

Manufacturer	Yuanchuangxing electronics (Shenzhen)CO.,LTD.
Address	Room 303, Building A, No. 164, Junxin Road, Niulake Community, Guanlan Subdistrict, Longhua District, Shenzhen City
Model	YCX08N-2030-80B
Antenna type	FPC antenna
Antenna Gain	3.40dBi for 2.4G

1.Test equipment and conditions:

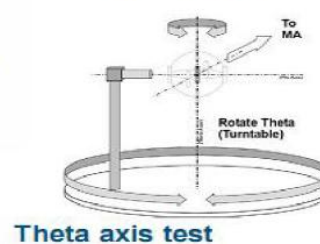
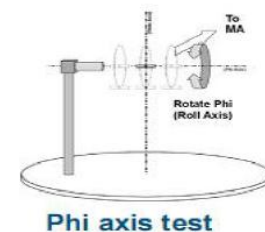
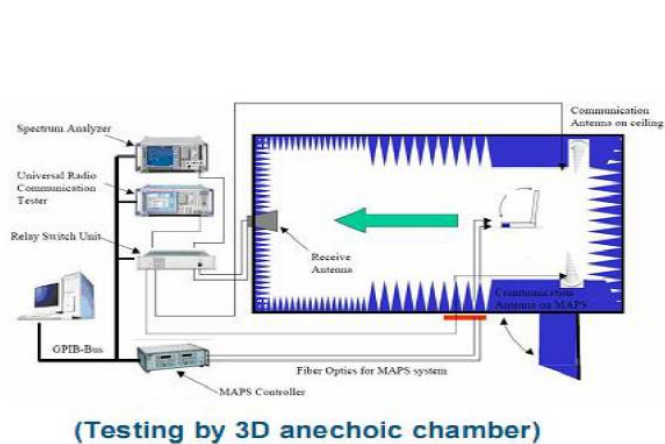
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

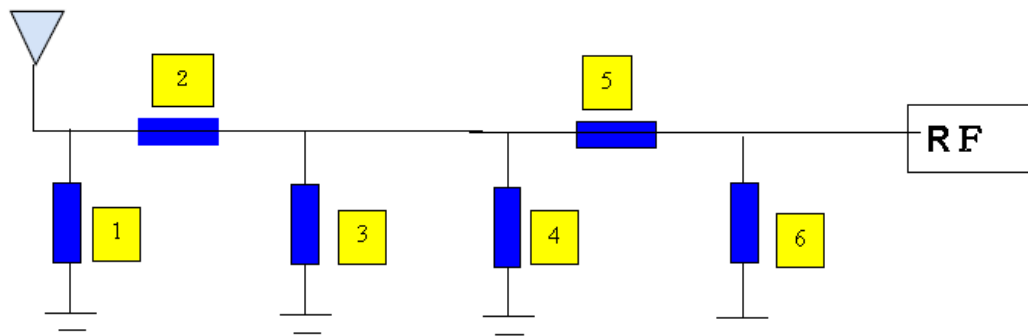
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system



1.4. Matching circuit



2. Test Data:

2.1. Standing wave ratio

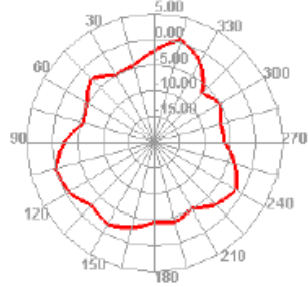


2.2.Efficiency

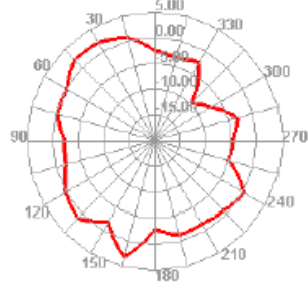
Passive Test For WiFi				
Freq (MHz)	Effi (%)	Gain (dBi)		
2400	64	3.40		
2450	63	3.21		
2500	61	3.22		
/				
/				
/				

2.3.Directivity diagram

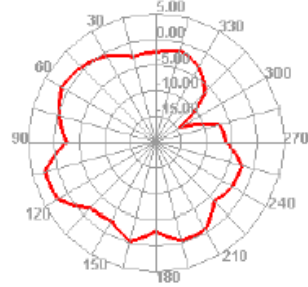
2400.000MHz H



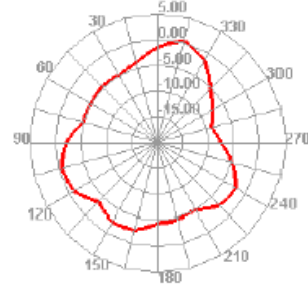
2400.000MHz E1



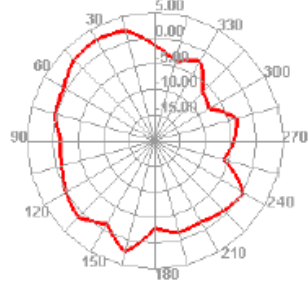
2400.000MHz E2



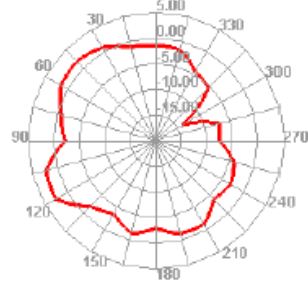
2450.000MHz H



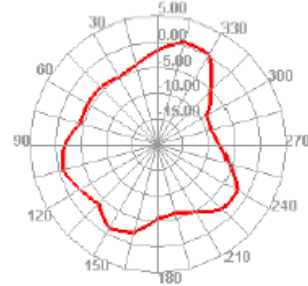
2450.000MHz E1



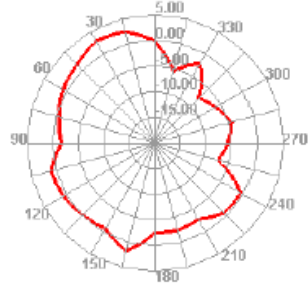
2450.000MHz E2



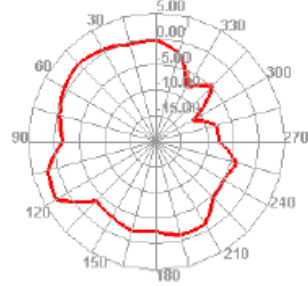
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



3. Antenna drawing (mm) :

