FEIMIN 飞敏科技

专业天线服务商

深 圳 市 飞 敏 科 技 有 限 公 司

SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.

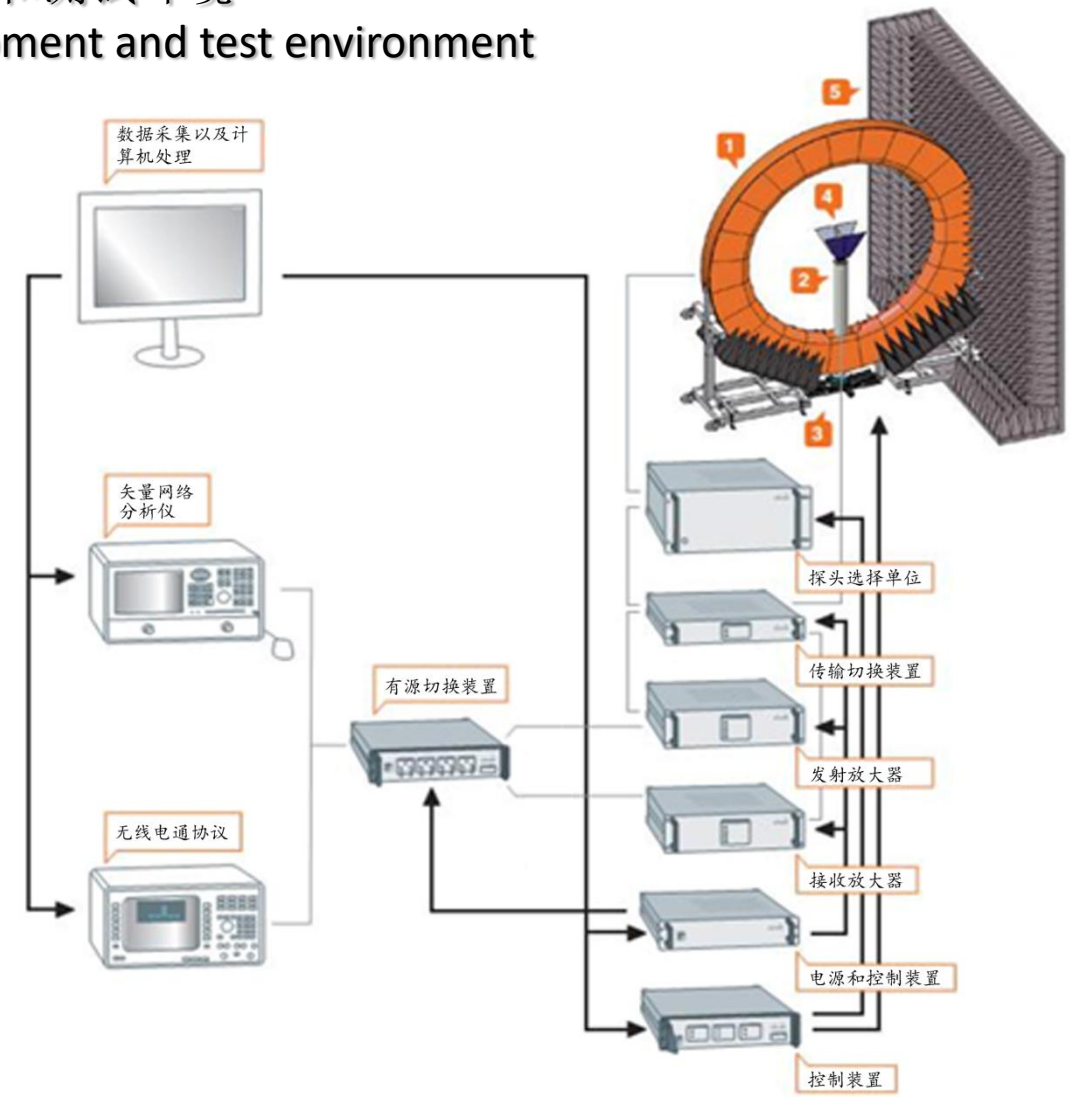
天线测试报告

Antenna test report

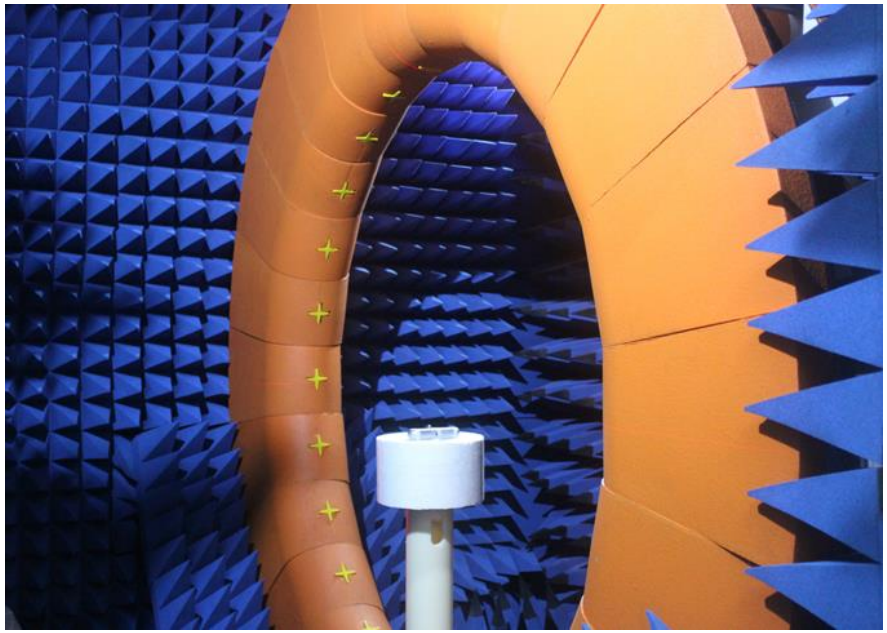
项目型号	
天线型号	
测　　试	魏月娥
审　　核	夏兴喜
日　　期	2022-09-08

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

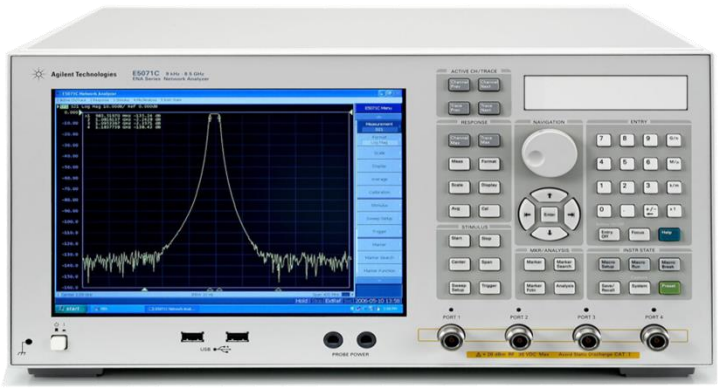
➢ 频率：0.4GHz至6GHz

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



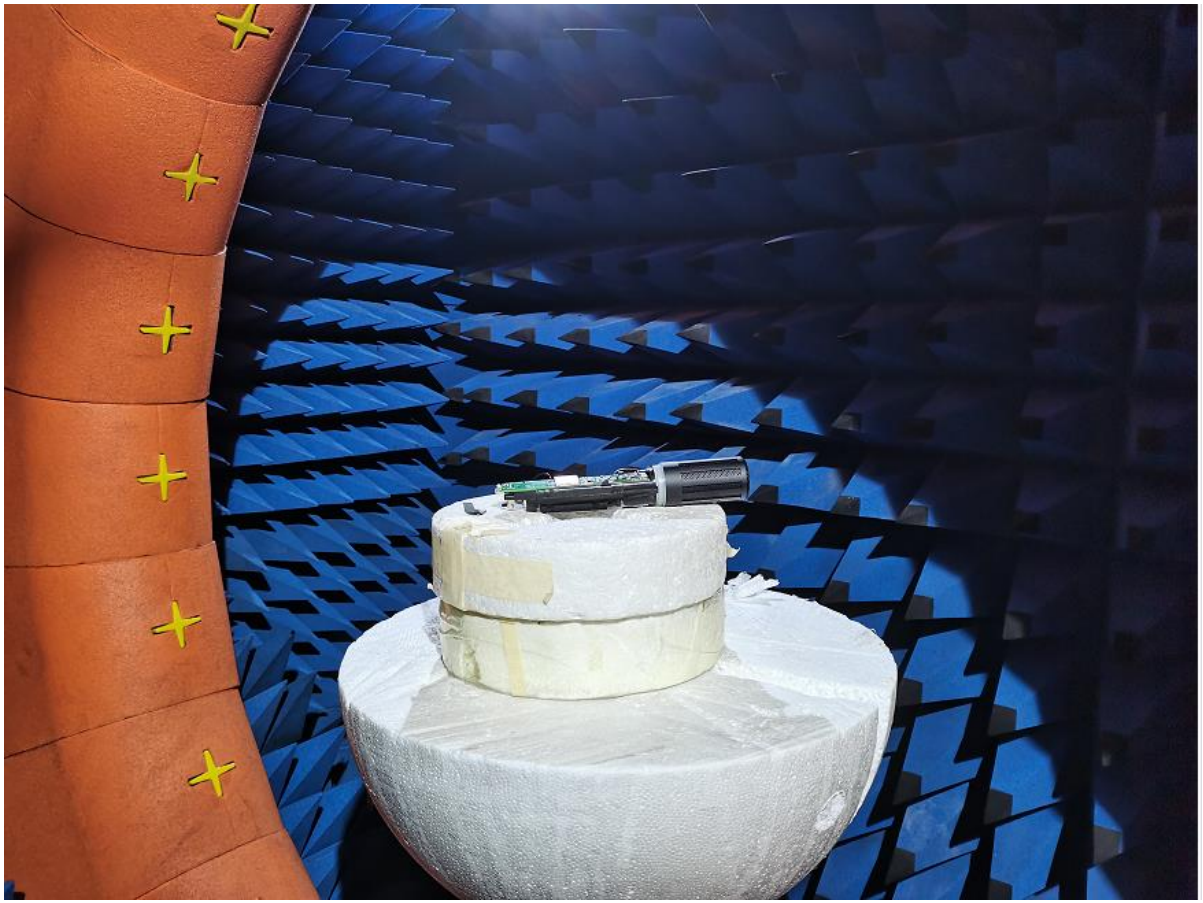
Agilent E5071C矢量网络分析仪

- 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

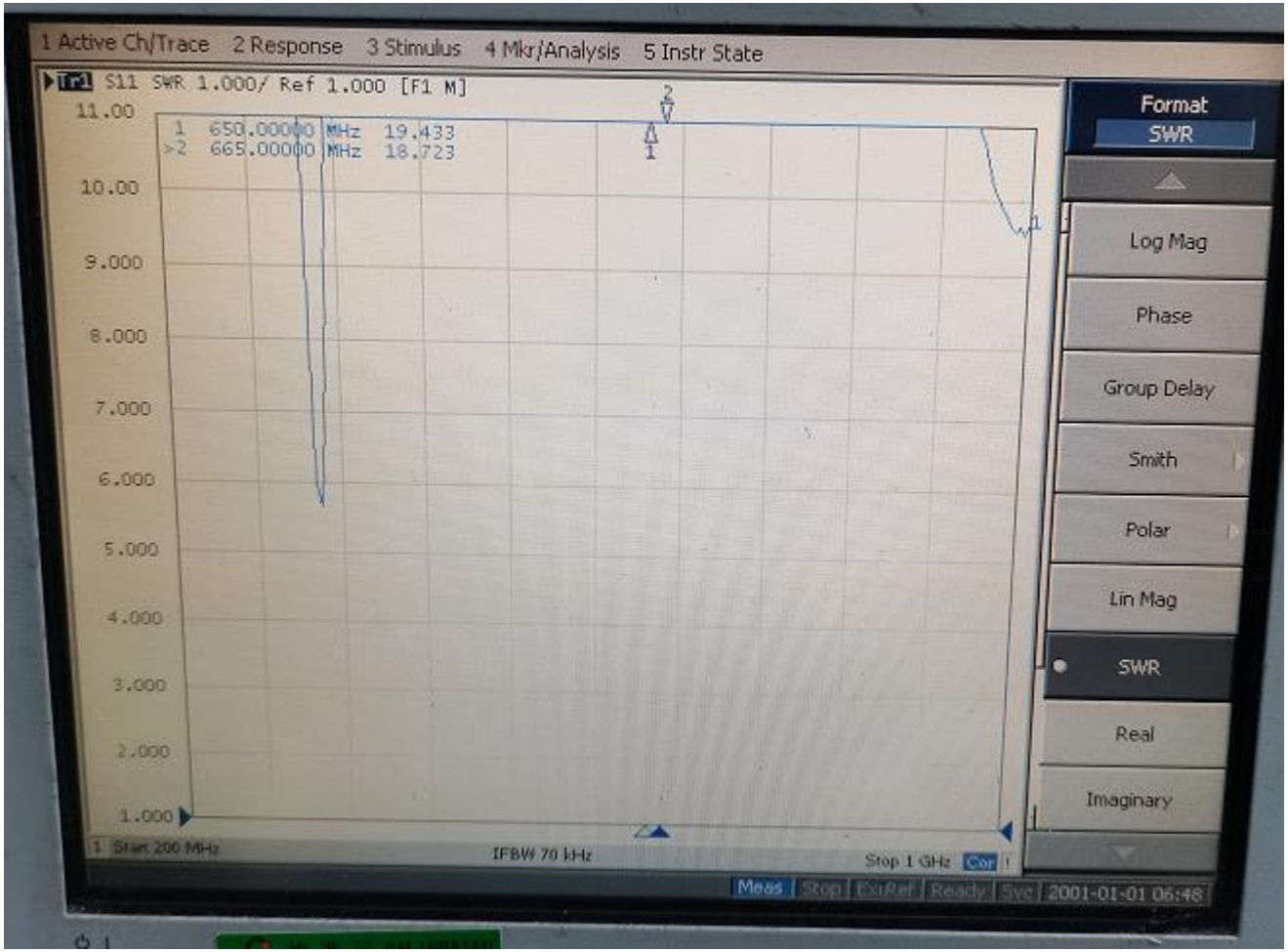
测试拍照
Test photos



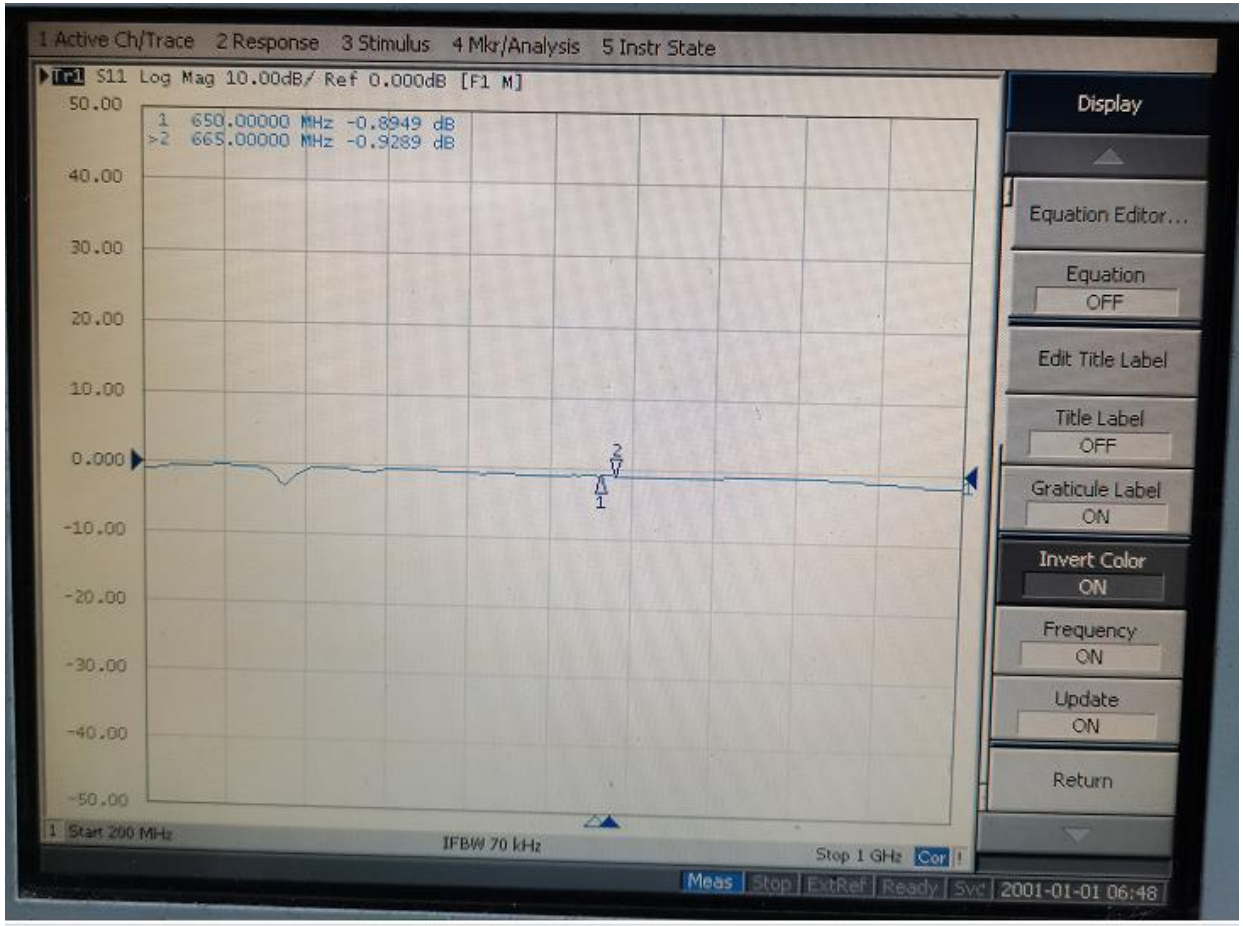
天线安装位置

Passive antenna data

天线驻波比
Antenna SWR



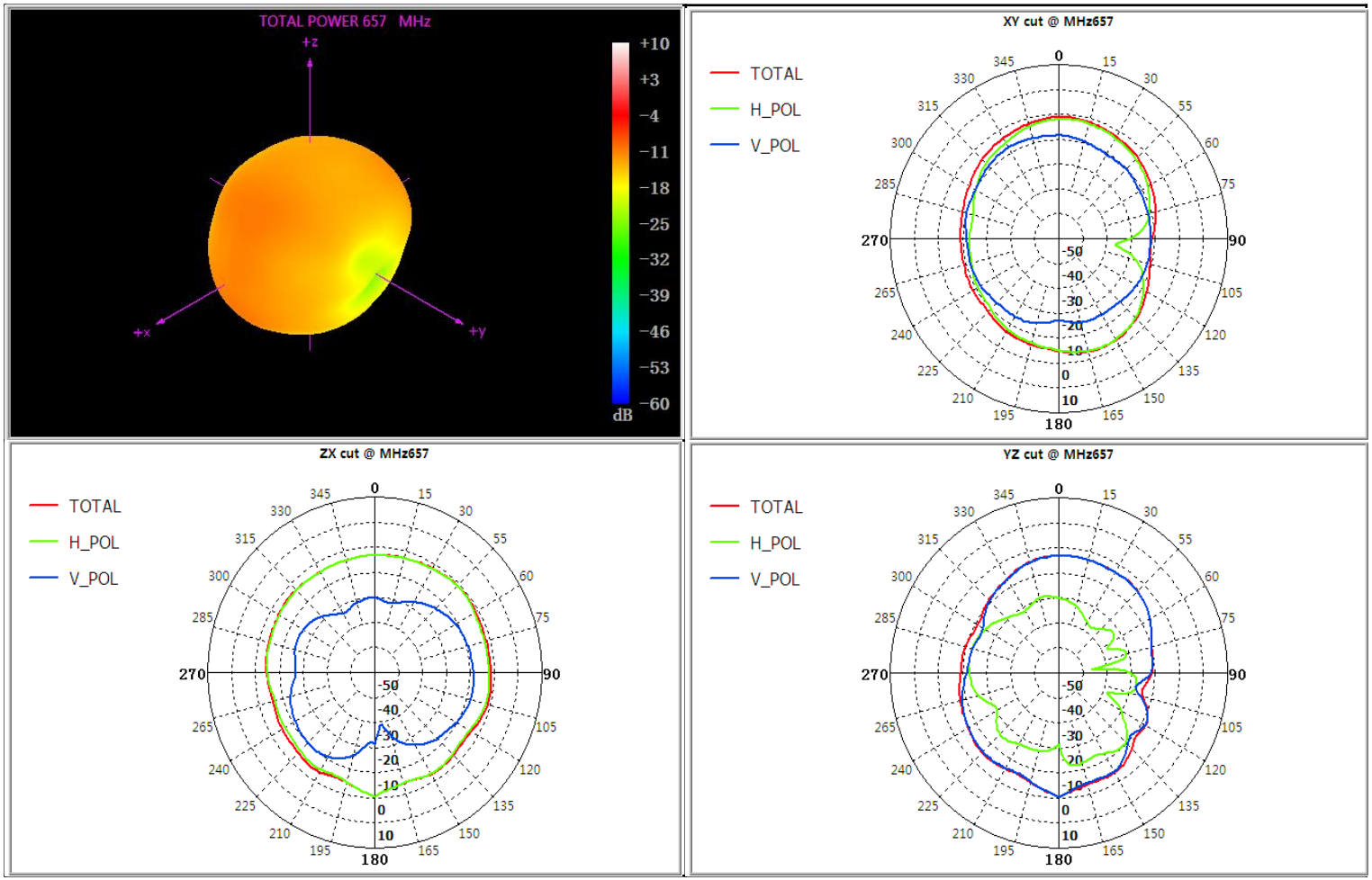
天线回波损耗
Antenna Return loss



天线增益与效率
Antenna gain and efficiency

	天线		
	Freq(MHz)	Efficiency (%)	Gian(dBi)
A	657 MHz	7.55	-10.48
	657.5 MHz	7.6	-10.41
	658 MHz	7.67	-10.33
	658.5 MHz	7.73	-10.24
	659 MHz	7.79	-10.18
	660 MHz	7.86	-10.1
B	660.5 MHz	7.24	-10.33
	661 MHz	7.26	-10.41
	661.5 MHz	7.27	-10.47
	662 MHz	7.25	-10.51
	662.5 MHz	7.27	-10.49
	663 MHz	7.28	-10.48

天线辐射方向图
Antenna Radiation Pattern



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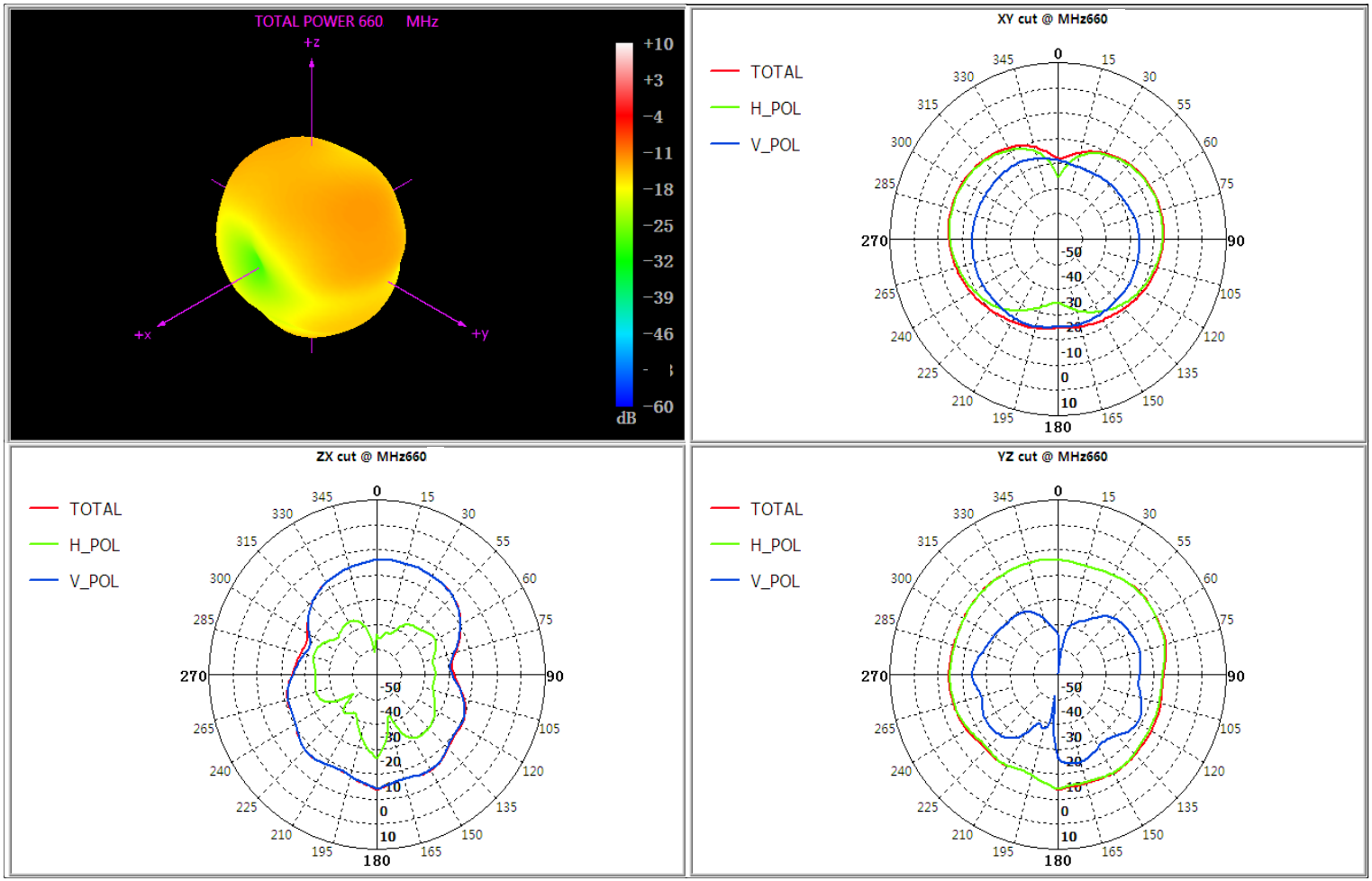

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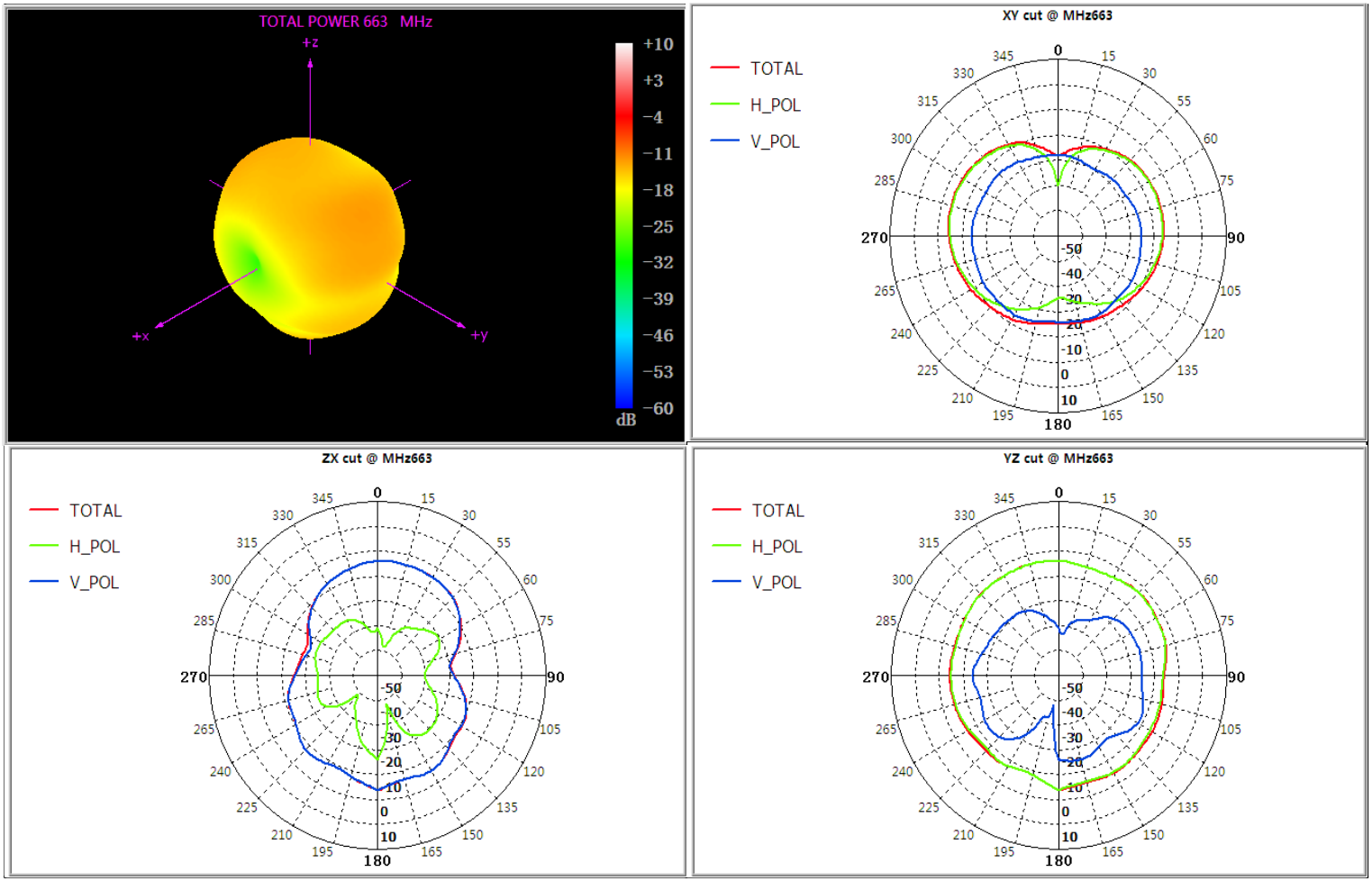

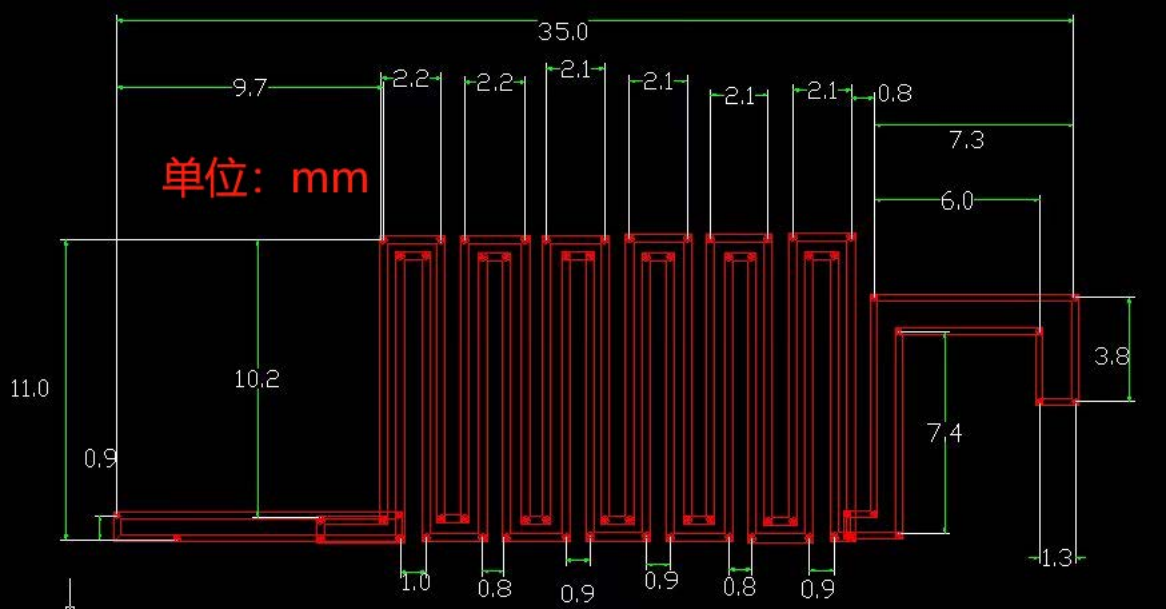
35.0
9.7
2.2
2.2
2.1
2.1
2.1
2.1
0.8
7.3
6.0
单位：mm
11.0
10.2
0.9
3.8
7.4
1.3
1.0
0.8
0.9
0.9
0.8
0.9

Thanks for your support!
感谢您的支持！

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