

Manufacturer	Shenzhen Yi Sheng Bang technology Co., LTD
Address	101, Building C, Shenzhen Qianwan Hard Science and Technology Industrial Park, Nanchang Community, Xixiang Street, Baoan District, Shenzhen
Model	ANP09
Antenna type	External antenna
Antenna Gain	0dBi for 2.4G

1.Test equipment and conditions:

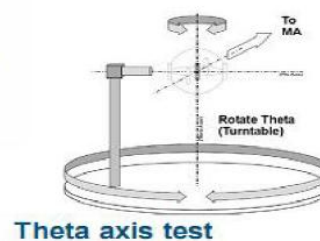
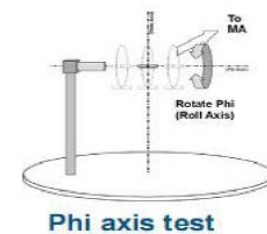
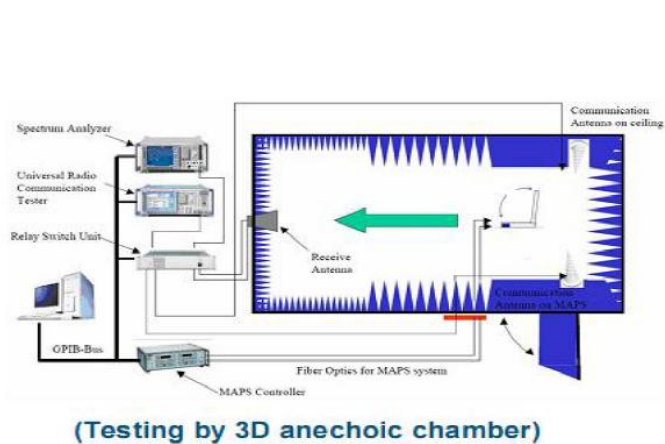
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

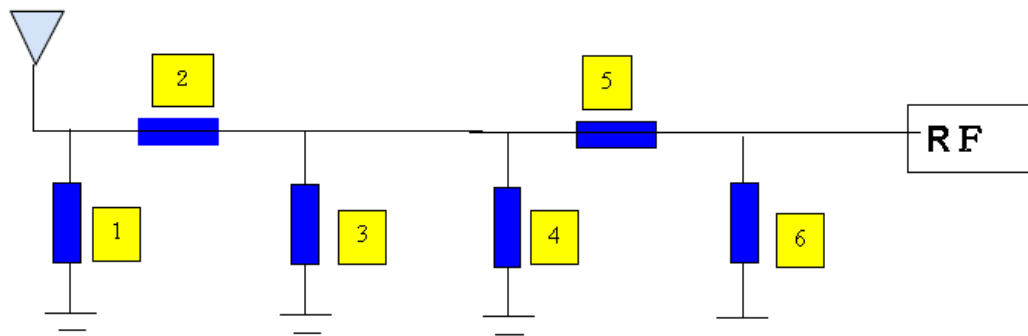
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

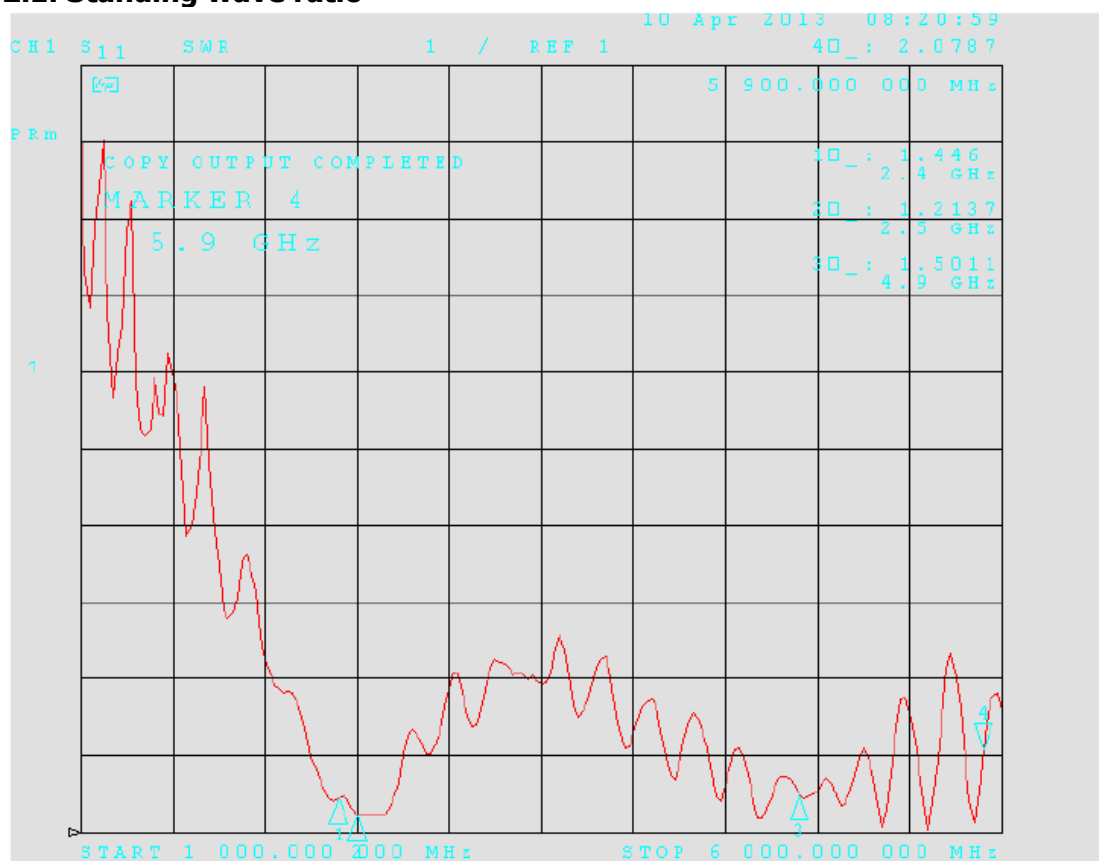


1.4. Matching circuit



2. Test Data:

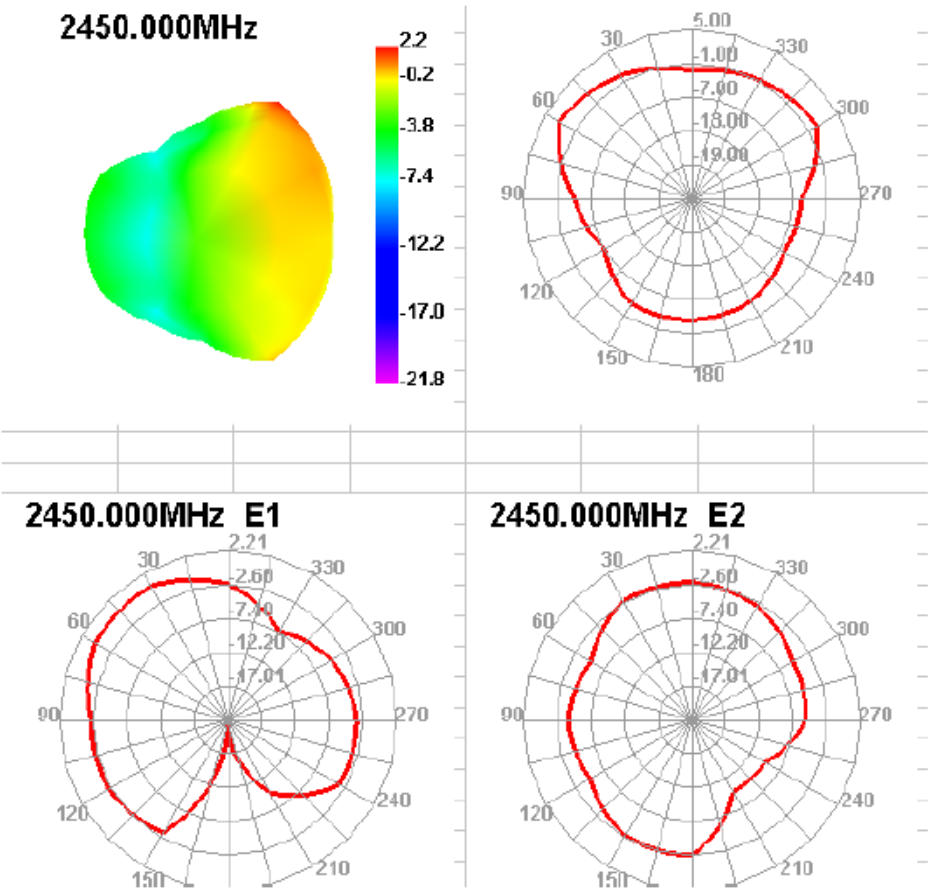
2.1. Standing wave ratio



2.2.Efficiency

Fred (MHz)	Effi (%)	Effi (%)	Gain (dBi)	UHS (%)	DHS (%)
2400	44.38	-2.79	-1.26	40.28	13.32
2410	44.63	-2.46	-1.66	42.42	13.54
2420	44.94	-2.12	-1.82	40.96	14.77
2430	44.27	-2.70	-1.40	43.24	15.23
2440	44.75	-2.39	-1.00	40.71	15.79
2450	44.82	-1.83	-1.50	41.19	16.18
2460	44.28	-2.63	-0.13	42.39	18.25
2470	44.49	-2.34	-0.44	41.78	18.80
2480	45.08	-2.23	0	40.89	19.05
2490	44.21	-2.68	-0.25	43.21	19.23
2500	44.46	-2.32	-0.61	40.44	19.62

2.3.Directivity diagram



3. Antenna drawing (mm) :

