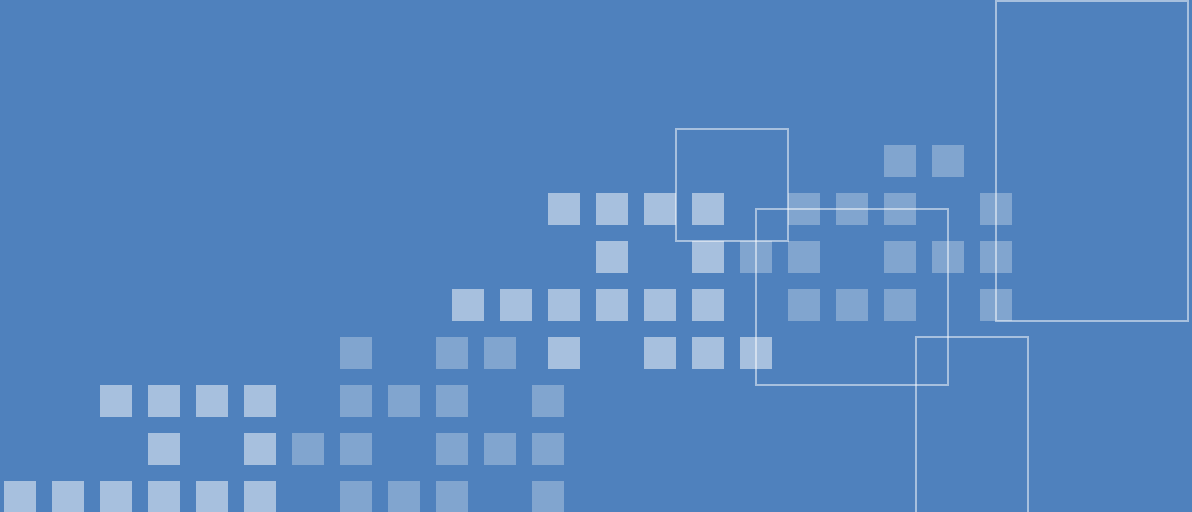




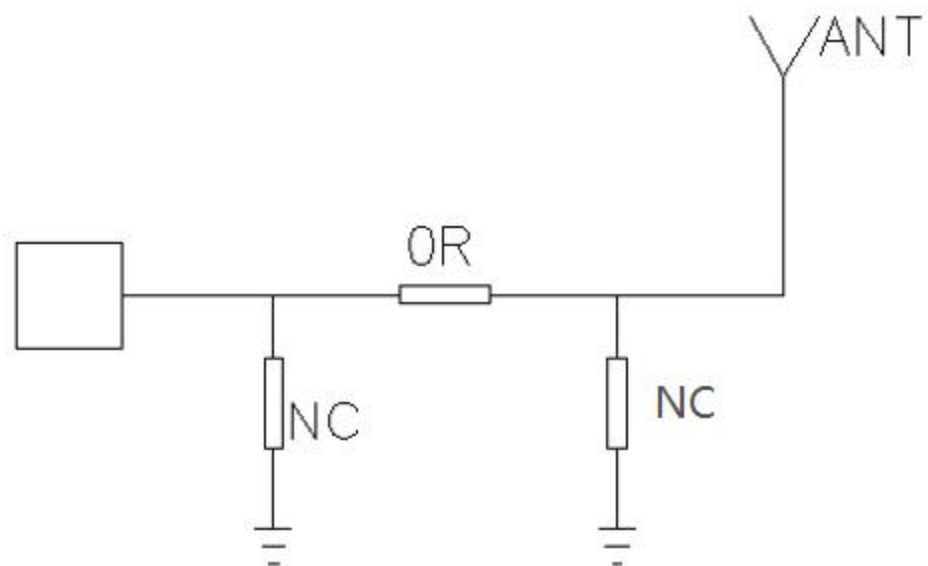
AH181-天线调试资料-01

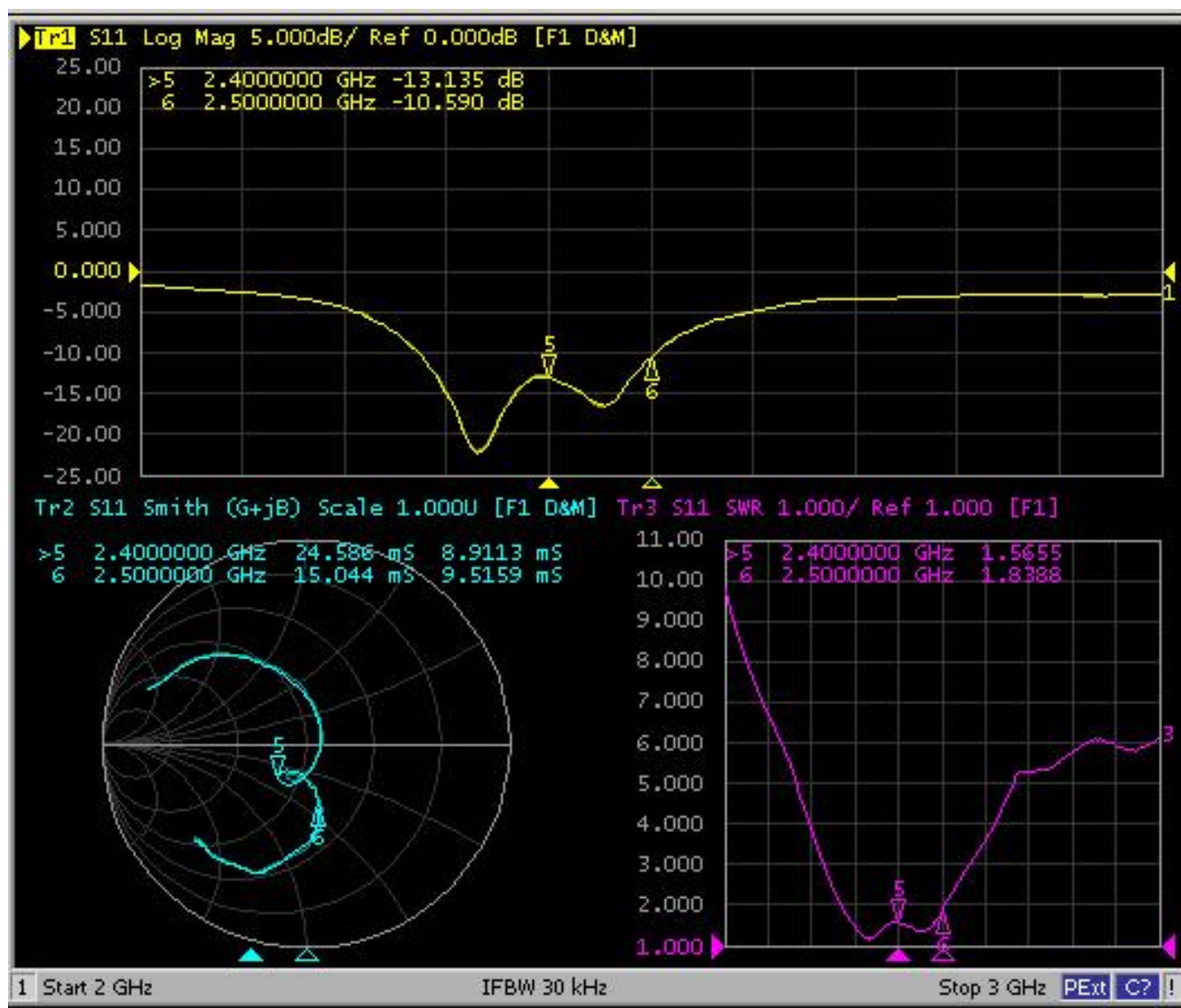
深圳宏为通信技术有限公司

2023-07-10

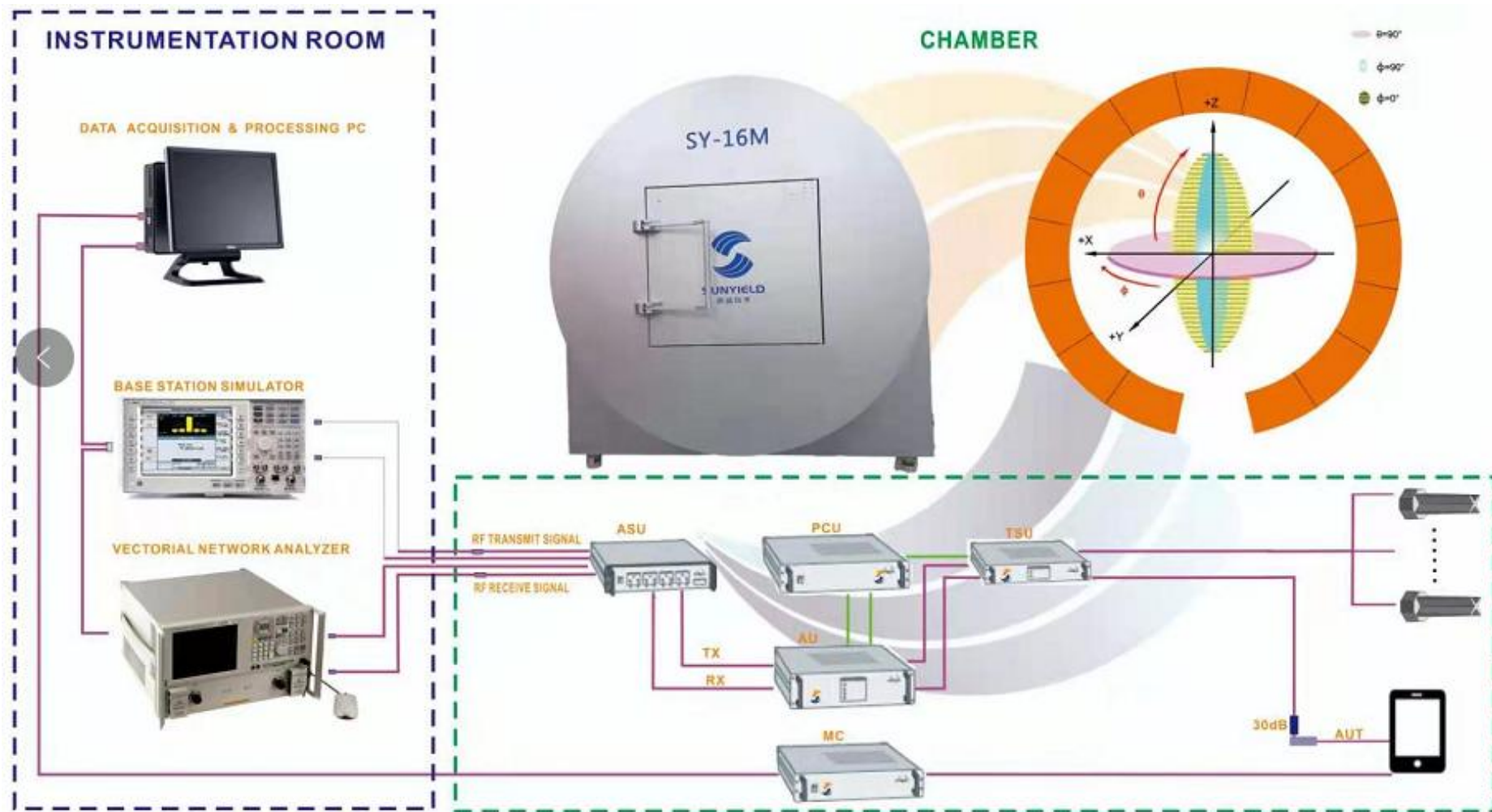
Confidential

天线匹配





有源无源 测试方法



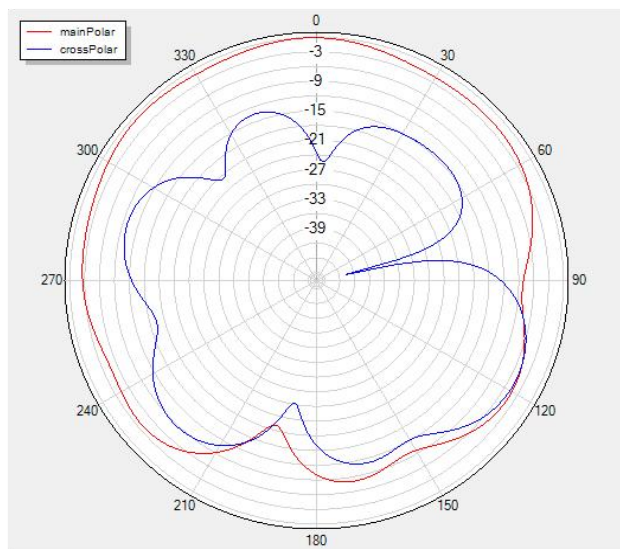
测试示意图

无源测试结果

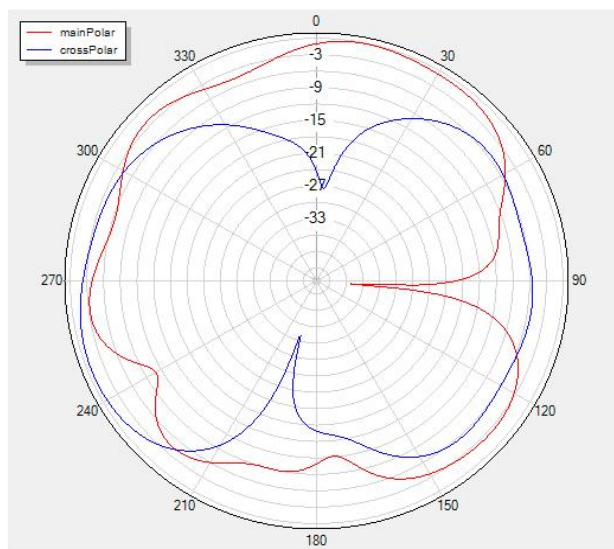
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	1.62	-2.98	50.32
2410	1.49	-3.05	49.51
2420	1.45	-3.31	46.62
2430	1.34	-3.48	44.85
2440	1.03	-3.68	42.89
2450	1.53	-3.79	41.78
2460	1.28	-3.85	41.24
2470	1.05	-3.92	40.56
2480	0.78	-4.02	39.6
2490	0.3	-4.06	39.23
2500	-0.04	-4.31	37.1

天线测试数据/效率

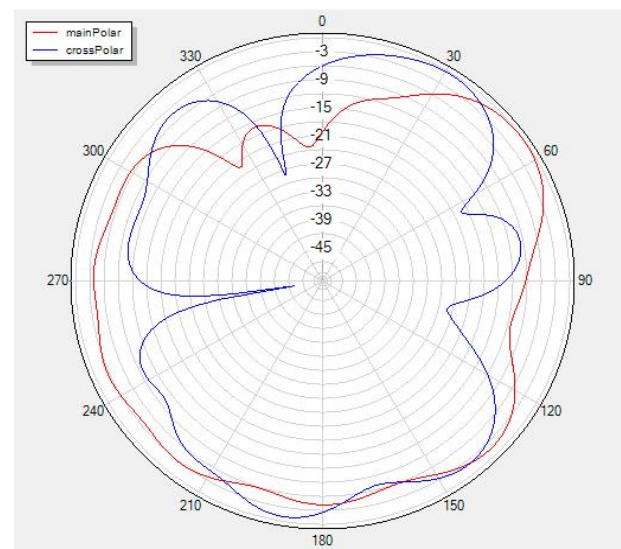
方向图 2D



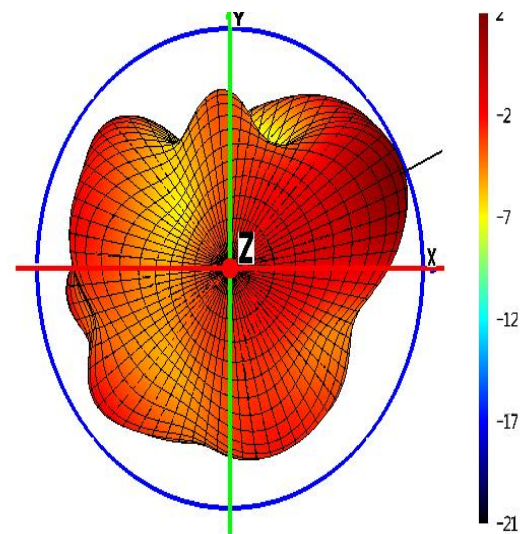
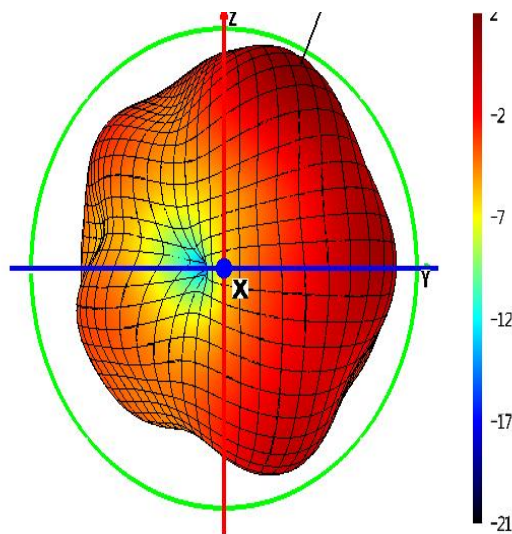
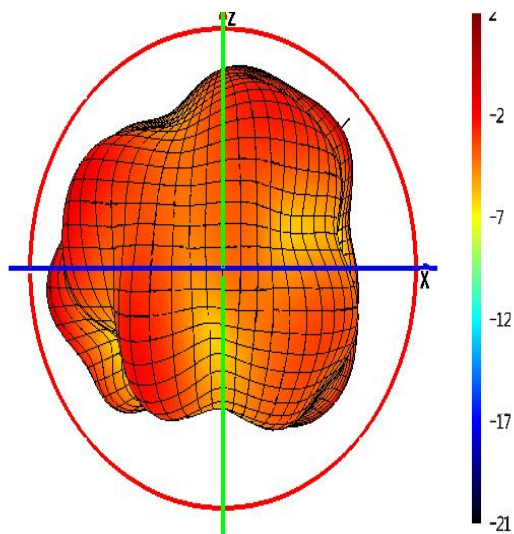
$\Phi=90$



$\Phi=0$



$\Theta=90$



Measurement	Channel	Total
TRP	0	8.55
TRP	39	7.4
TRP	78	6.22
TIS with EIRP	0	-91.02
TIS with EIRP	39	-90.74
TIS with EIRP	78	-87.58

OTA数据