

专业天线服务商

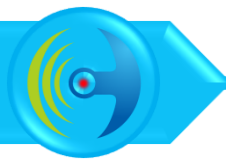
深圳市飞敏科技有限公司
SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



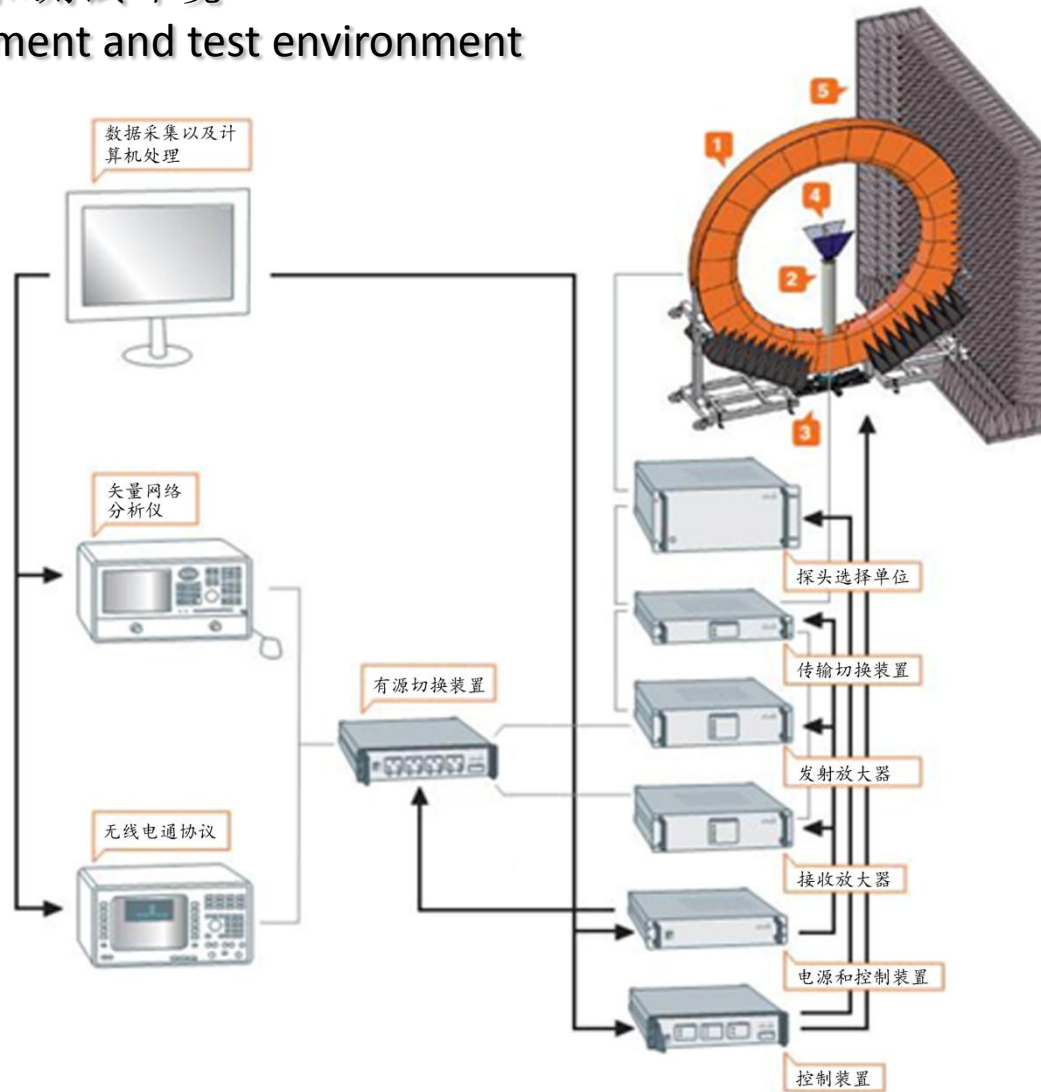
天线测试报告

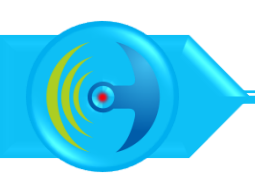
Antenna test report

项目型号	kohler
天线型号	FM-S2247-KOHLER
测 试	许高富
审 核	范敏
日 期	2023-7-12



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

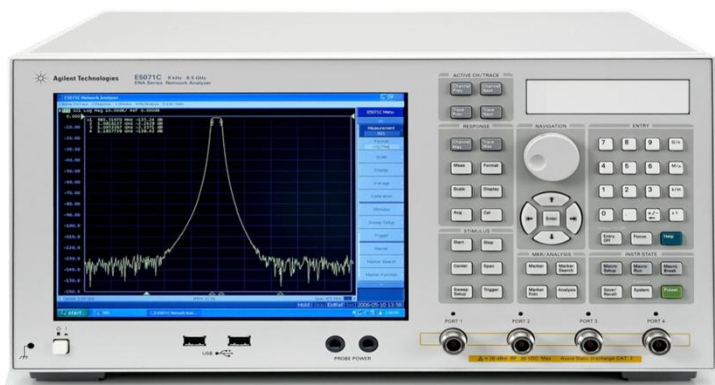
主要测试指标

- ◆ 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



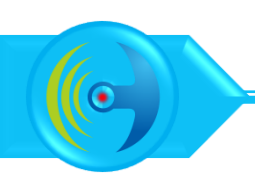
Agilent E5071C 矢量网络分析仪

- 频率：300 kHz至8.5GHz

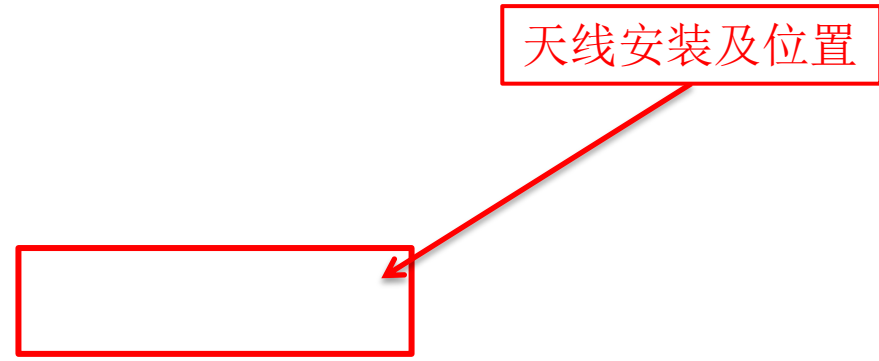


R&S CMW500 宽带无线通信测试仪

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

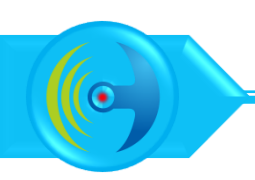


天线安装位置
Passive antenna data

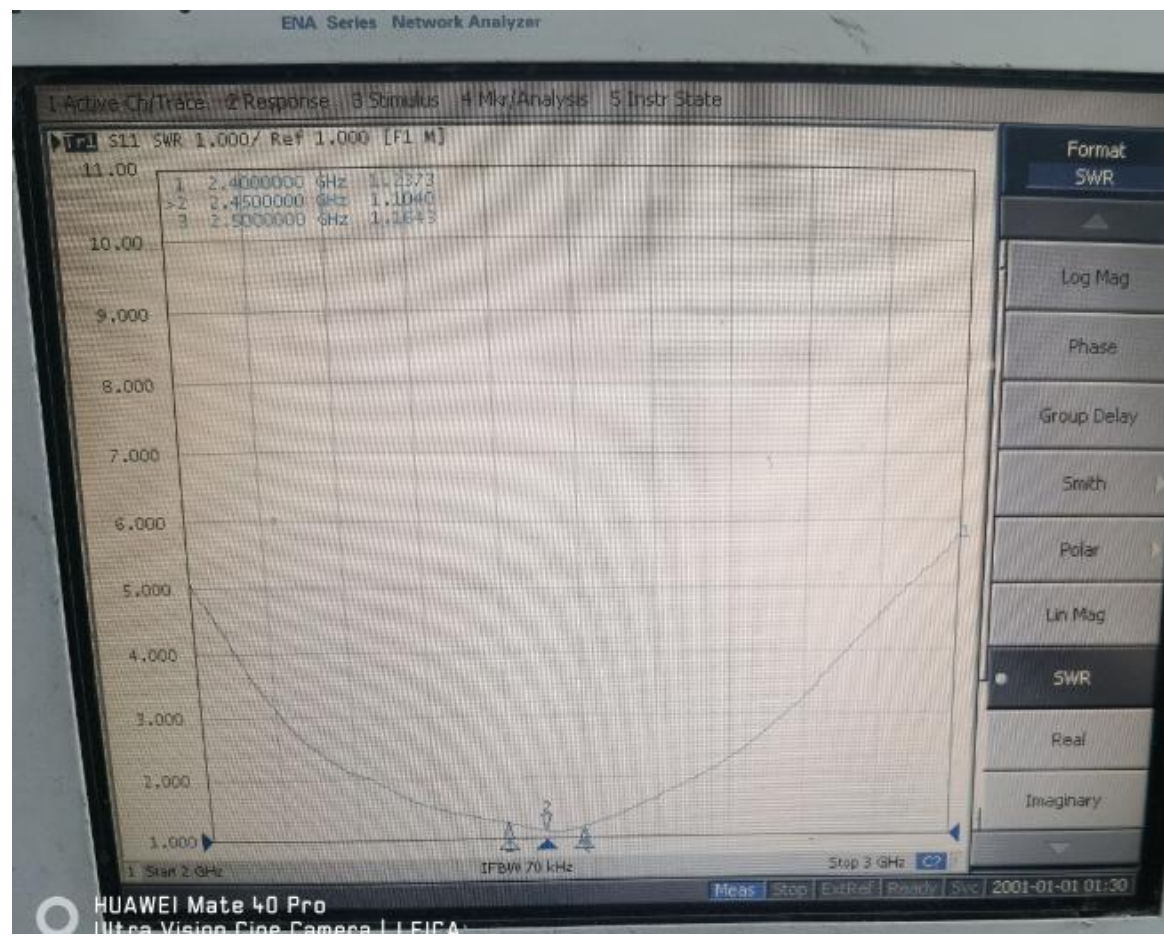


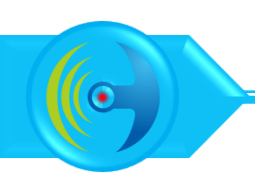
天线安装及位置



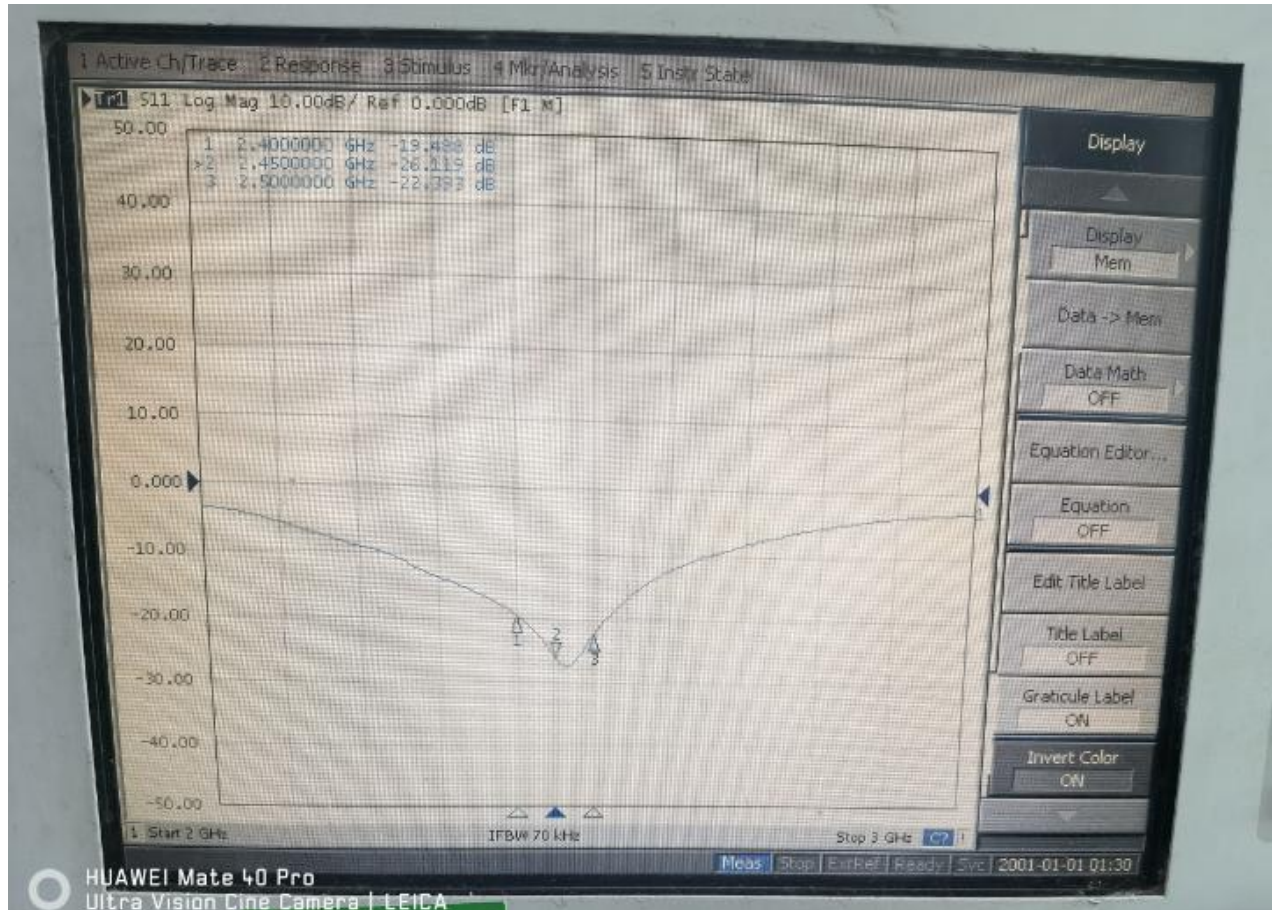


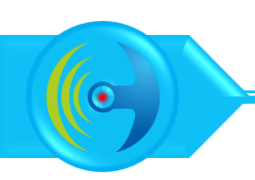
天线驻波比 Antenna SWR





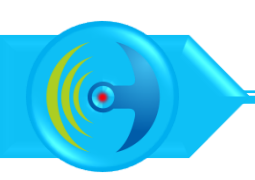
天线回波损耗 Antenna Return loss



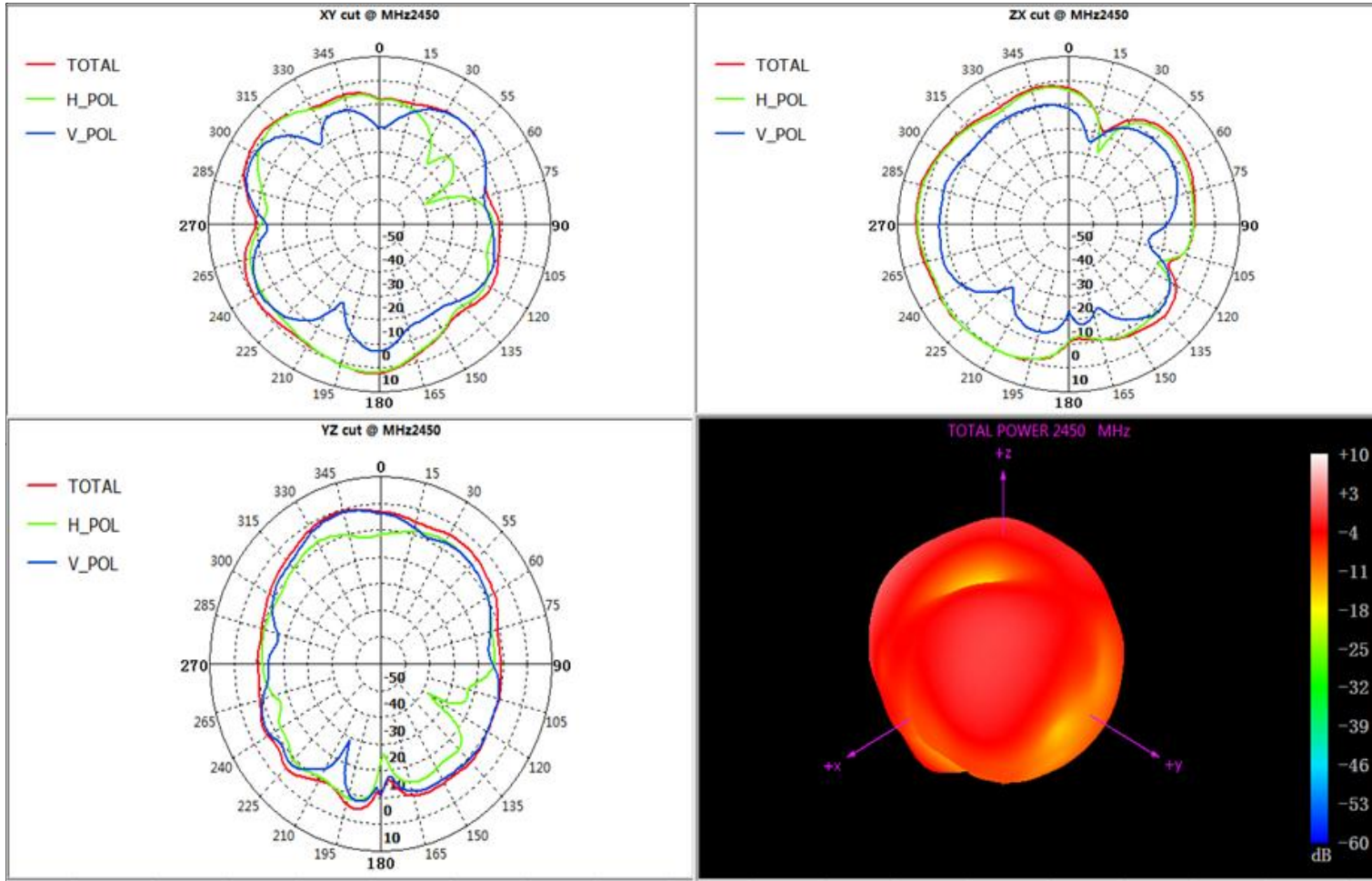


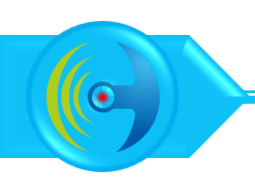
天线增益与效率 Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	50.81	3.36
2410	52.09	3.25
2420	56.16	3.69
2430	53.83	3.47
2440	52.32	3.45
2450	51.34	3.21
2460	50.35	3.03
2470	49.35	2.96
2480	48.46	2.9
2490	50.44	3.22
2500	52.61	3.5



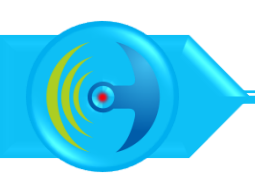
天线辐射方向图 Antenna Radiation Pattern





OTA 有源数据 (TIS, TRP)
OTA Active data

BT		
信道(channel)	TRP	TIS
CH 0	0.57	-84.76
CH 39	0.87	-85.09
CH 78	1.31	-87.14



传导数据（功率，灵敏度）

BT		
信道(channel)	功率	灵敏度
CH 0	4.14	-87
CH 39	1.28	-85
CH 78	2.85	-89

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