

Manufacturer	Yuanchuangxing electronics (Shenzhen)CO.,LTD.
Model	YCX08N-2081-35B
Antenna type	Internal antenna
Antenna Gain	2.84dBi for 2.4G

1.Test equipment and conditions:

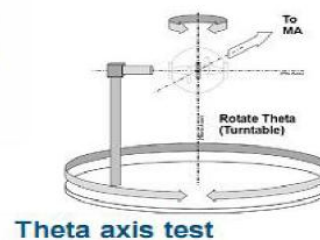
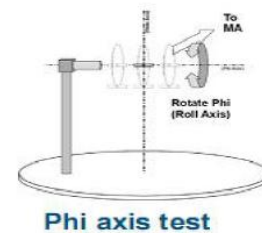
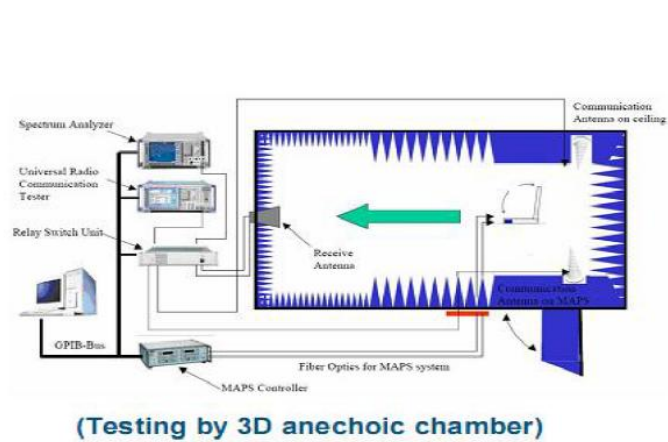
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

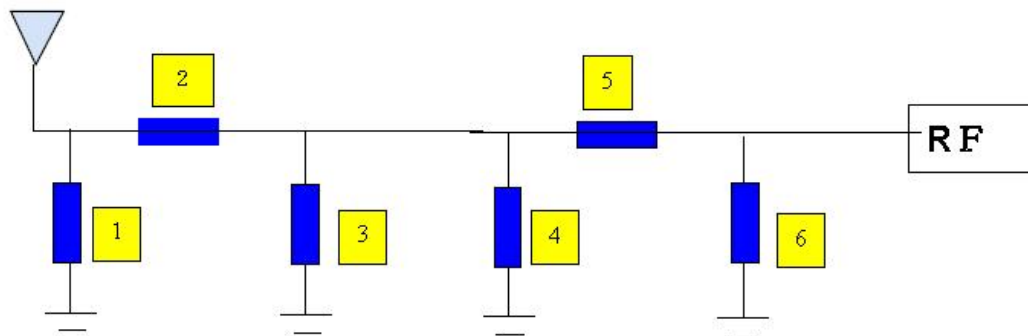
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system



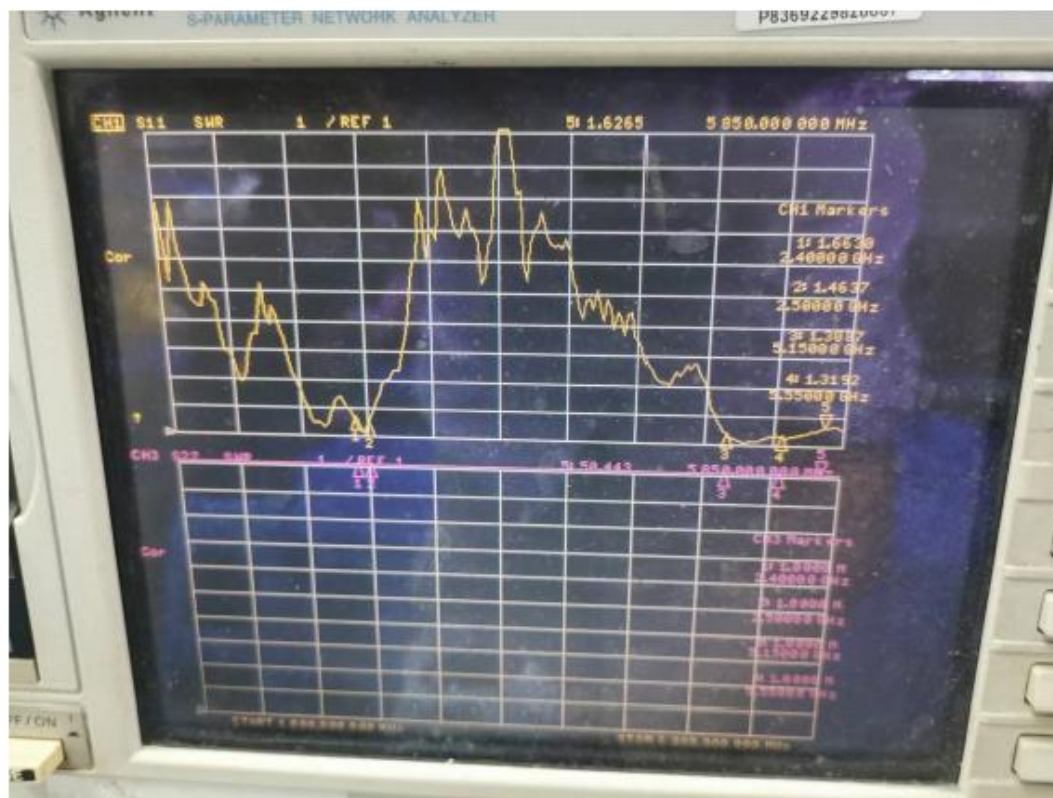
1.4. Matching circuit



2. Test Data:

2.1. Standing wave ratio

Frequency(GHz)	2.4	2.45	2.5	5.15	5.55	5.85
VSWR	1.66	1.35	1.46			

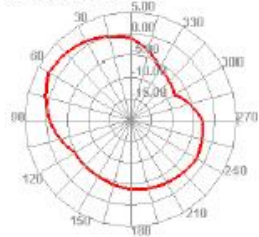


2.2.Efficiency

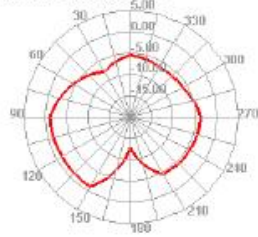
Passive Test For WiFi				
Freq (MHz)	Effi (%)	Gain (dBi)		
2400	60	2.7		
2450	63	2.84		
2500	62	2.73		

2.3.Directivity diagram

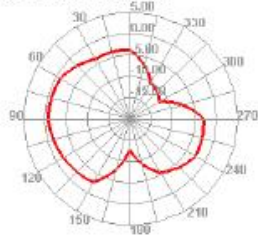
2400.000MHz H



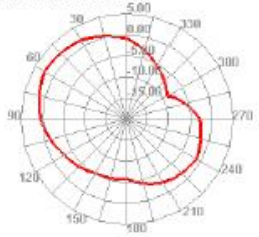
2400.000MHz E1



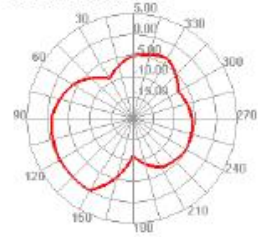
2400.000MHz E2



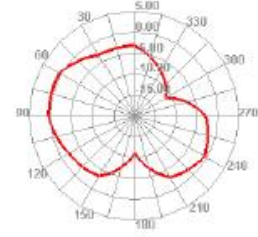
2450.000MHz H



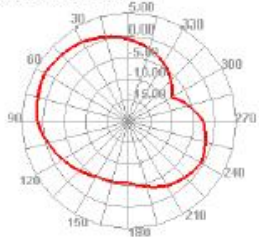
2450.000MHz E1



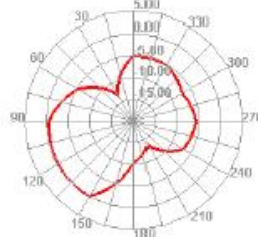
2450.000MHz E2



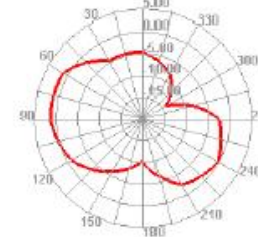
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



3. Antenna drawing (mm) :

