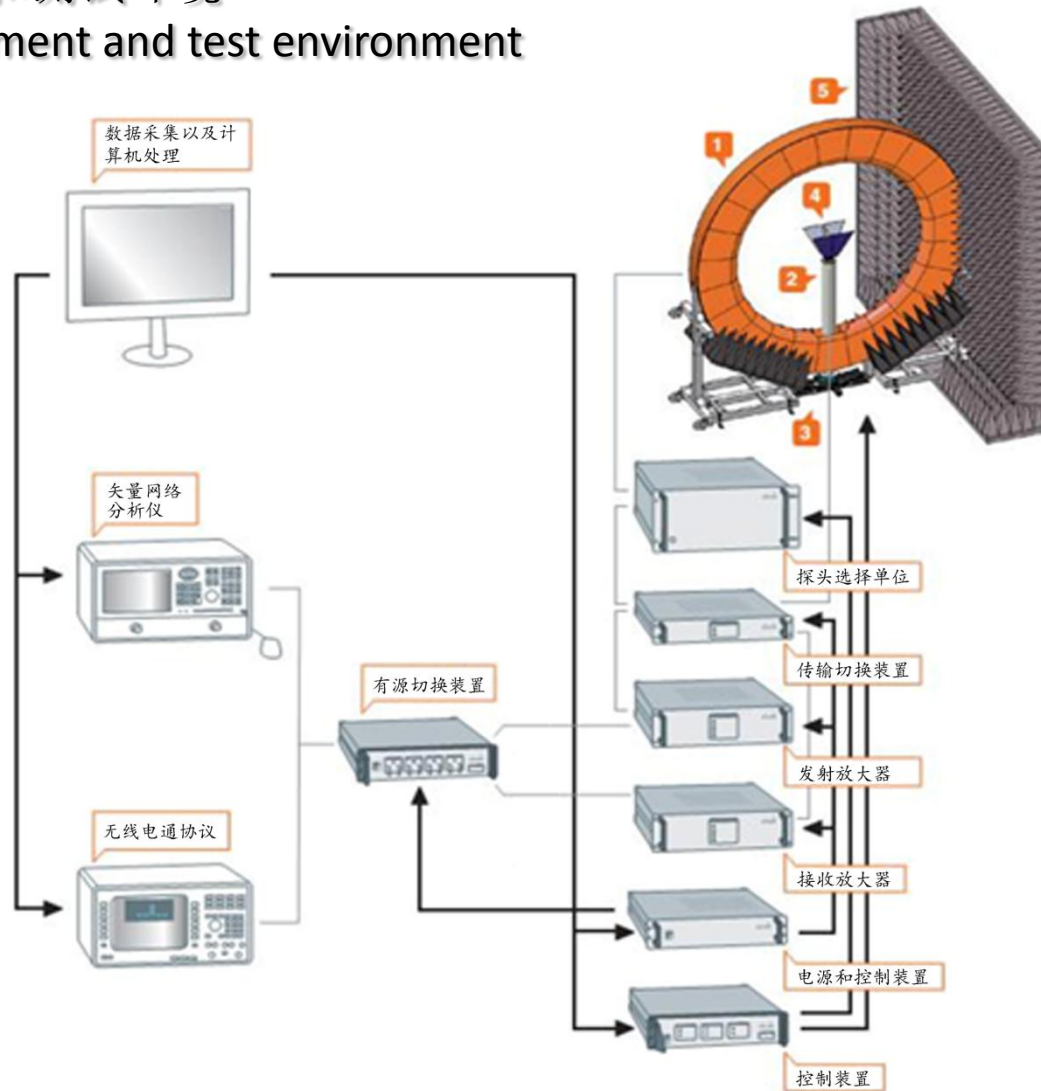
测 试 许高富

审 核 杨权生

日 期 2023-12-28

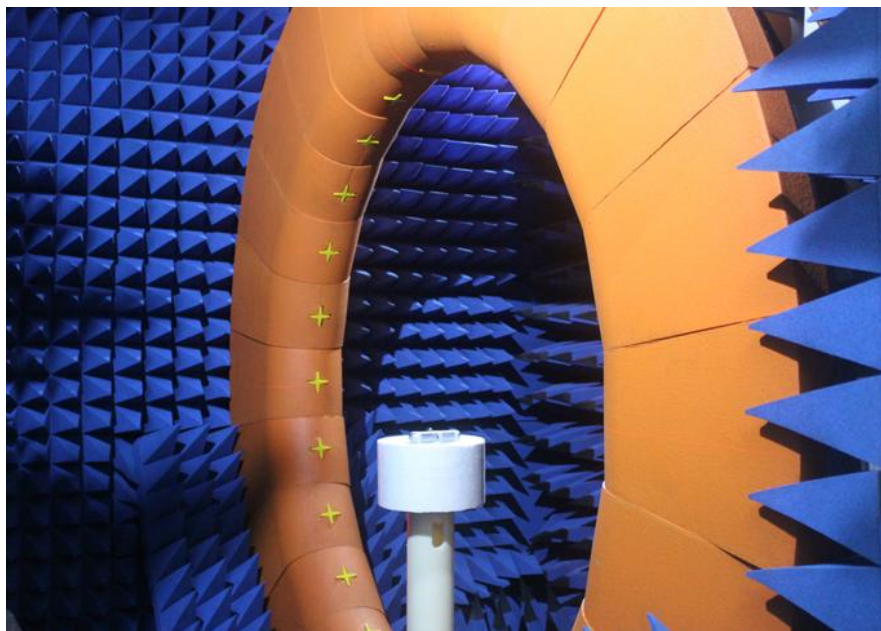


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室

➤ 频率：0.4GHz至6GHz

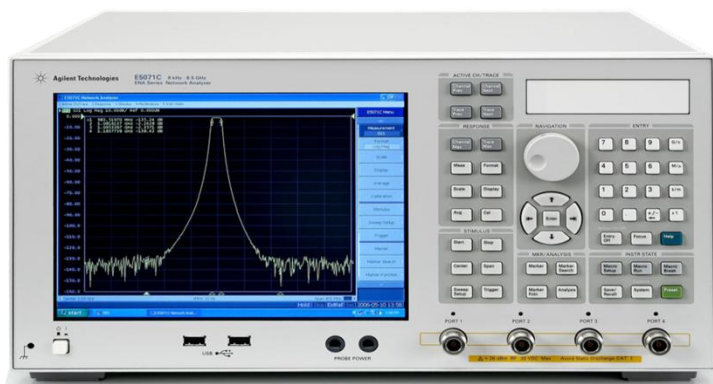
主要测试指标

- ◆ 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



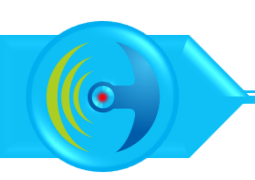
Agilent E5071C 矢量网络分析仪

- 频率：300 kHz至8.5GHz



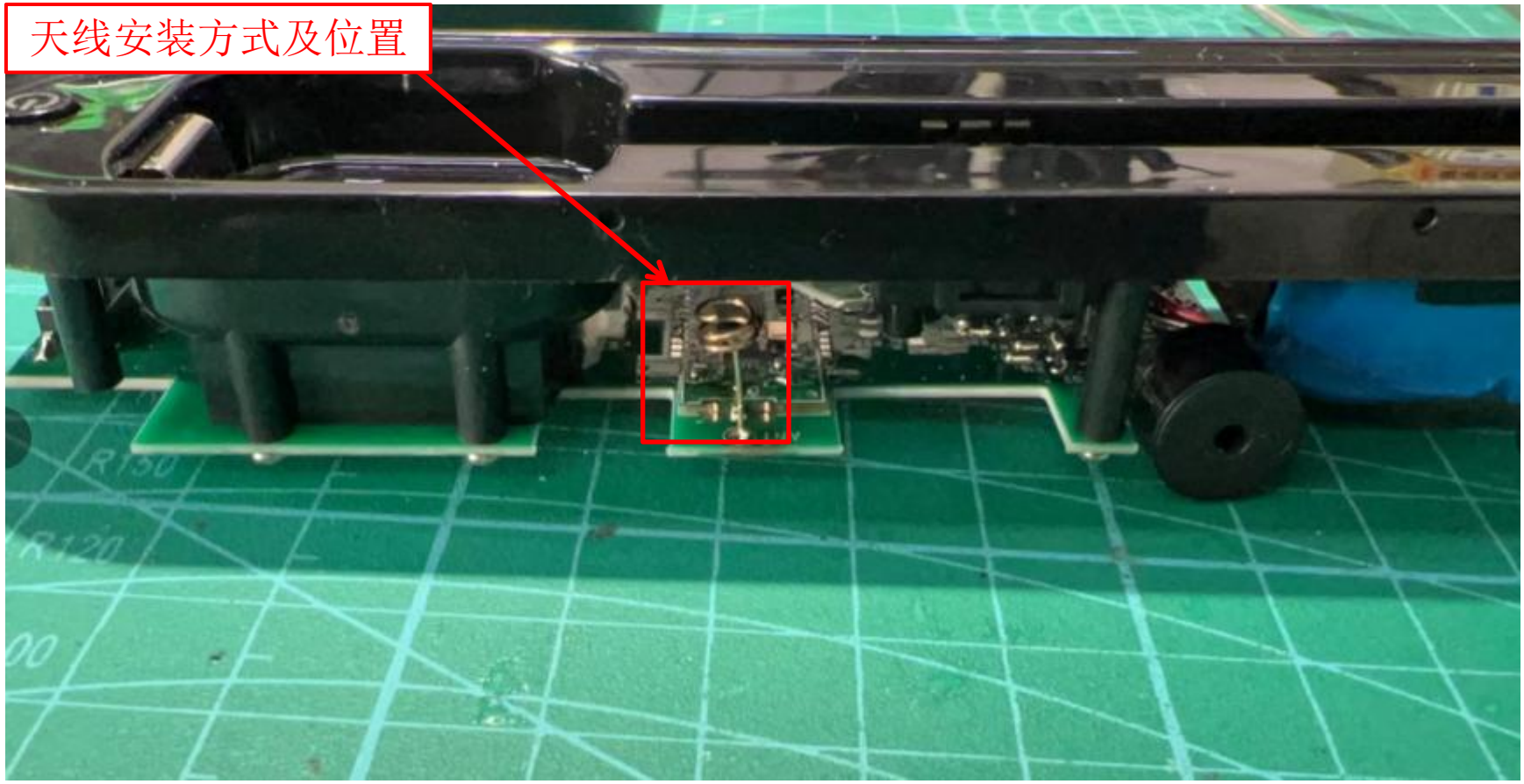
R&S CMW500 宽带无线通信测试仪

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



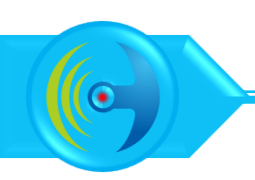
天线安装位置

Passive antenna data

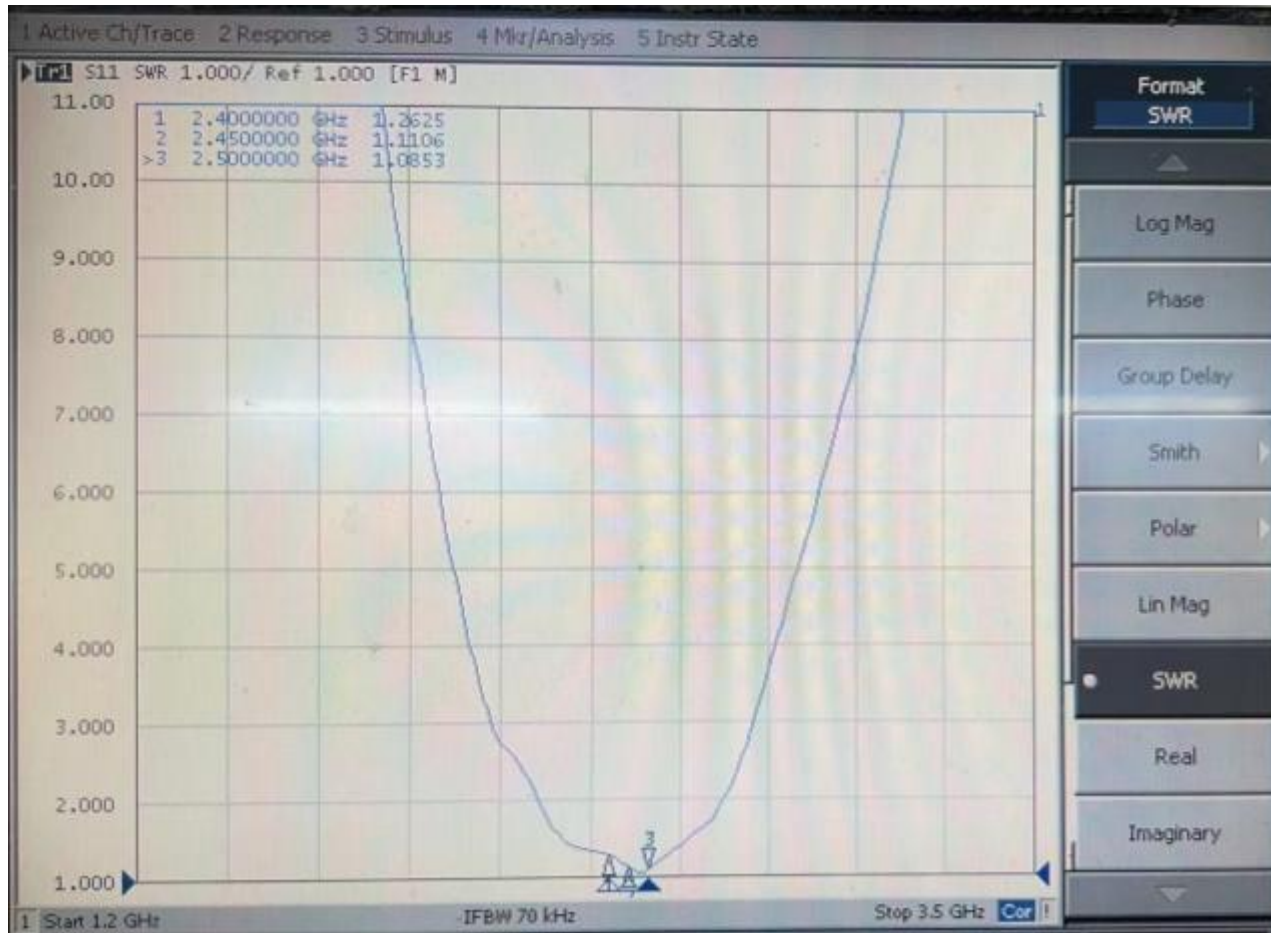


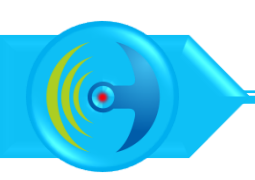
天线安装方式及位置



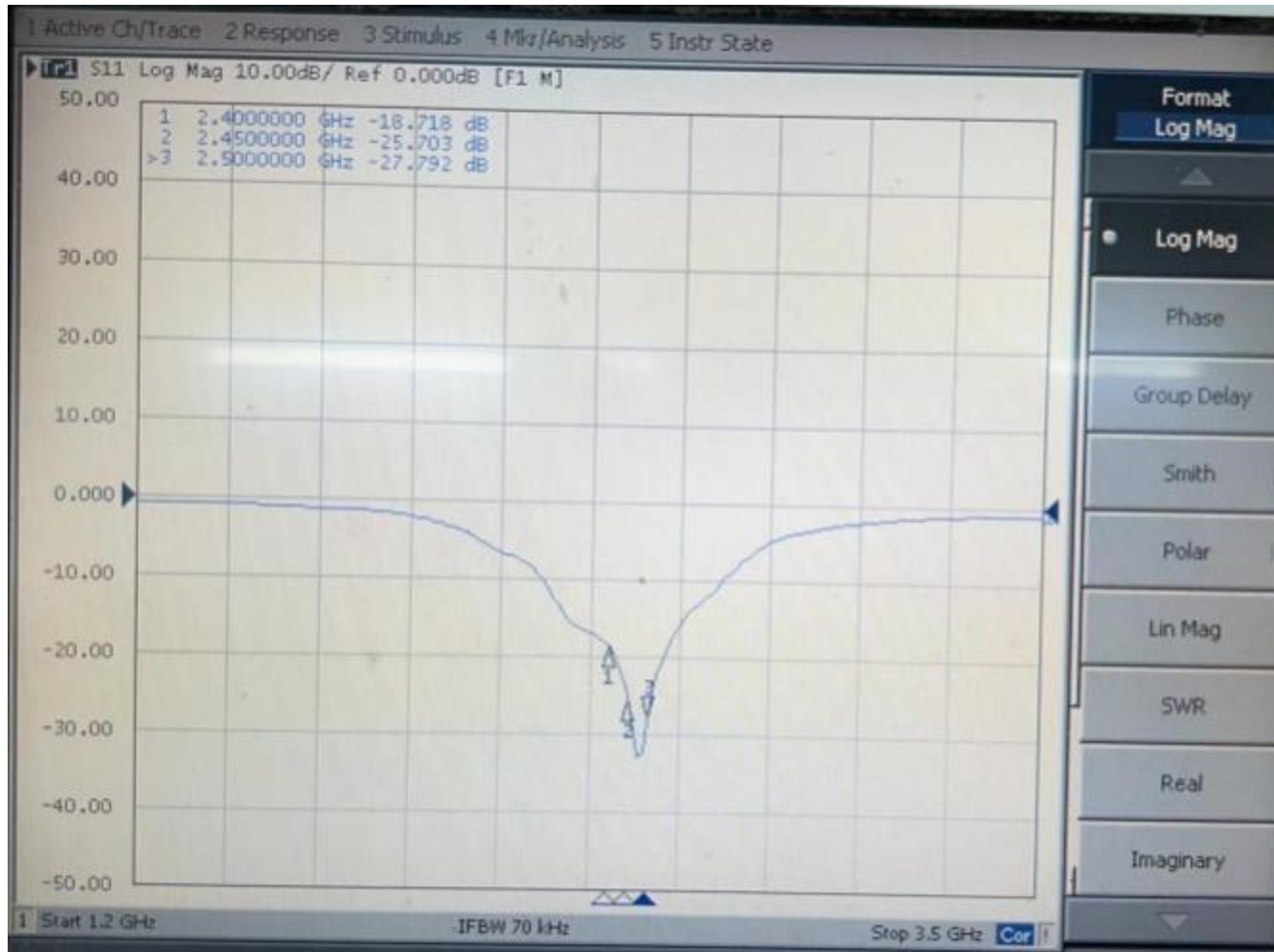


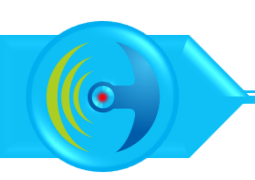
天线驻波比 Antenna SWR





天线回波损耗 Antenna Return loss





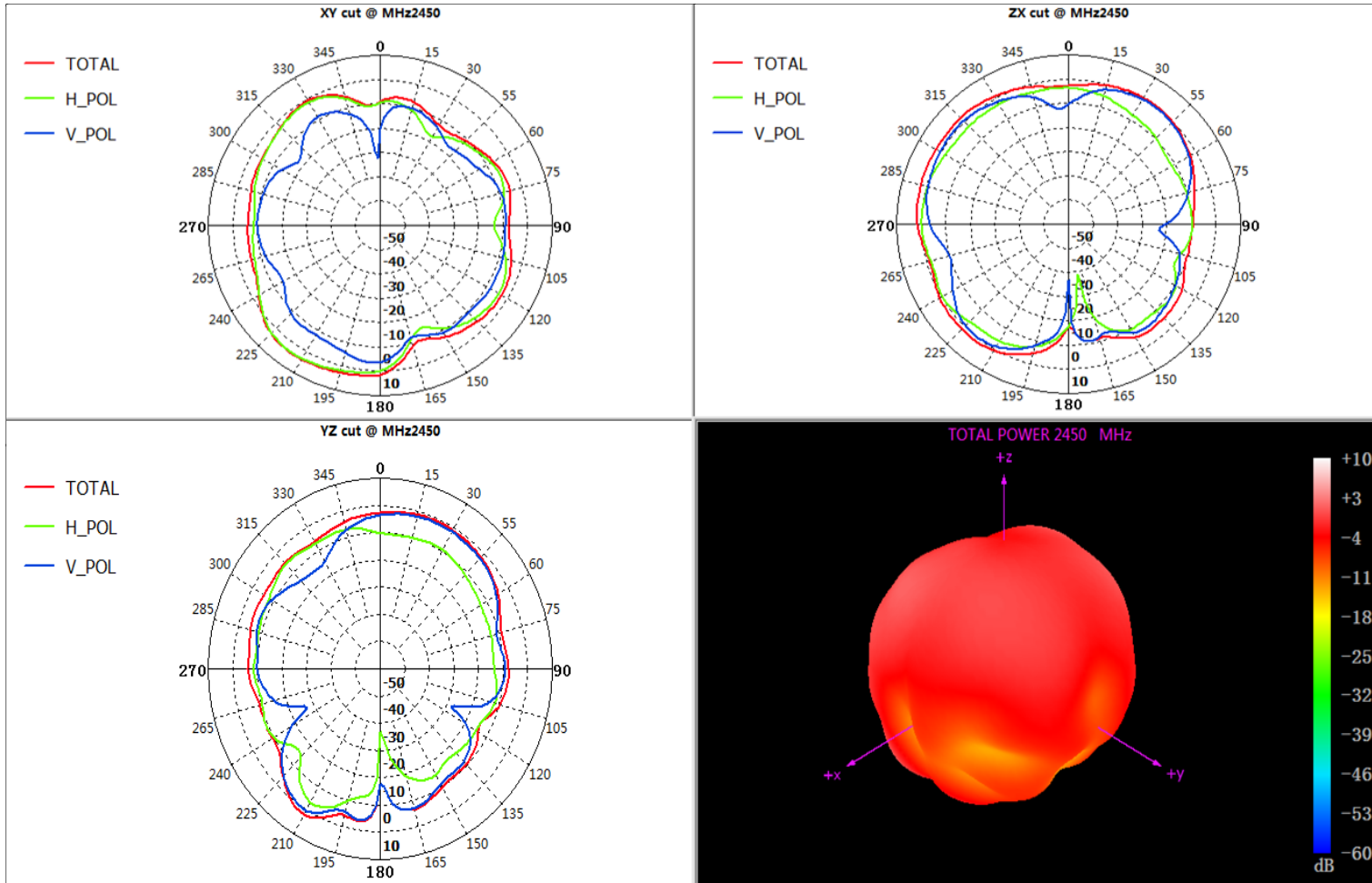
天线增益与效率

Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400 MHz	55.63	2.98
2410 MHz	56.51	3.02
2420 MHz	58.6	3.21
2430 MHz	58.95	3.18
2440 MHz	59.94	3.12
2450 MHz	60.37	3.17
2460 MHz	61.5	3.26
2470 MHz	61.93	3.34
2480 MHz	61.74	3.39
2490 MHz	61.55	3.35
2500 MHz	58.05	3.04



天线辐射方向图 Antenna Radiation Pattern



Thanks for your support !
感谢您的支持！

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