



AH183-antenna test Report-02

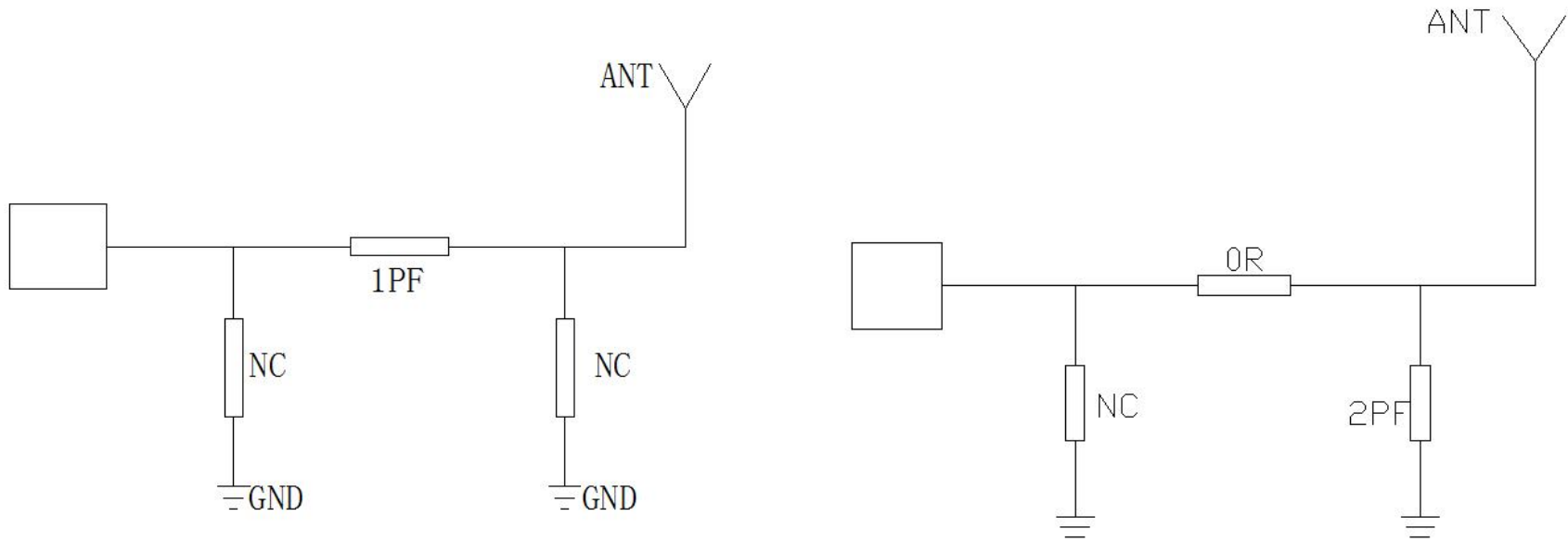
2023-08-4

Confidential

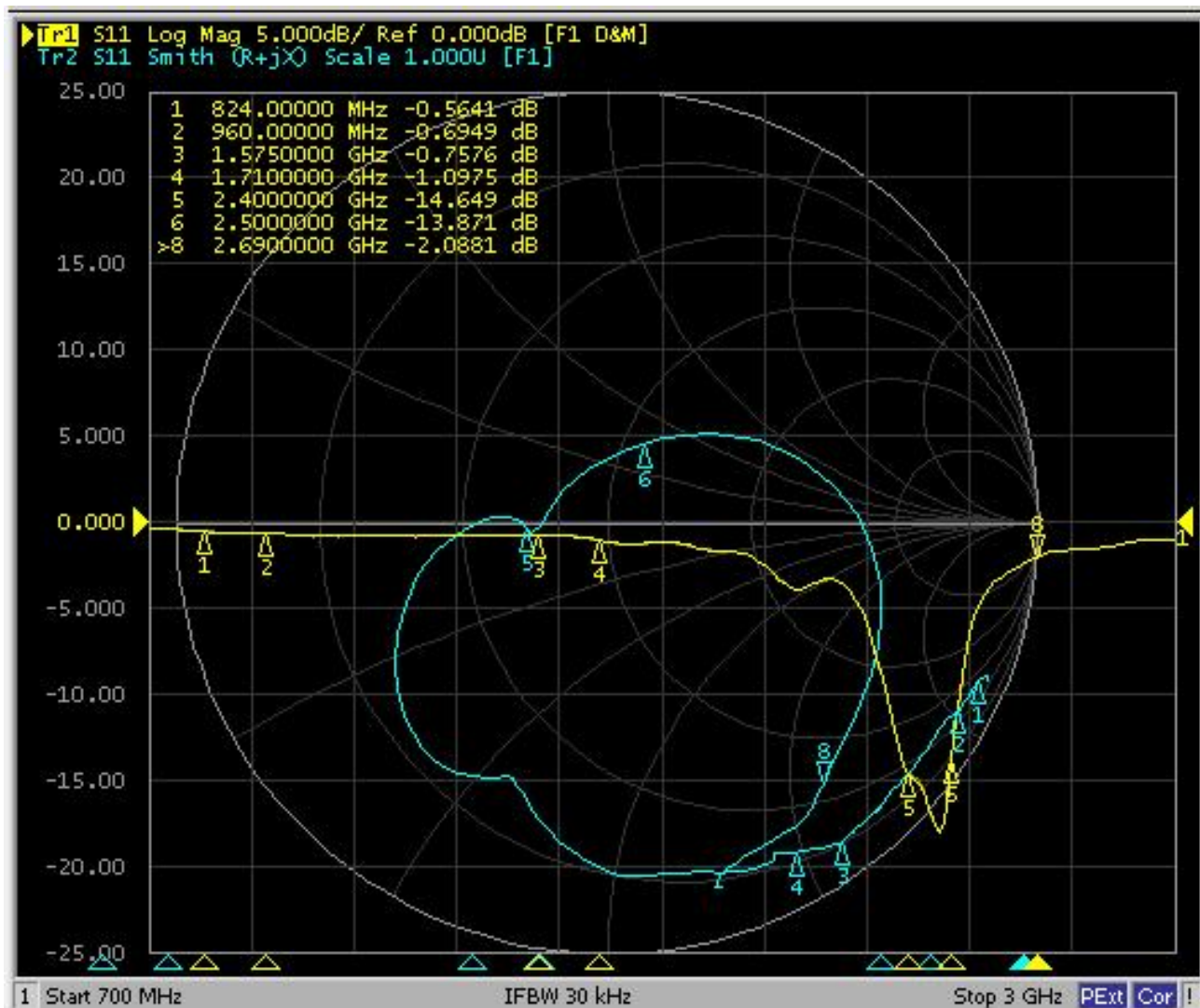
Equipment photos



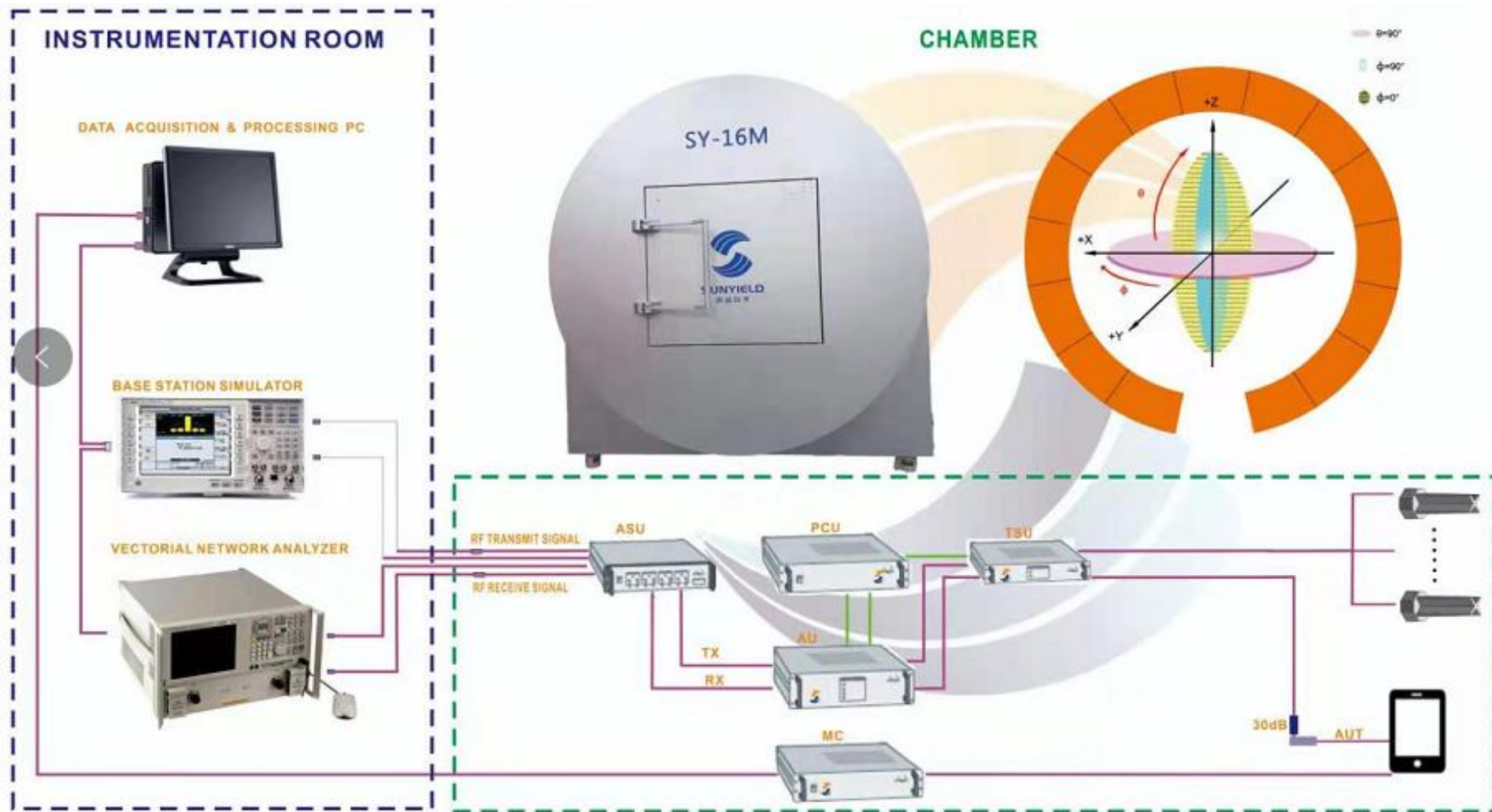
Antenna Matching Circuit



Return Loss



Antenn Test method



测试示意图

Passive Efficiency

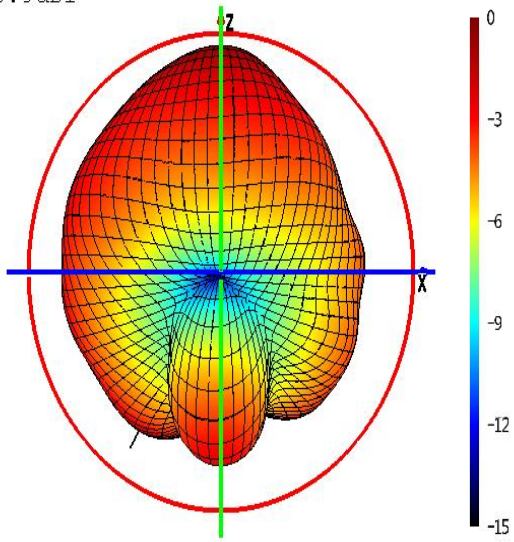


frequency 频率(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
gain 增益(dBi)	-0.38	-0.08	-0.06	-0.16	-0.13	-0.07	-0.03	0.1	0.08	-0.05	-0.09
efficiency 效率(%)	36.09	37.89	38.13	38.88	39.1	39.59	39.27	38.74	38.23	37.91	36.84

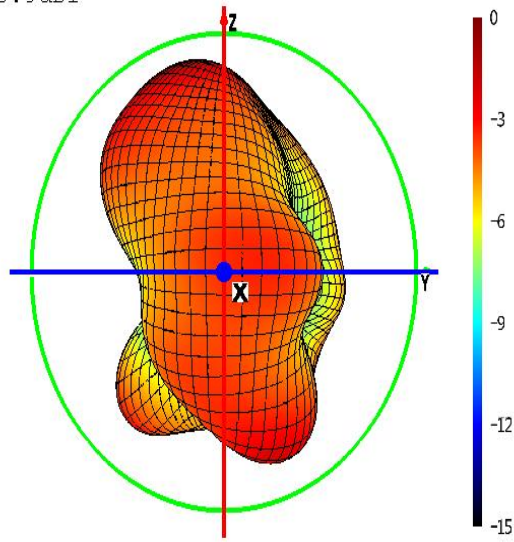
Passive Efficiency (freed Space)

PolarGraphs 3D

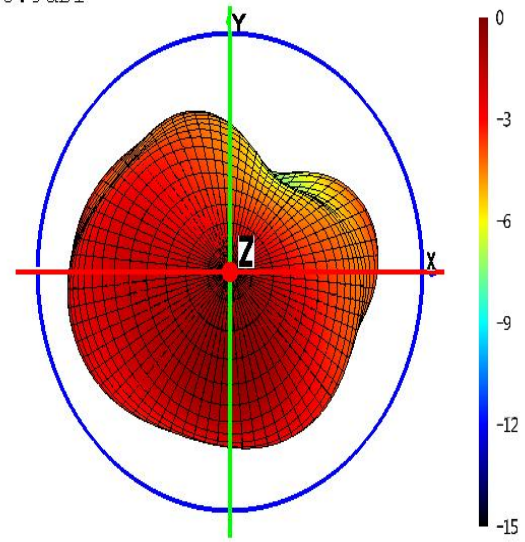
MAX: -0.13dBi
MIN: -15.9dBi



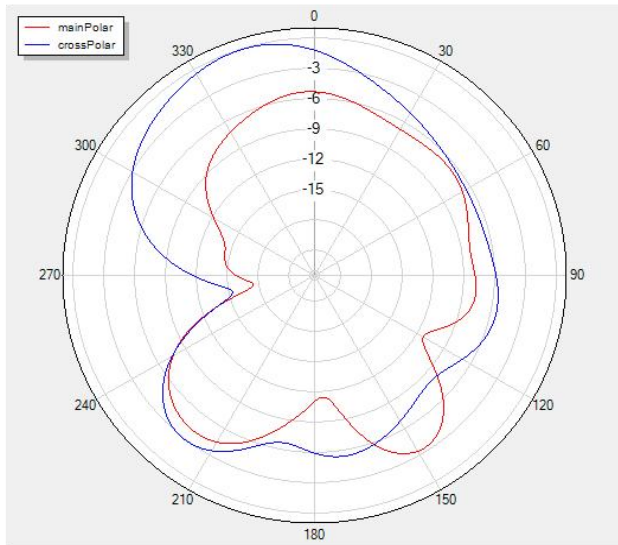
MAX: -0.13dBi
MIN: -15.9dBi



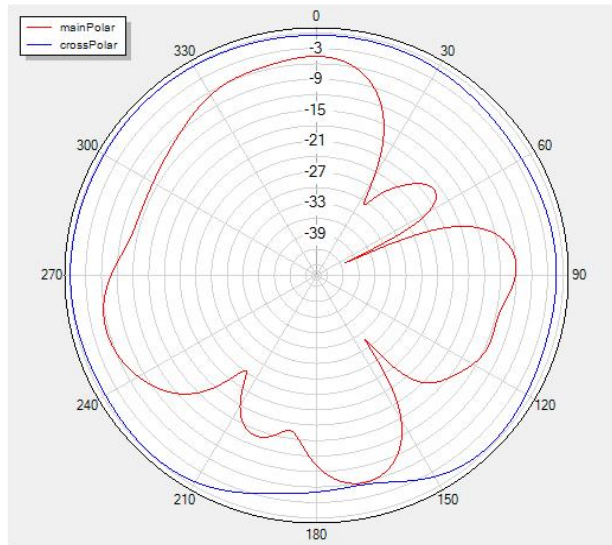
MAX: -0.13dBi
MIN: -15.9dBi



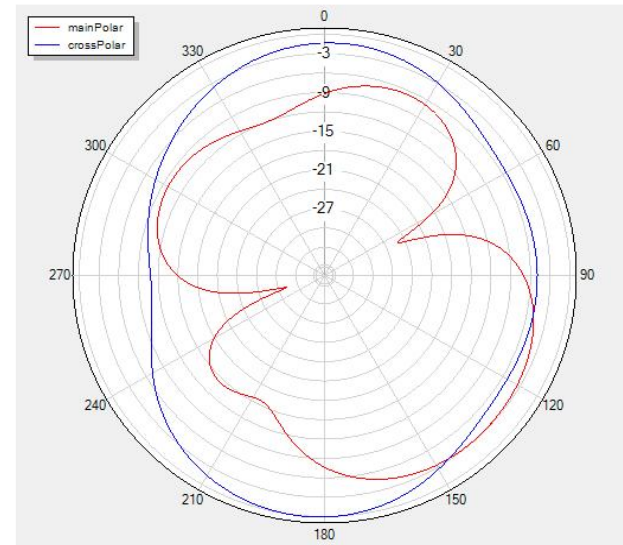
PolarGraphs 2D



$\Phi=90$



$\Phi=0$



$\Theta=90$