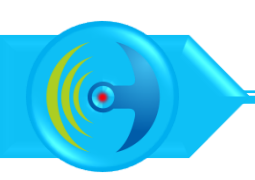


# 专业天线服务商

深圳市飞敏科技有限公司  
SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.

---

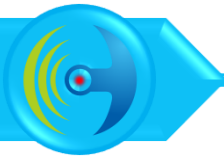


# 天线规格书

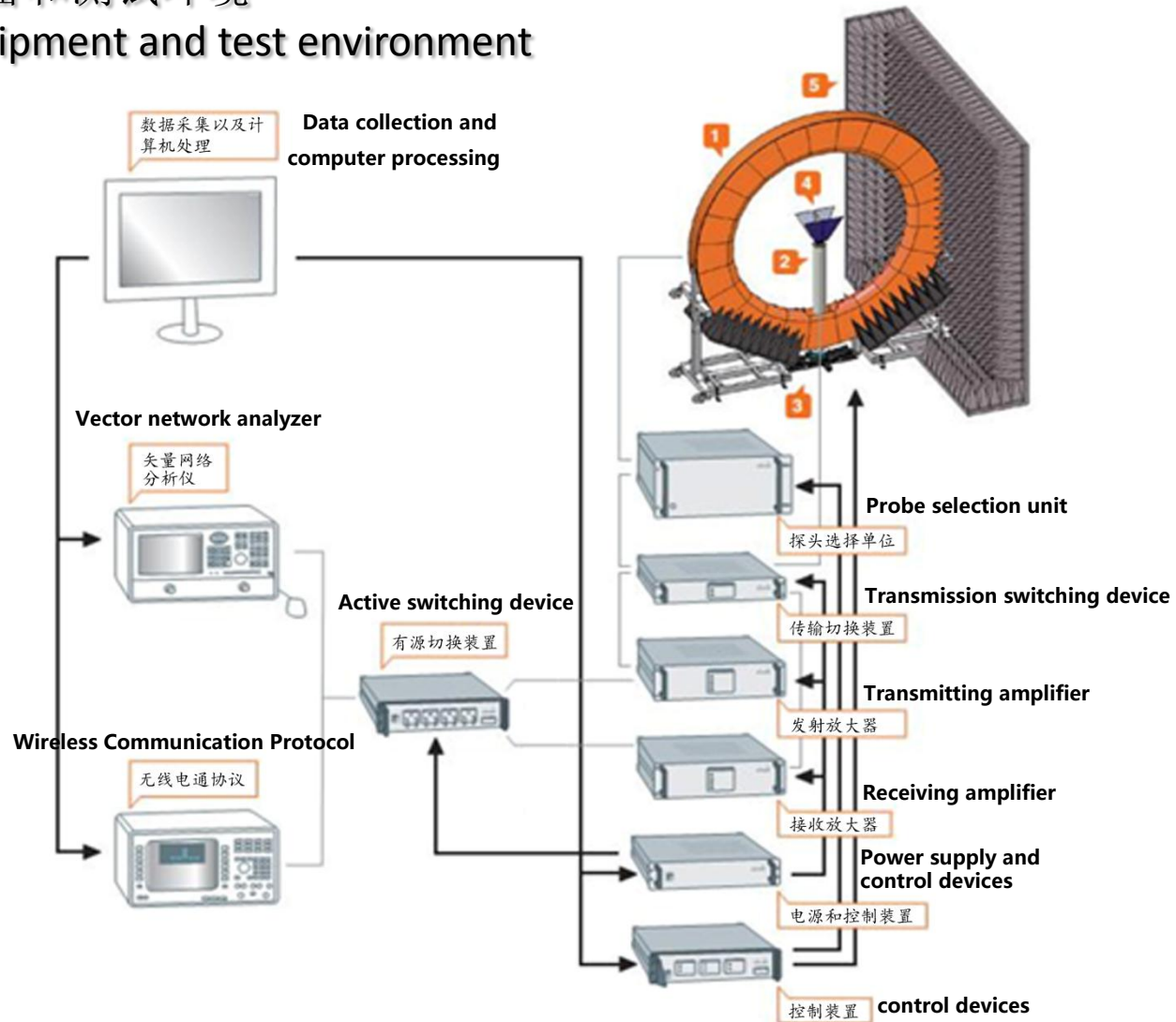
Antenna specification

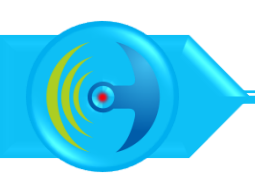
**Antenna model** FS102

**Antenna Type** PCB Printed Antenna

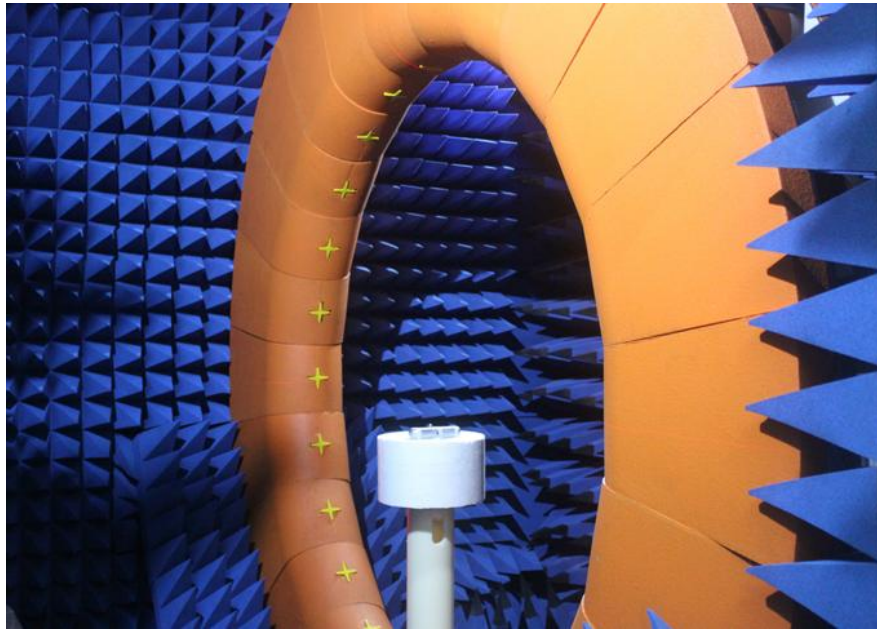


# 测试设备和测试环境 Test equipment and test environment





## 测试设备 Test equipment

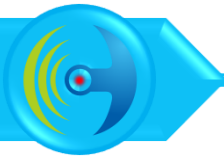


探头微波暗室 Probe microwave darkroom

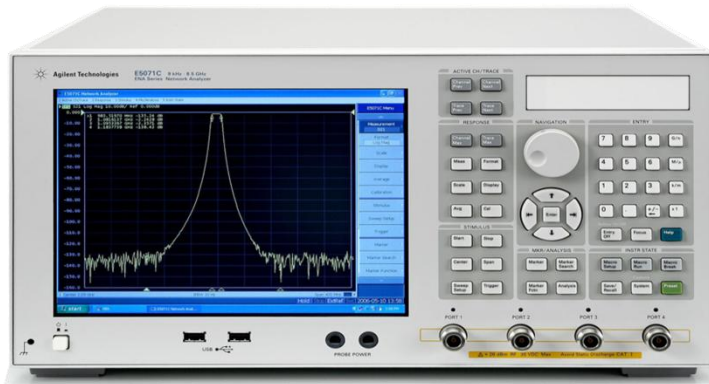
- 频率 : 0.4GHz至6GHz  
Frequency: 0.4GHz-6GHz

## Main test indicators

- ◆ Passive indicators
  - ◆ Gain
  - ◆ Efficiency
  - ◆ 3D directional map
- Active indicators
  - TRP total radiation power
  - TIS total reception sensitivity



## 测试设备 Test equipment



Agilent E5071C Vector network analyzer

- frequency : 300 kHz-8.5GHz



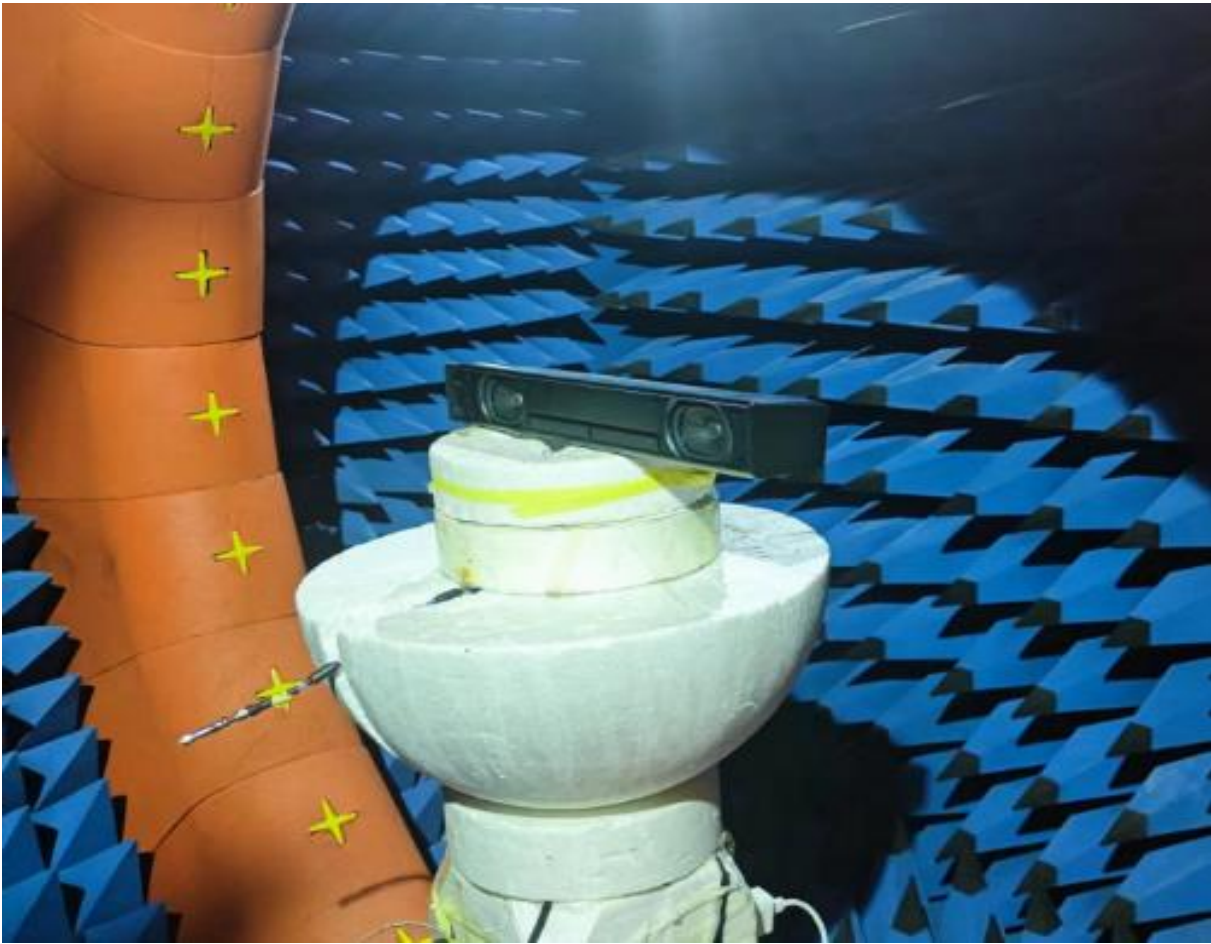
R&S CMW500 Broadband wireless communication tester

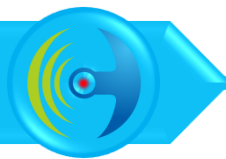
- GSM/3G/4G
- WIFI/ Bluetooth
- NB-IoT





测试拍照  
Test photos





天线安装位置

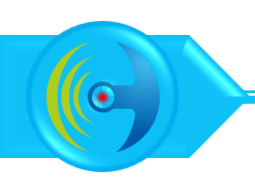
Passive antenna data

Antenna installation and location

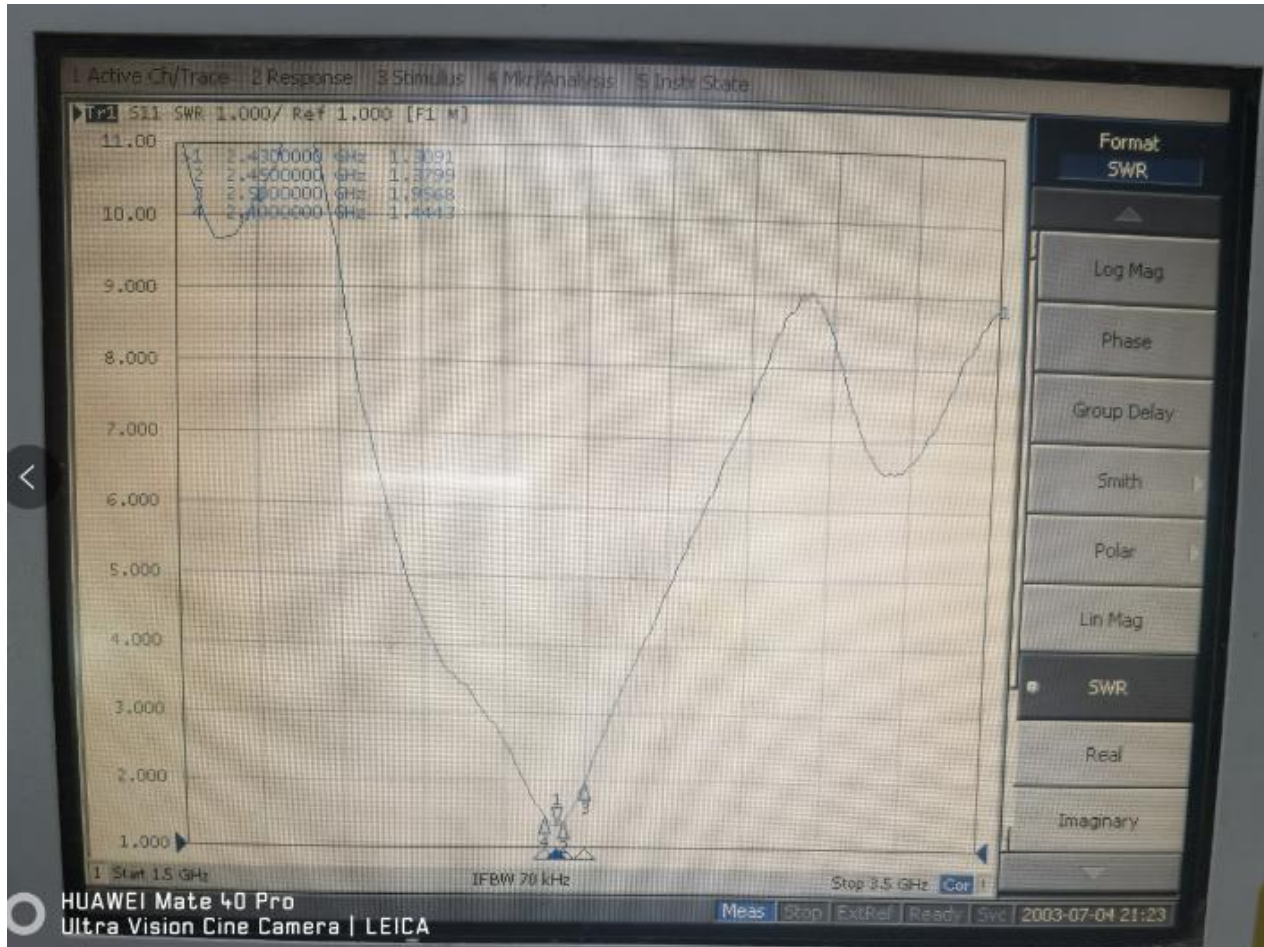


天线安装及位置

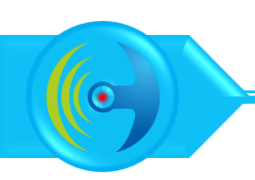




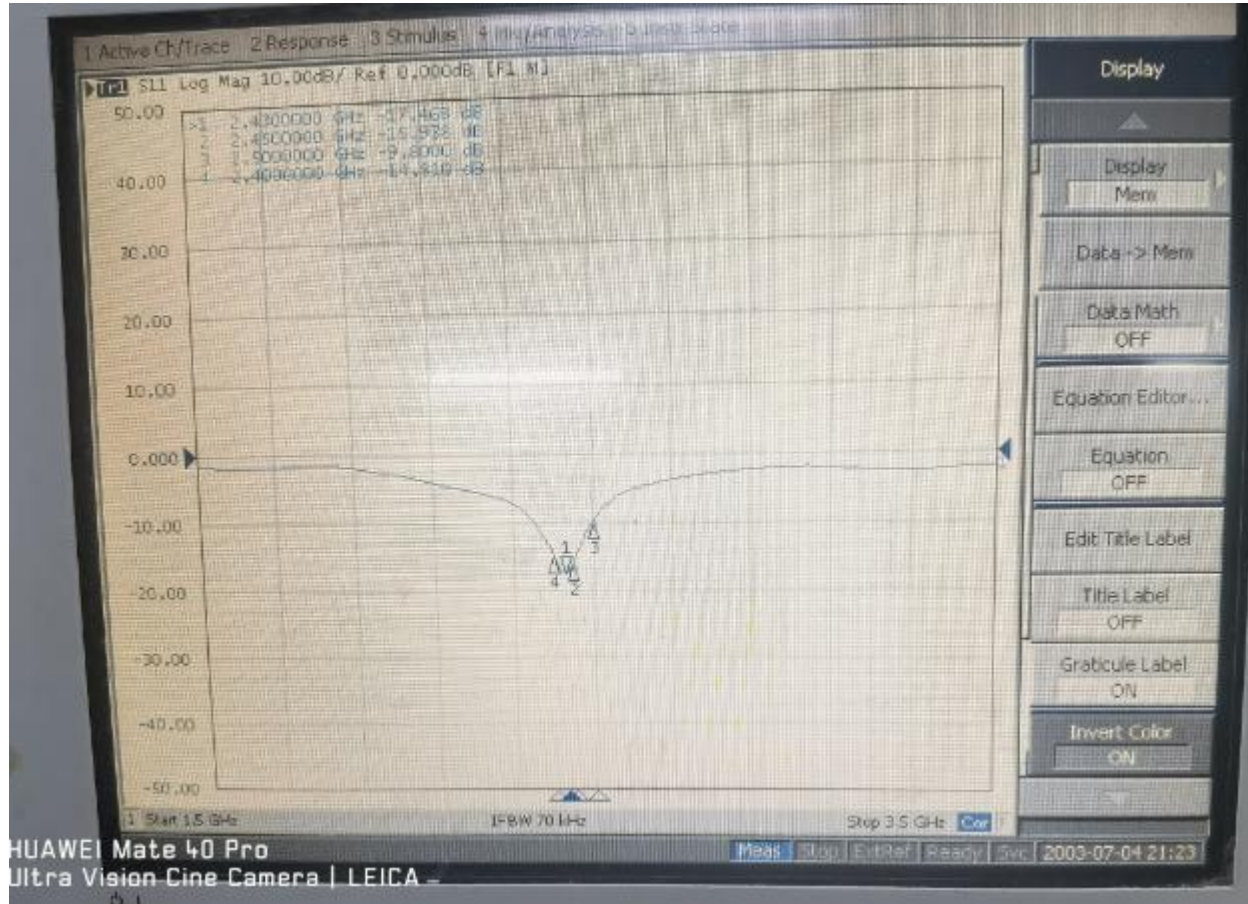
# 天线驻波比 Antenna SWR

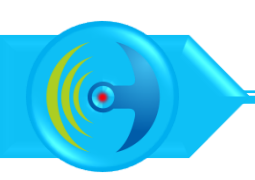






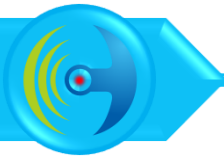
# 天线回波损耗 Antenna Return loss



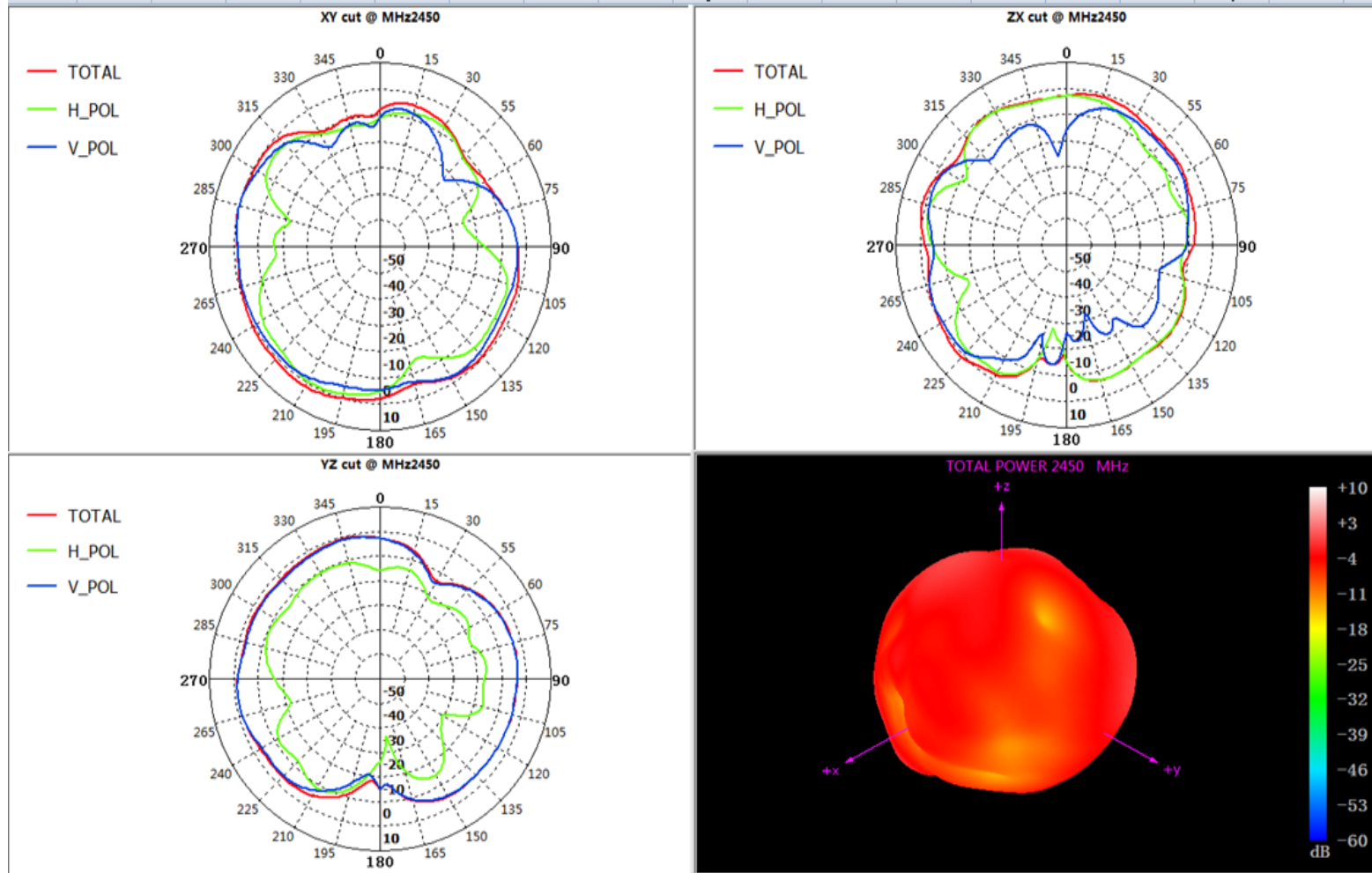


天线增益与效率  
Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	46.32	2.91
2410	48.68	2.27
2420	49.42	2.88
2430	49.01	2.84
2440	47.17	2.68
2450	46.39	2.48
2460	45.53	2.35
2470	44.87	2.32
2480	44.24	2.39
2490	44.16	2.68
2500	43.13	2.93



# 天线辐射方向图 Antenna Radiation Pattern



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

深圳市宝安区西乡固戍恒南一路C栋303  
TEL:(86)755-23035723. FAX:0755-23036702  
E-mail:ant001@fmant.cn

ADD: 303, building C,GUSHU Hengnan Road,Xixiang,Baoan district Shenzhen