

# 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 \_\_\_\_\_

天线型号 \_\_\_\_\_

测 试 魏月娥 \_\_\_\_\_

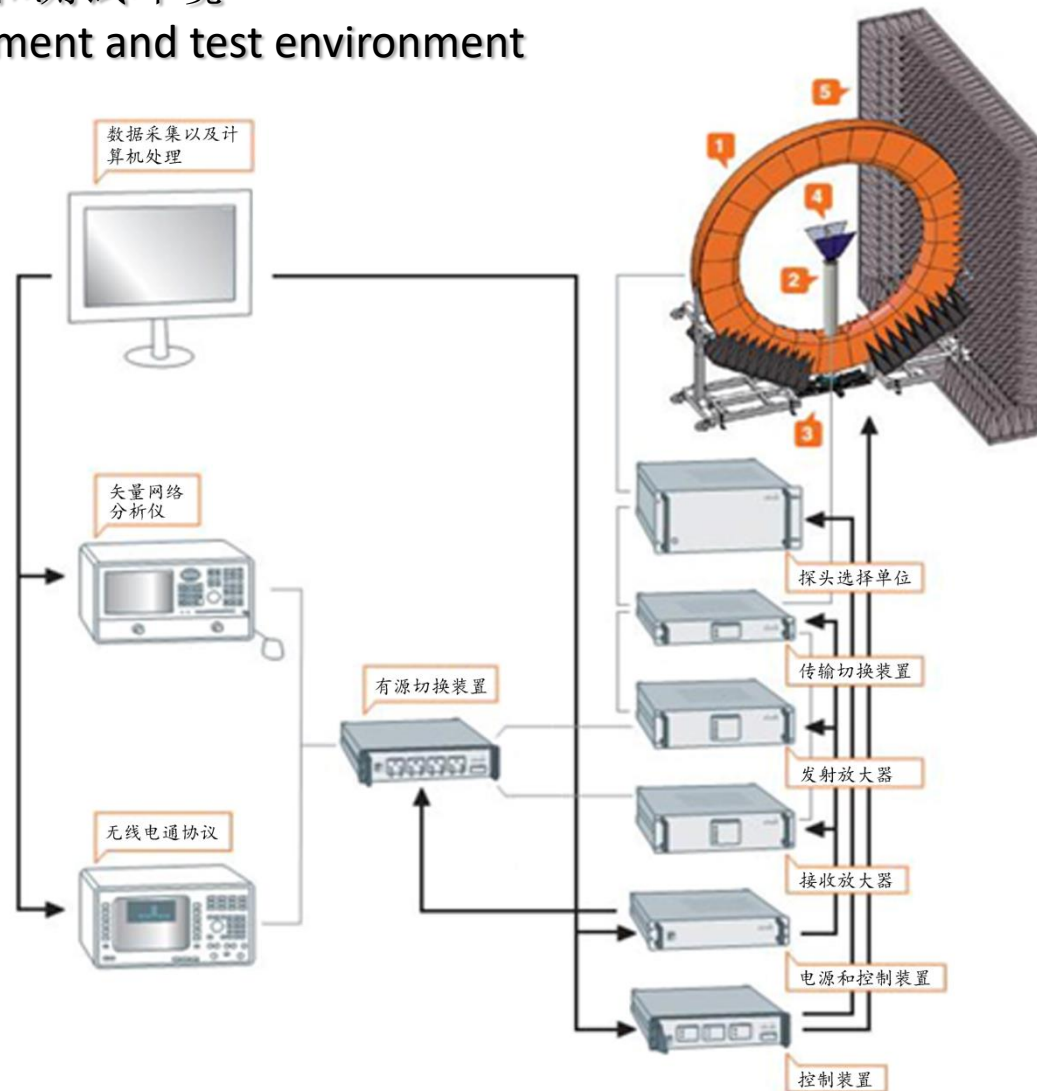
审 核 夏兴喜 \_\_\_\_\_

日 期 2022-09-08 \_\_\_\_\_



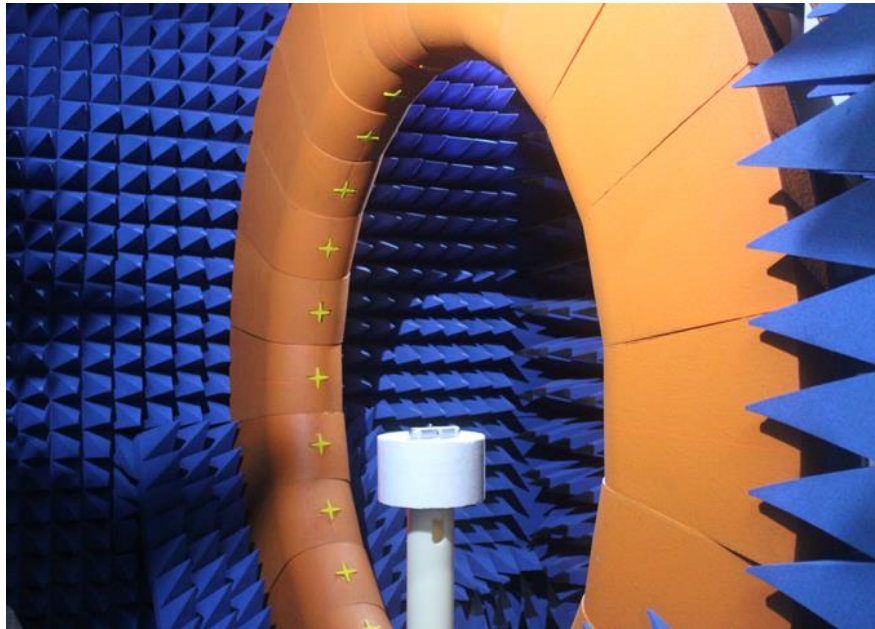
## 测试设备和测试环境

### Test equipment and test environment





## 测试设备 Test equipment



探头微波暗室

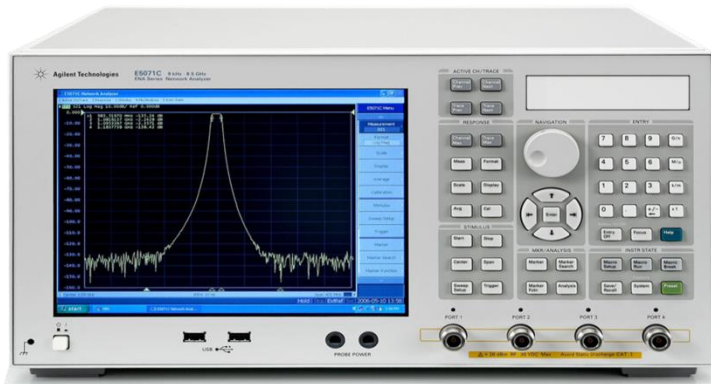
➤ 频率：0.4GHz至6GHz

## 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

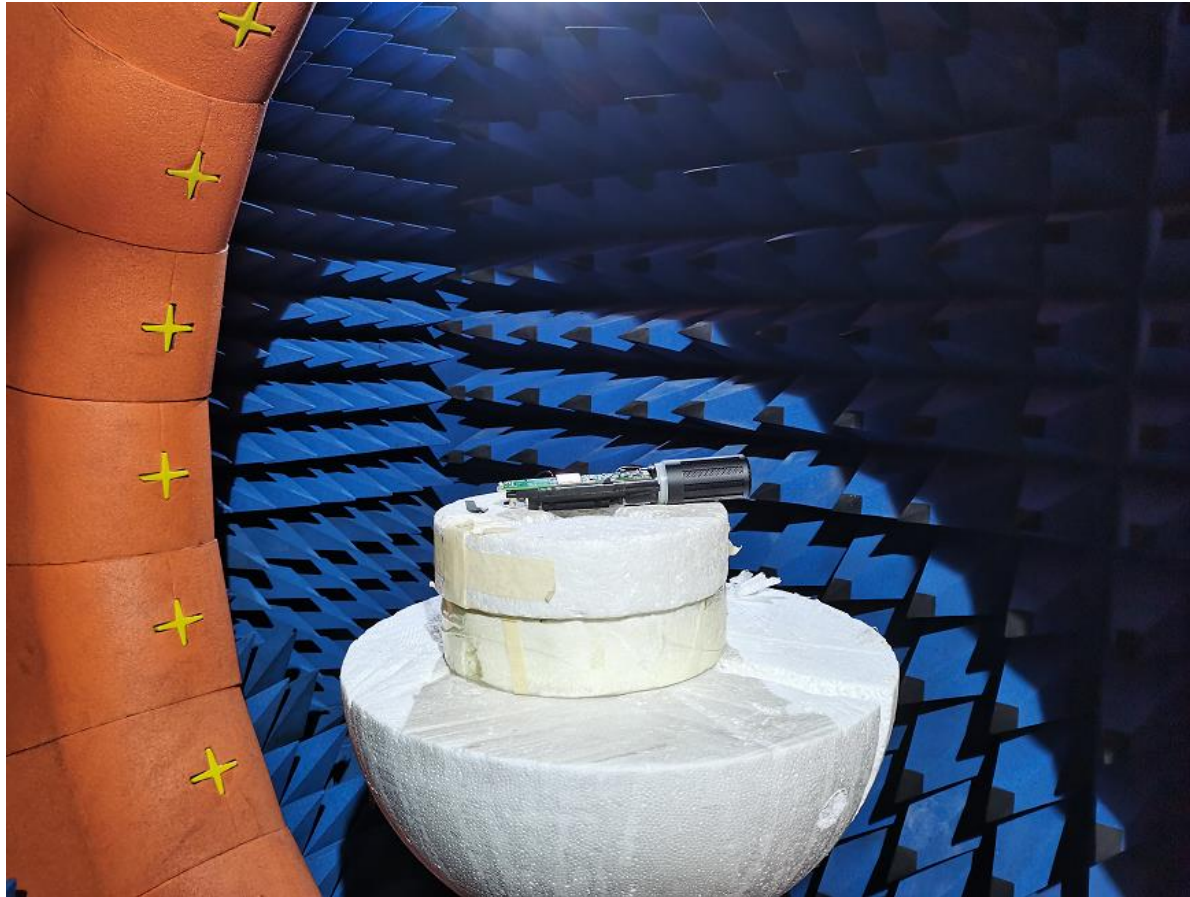


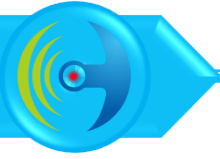
R&S CMW500 宽带无线通信测试仪

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



测试拍照  
Test photos





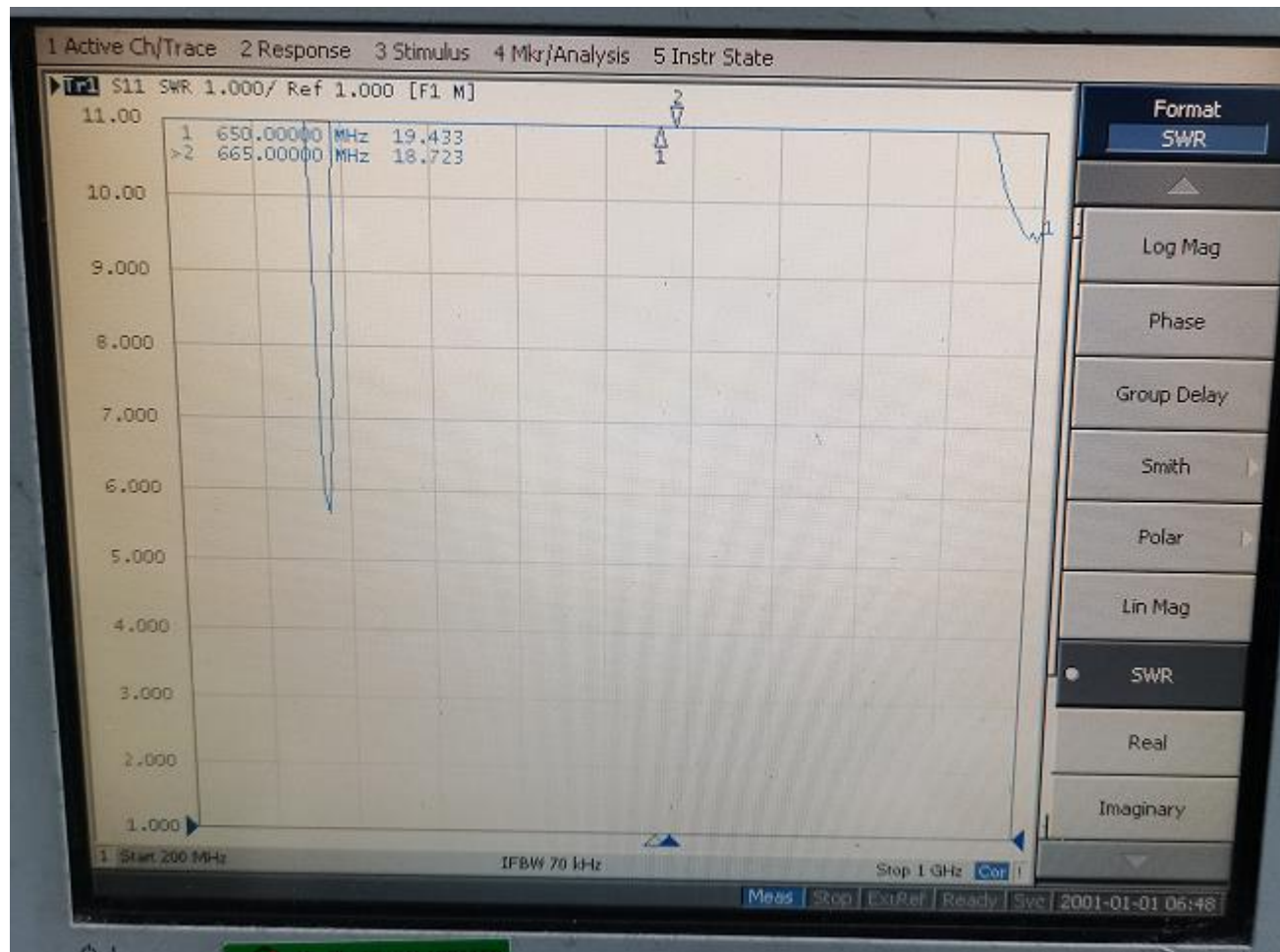
天线安装位置

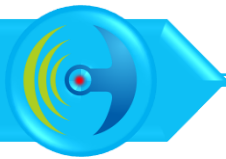
Passive antenna data





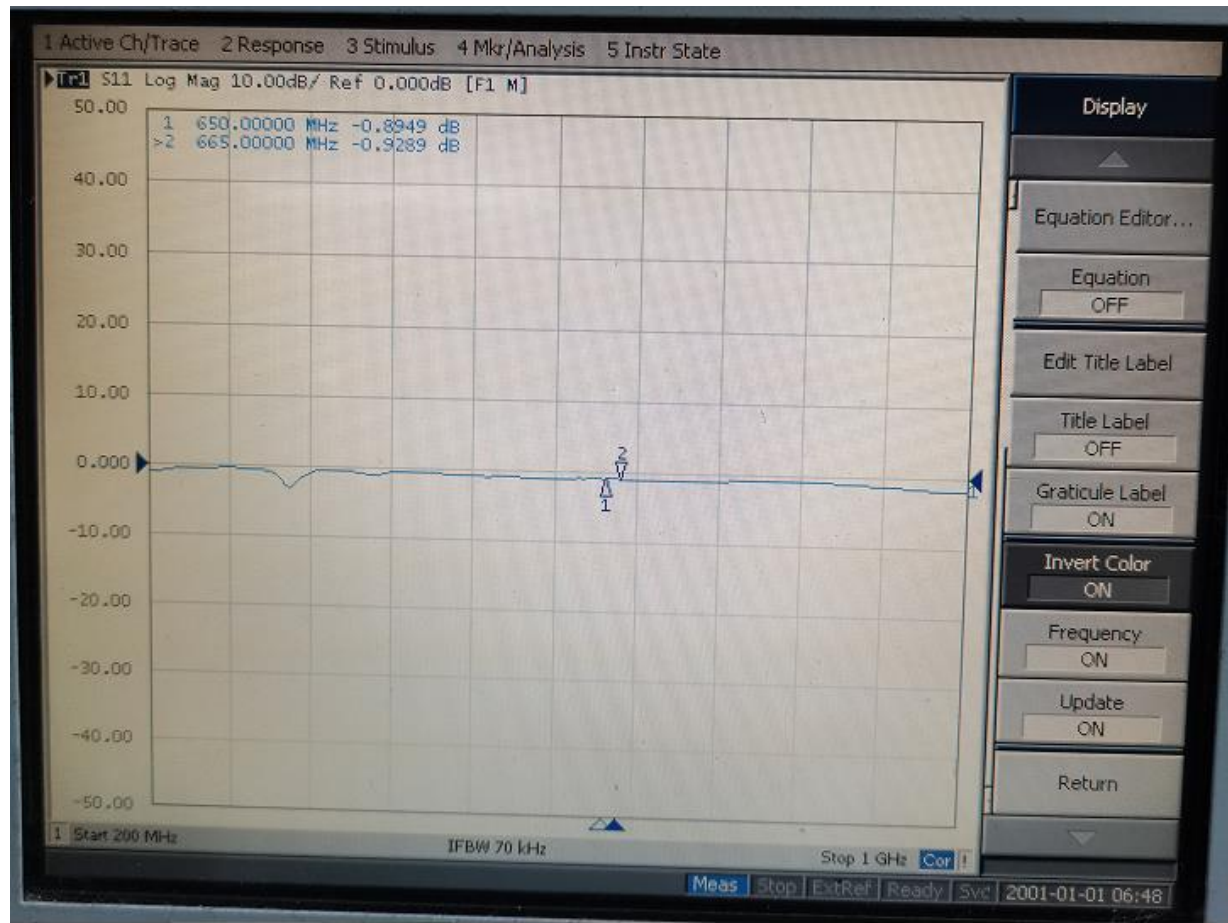
# 天线驻波比 Antenna SWR





天线回波损耗

Antenna Return loss

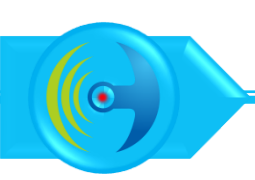




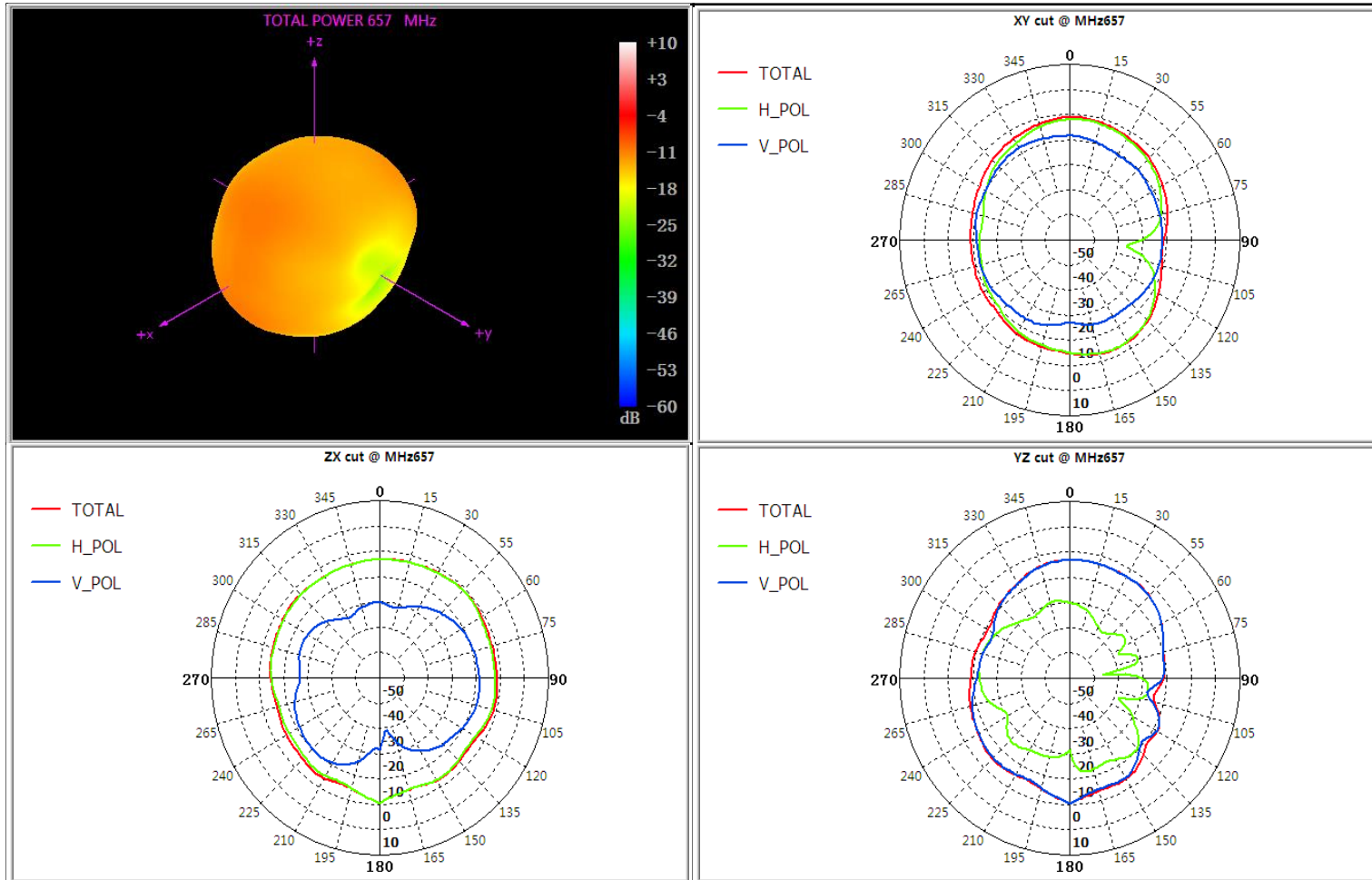
## 天线增益与效率

## Antenna gain and efficiency

|   | 天线        |                |           |
|---|-----------|----------------|-----------|
|   | Freq(MHz) | Efficiency (%) | Gian(dBi) |
| A | 657 MHz   | 7.55           | -10.48    |
|   | 657.5 MHz | 7.6            | -10.41    |
|   | 658 MHz   | 7.67           | -10.33    |
|   | 658.5 MHz | 7.73           | -10.24    |
|   | 659 MHz   | 7.79           | -10.18    |
|   | 660 MHz   | 7.86           | -10.1     |
| B | 660.5 MHz | 7.24           | -10.33    |
|   | 661 MHz   | 7.26           | -10.41    |
|   | 661.5 MHz | 7.27           | -10.47    |
|   | 662 MHz   | 7.25           | -10.51    |
|   | 662.5 MHz | 7.27           | -10.49    |
|   | 663 MHz   | 7.28           | -10.48    |

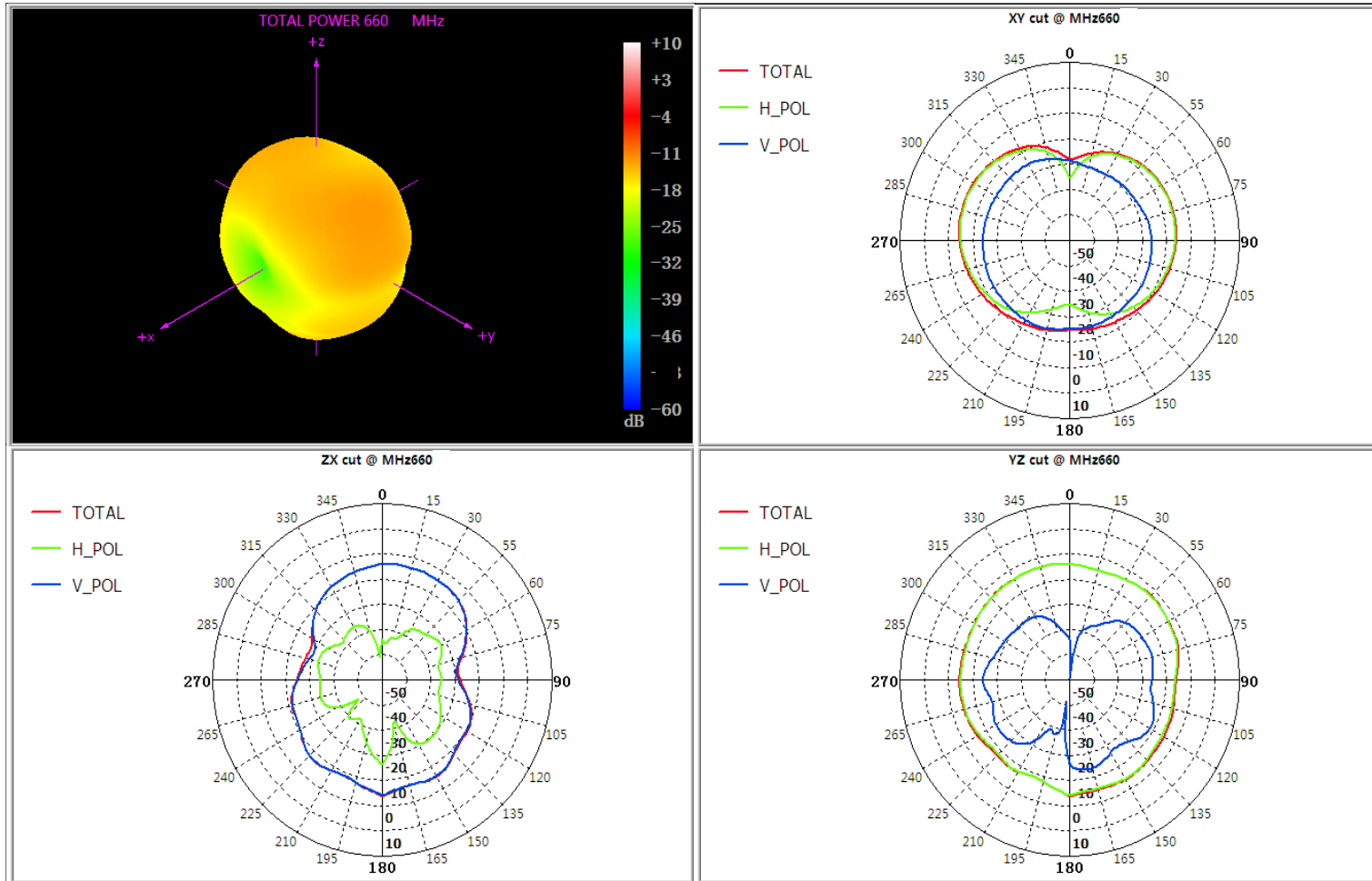


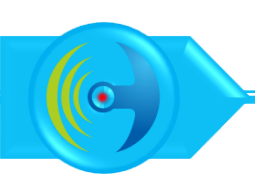
## 天线辐射方向图 Antenna Radiation Pattern



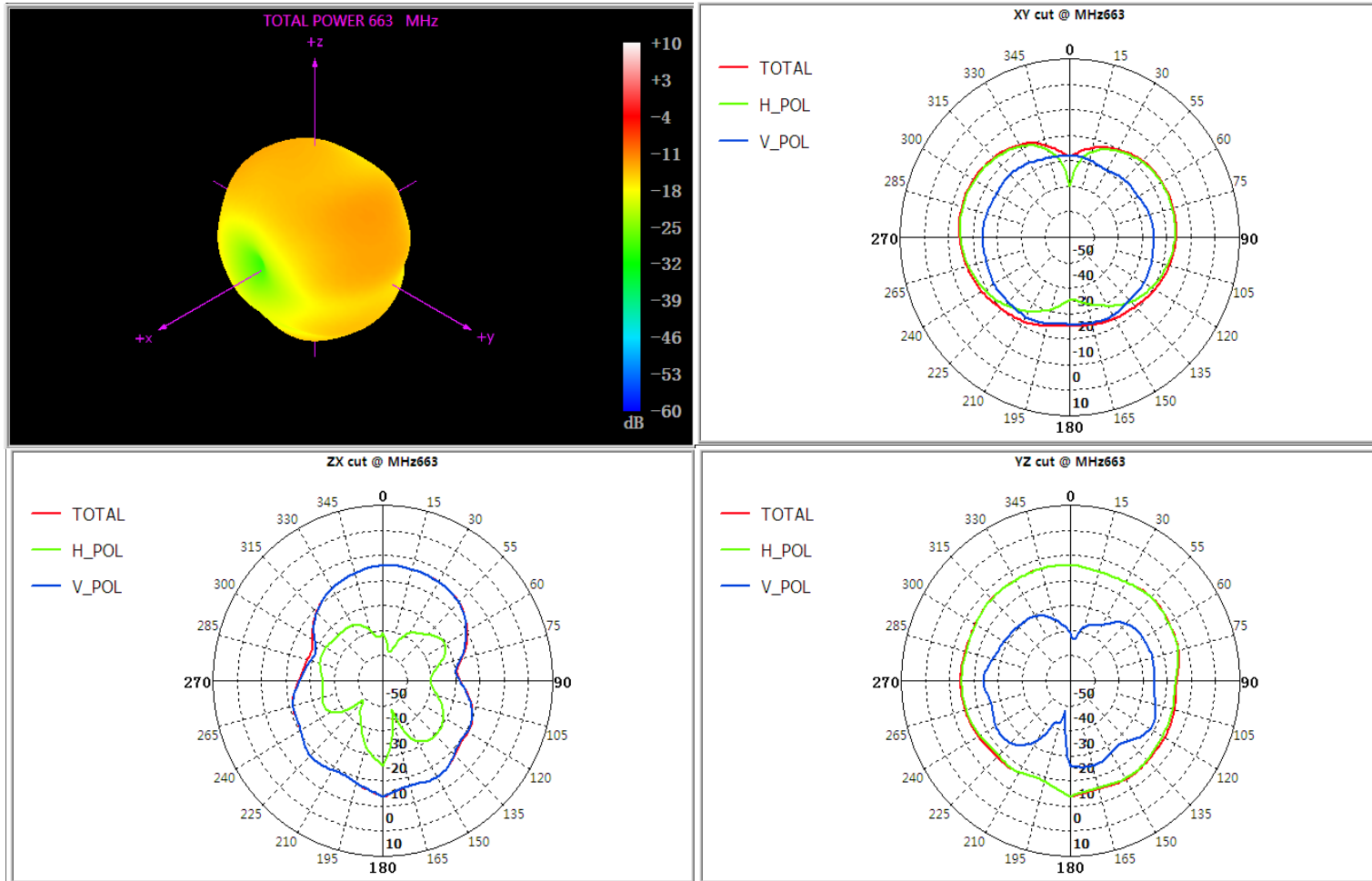


# 天线辐射方向图 Antenna Radiation Pattern

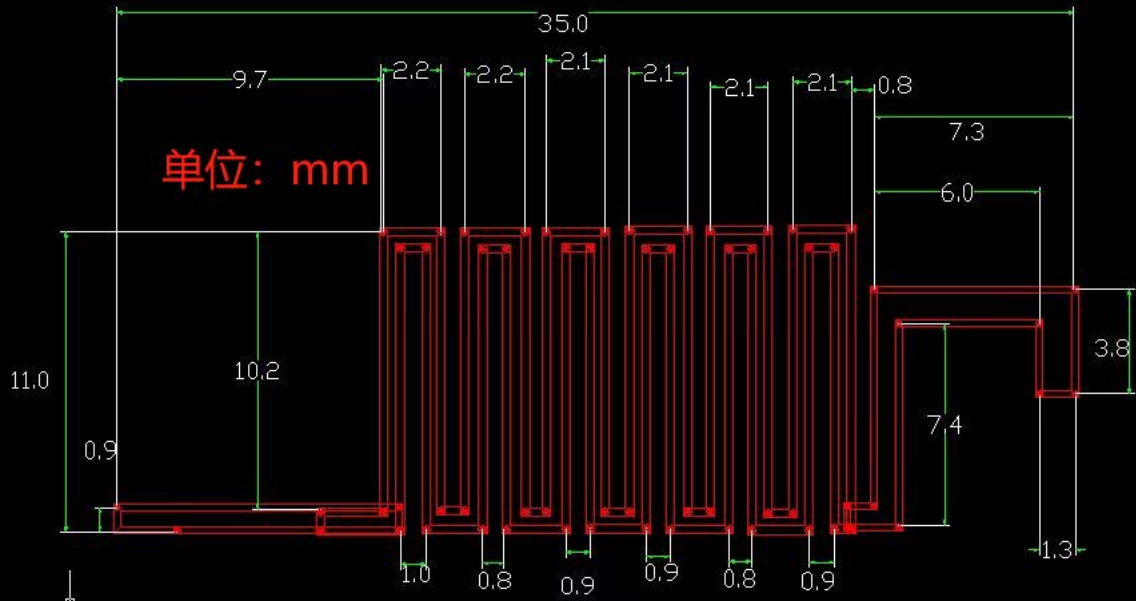




# 天线辐射方向图 Antenna Radiation Pattern



单位: mm



**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