

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	FPC antenna
Antenna Gain	3.62dBi for 2.4G, 1.63dBi for 5G

1.Test equipment and conditions:

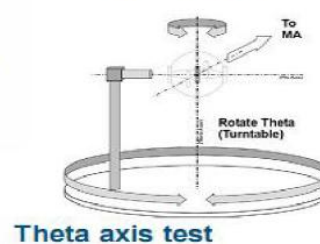
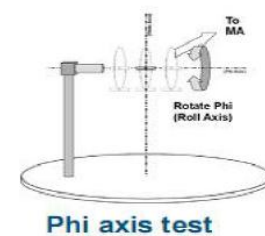
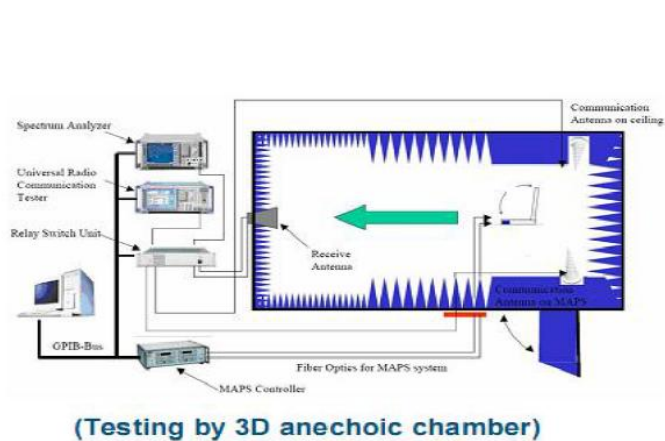
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

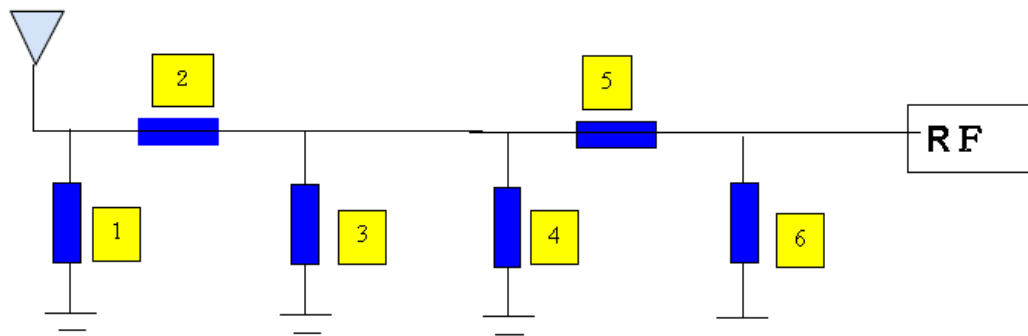
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

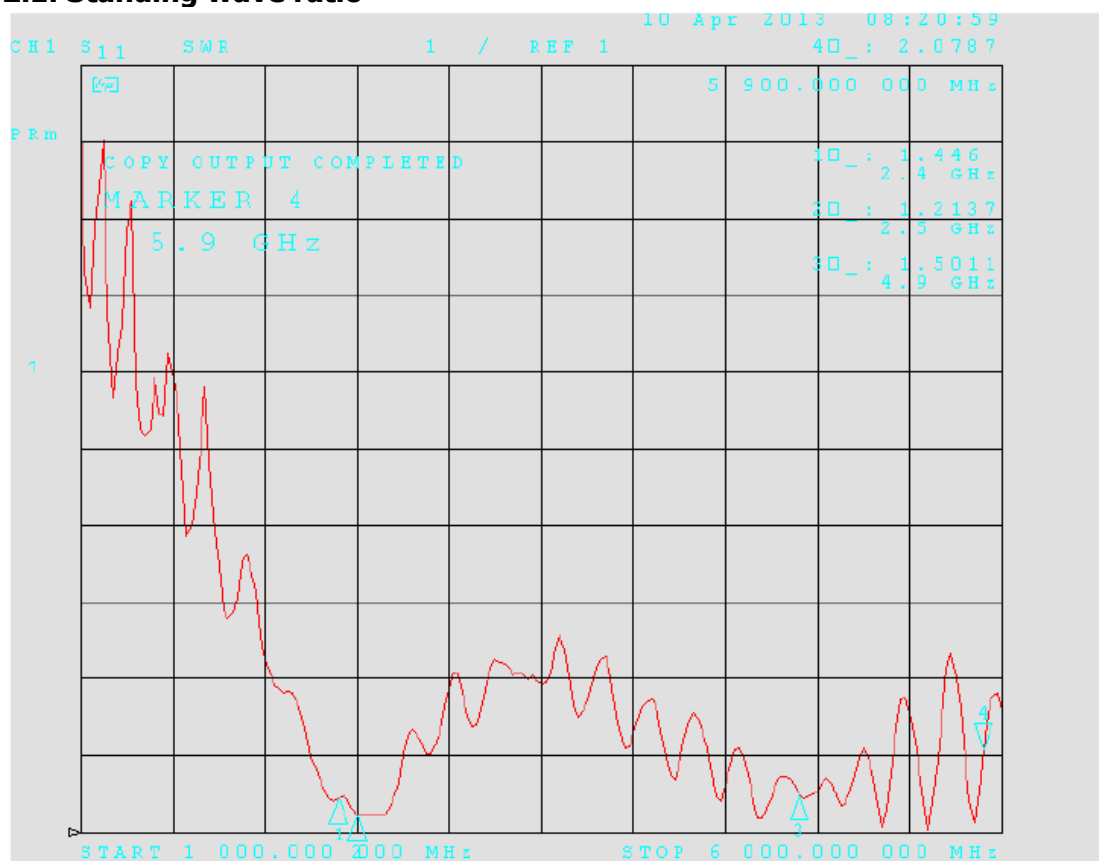


1.4. Matching circuit



2. Test Data:

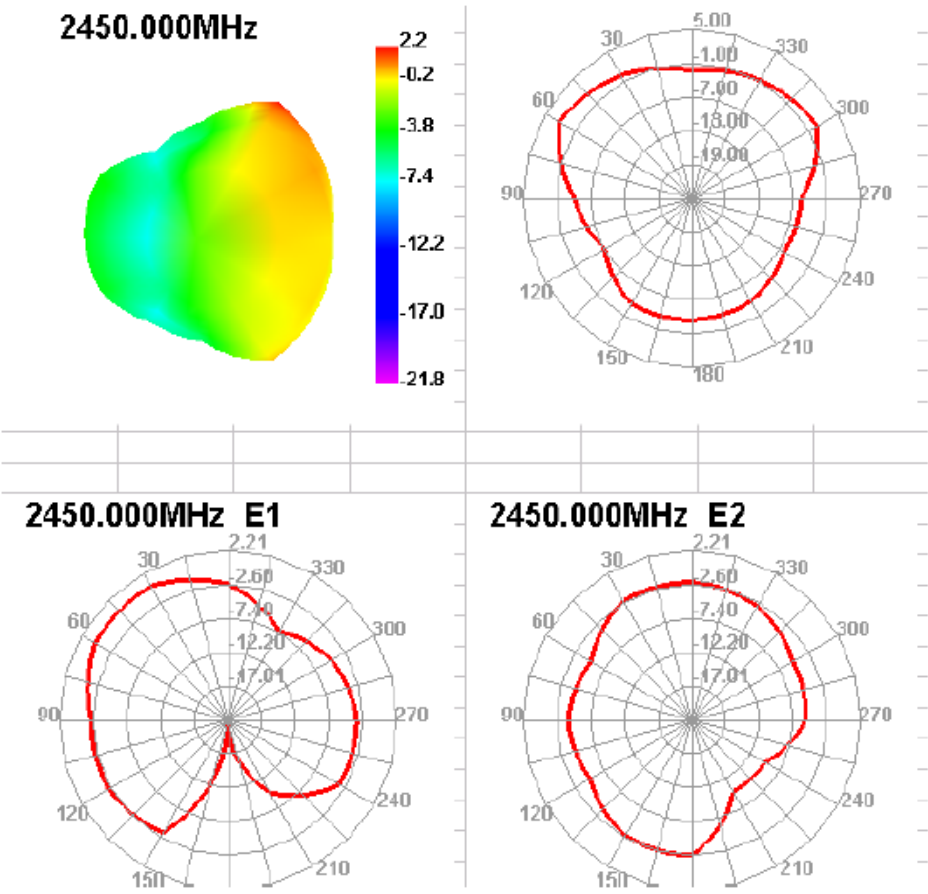
2.1. Standing wave ratio



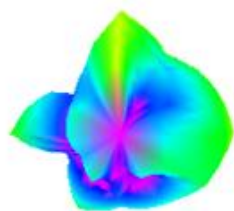
2.2.Efficiency

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.64	3.15	34.39
2410.0	-4.36	3.45	36.68
2420.0	-4.33	3.49	36.93
2430.0	-4.19	3.62	38.10
2440.0	-4.25	3.49	37.54
2450.0	-4.36	3.19	36.65
2460.0	-4.48	2.94	35.65
2470.0	-4.47	2.98	35.77
2480.0	-4.46	2.98	35.85
2490.0	-4.53	2.81	35.20
2500.0	-4.77	2.61	33.32
5150.0	-5.44	0.68	28.57
5350.0	-5.18	0.82	30.37
5550.0	-5.75	0.95	26.62
5700.0	-5.33	0.91	29.31
5850.0	-4.09	1.63	38.97

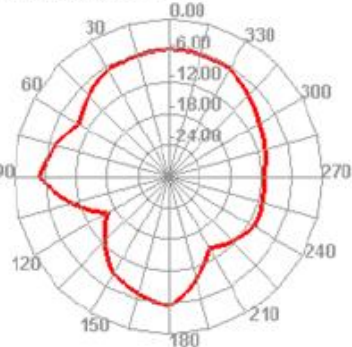
2.3.Directivity diagram



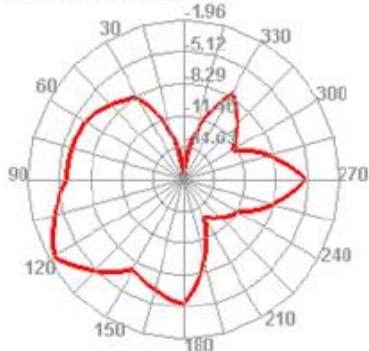
5400.000MHz



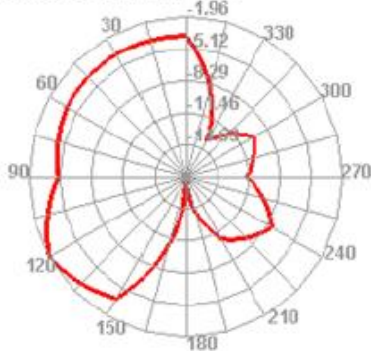
5400.000MHz H



5400.000MHz E1



5400.000MHz E2



3. Antenna drawing (mm) :

