

Manufacturer	Shenzhen AIHUI Technology Co., LTD
Address :	4 / F, Building C, Juxin Science and Technology Industrial Park, No.58 Gushu Nanchang Road, Xixiang, Baoan District, Shenzhen
model	H1
Antenna type	Internal antenna
Antenna Gain	1.67dBi for 2.4G, 2.08dBi for 5G

1.Test equipment and conditions:

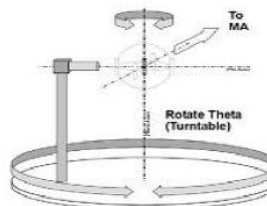
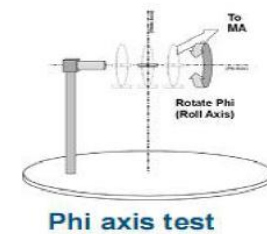
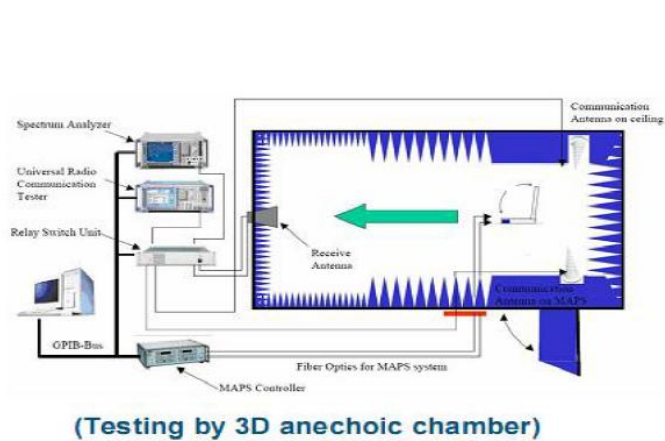
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

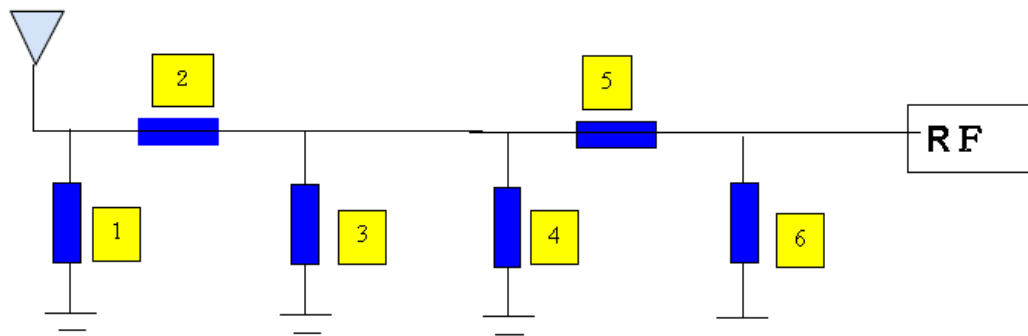
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

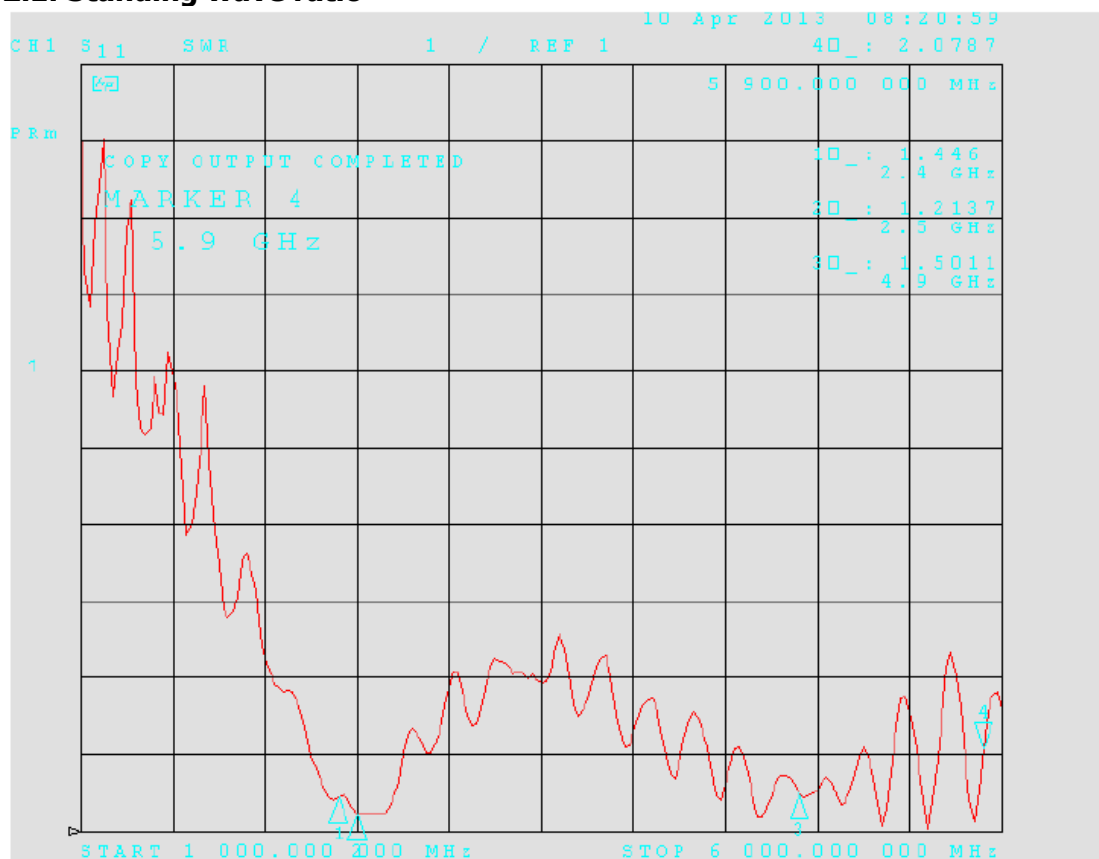


1.4. Matching circuit



2. Test Data:

2.1. Standing wave ratio

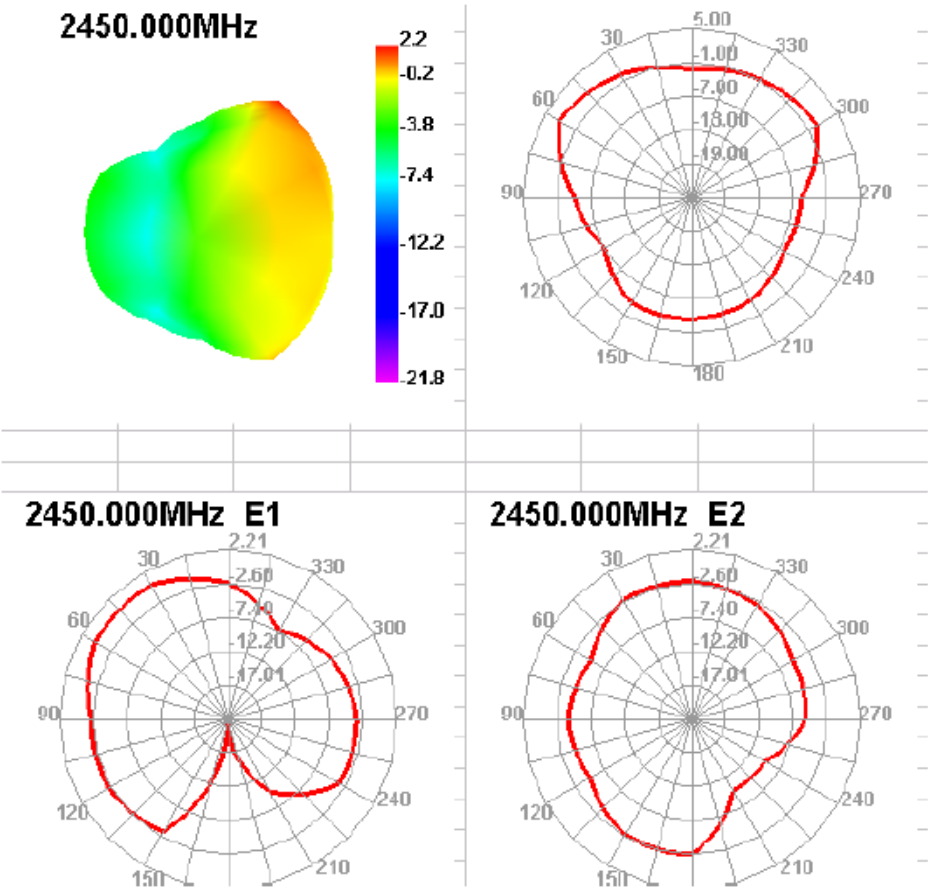


2.2.Efficiency

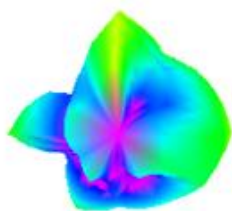
频率 (MHz)	效率 (%)	增益 (dbi)
2400	50.13	1.16
2410	50.15	1.16
2420	50.67	1.19
2430	51.18	1.25
2450	52.34	1.67
2460	51.73	1.31
2470	51.47	1.28
2480	51.19	1.25
2490	50.38	1.18
2500	50.19	1.19

频率 (MHz)	效率 (%)	增益 (dbi)
4900	52.3	1.13
4950	54.2	1.05
5150	53.8	1.30
5200	53.5	1.30
5250	56.3	1.55
5300	55.8	1.43
5350	56.7	1.58
5400	57.9	1.65
5450	60.3	1.88
5500	61.5	2.05
5550	60.8	1.95
5600	60.8	1.91
5650	61.5	2.08
5700	62.3	1.19
5750	59.8	1.78
5800	58.7	1.68
5850	59.9	1.85

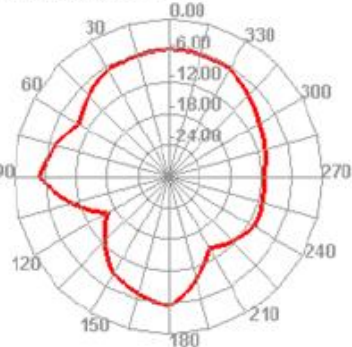
2.3.Directivity diagram



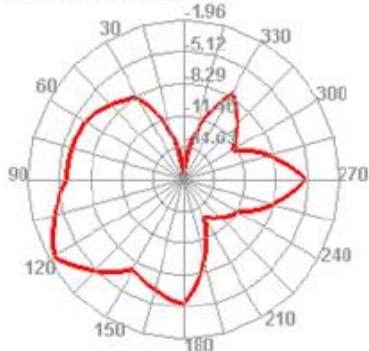
5400.000MHz



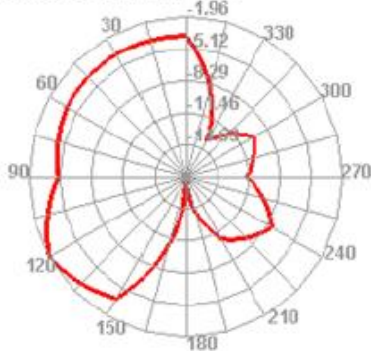
5400.000MHz H



5400.000MHz E1



5400.000MHz E2



3. Antenna drawing(MM):

