

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

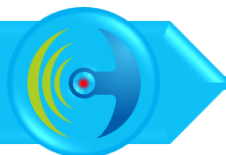
项目型号 X6天线

天线型号

测 试 许高富

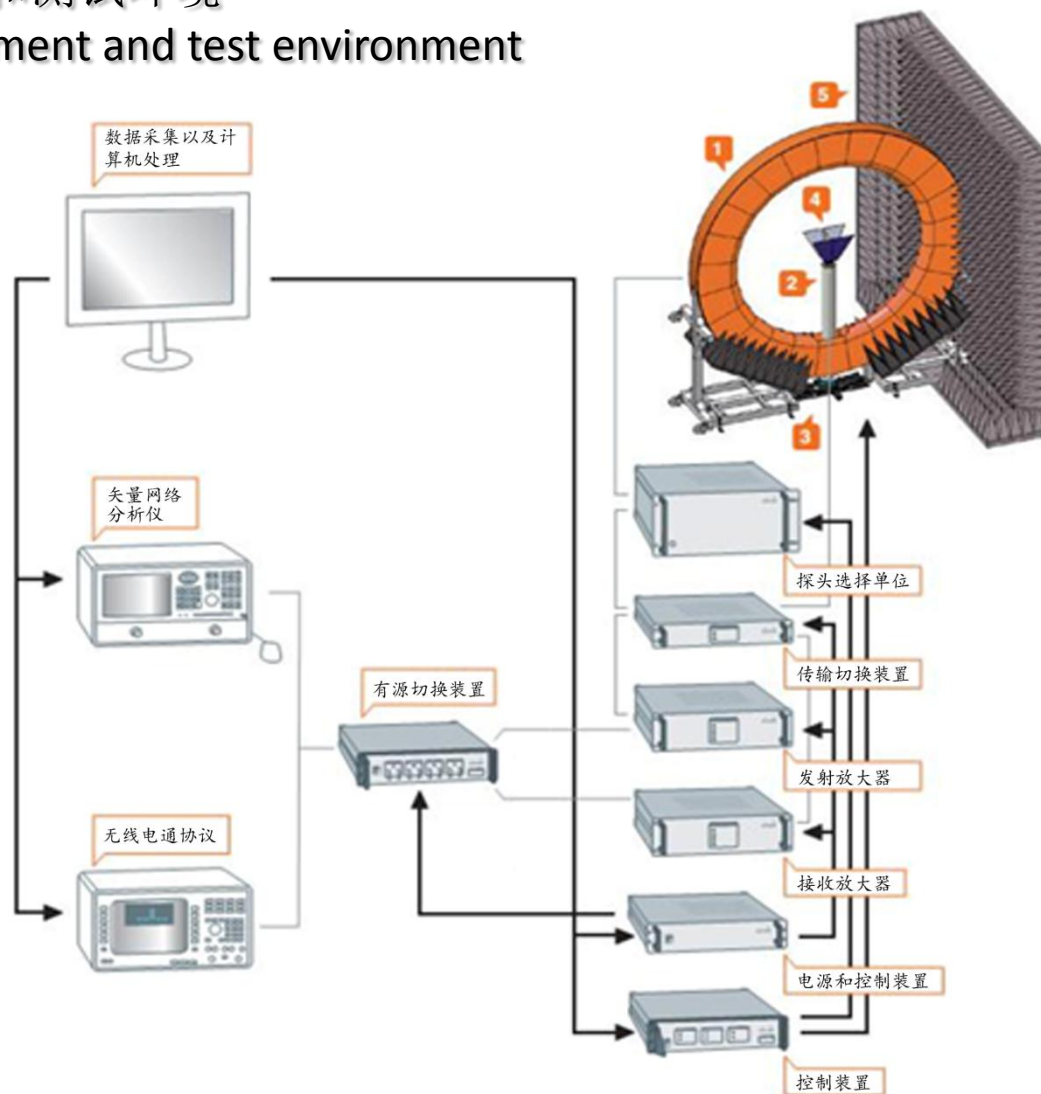
审 核 夏兴喜

日 期 2023-9-13



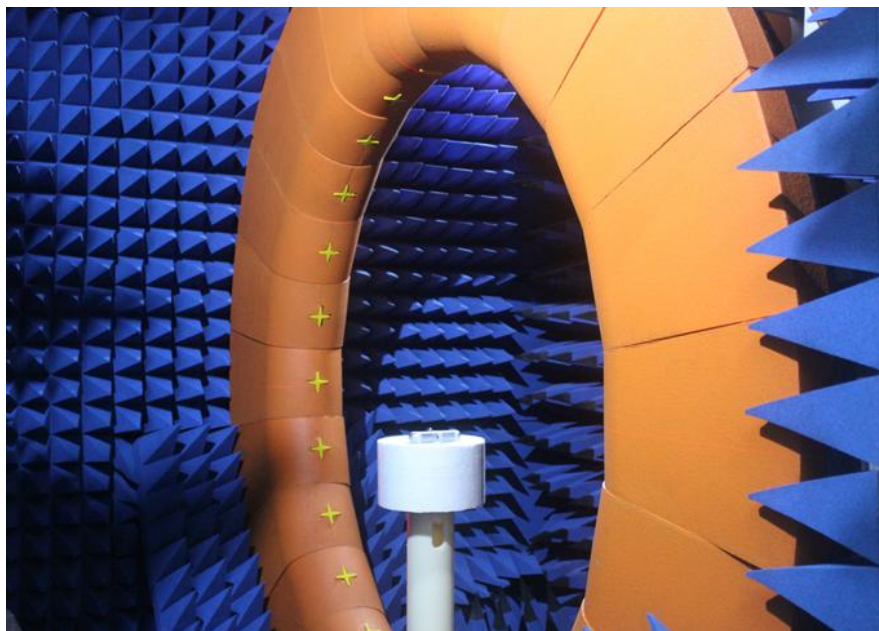
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment



探头微波暗室

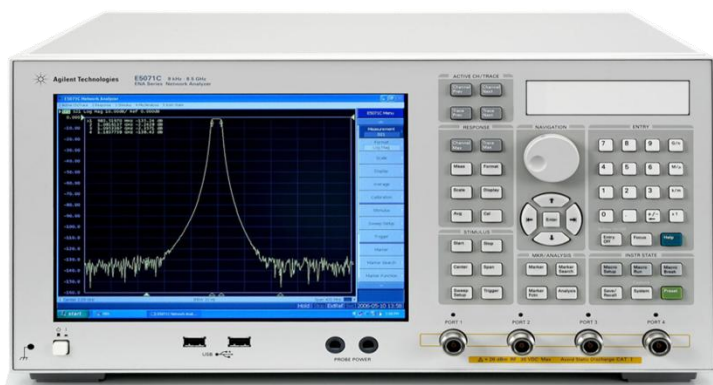
➤ 频率：0.4GHz至6GHz

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



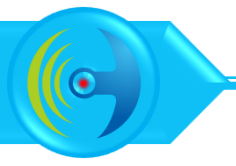
Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz

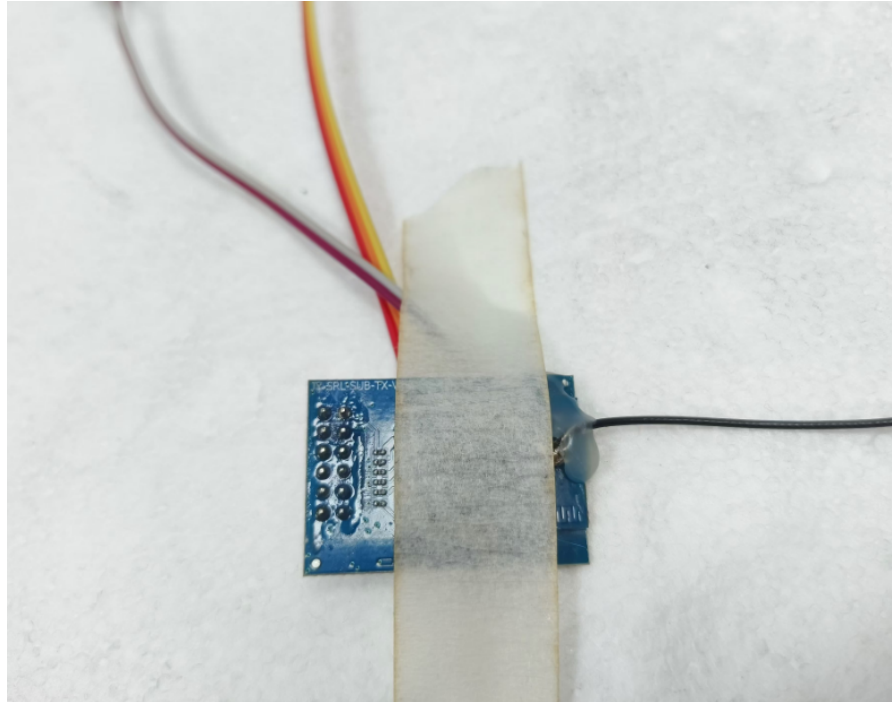


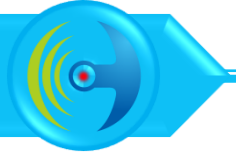
R&S CMW500 宽带无线通信测试仪

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



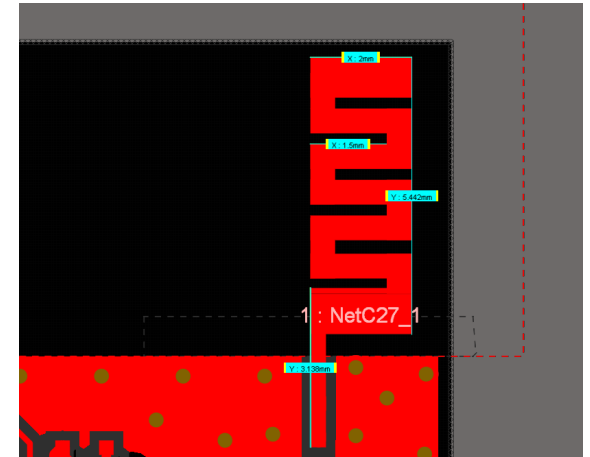
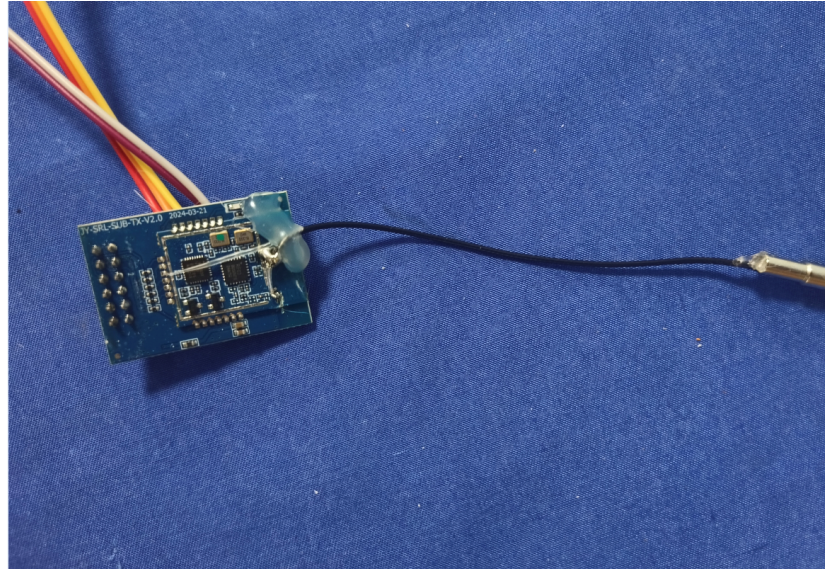
测试拍照
Test photos

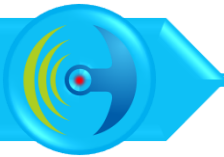




天线安装位置

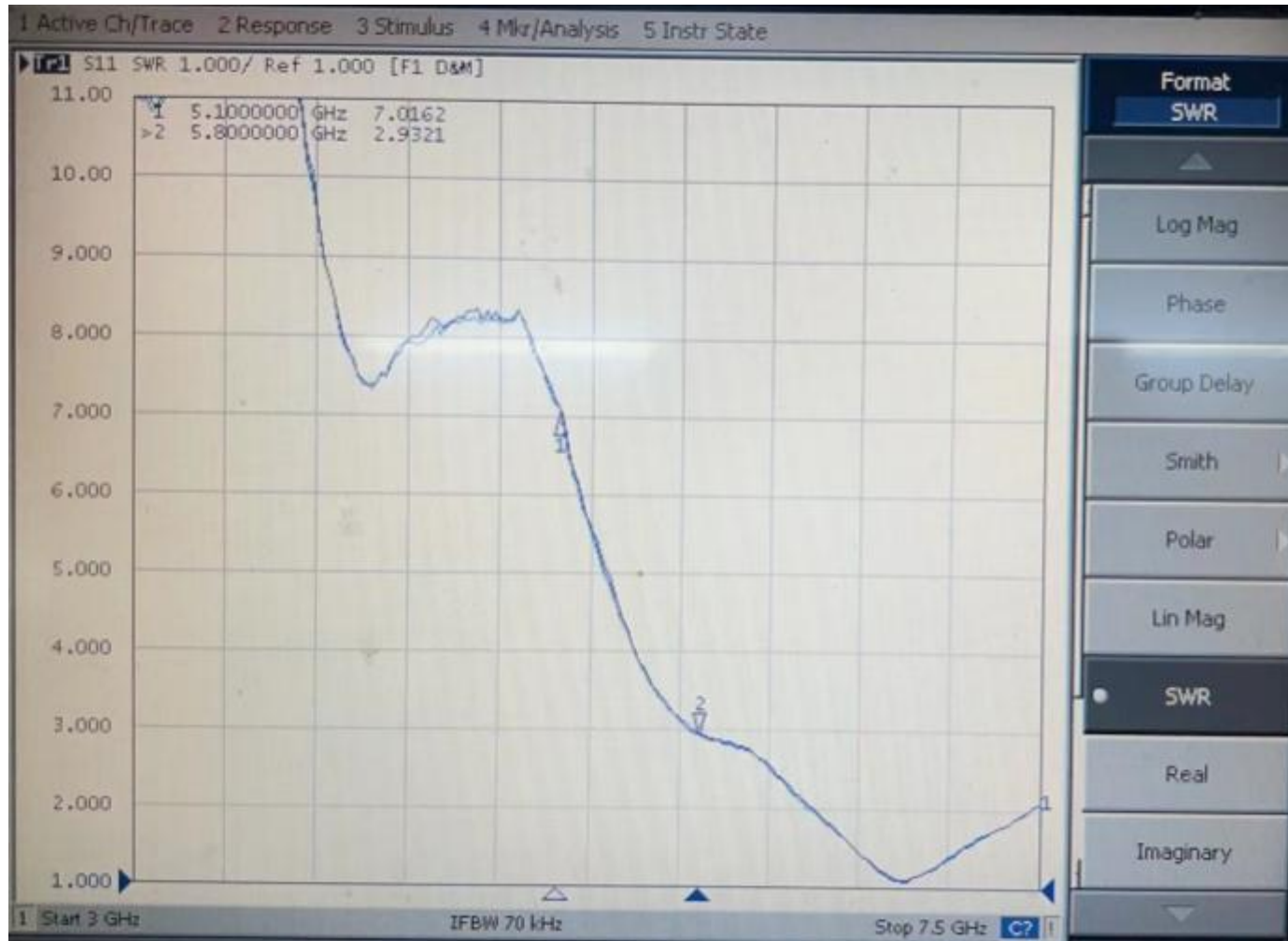
Passive antenna data

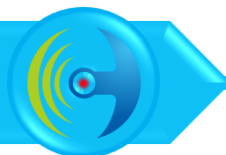




天线驻波比
Antenna SWR

5.8G 天线

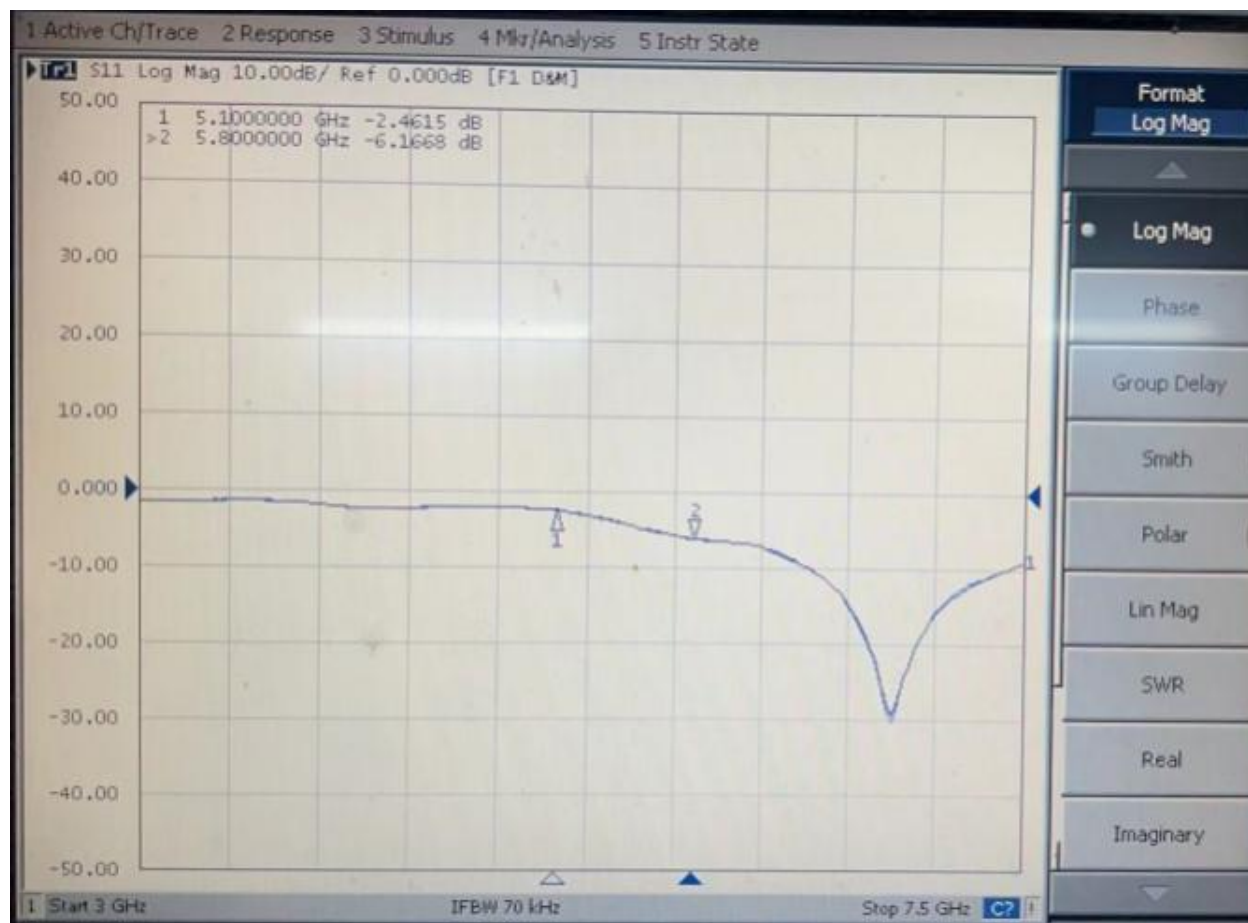




天线回波损耗

Antenna Return loss

5.8G 天线



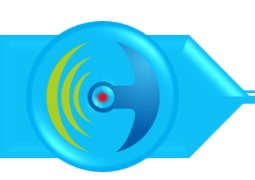


天线增益与效率

Antenna gain and efficiency

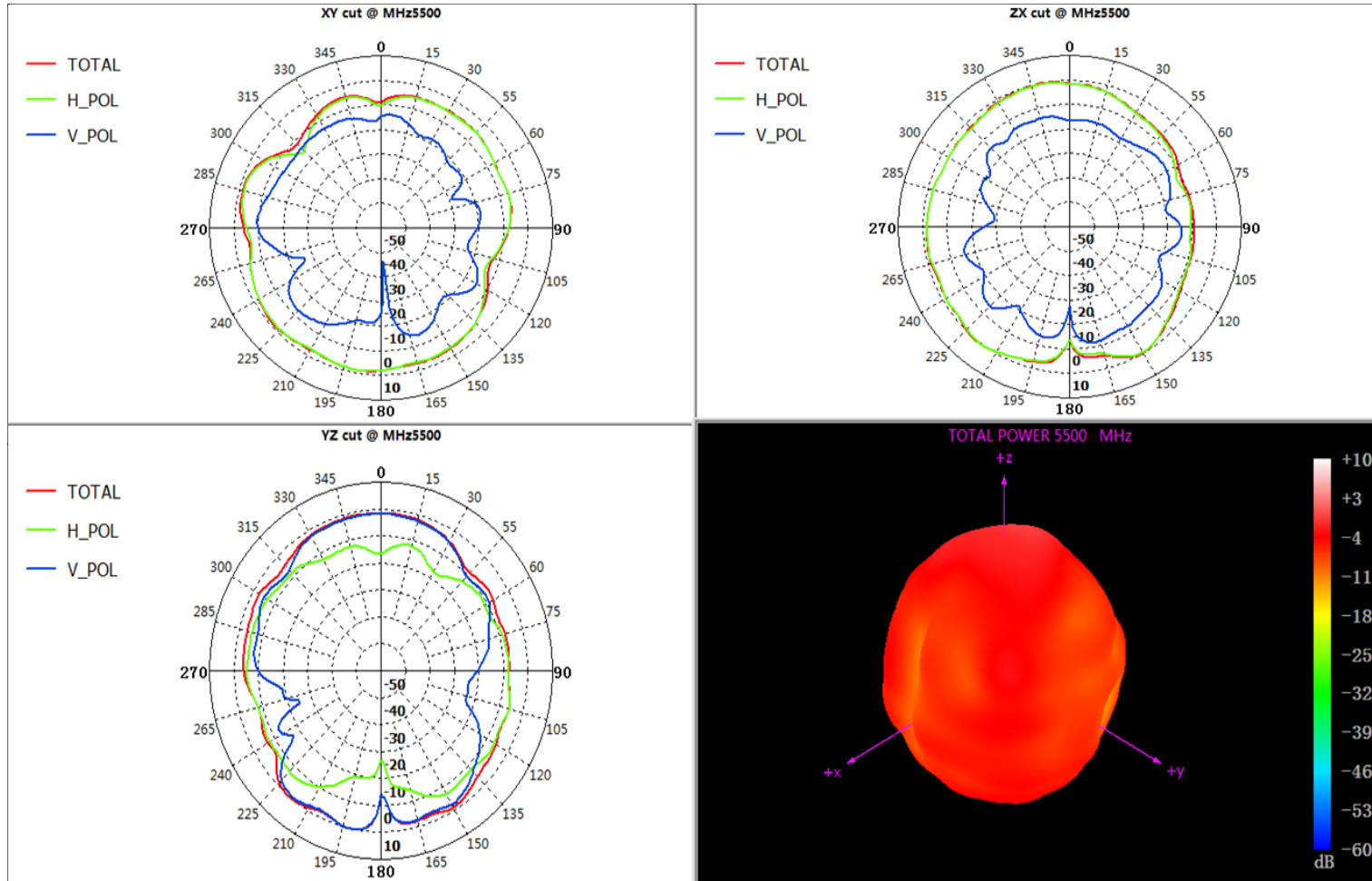
5.8G 天线

天线		
Freq(MHz)	Efficiency (%)	Gain(dBi)
5150 MHz	30.87	-1.72
5200 MHz	33.71	-1.7
5250 MHz	32.08	-1.52
5300 MHz	37.75	-0.67
5350 MHz	38.69	0.53
5400 MHz	42.28	1.4
5450 MHz	39.16	0.94
5500 MHz	41.77	0.98
5550 MHz	45.84	3.58
5600 MHz	46.53	2.64
5650 MHz	47.59	3.56
5700 MHz	49.04	3.53
5750 MHz	45.27	3.61
5800 MHz	48.94	3.83
5850 MHz	47.04	4.24



天线辐射方向图 Antenna Radiation Pattern

5.8G 天线



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