

Manufacturer	Shenzhen Siken 3D Technology Development Co., Ltd
Address	Xinweirun High-tech Park, No. 162, Shajiang Road, Xitou Community, Shajiang Road, Songgang Street, Bao'an District, Shenzhen,China
Model	IN-FM002
Antenna type	Internal antenna
Antenna Gain	2.0 dBi for 2.4G

1. Test equipment and conditions:

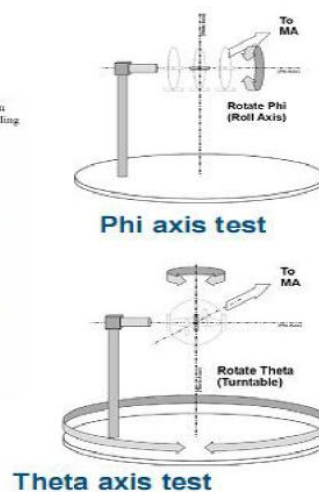
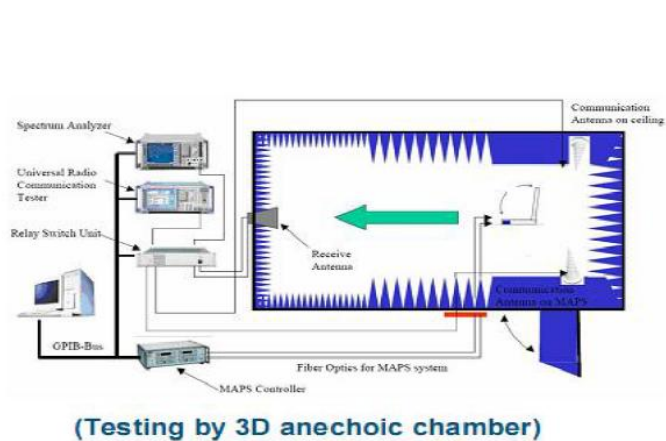
1.1. Network Analyzer

Agilent 8753D Agilent 5071B

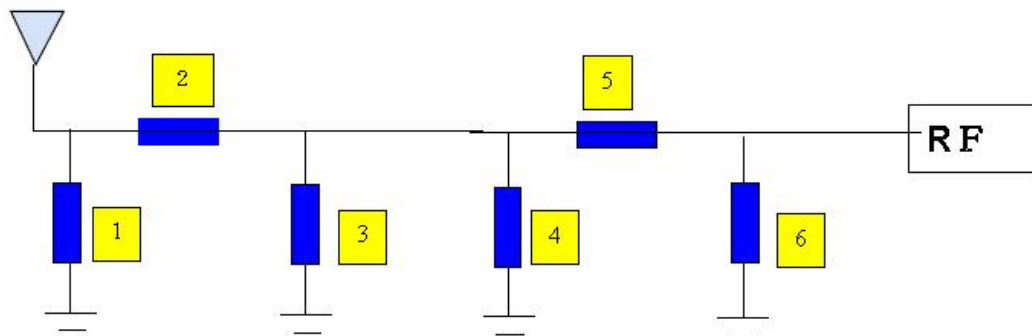
1.2. Communication test equipment

Agilent E5515C R&S CMW500

1.3. Test system

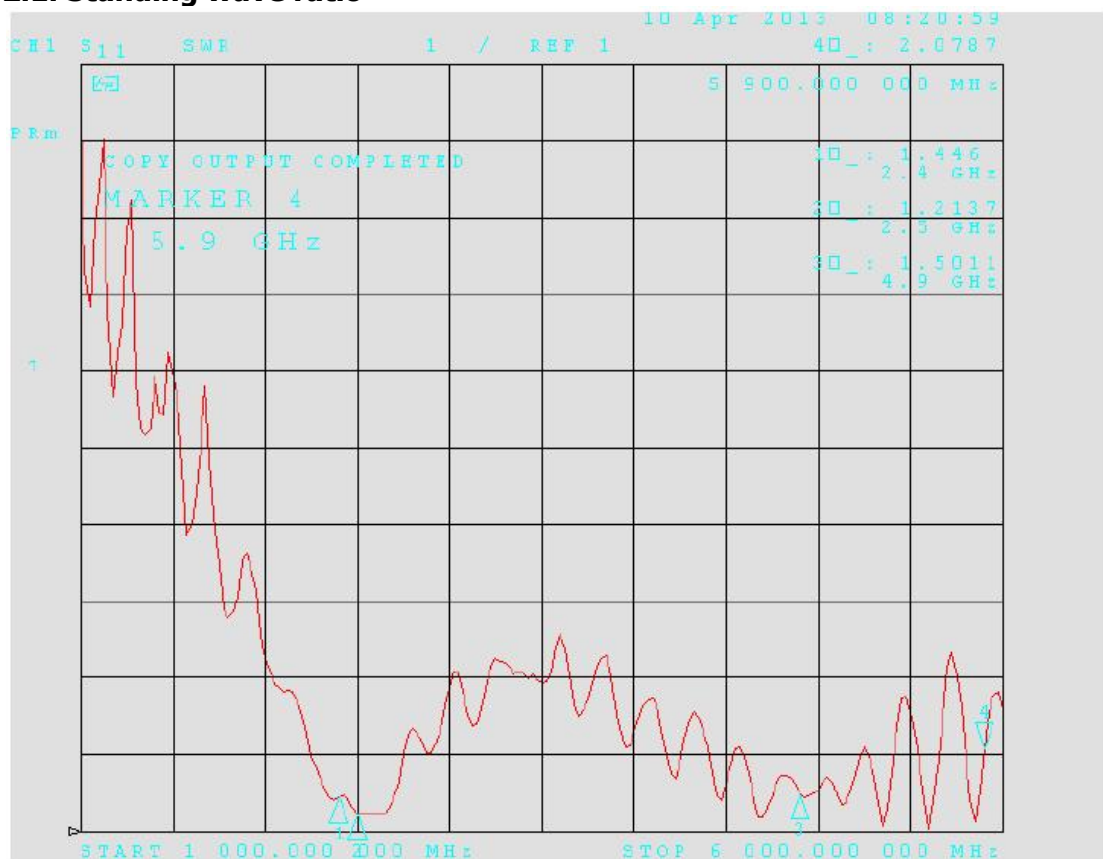


1.4. Matching circuit



2. Test Data:

2.1. Standing wave ratio

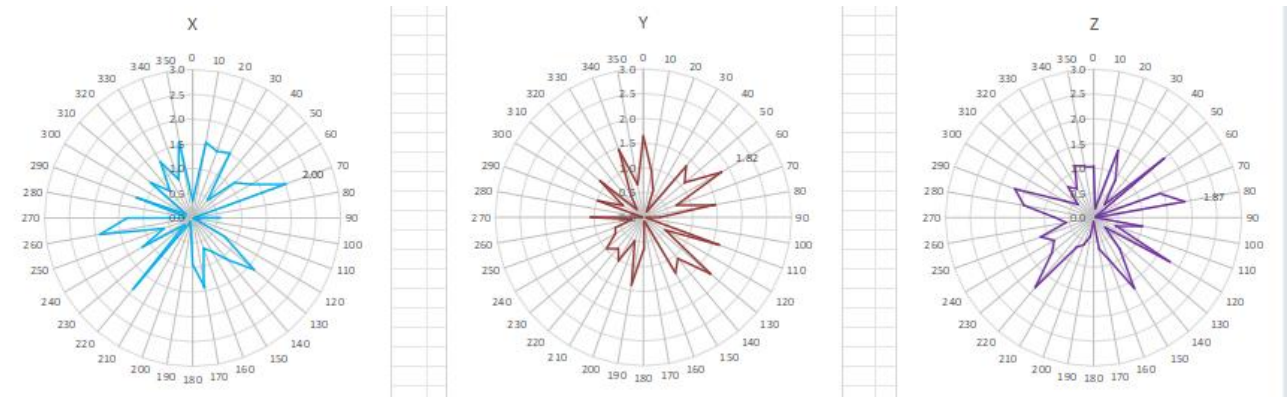


2.2.Efficiency

2.4G										
Fred (MHz)	Effi (%)	Effi (%)	Gain (dBi)	Gain (dBd)	UHis (%)	DHis (%)	Max (dB)	Min (dB)	Attenut (Hor)	Attenut (Ver)
2412	44.38	-2.79	2.00	0.84	40.28	13.32	1.02	0.95	48.26	49.33

2.3.Directivity diagram

2412Mhz



3. Antenna drawing:

