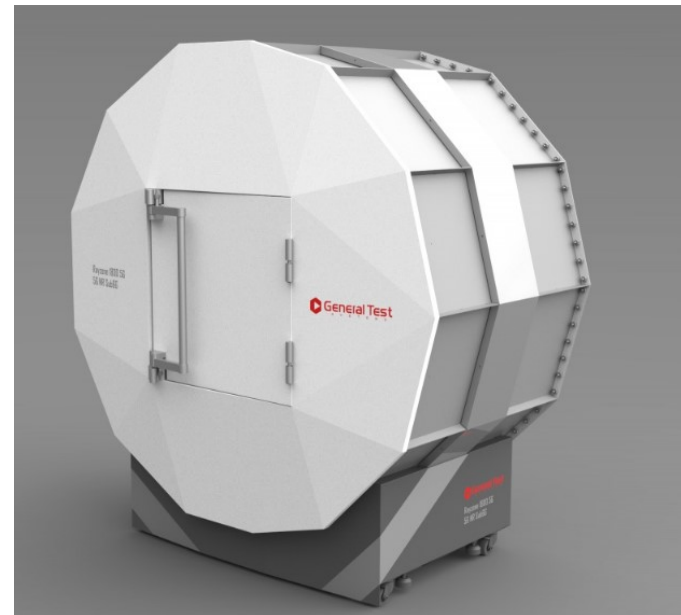
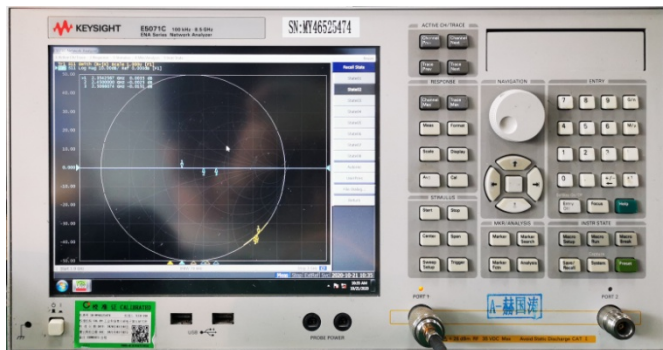


# Test Report

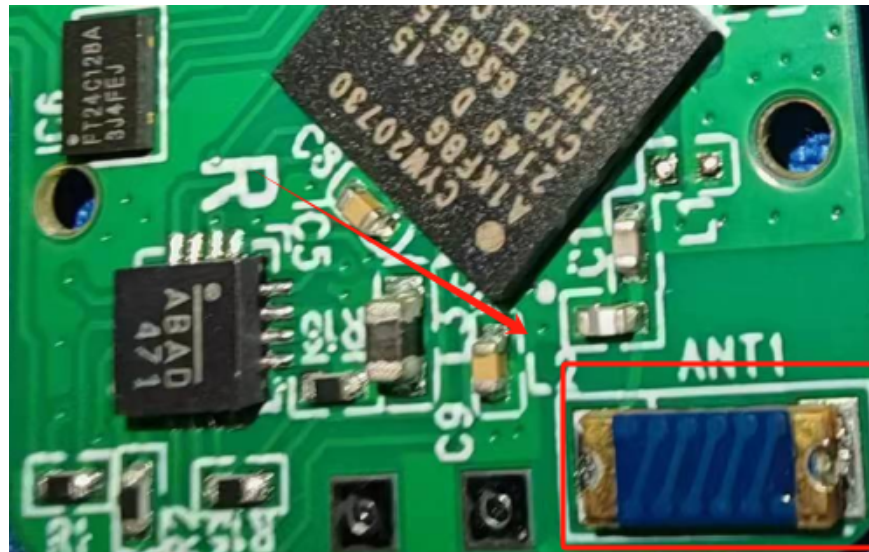
客 户	
产 品	
工 程 师	盛工
电 话	13066904576
邮 箱	lyg@yingfengtianxian.com
日 期	2023-12-07

# Test condition

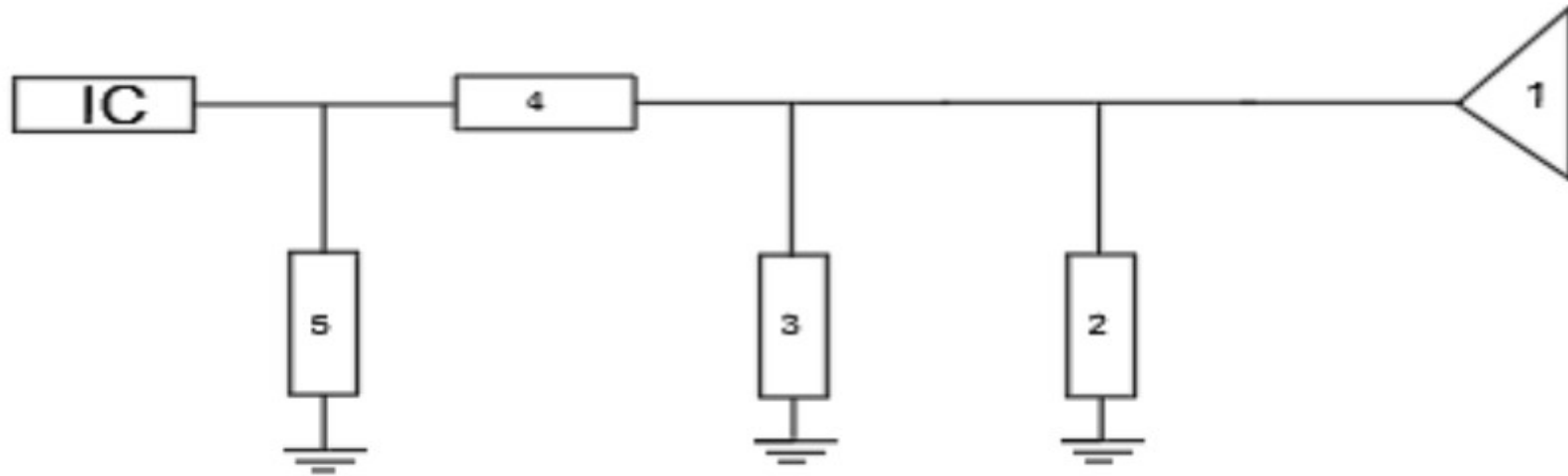
- 1.S parameter measurement
- 2. Equipment: Network analyzer (Agilent E5062A), microwave darkroom, MT8852B
- 3. Items: Impedance, return loss, VSWR, efficiency, gain, radiant field type, sensitivity, power, frequency offset active data TRP TIS



# Prototype appearance



# Matching parameter



编号	型号	规格	厂商	料号	公差	
1	YF500A	5020	迎丰	YF5020H1R2G4502		
2	ESD					
3	NC					
4	电容	5.6PF/0402	村田		±0.1PF	
5	电感	3NH/0402	村田		±0.1NH	

# Network debugging antenna S

调试波形

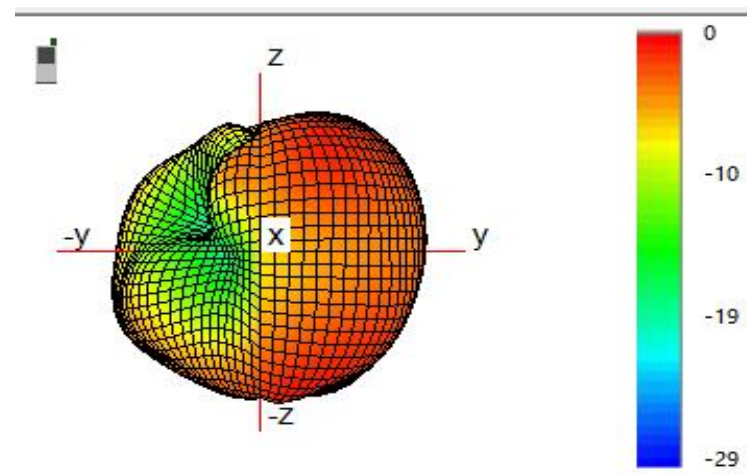
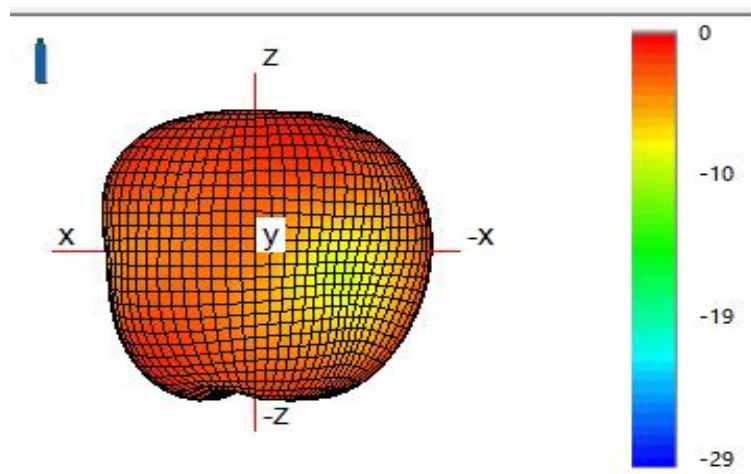
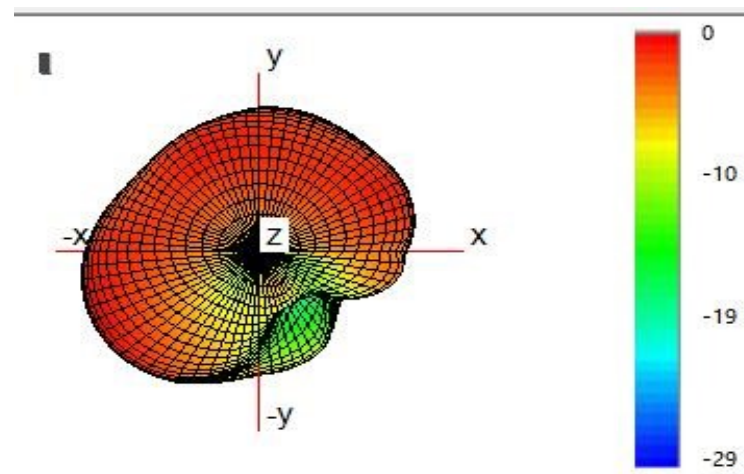
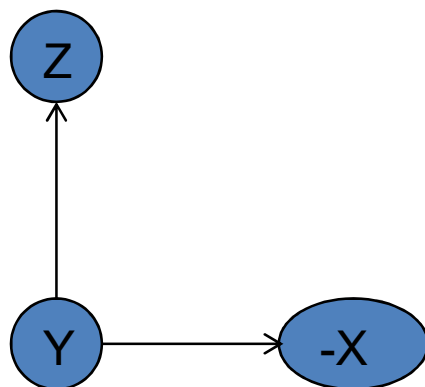


# Free field passive efficiency

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	0.108756762	-3.563361309	44.02140192
2410	0.03659853	-3.54954549	44.16166622
2420	-0.044045794	-3.616625788	43.48479441
2430	-0.114010796	-3.635653317	43.29469339
2440	-0.006485332	-3.487328634	44.79887795
2450	-0.082216316	-3.47824295	44.89269781
2460	-0.275863951	-3.620944149	43.44157726
2470	-0.168354195	-3.471210048	44.96545529
2480	-0.130610699	-3.266073133	47.14033742
2490	-0.087307883	-3.261624652	47.18864803
2500	-0.027561863	-3.16466086	48.25406602

# Complete free field passive

场型图



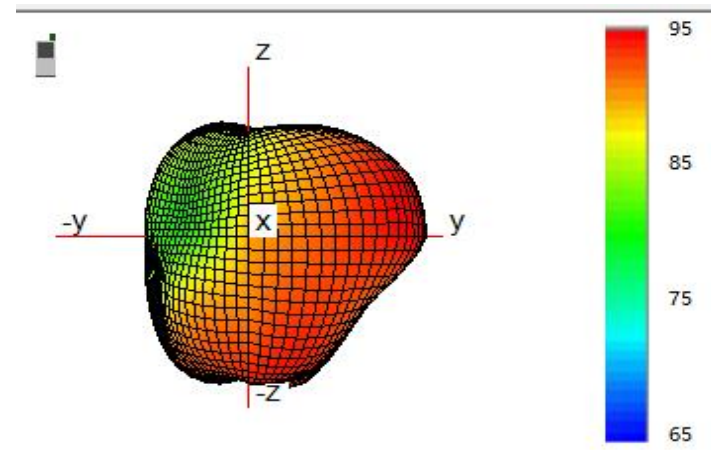
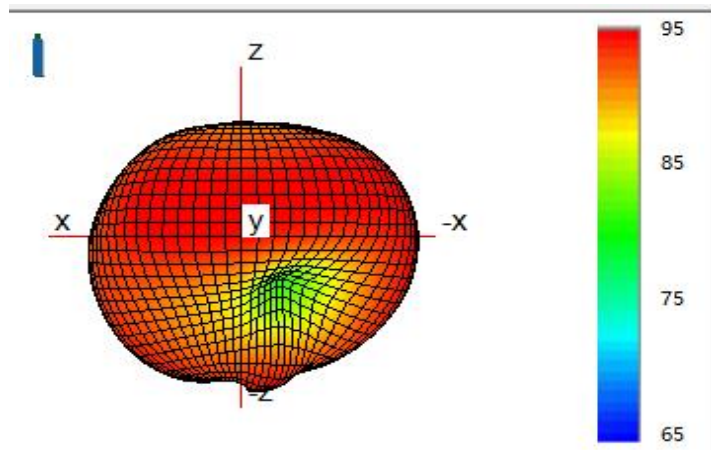
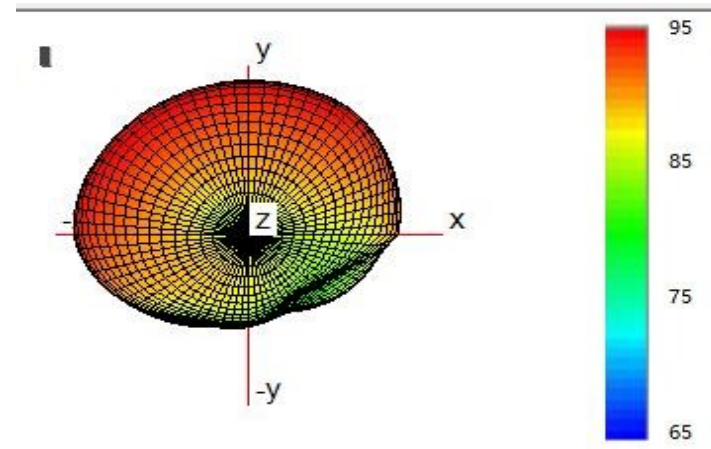
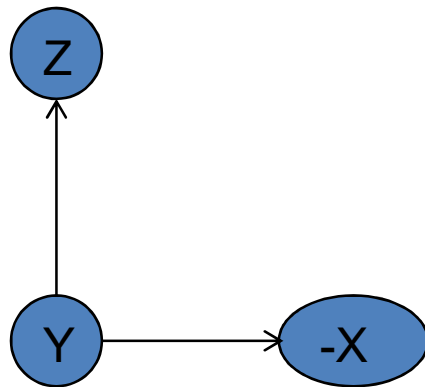
# Complete OTA free field data

	Channel	TRP功率 (dBm)	TIS灵敏度 (dBm)
	CH 0	6.01	-91.13
	CH 39	6.20	-91.75
	CH 78	6.17	-91.49



# Complete OTA free field type

场型图



*Thanks for Your Attention*