

专业天线服务商

深圳市飞敏科技有限公司

SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



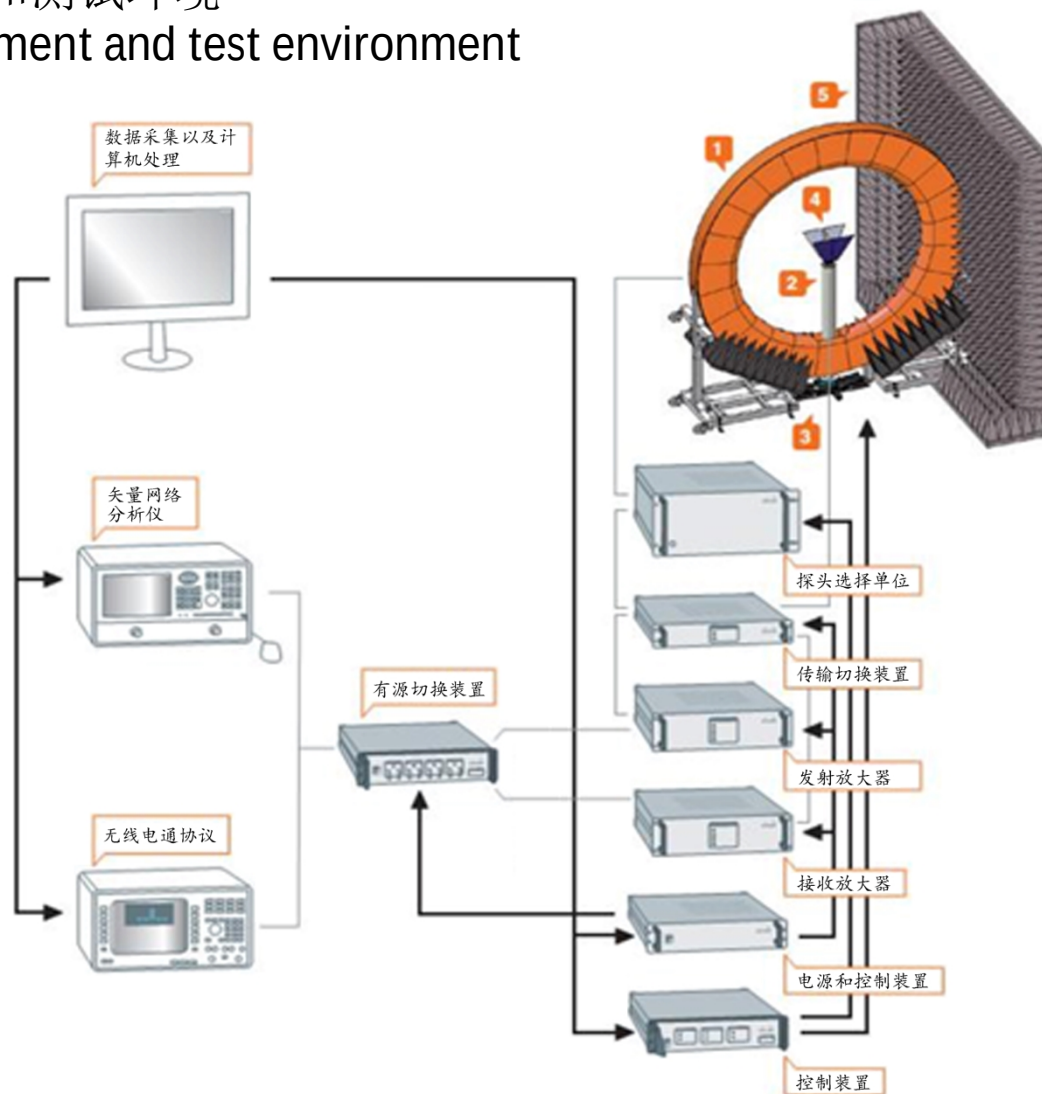
天线测试报告

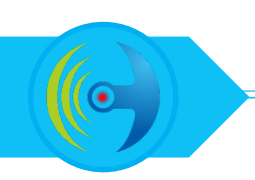
Antenna test report

项目型号	2.4G Antenna
天线型号	
测 试	许高富
审 核	夏兴喜
日 期	2024-12-3

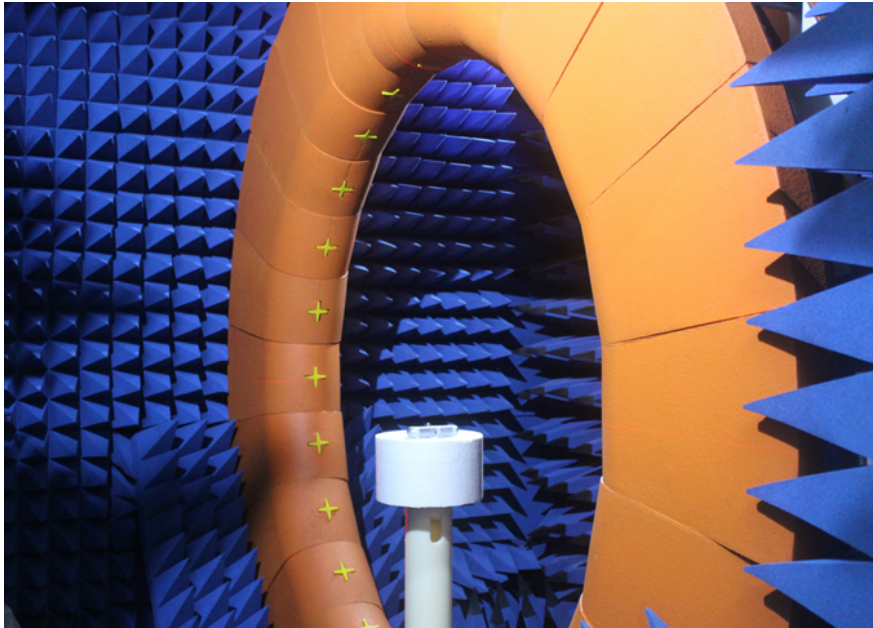


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室

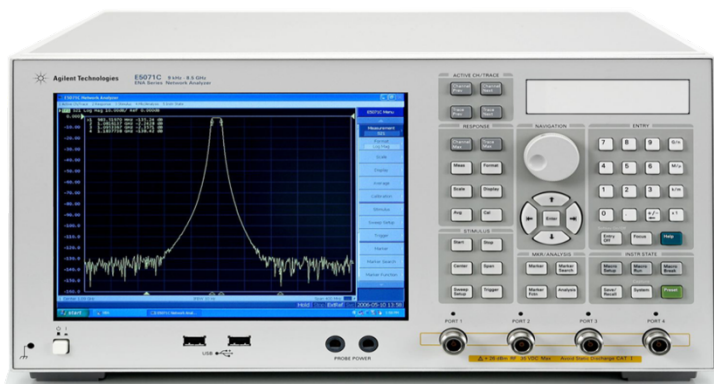
➤ 频率：0.4GHz至6GHz

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



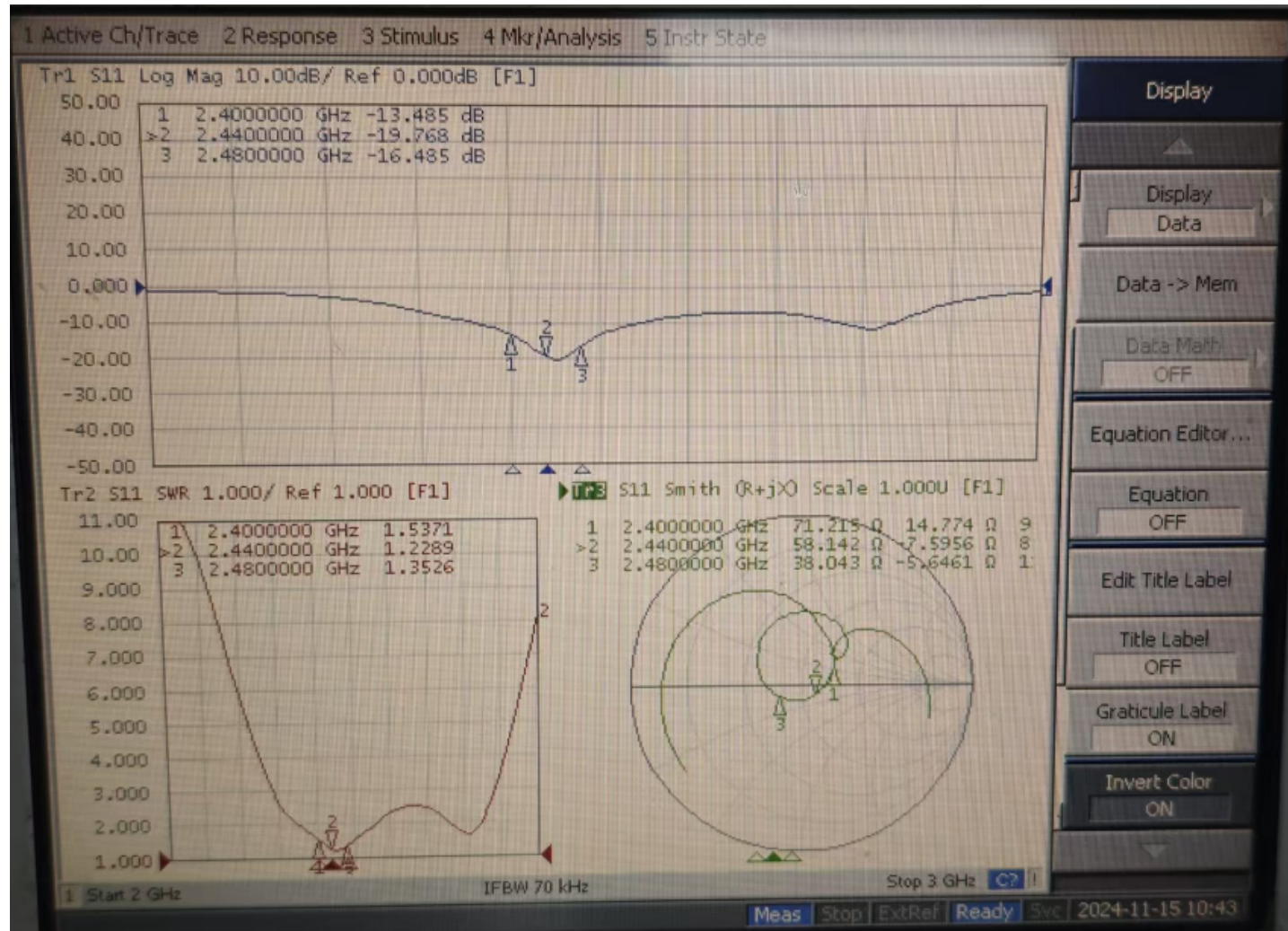
R&S CMW500 宽带无线通信测试仪

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



天线驻波比
Antenna SWR

天线回波损耗
Antenna Return loss



Display

Display
Data

Data -> Mem

Data Math
OFF

Equation Editor...

Equation
OFF

Edit Title Label

Title Label
OFF

Graticule Label
ON

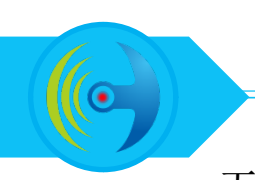
Invert Color
ON

Meas Stop ExtRef Ready Svc 2024-11-15 10:43

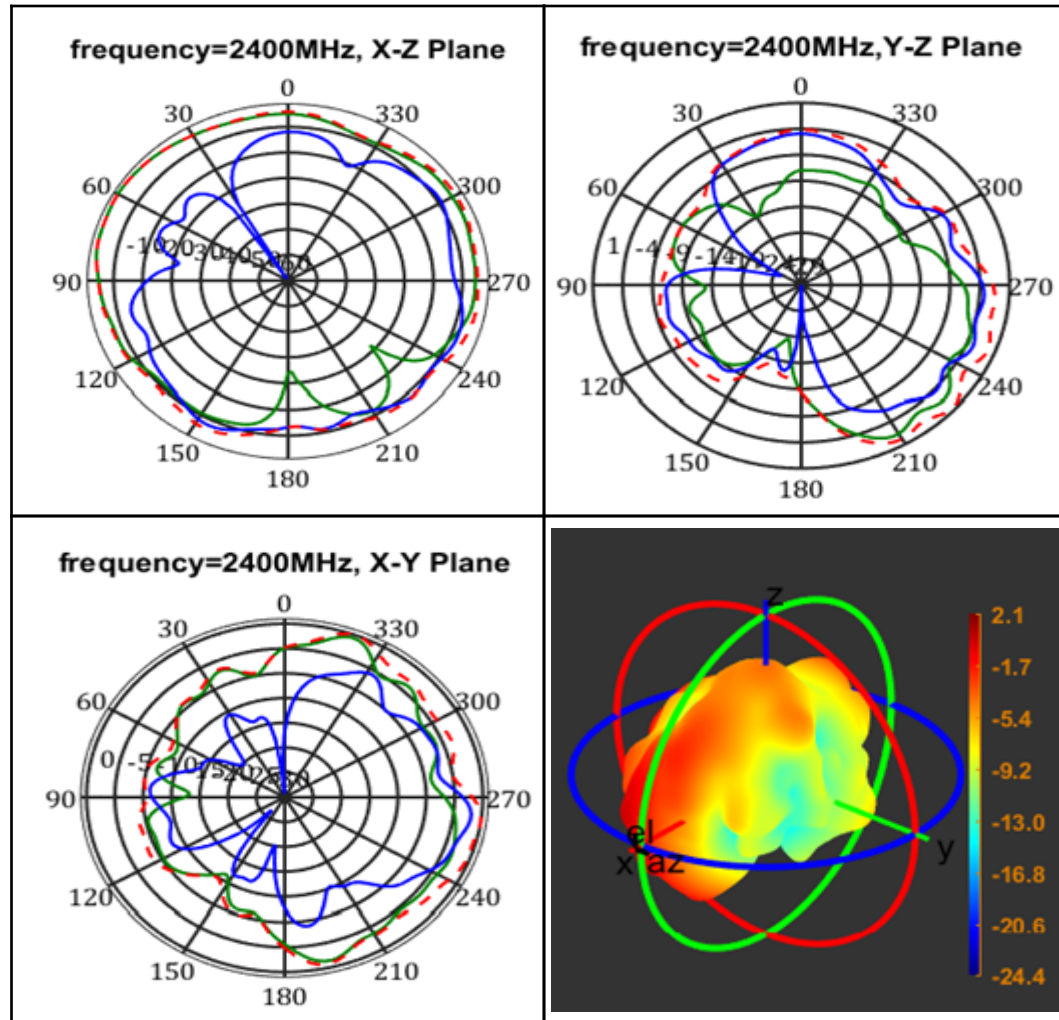
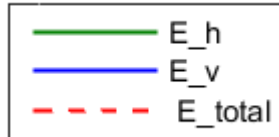


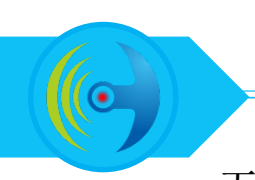
天线增益与效率
Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	31.30	2.13
2410	31.67	2.36
2420	31.92	2.55
2430	32.05	2.20
2440	33.34	2.26
2450	33.86	2.80
2460	34.34	2.86
2470	33.67	2.77
2480	33.38	2.56
2490	34.10	3.47
2500	34.35	3.10

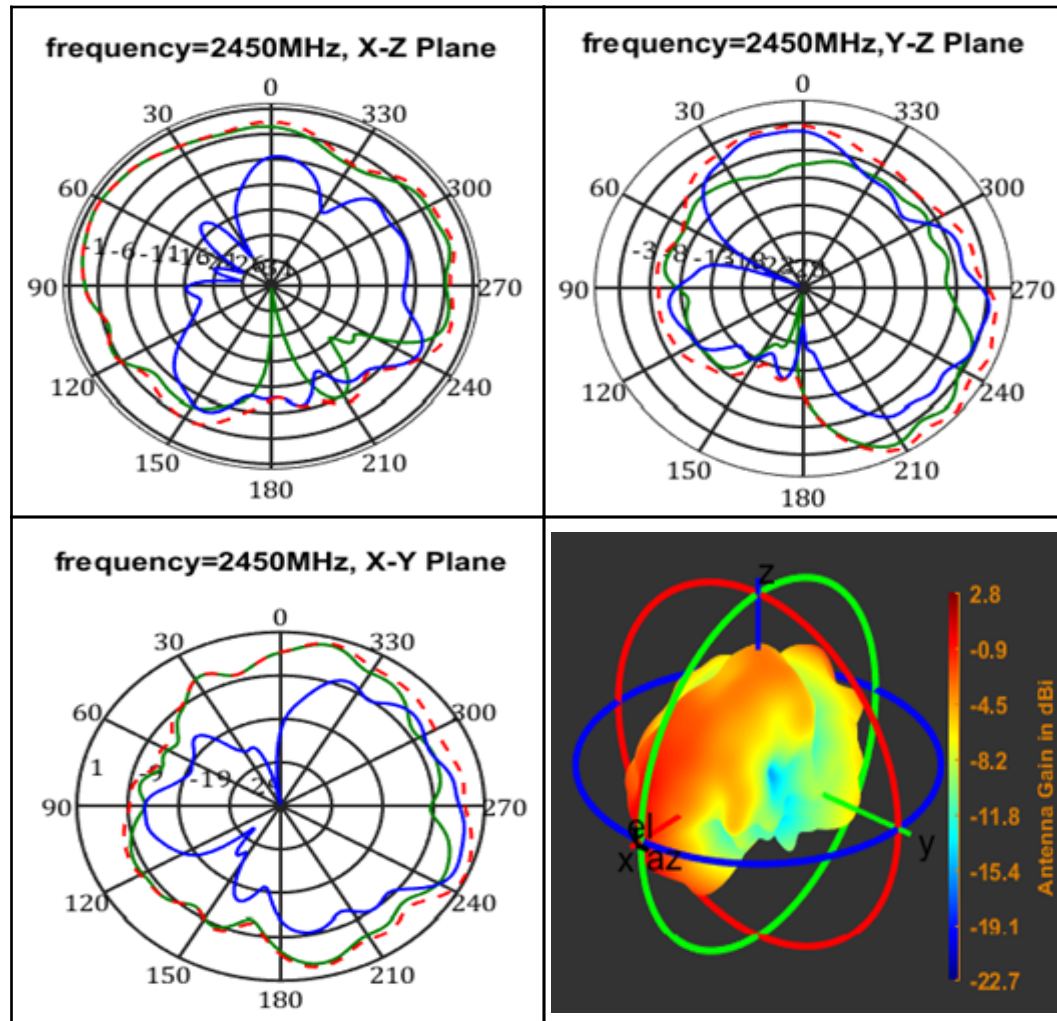
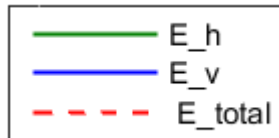


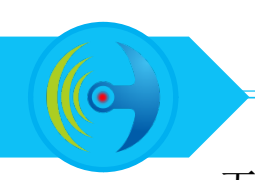
天线辐射方向图 Antenna Radiation Pattern



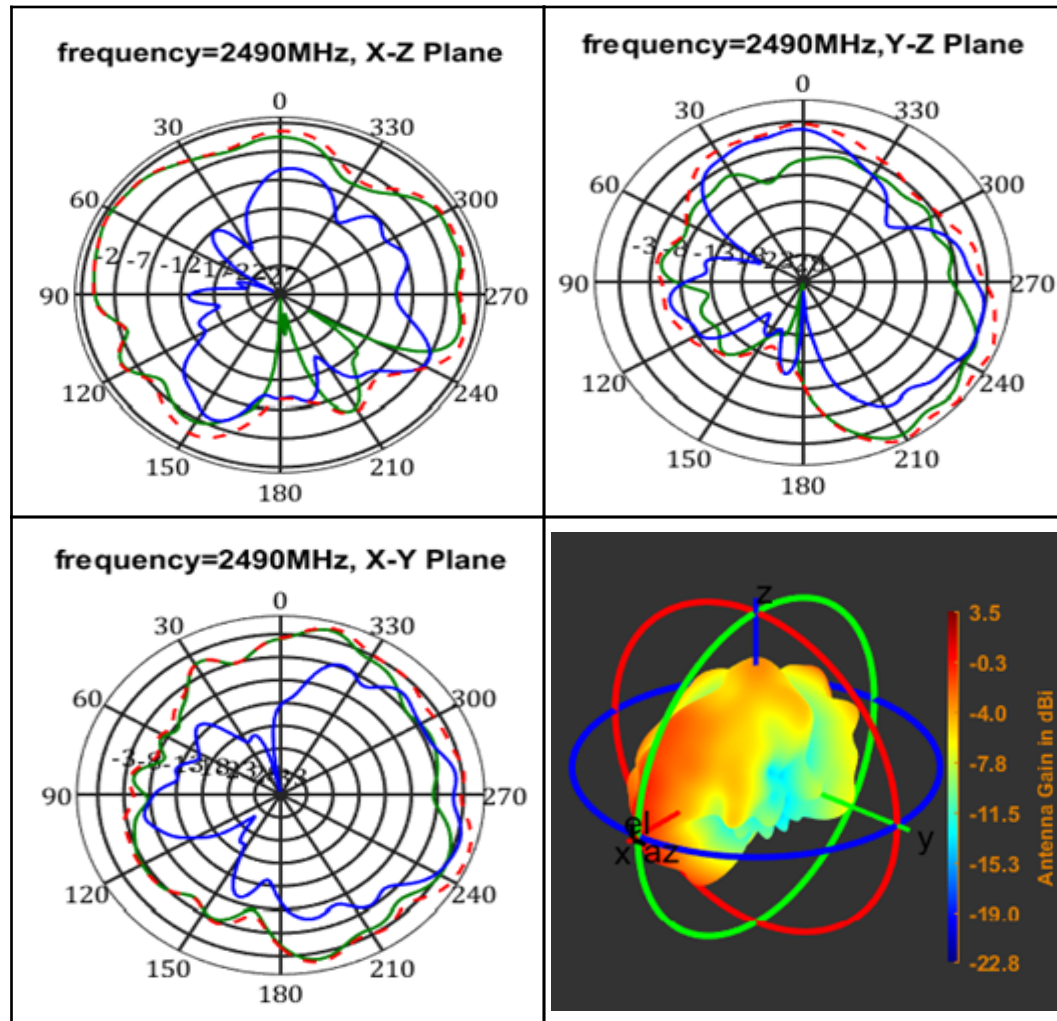
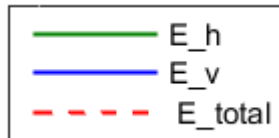


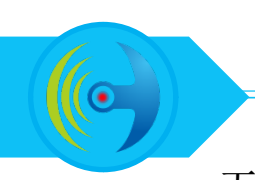
天线辐射方向图 Antenna Radiation Pattern



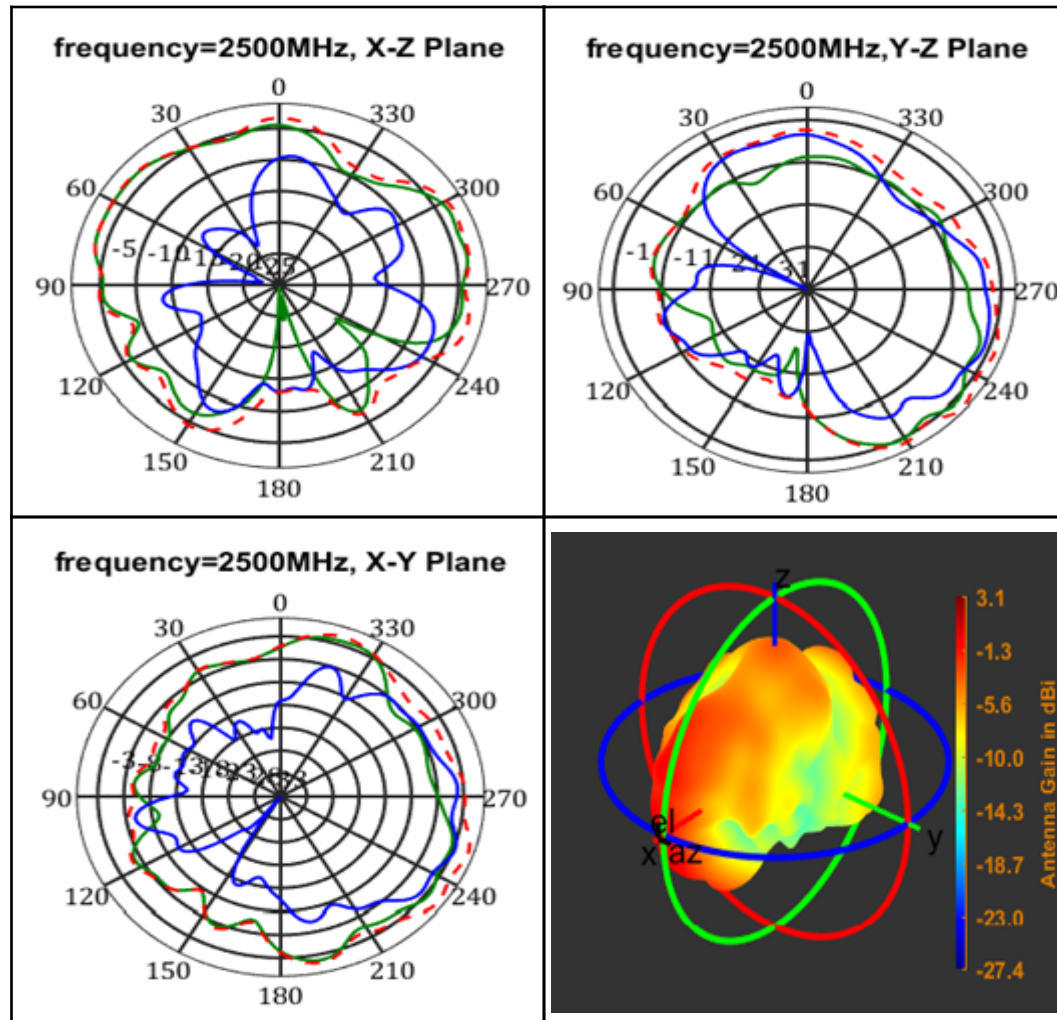
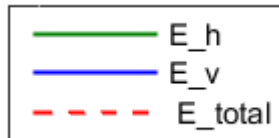


天线辐射方向图 Antenna Radiation Pattern





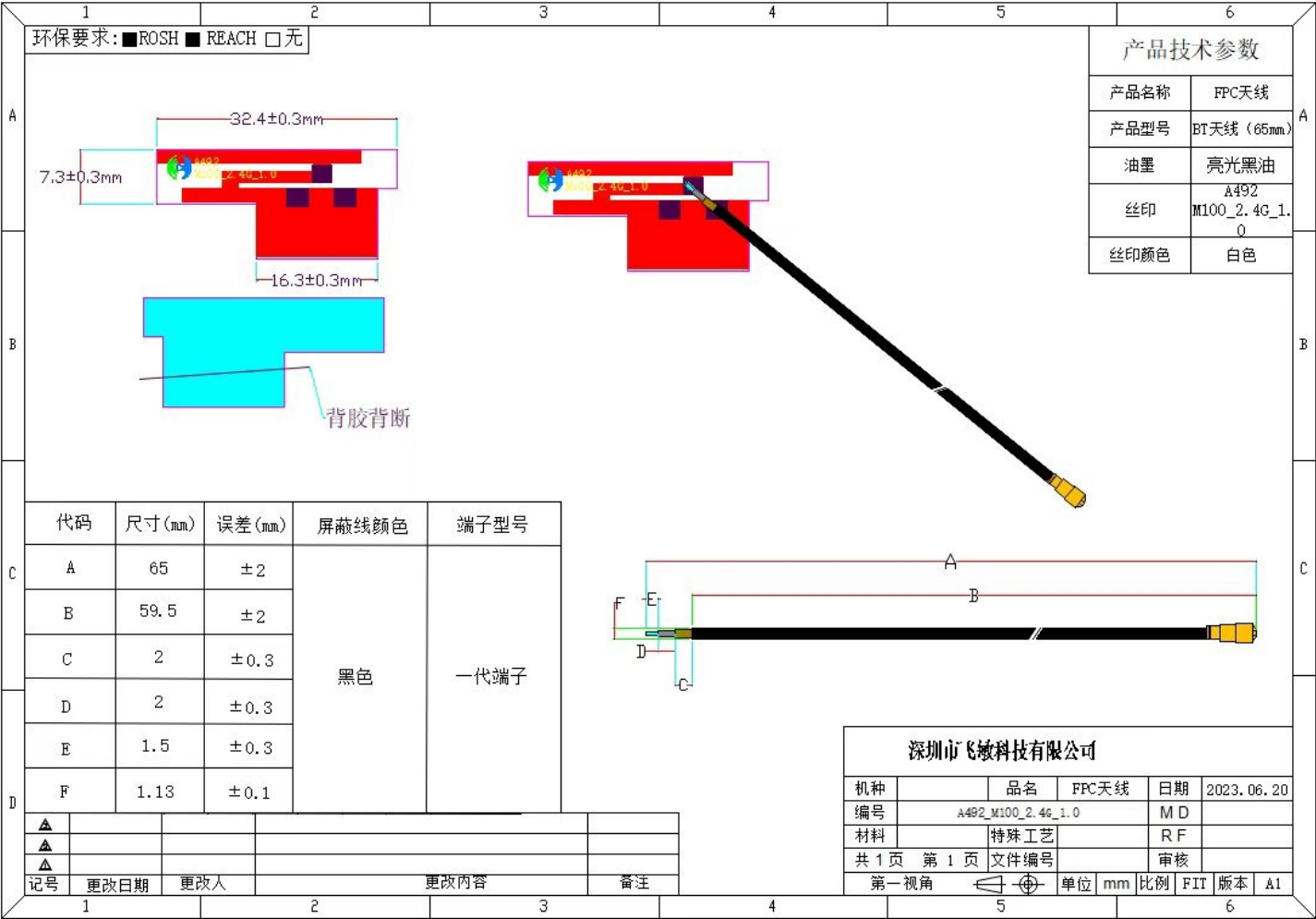
天线辐射方向图 Antenna Radiation Pattern





天线尺寸

Antenna Size



Thanks for your support!
感谢您的支持！

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