

Manufacturer	Dongguan small Shuai electronic technology Co., LTD
Address	Room 301, Building 5, No. 16, LongXinfeng Street, Huangjiang Town, Dongguan City, Guangdong Province
Model	WHG2
Antenna type	External antenna
Antenna Gain	3.99dBi for 2.4G

1.Test equipment and conditions:

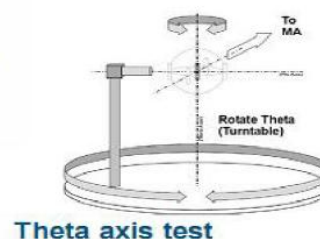
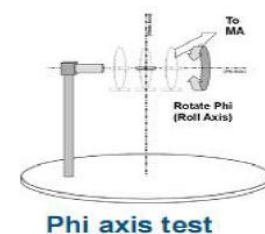
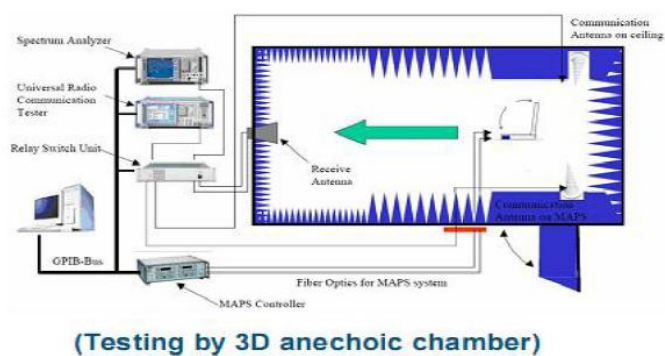
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

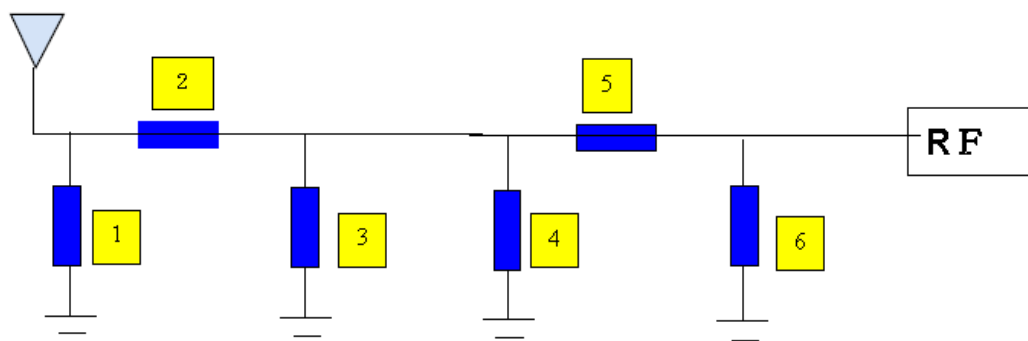
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

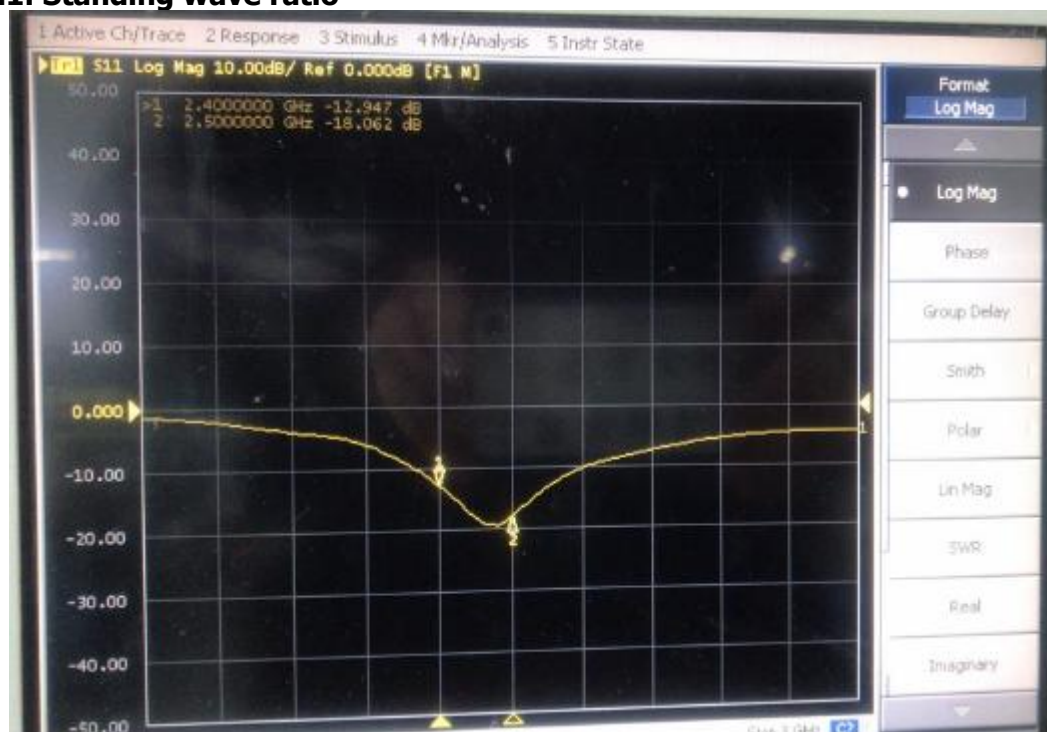


1.4. Matching circuit



2. Test Data:

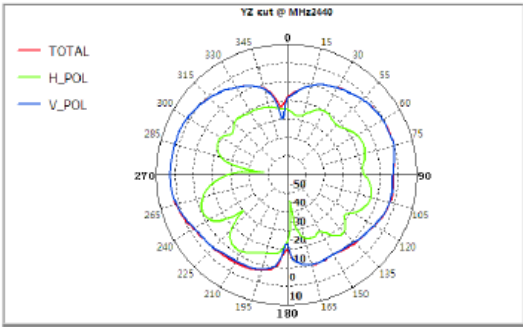
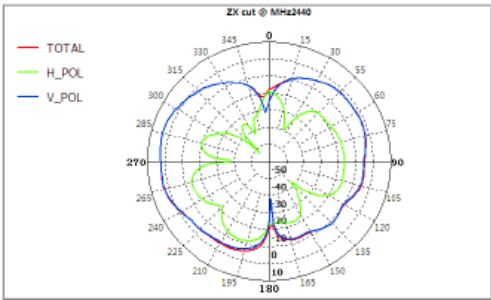
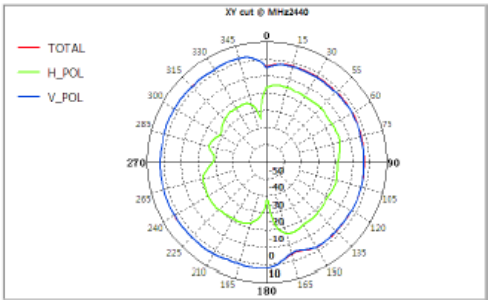
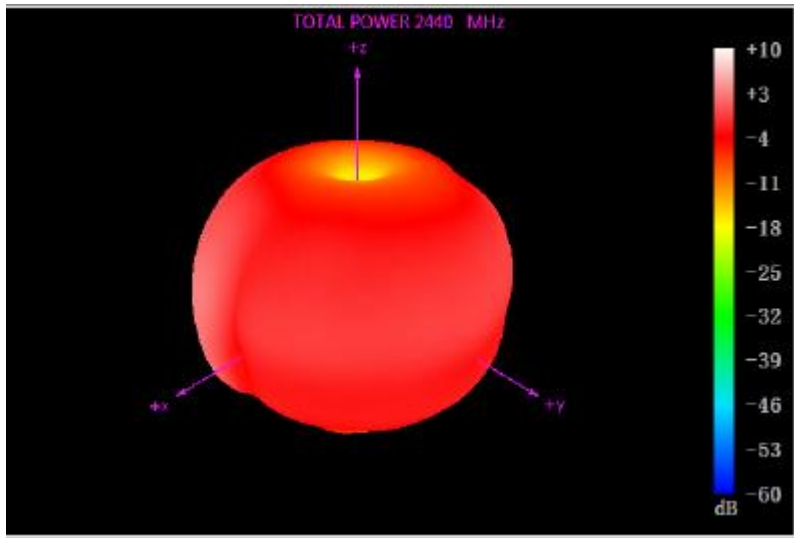
2.1. Standing wave ratio



2.2.Efficiency

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	2.76	59.47
2410 MHz	3.54	59.33
2420 MHz	3.99	56.1
2430 MHz	3.8	53.85
2440 MHz	3.66	61.93
2450 MHz	3.75	64.74
2460 MHz	3.55	64.08
2470 MHz	3.37	52.28
2480 MHz	3.31	52.68
2490 MHz	3.24	51.84
2500 MHz	3.27	51.8

2.3.Directivity diagram



3. Antenna drawing (mm) :

