

WL3HR1500项目天线测试报告

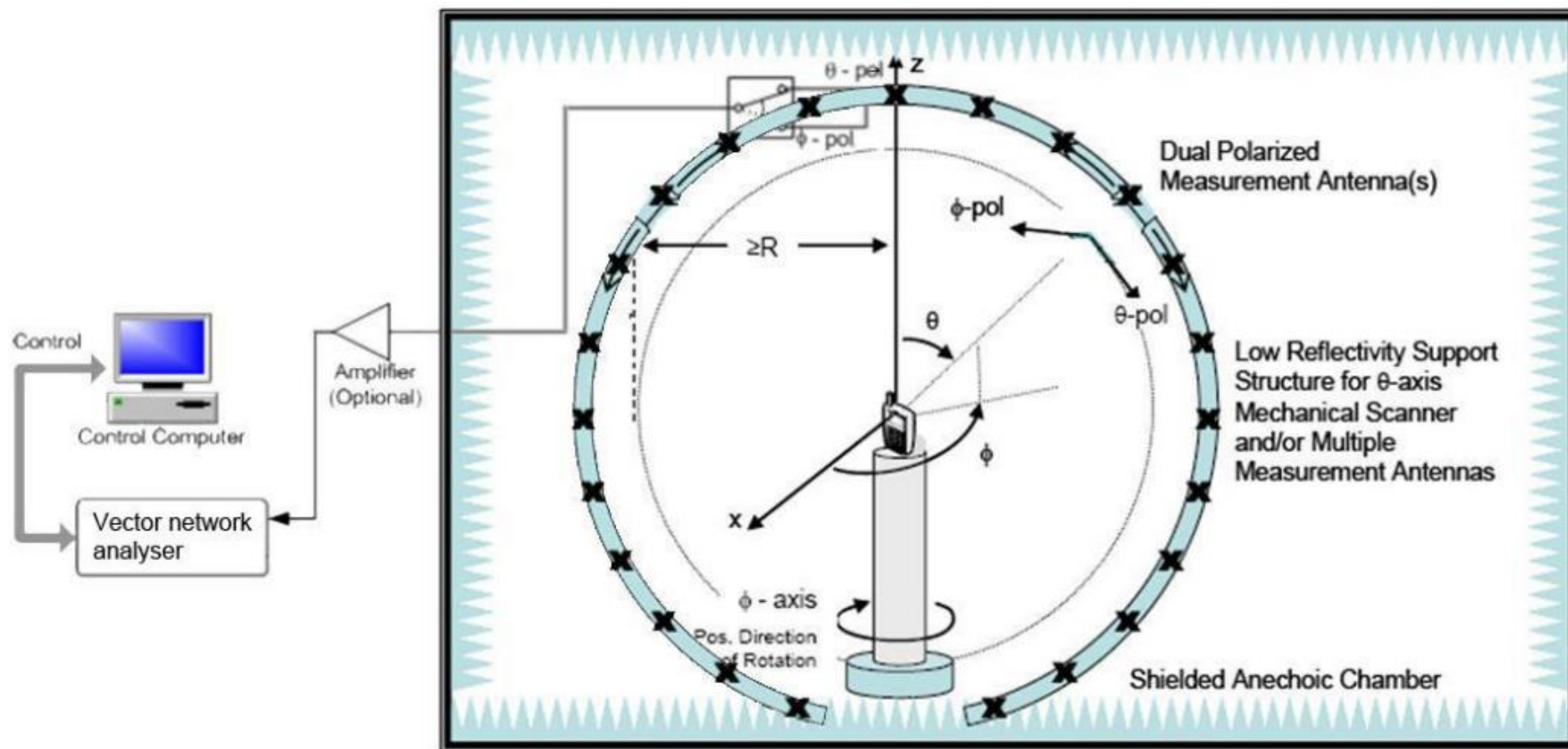
Test Lab:	ZTX					
Address:	No. 34 Shilong Avenue, Shiyan Street, Bao'an District, Shenzhen, China					
Test Date:	16-Mar-23					
Engineer:	Zhao Fer -					
Test Software:	Satimo.Spm June 6, 2023					
Test Software version:	1.5.5					
Test Standard:	GB/T.9410-2008					
Calibration equipment table:	testing instrument	manufacturer	model	serial number	Calibration Date	Calibration expiration date
	network analyzer	Keysight	E5071C	MY47002902	2023.4.20	2023.4.19
	network analyzer	Agilent	E5071C	MY46521960	2023.4.20	2023.4.19
	SG24 antenna testing system	SATIMO	SG24		2023.4.20	2023.4.19

Test Step Flow

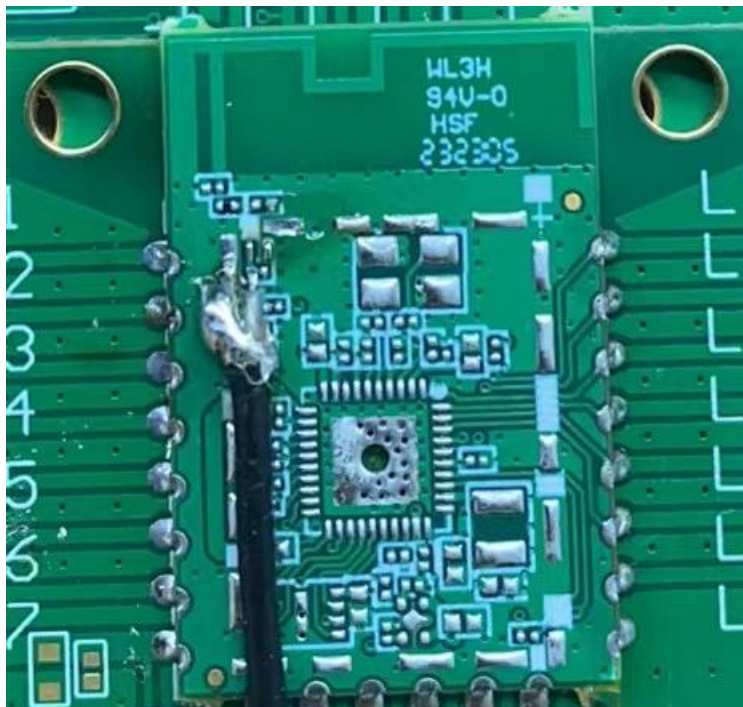
1. Maintain the test ambient temperature of 23±2 C, the instrument is powered on and preheated for more than 30 minutes
2. Turn on the darkroom power supply, connect the test cable, and set up the sample according to the standard
3. Outline sets the test content objectives and conducts calibration tests
4. Run the EMQuest OTA software, the test is complete, export the corresponding test diagram and test data, and save to the corresponding directory

- 测试程序
- 模块实物图
- 测试环境
- 天线无源测试数据

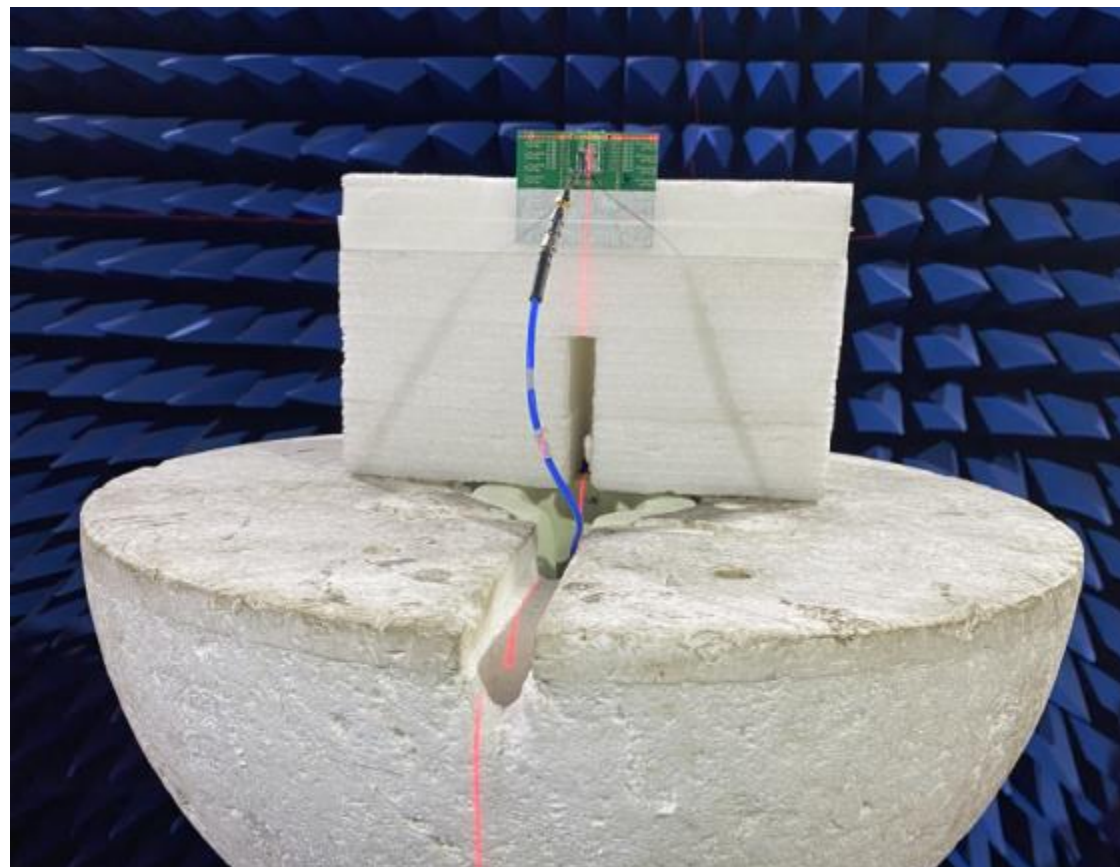
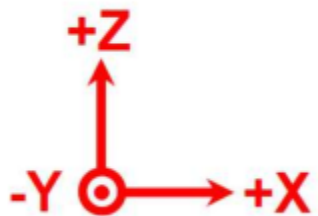
测试程序



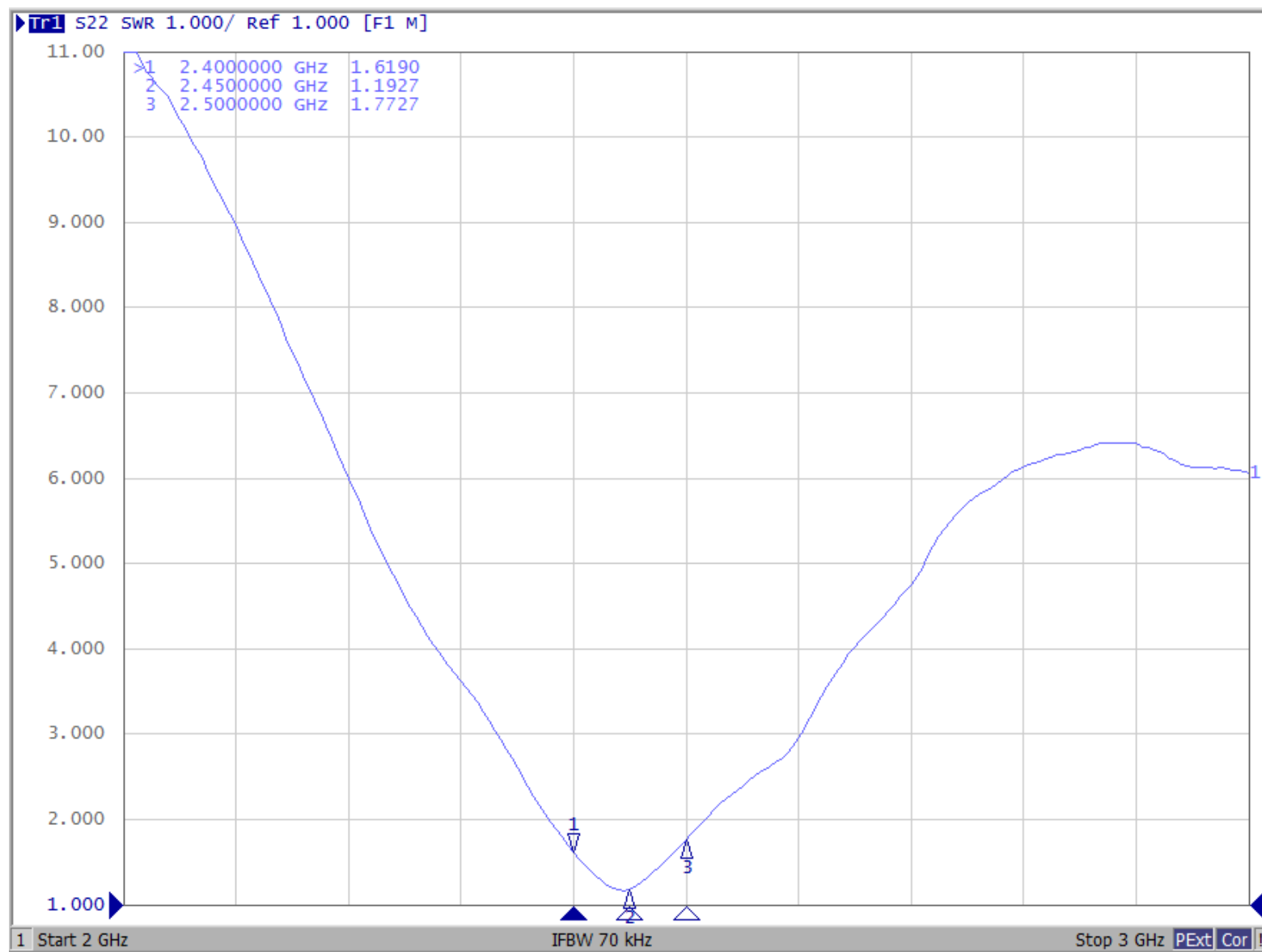
模块实物图



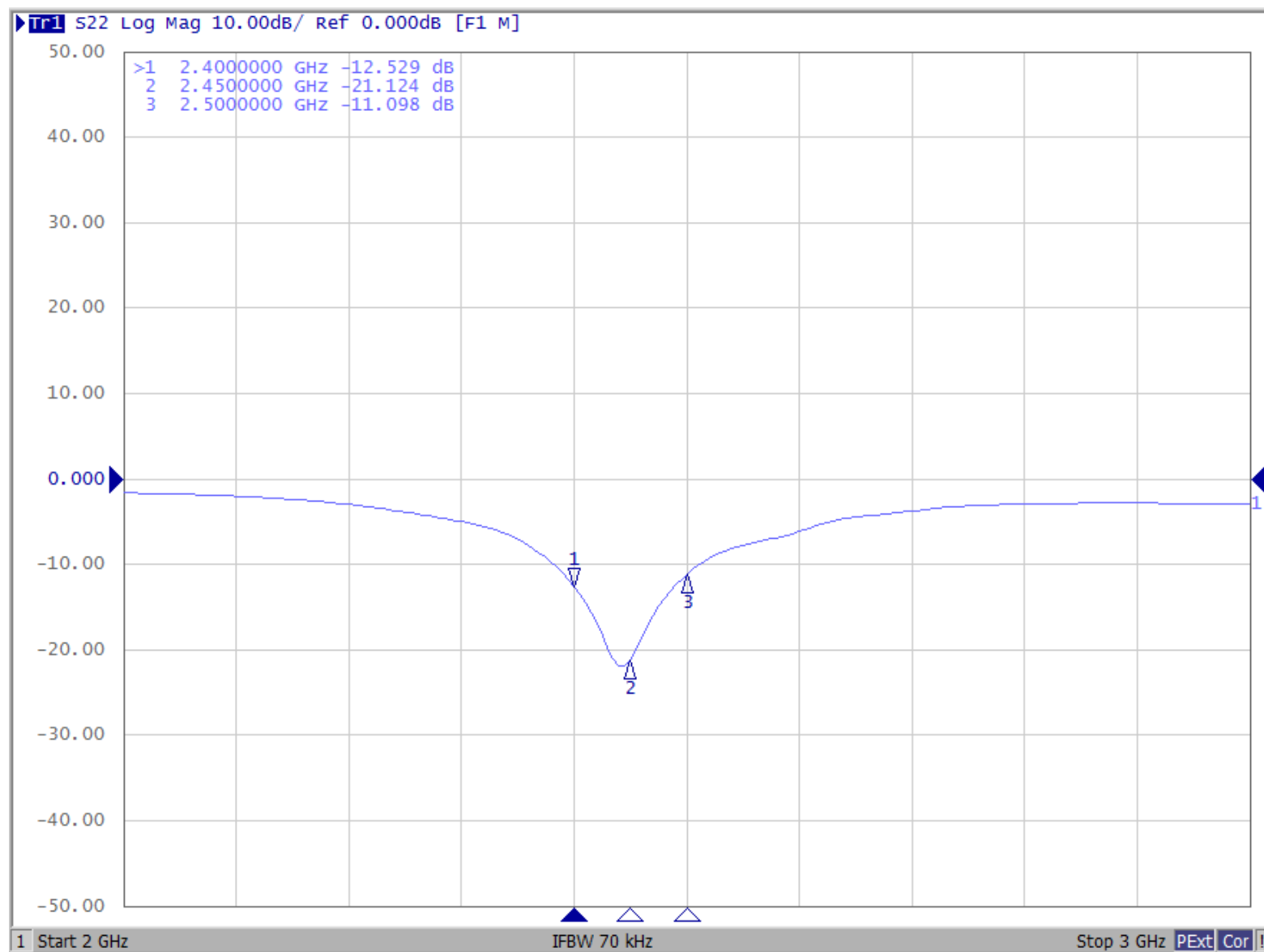
测试环境



无源数据 (驻波比)



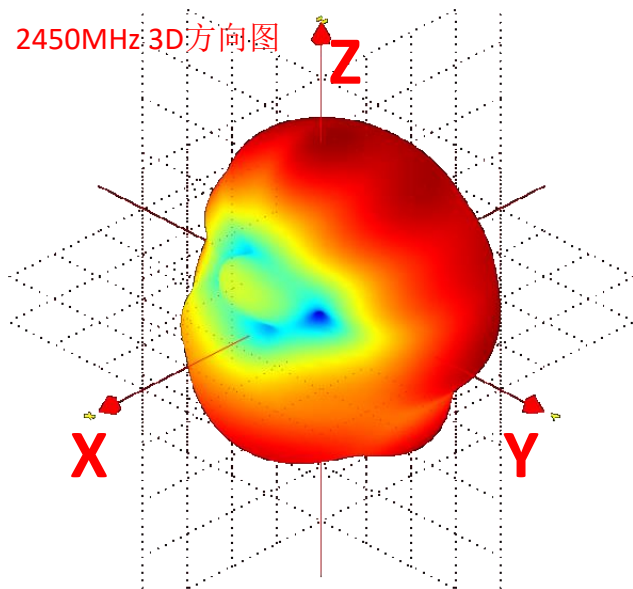
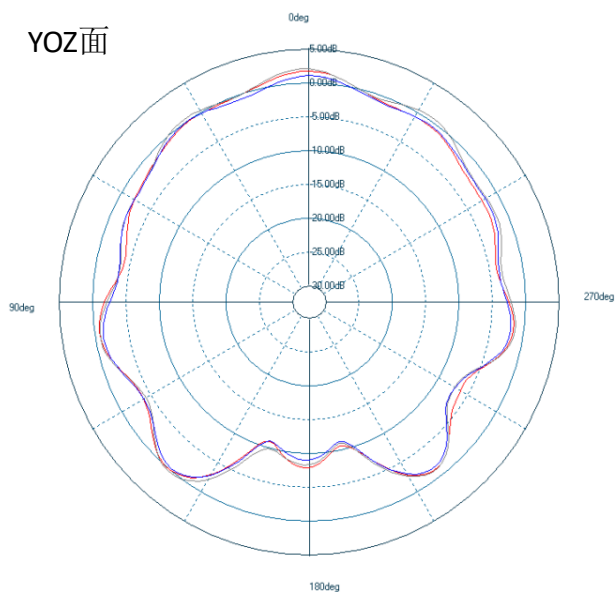
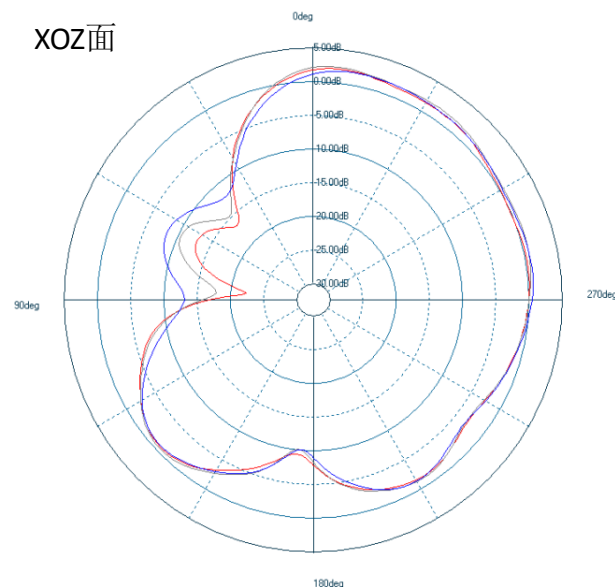
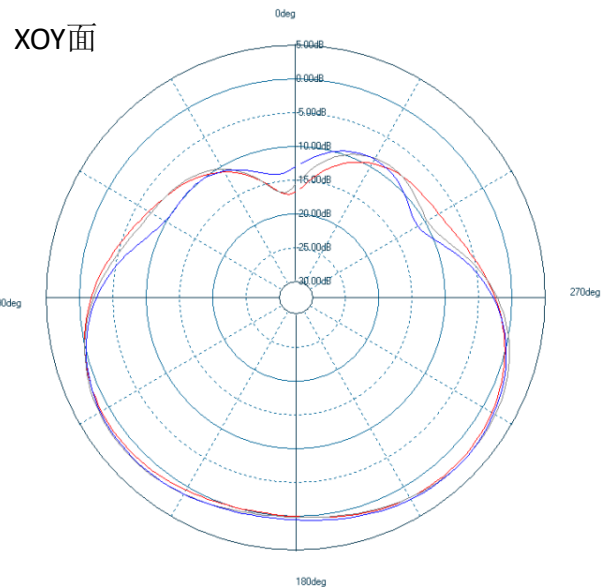
无源数据 (回波损耗)



无源数据 (效率&增益&方向性系数)

Frequency	Peak Gain	Efficiency		Directivity
Mhz	dB	%	dB	dB
2400	2.24	54.96	-2.60	4.84
2410	2.32	57.39	-2.41	4.73
2420	2.52	58.71	-2.31	4.83
2430	2.53	59.35	-2.27	4.79
2440	2.63	61.14	-2.14	4.77
2450	2.58	59.83	-2.23	4.81
2460	2.80	60.58	-2.18	4.97
2470	2.34	58.74	-2.31	4.65
2480	2.32	58.48	-2.33	4.65
2490	2.44	57.61	-2.40	4.83
2500	2.42	56.30	-2.50	4.92

无源数据 (方向图)



Thank You

