



天线规格

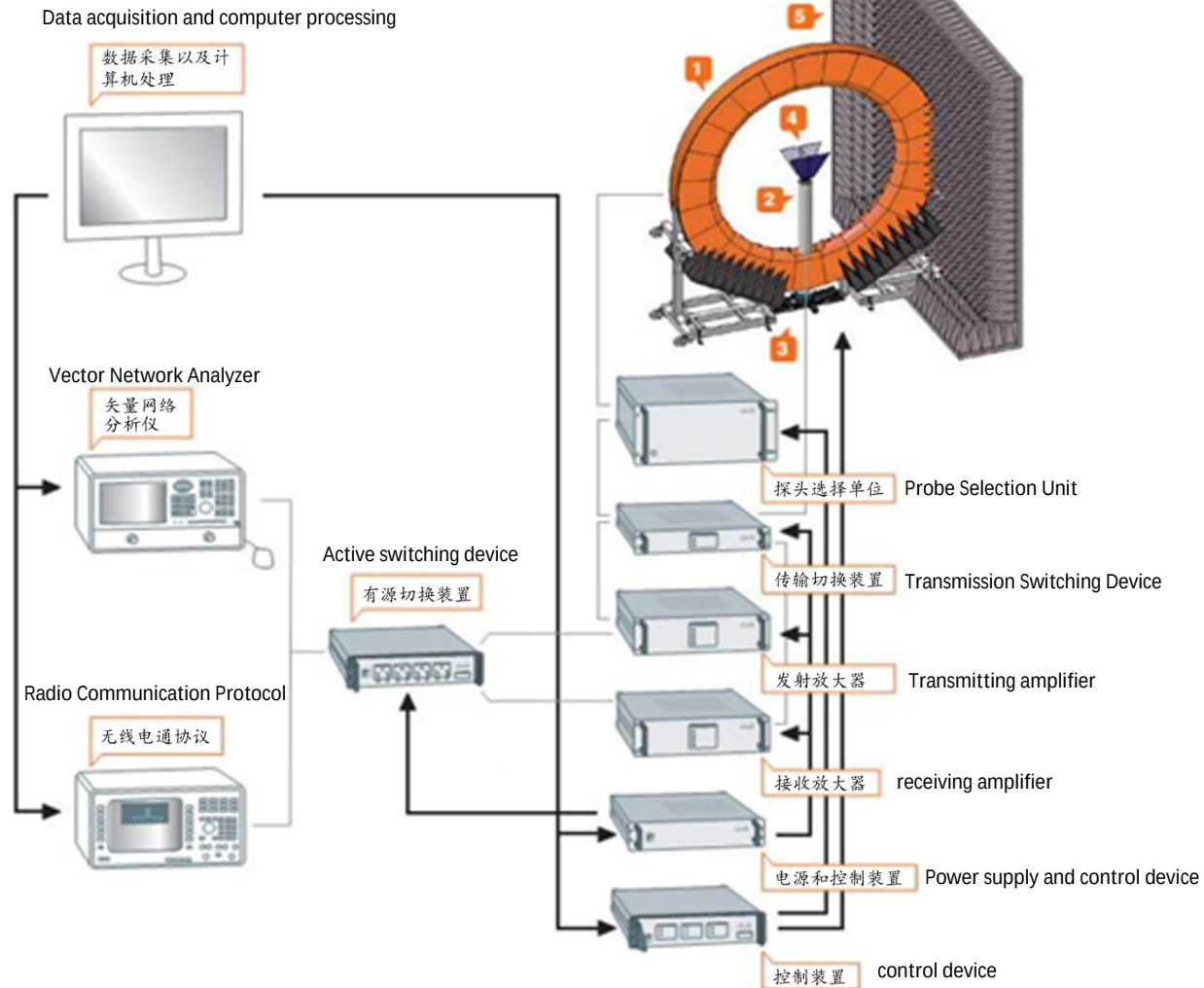
Antenna Specifications

Model: 2.4GHz PCB ANT



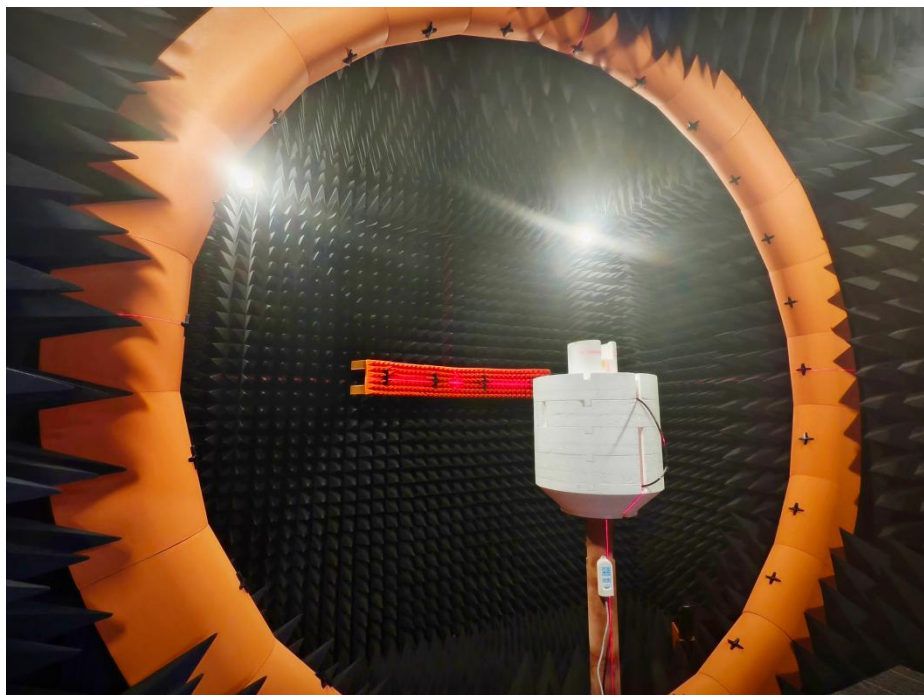
测试设备和测试环境

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12GHz
Frequency Range : 0.4GHz-12GHz

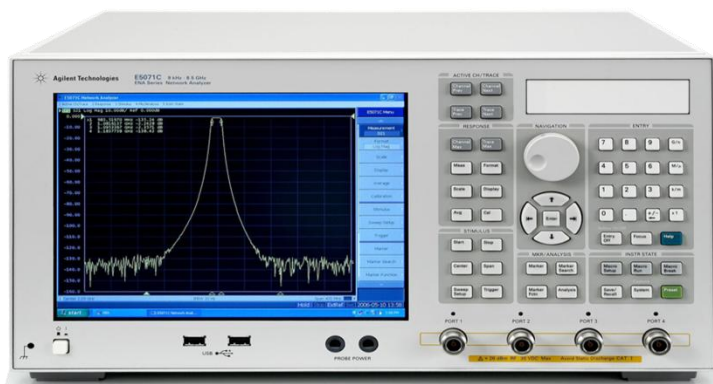
主要测试指标 Main test indicators

- ◆ 无源指标
Passive indicators
- ◆ 增益
Gain
- ◆ 效率
Effectiveness
- ◆ 3D方向图
3D pattern

- 有源指标
Active indicator
- TRP总辐射功率
TRP total radiated power
- TIS总接收灵敏度
TIS total receiving 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 Range : 300 kHz - 8.5GHz

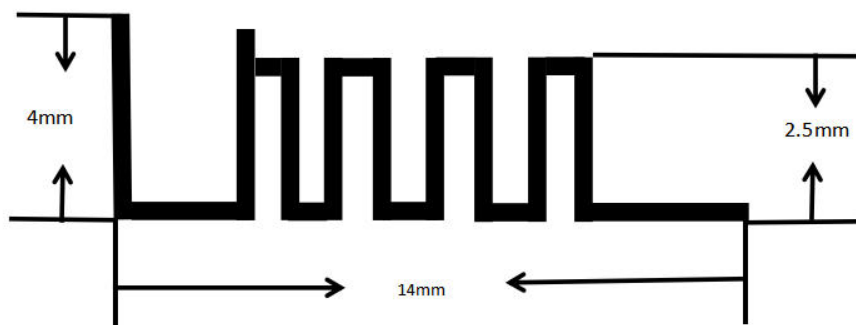


R&S CMW500 宽带无线通信测试仪
R&S CMW500 Broadband wireless communication tester

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

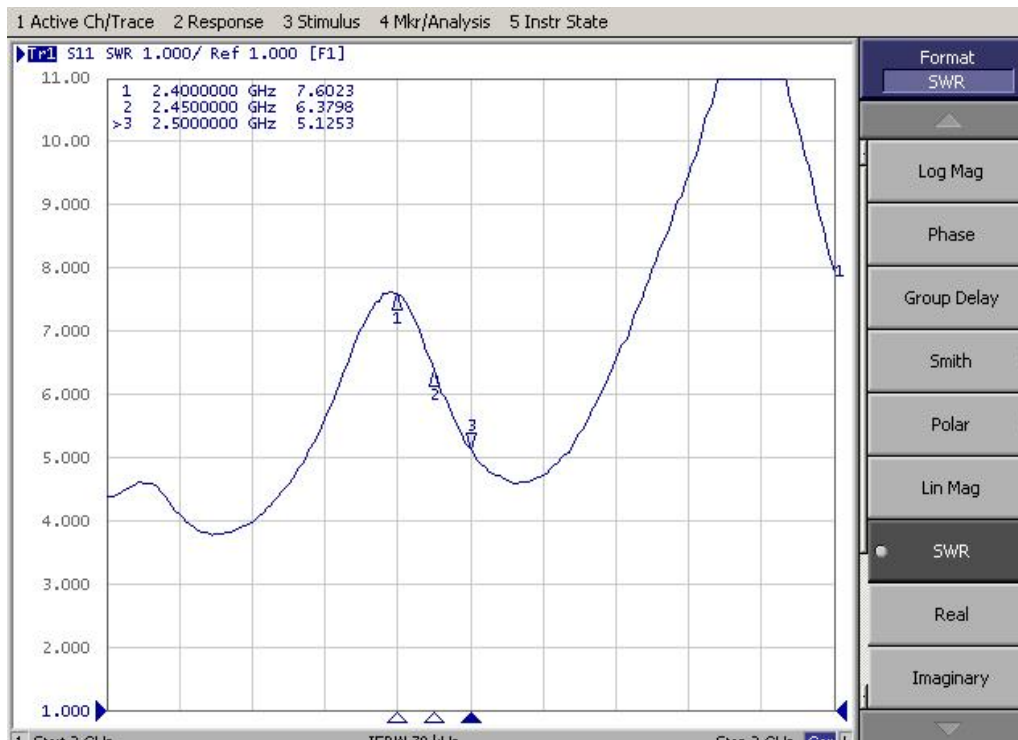


Antenna Photo&Length

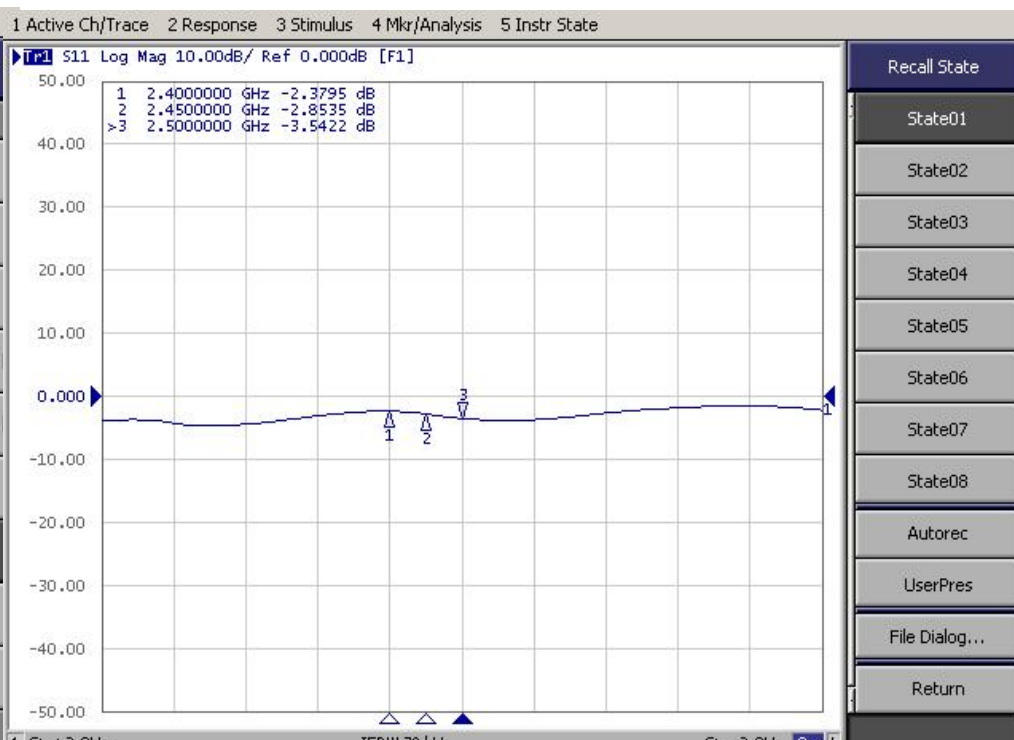


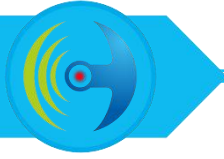


天线驻波比 Antenna SWR



天线回波损耗 Antenna Return loss





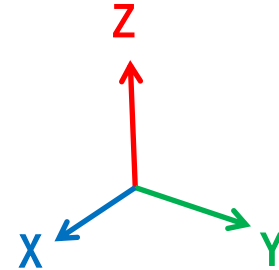
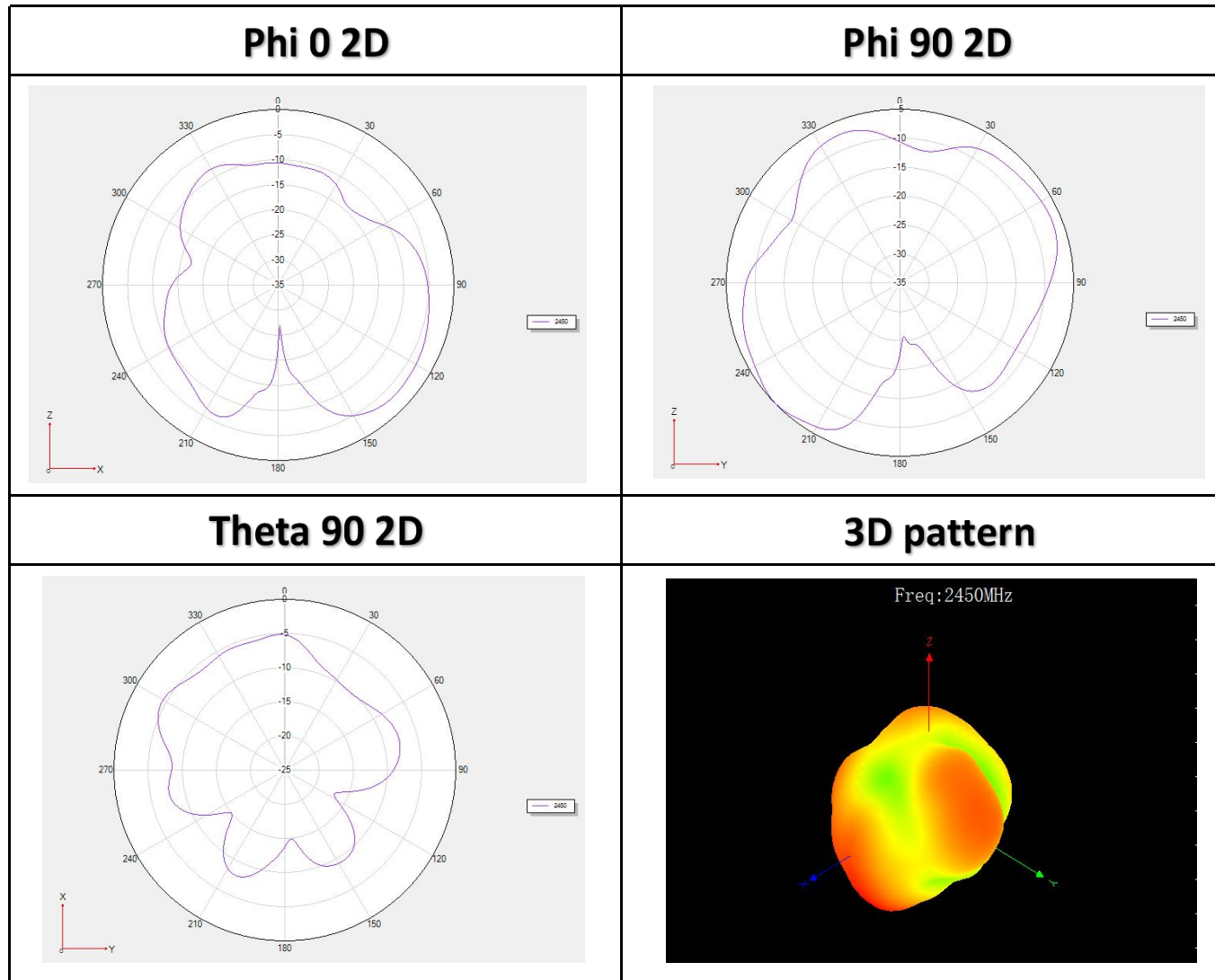
天线增益与效率 Antenna gain and efficiency

Freq(MHz)	Efficiency (%)	Gain(dBi)
2400	16.79	-4.56
2410	17.3	-4.33
2420	17.7	-4
2430	18.37	-3.5
2440	18.92	-3.14
2450	17.95	-2.92
2460	17.02	-3.38
2470	16.79	-3.49
2480	15.89	-3.54
2490	14.86	-3.65
2500	14.22	-3.27



天线辐射方向图

Antenna Radiation Pattern



Thanks for your support!
感谢您的支持!

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