

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

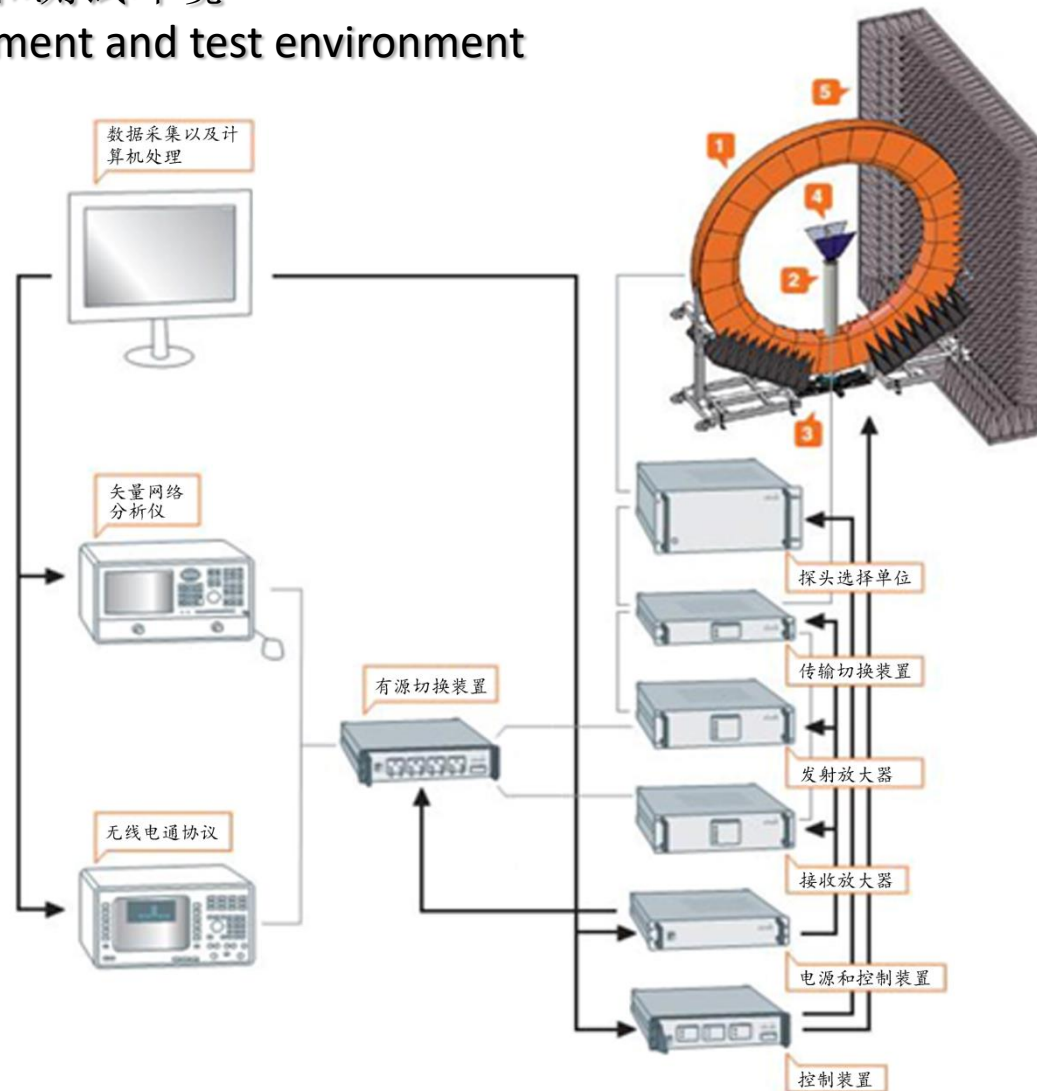
Antenna test report

项目型号	Pro bar
天线型号	BT
测 试	魏月娥
审 核	夏兴喜
日 期	2022-7-26



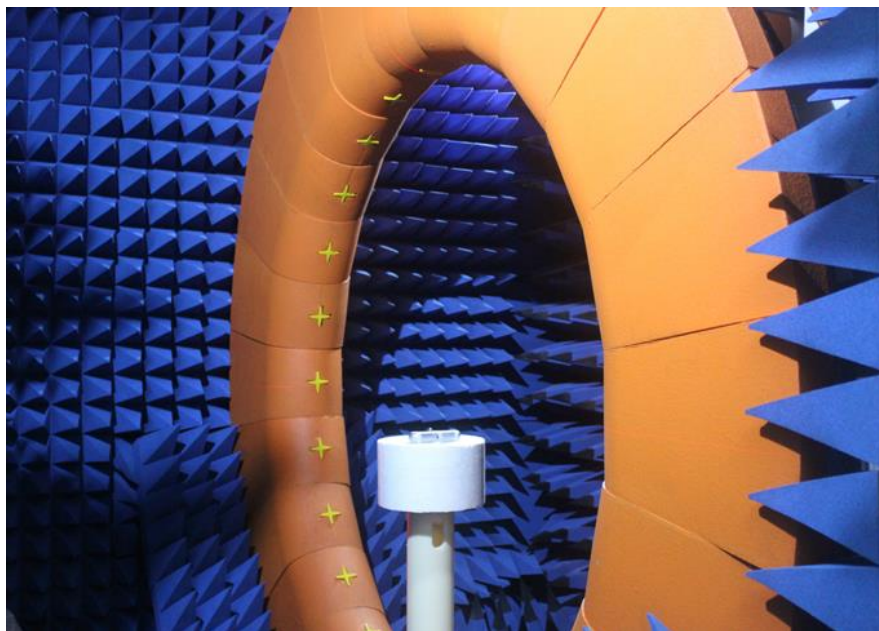
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment



探头微波暗室

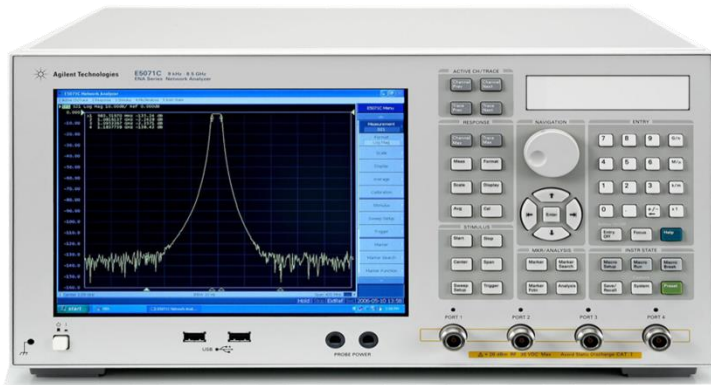
➤ 频率：0.4GHz至6GHz

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



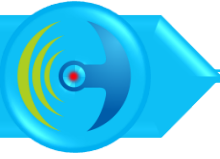
Agilent E5071C矢量网络分析仪

- 频率：300 kHz至8.5GHz



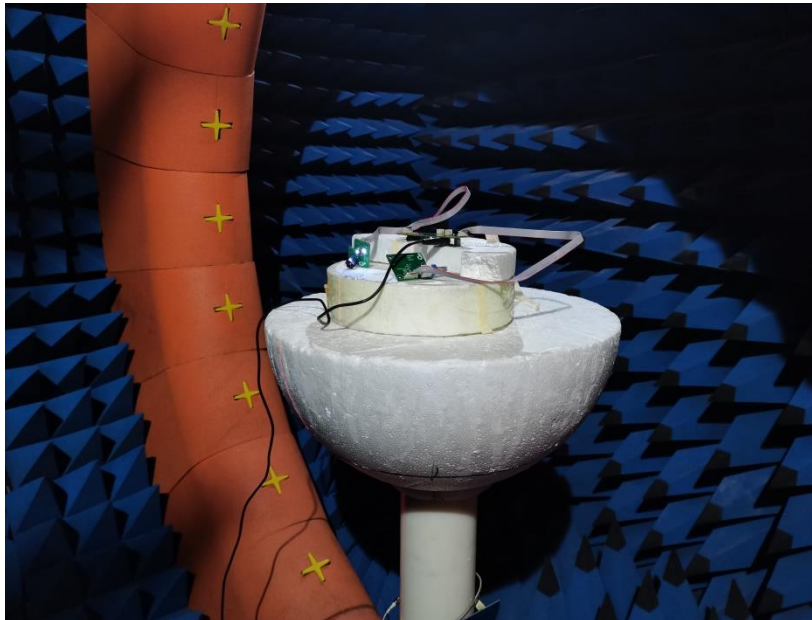
R&S CMW500 宽带无线通信测试仪

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

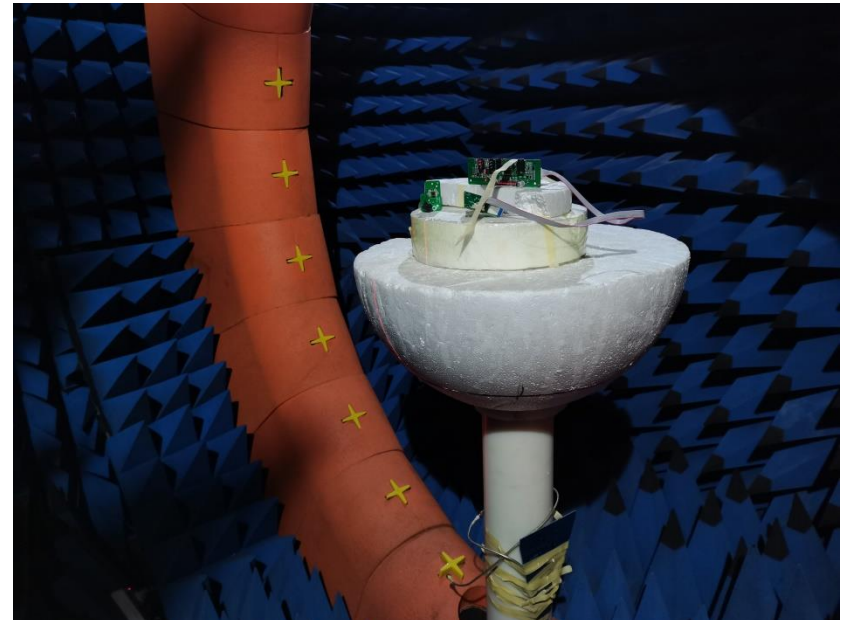


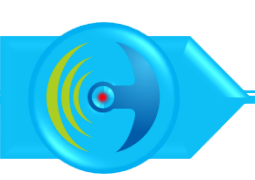
测试拍照
Test photos

有源测试

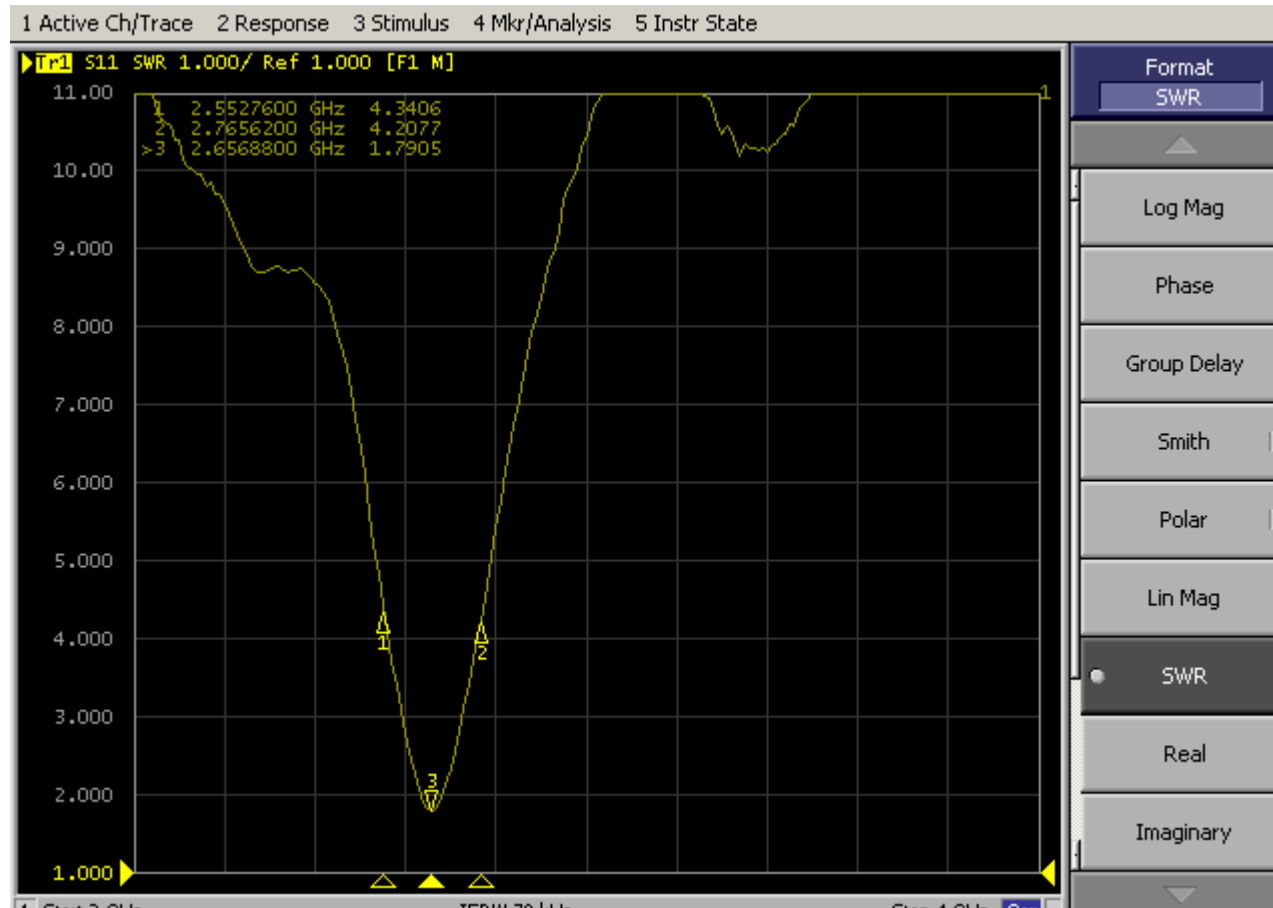


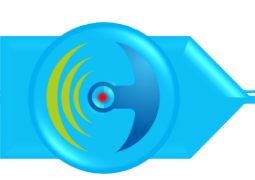
无源测试





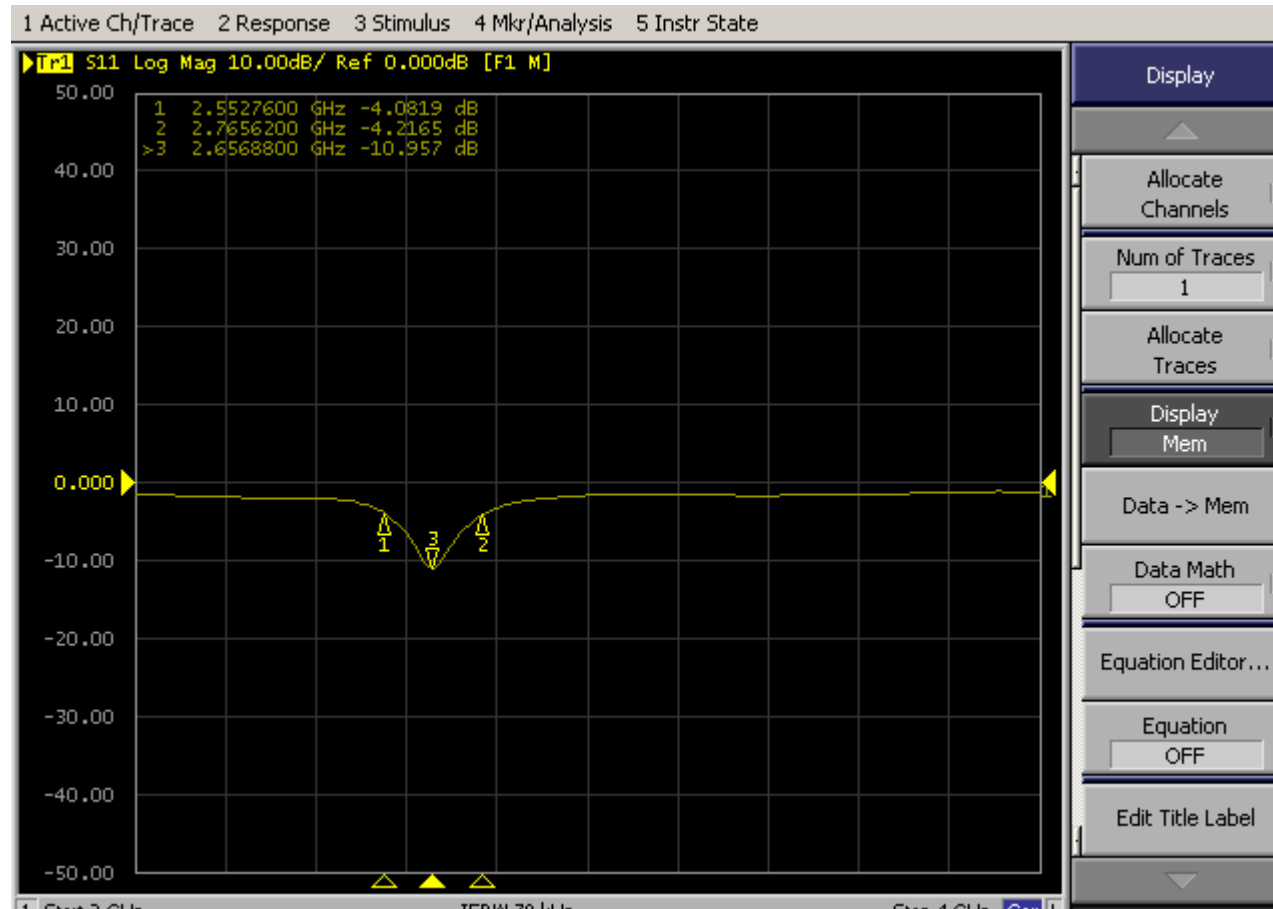
天线驻波比 Antenna SWR





天线回波损耗

Antenna Return loss

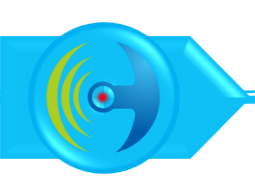




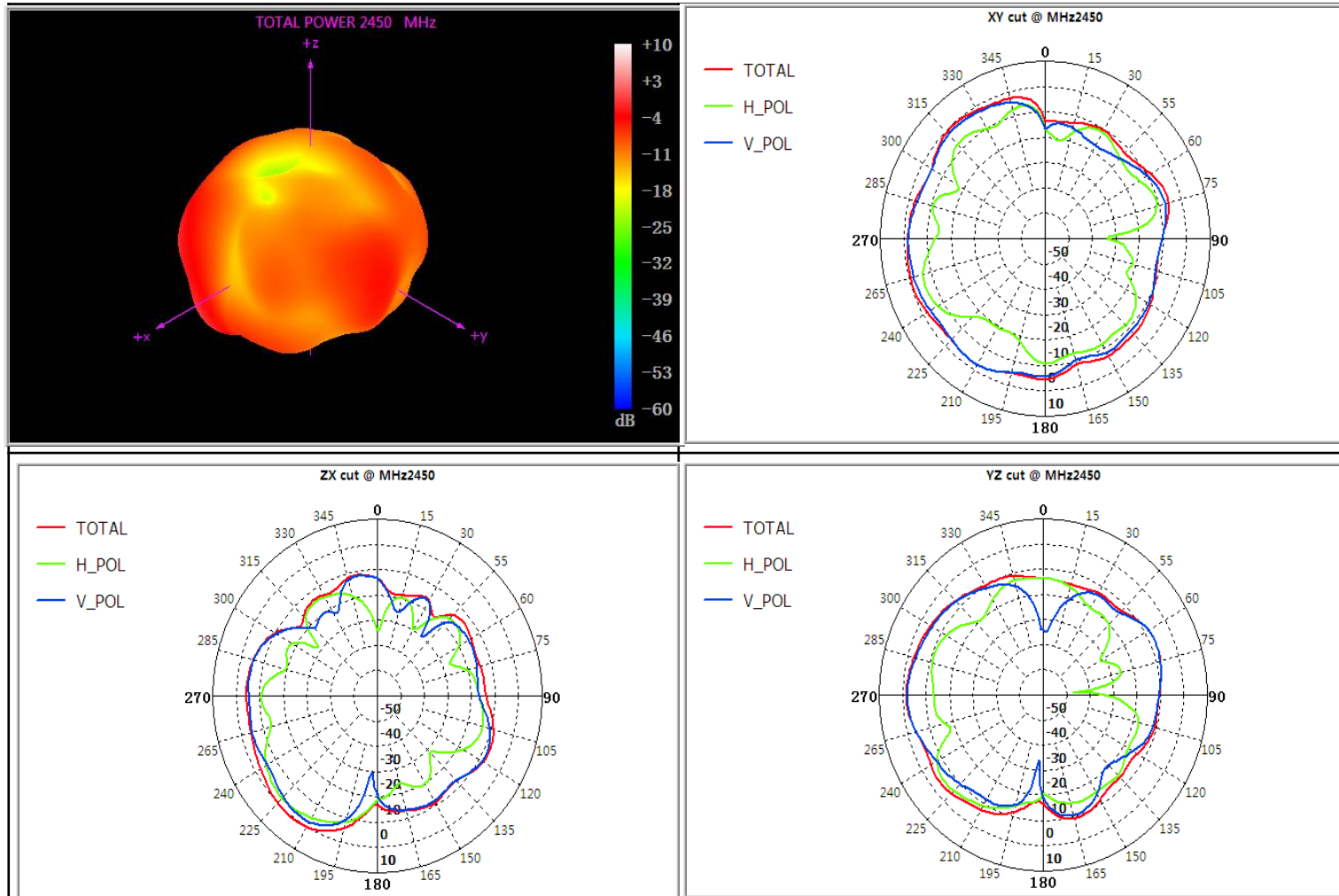
天线增益与效率

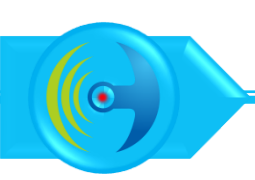
Antenna gain and efficiency

2.4G板载天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	30.23	0.37
2410	30.87	0.57
2420	33.31	1.06
2430	34.1	1.02
2440	33.85	1.13
2450	33.88	1.23
2460	34.63	1.23
2470	35.03	1.27
2480	35.63	1.28
2490	36.22	1.37
2500	36.53	1.42



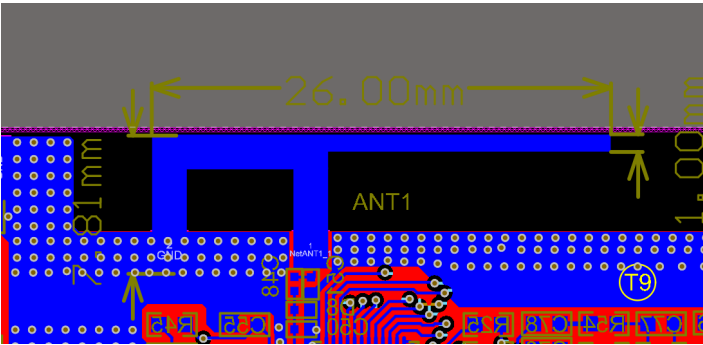
天线辐射方向图 Antenna Radiation Pattern





OTA 有源数据 (TIS, TRP)
OTA Active data

BT		
信道 (channel)	TRP	TIS
CH 0	2.8	-86.49
CH 39	3.11	-87.11
CH 78	3.24	-87.73



Thanks for your support!
感谢您的支持!

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