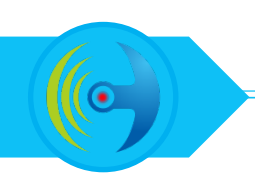


专业天线服务商

Professional Antenna Service Provider

深圳市飞敏科技有限公司

SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



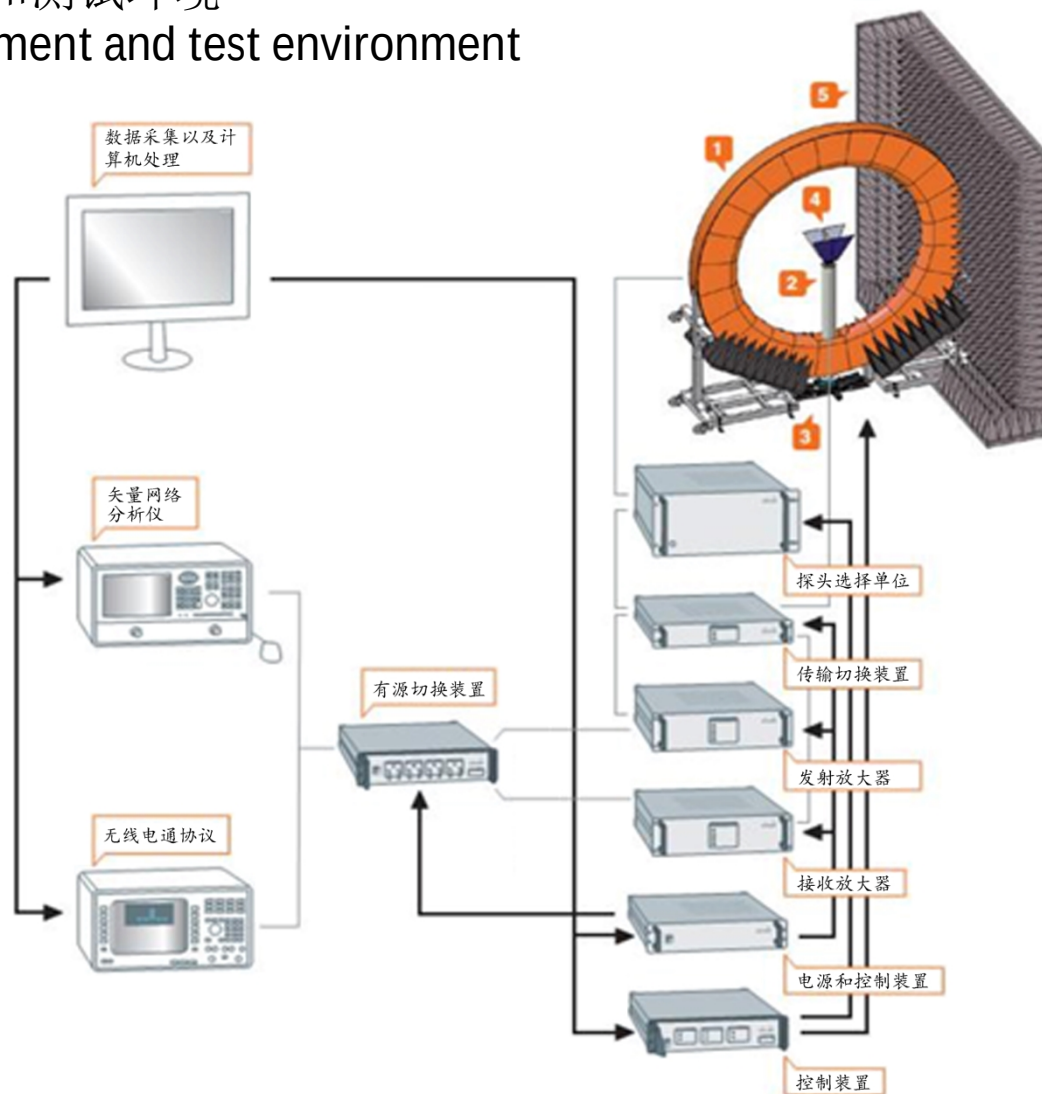
天线测试报告

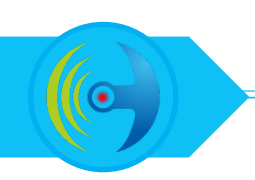
Antenna test report

项目型号	遥控器Remote control TX
Project model	
天线型号	
Antenna model	
测试	许高富Xu Gaofu
Test	
审核	陈泽雄Chen Zexiong
Audit	
日期	2025-7-16
Date	

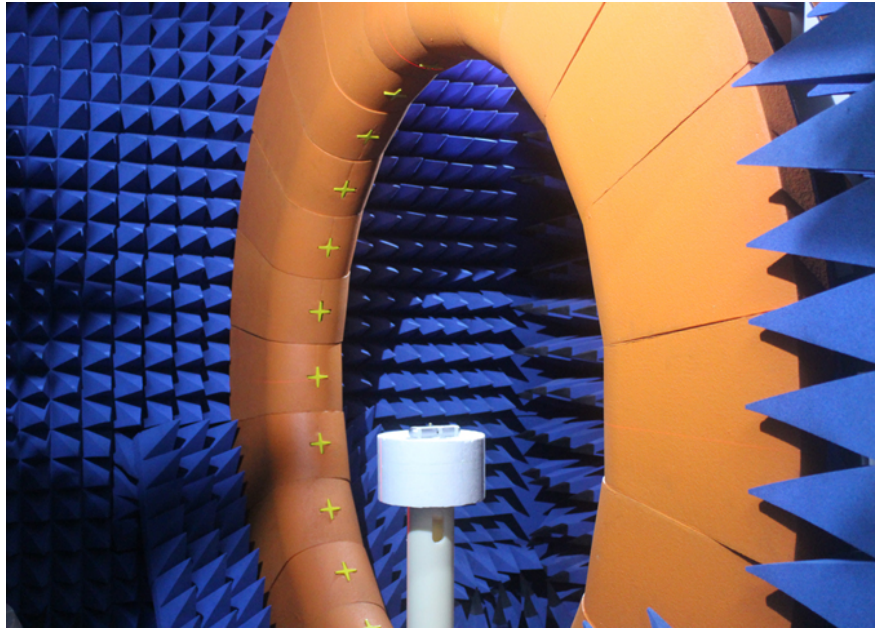


测试设备和测试环境 Test equipment and test environment





测试设备 Test equipment



探头微波暗室
Probe microwave anechoic chamber

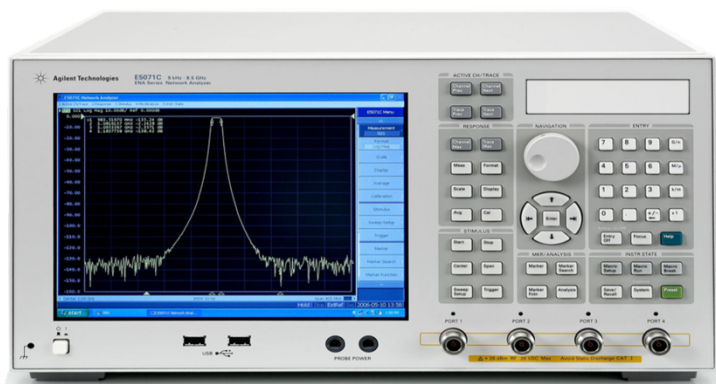
- 频率: 0.4GHz至6GHz
- Frequency: 0.4GHz to 6GHz

主要测试指标 Main test indicators

- ◆ 无源指标 Passive Parameters
- ◆ 增益 Gain
- ◆ 效率 Radiation Efficiency
- ◆ 3D方向图 3D Radiation Pattern
- 有源指标 Active Parameters
- TRP总辐射功率 Total Radiated Power
- TIS总接收灵敏度 Total Isotropic Sensitivity



测试设备 Test equipment



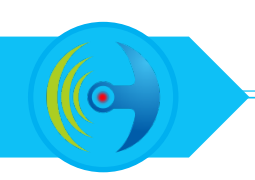
Agilent E5071C 矢量网络分析仪
Agilent E5071C Vector Network Analyzer

- 频率: 300 kHz至8.5GHz
- Frequency: 300 kHz to 8.5GHz



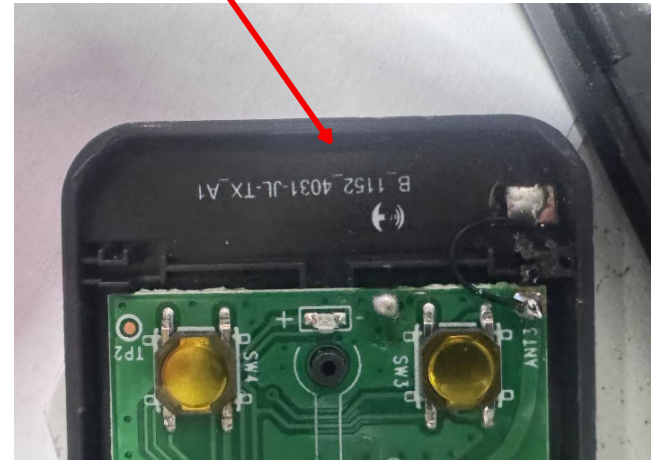
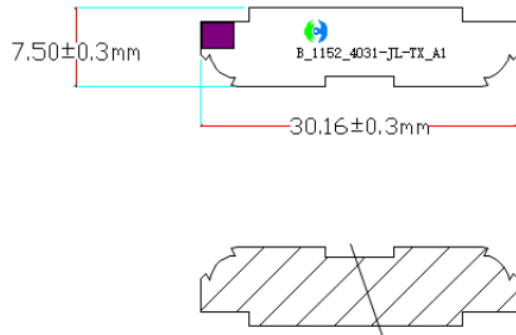
R&S CMW500 宽带无线通信测试仪
R&S CMW500 Broadband Wireless
Communication Tester

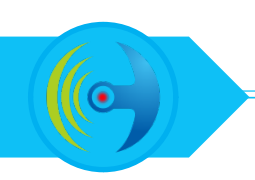
- GSM/3G/4G
- WIFI/ Bluetooth
- NB-IoT



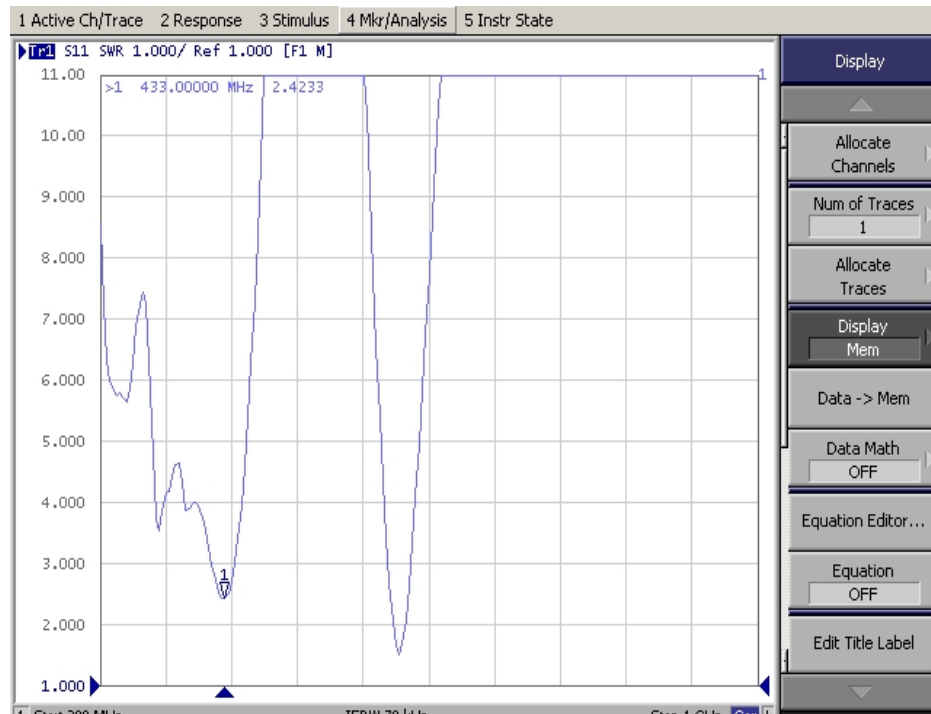
天线安装位置以及天线尺寸 Antenna installation position and antenna size

天线装配位置及方式 Antenna installation position and method

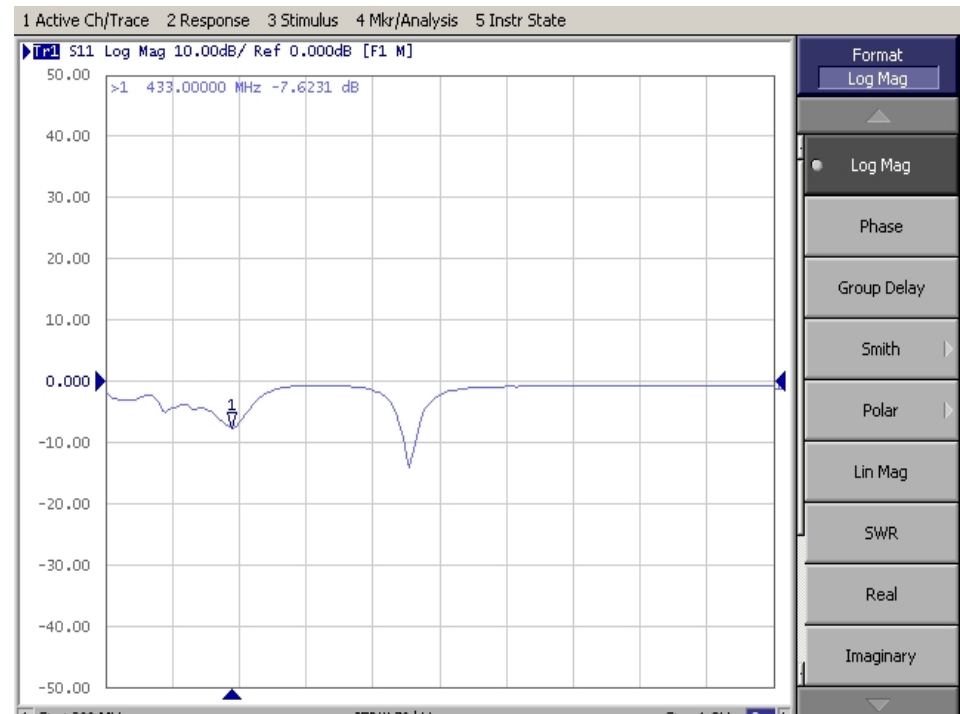


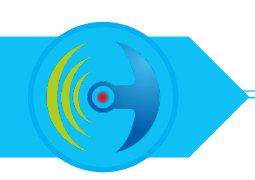


天线驻波比
Antenna SWR



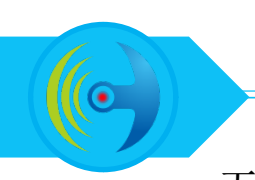
天线回波损耗
Antenna Return loss



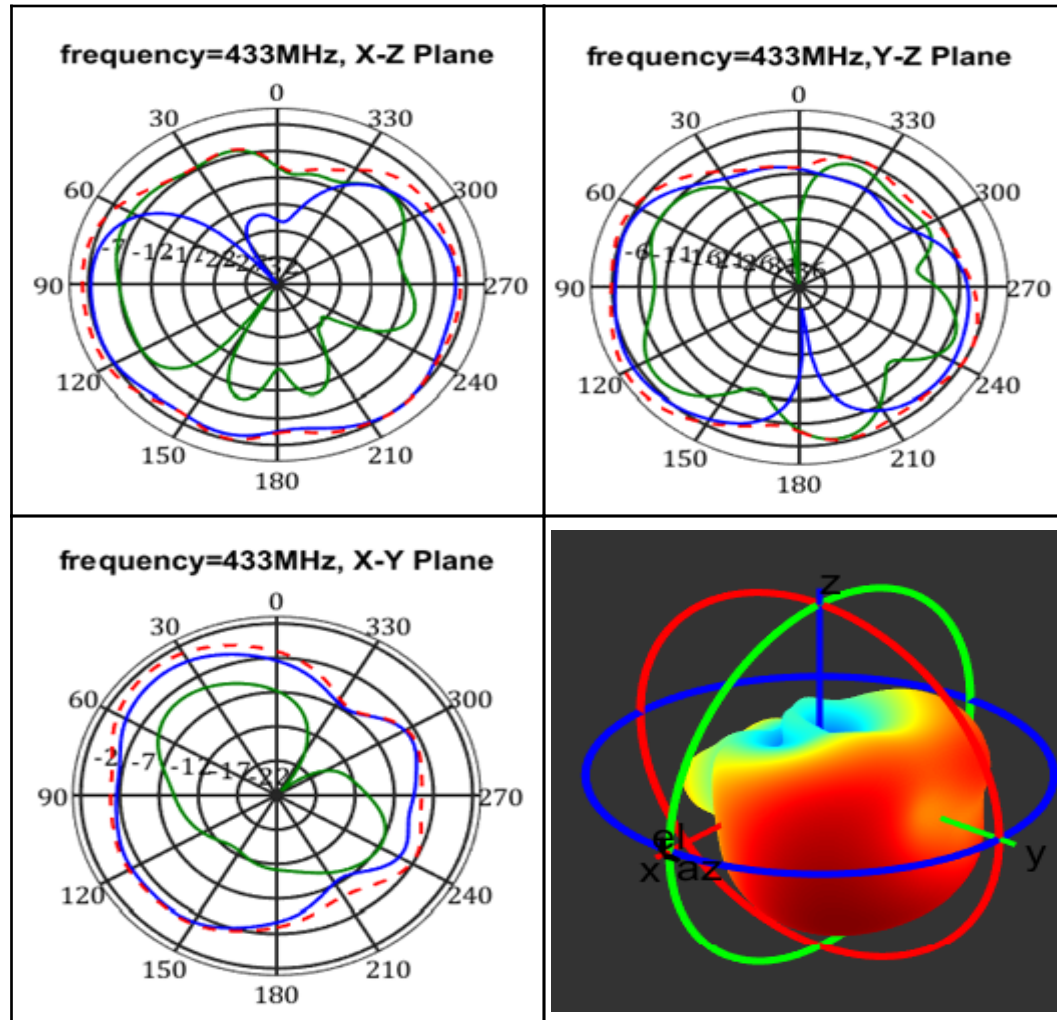
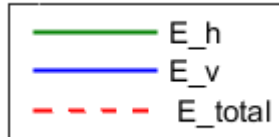


天线增益与效率
Antenna gain and efficiency

Freq(MHz)	Efficiency (%)	Gian(dBi)
415	14.56	-3.85
418	12.10	-5.47
421	14.14	-4.15
424	13.32	-4.88
427	15.66	-3.54
430	14.43	-4.74
433	20.56	-2.22
436	11.94	-5.82
439	13.82	-4.82
442	12.00	-6.01
445	14.10	-4.64



天线辐射方向图 Antenna Radiation Pattern



Thanks for your support!
感谢您的支持！

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