

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.



Antenna specification

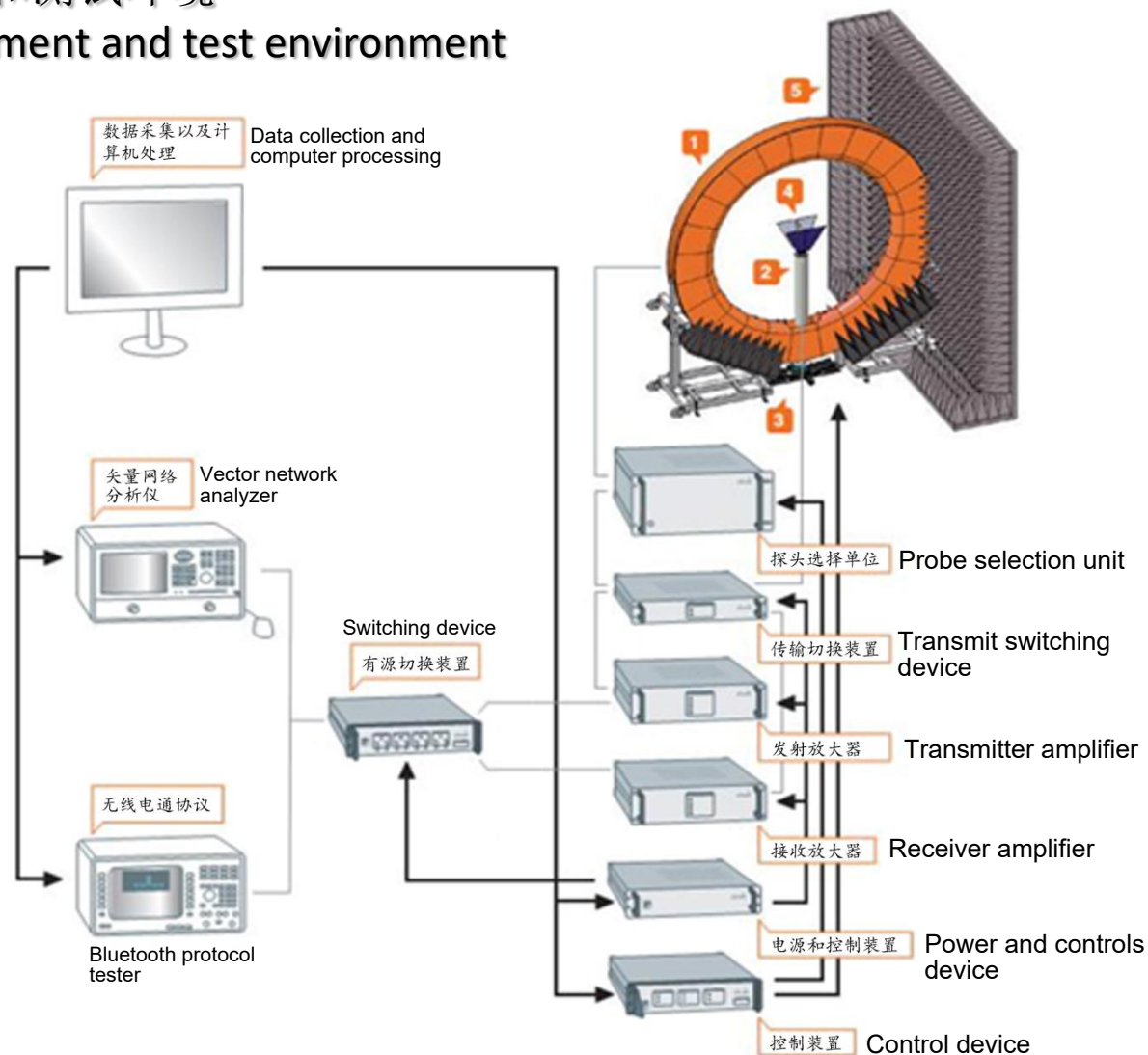
Antenna manufacturer:Shenzhen SiANGTE Technology Co., LTD
Antenna type:PCB

Item Model	FS28MM
Antenna Model	FS28
test by	wei yue e
check	xiaxingxi
date	2022-10-26



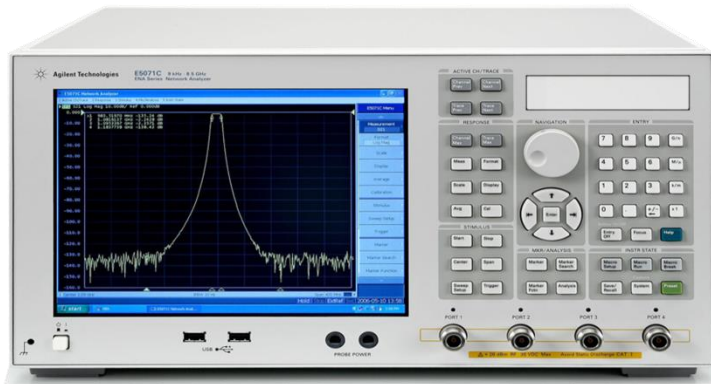
测试设备和测试环境

Test equipment and test environment





测试设备 Test equipment



Agilent E5071C 矢量网络分析仪
Vector network analyzer

- 频率: 300 kHz至8.5GHz
Frequency

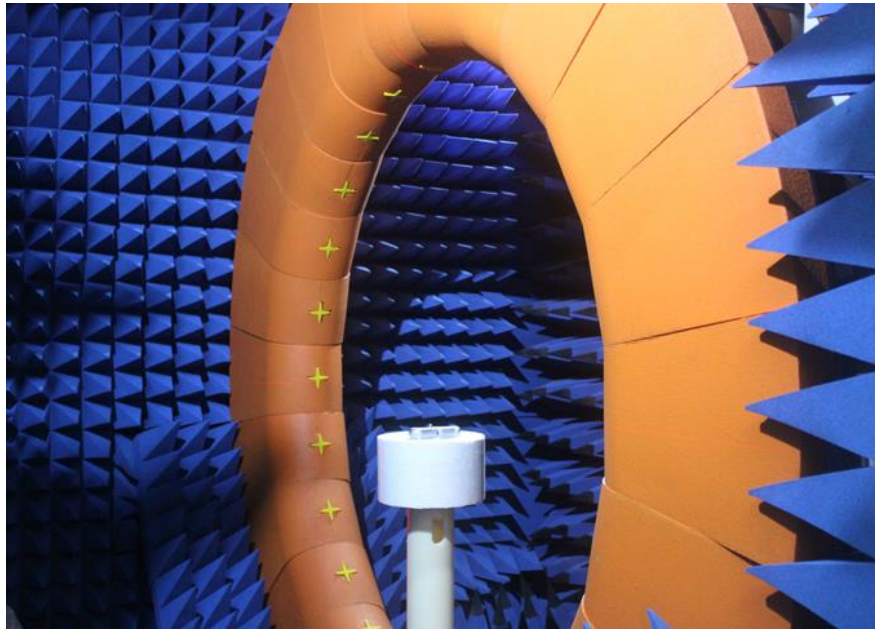


R&S CMW500 宽带无线通信测试仪
Wideband radio communication tester

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



测试设备 Test equipment



Probe microwave darkroom

➤ Fre: 0.4GHz至6GHz

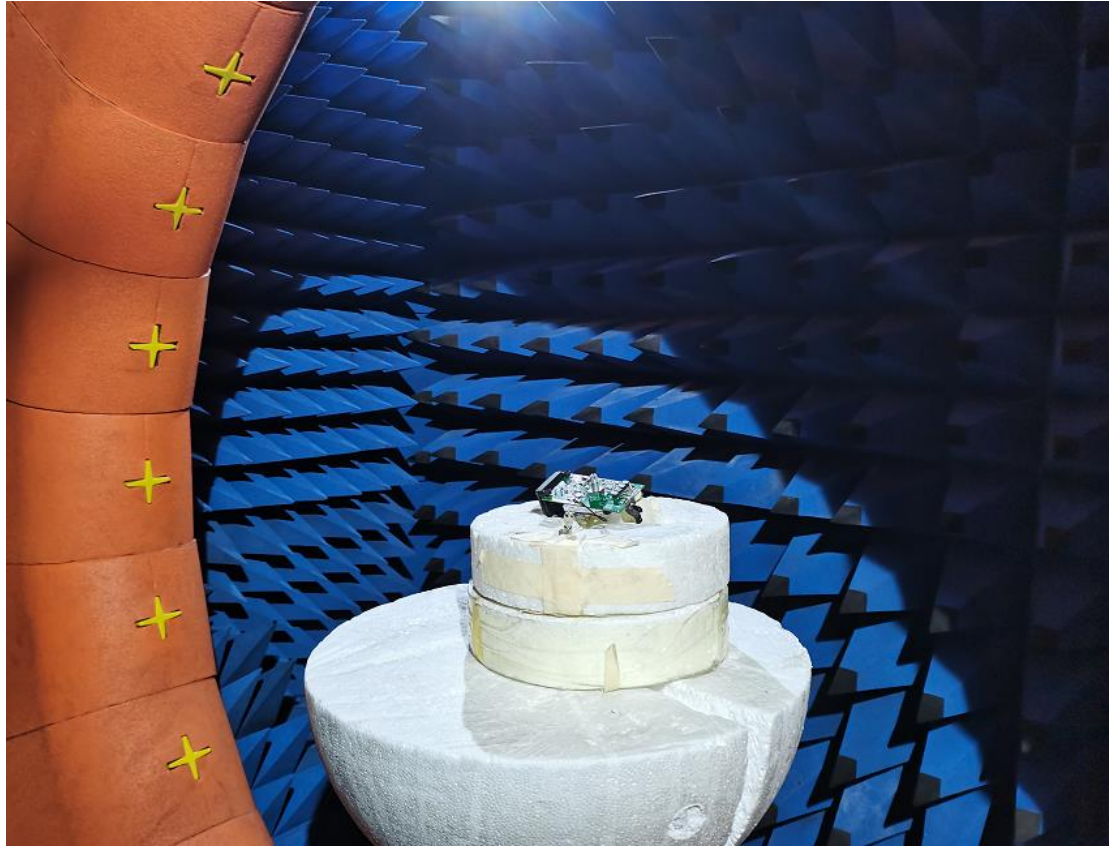
主要测试指标

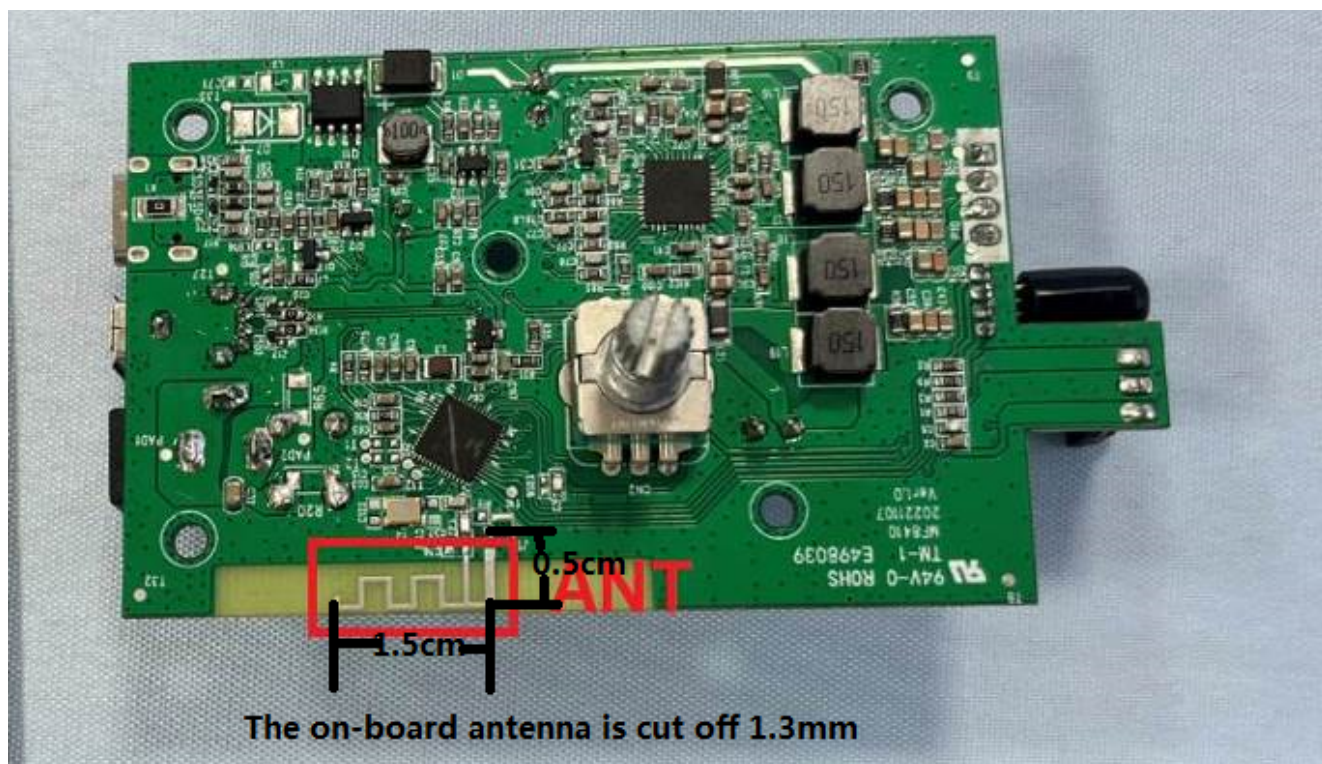
Main test indicators

- ◆ 无源指标 Passive indicator
 - ◆ 增益 gain
 - ◆ 效率 efficient
 - ◆ 3D方向图 3D direction diagram
-
- 有源指标 Active indicator
 - TRP总辐射功率 TRP total radiated power
 - TIS总接收灵敏度 Total receiving sensitivity of TIS



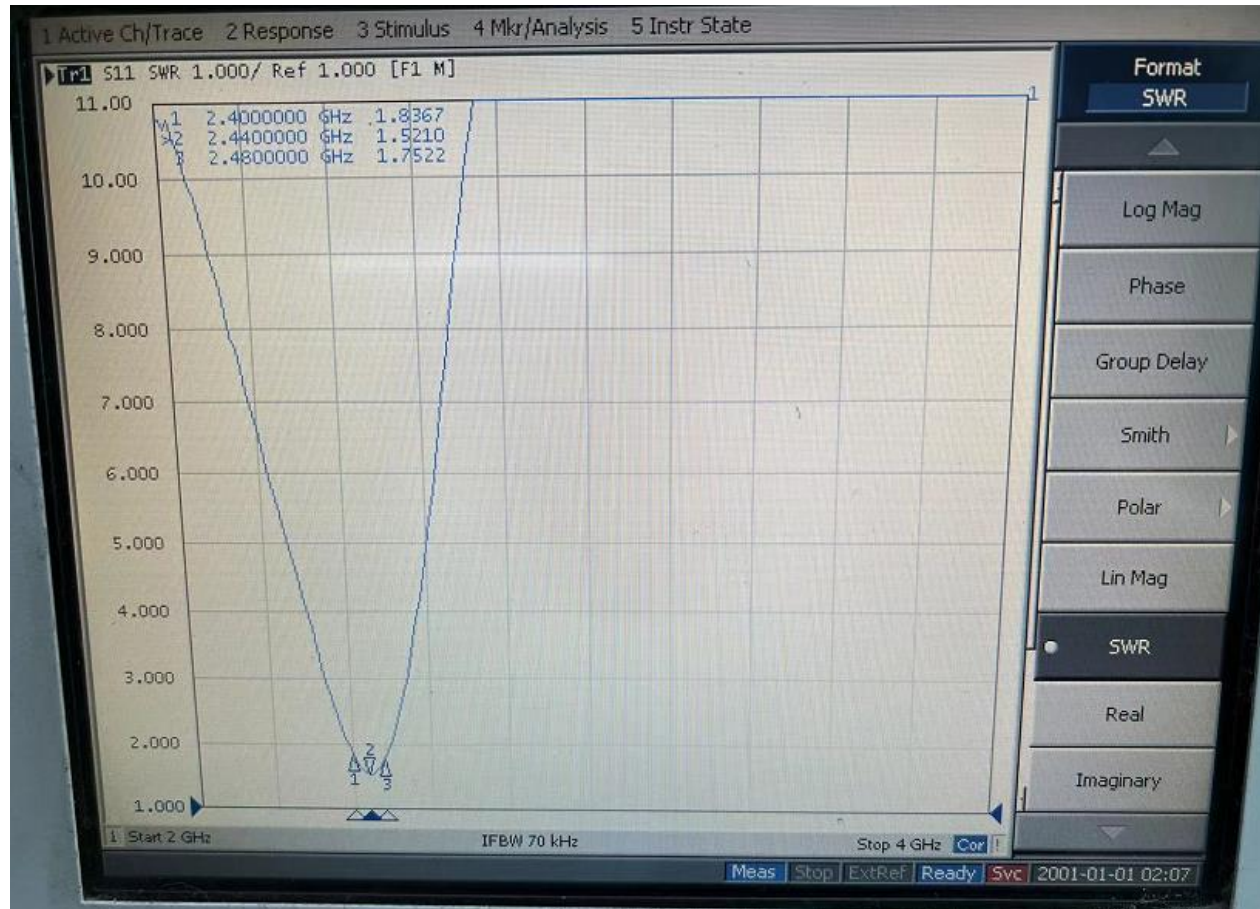
测试拍照
Test photos





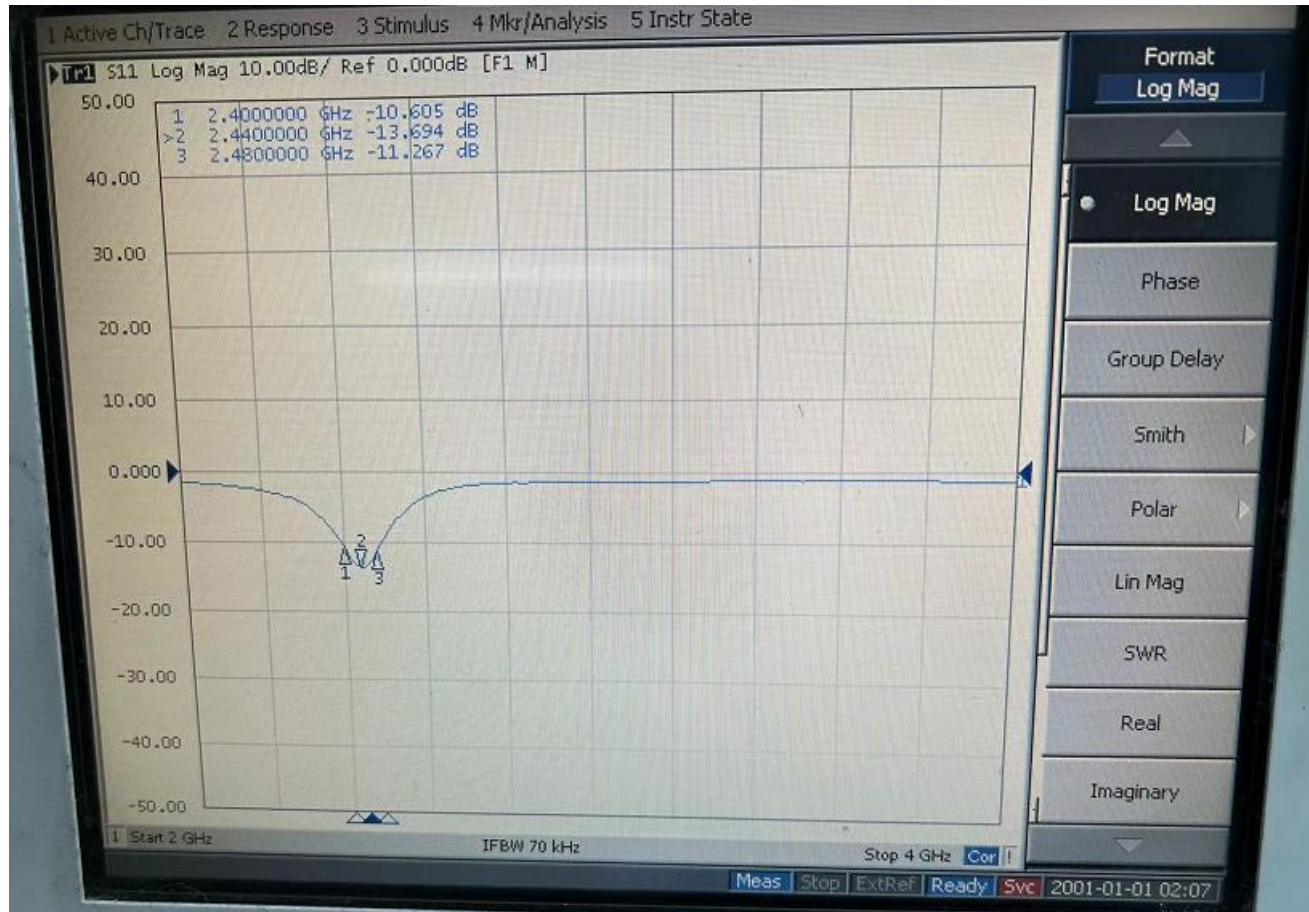


天线驻波比 Antenna SWR





天线回波损耗 Antenna Return loss

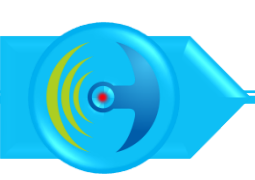




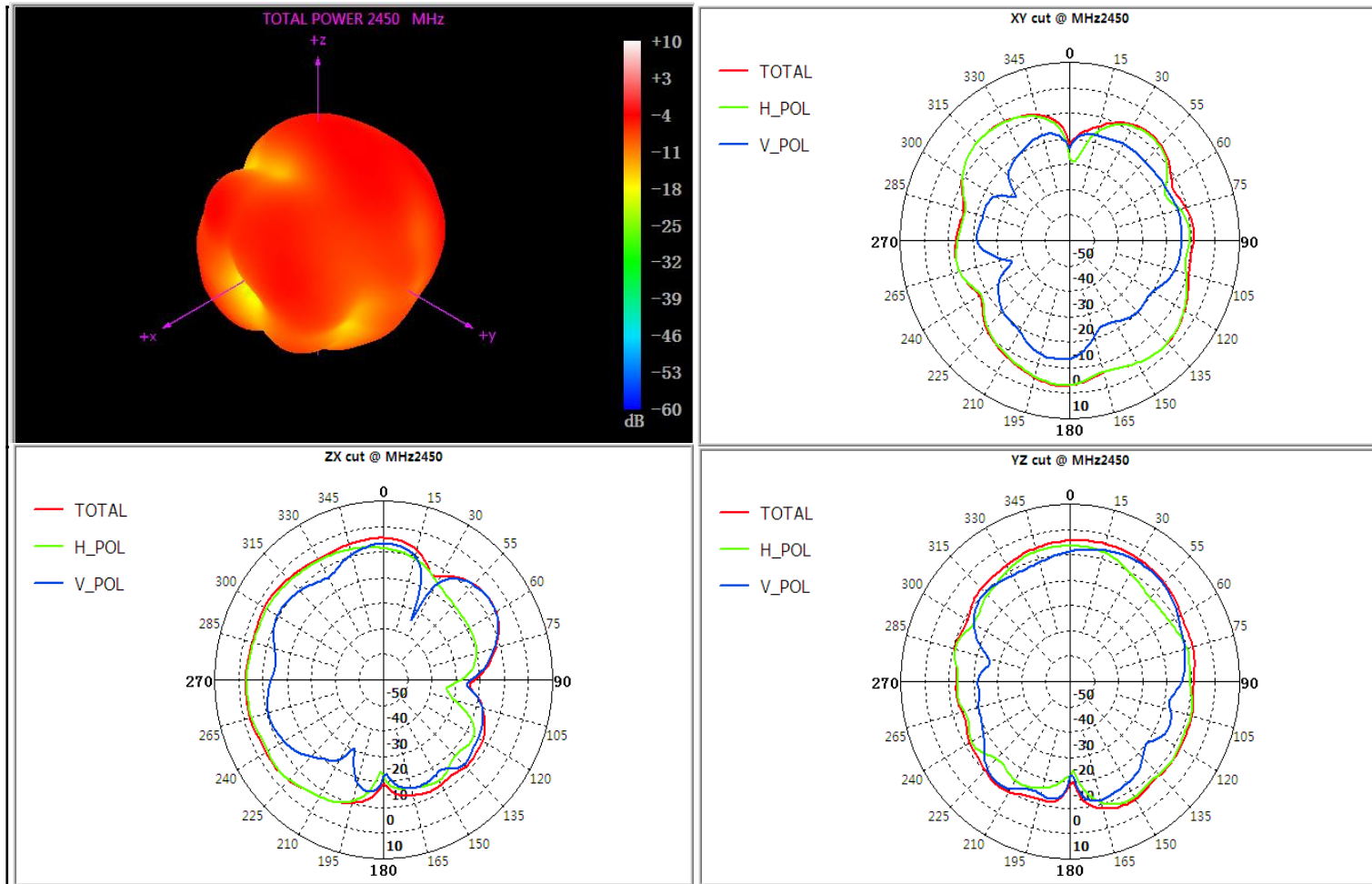
天线增益与效率

Antenna gain and efficiency

天线		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	18	-0.33
2410	18.65	0.01
2420	20.5	0.28
2430	21.78	0.44
2440	23.25	0.88
2450	24.48	0.93
2460	24.95	0.94
2470	26.48	1.08
2480	26.84	1.22
2490	28.19	1.52
2500	28.83	2.01



天线辐射方向图 Antenna Radiation Pattern



Thanks for your support!

感谢您的支持!

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