

Manufacturer	Shenzhen Yingjiachuang Electronic Technology Co., Ltd.
Address	C Building, Hongyu Guangming Valley, No. 11, Youmagang Road, Matian Street, Guangming District, Shenzhen City
Model	YS-C101
Antenna type	Internal antenna
Antenna Gain	2.04dBi for 2.4G

1.Test equipment and conditions:

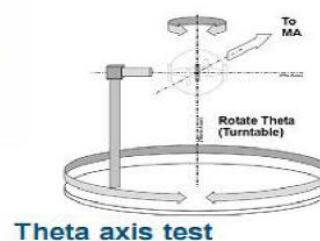
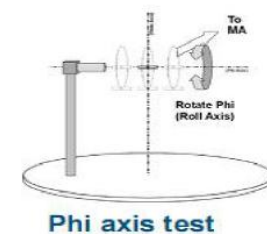
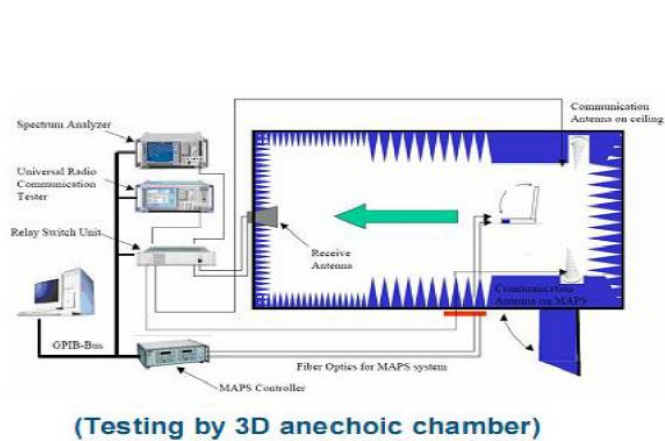
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

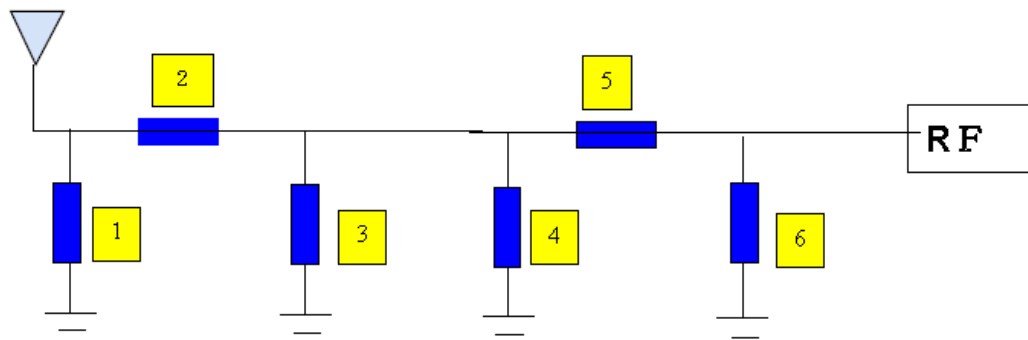
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system



1.4. Matching circuit



2. Test Data:

2.1. Standing wave ratio

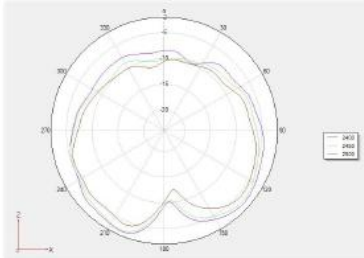


2.2.Efficiency

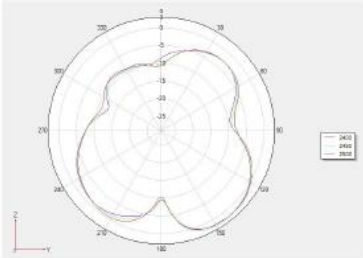
Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	44.36	1.7
2410MHz	46.95	1.87
2420MHz	45.27	1.74
2430MHz	47.35	1.82
2440MHz	48.16	1.82
2450MHz	54.1	2.04
2460MHz	52.32	1.93
2470MHz	50.71	1.71
2480MHz	48.42	1.82
2490MHz	47.1	1.75
2500MHz	47.97	1.71

2.3.Directivity diagram

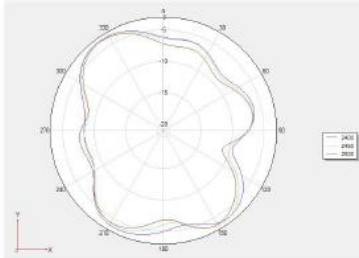
Phi 0 2D 图:



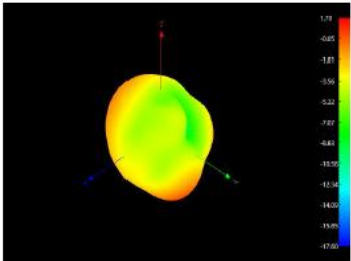
Phi 90 2D 图



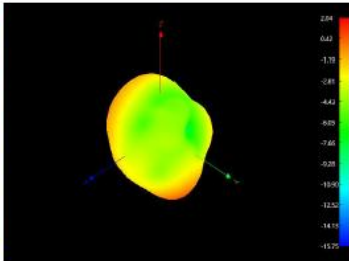
Theta 90 2D



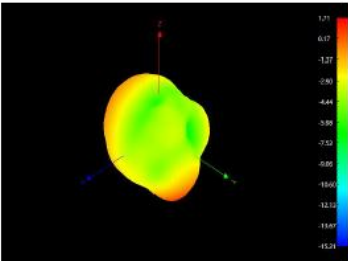
3D 2400:



3D 2450:



3D 2500



3. Antenna drawing (mm) :

