

Manufacturer	Shenzhen zhongke wireless technology Co.Ltd
Address	1 / F, Building A, Dalangzhong Nuclear Industrial Park, Longhua District, Shenzhen
S/N	ZK-2.4G-RP.SMA.J-195
Antenna type	External antenna
Antenna Gain	2.00dBi

1. Test equipment and conditions:

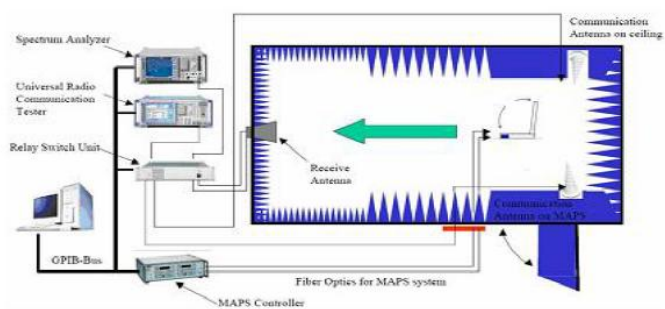
1.1. Network Analyzer

Agilent 8753D Agilent 5071B

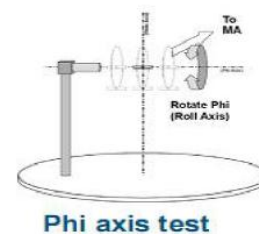
1.2. Communication test equipment

Agilent E5515C R&S CMW500

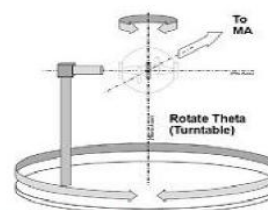
1.3. Test system



(Testing by 3D anechoic chamber)

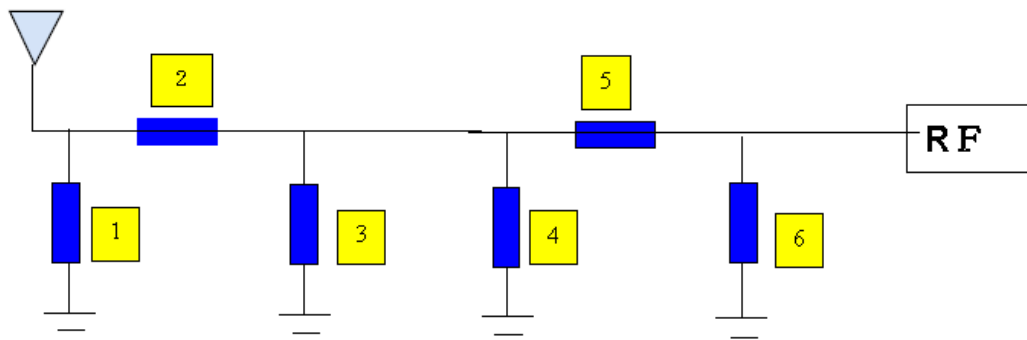


Phi axis test



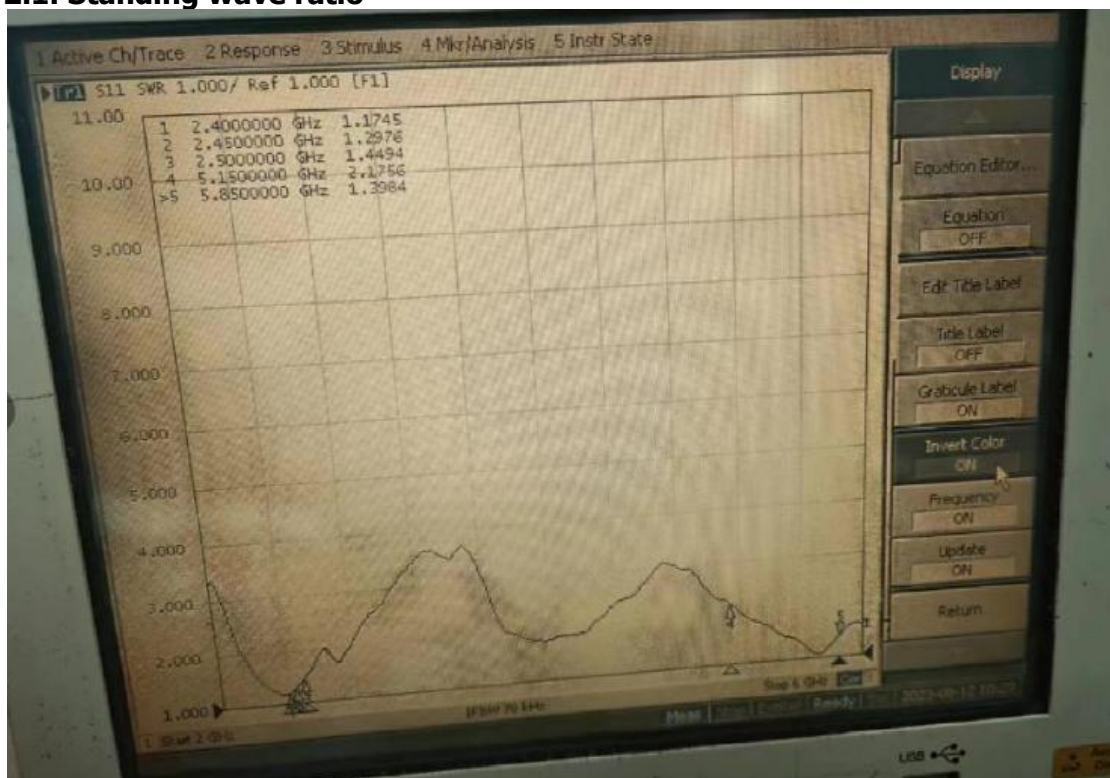
Theta axis test

1.4. Matching circuit



2. Test Data:

2.1. Standing wave ratio



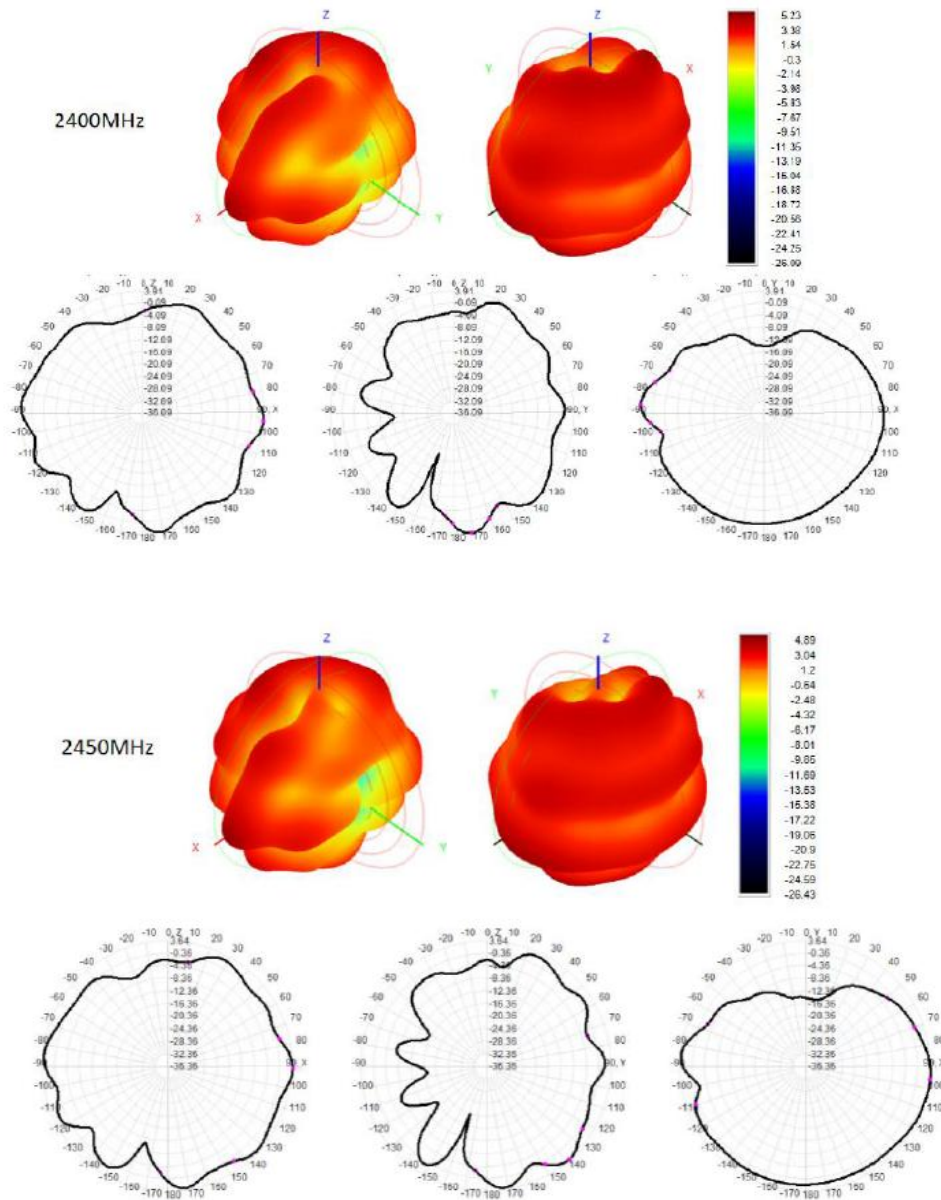
2.2.Efficiency

Fred (MHz)	Effi (%)	Effi (%)	Gain (dBi)
2400	41.07	-2.09	1.63
2410	41.82	-2.50	1.59
2420	41.98	-2.69	1.75
2430	41.81	-2.09	1.38
2440	41.54	-2.34	1.75
2450	41.83	-2.42	1.55
2460	41.15	-2.49	1.69
2470	41.26	-2.88	1.89
2480	41.78	-2.87	1.94
2490	41.05	-2.07	2.00
2500	41.07	-2.09	1.71

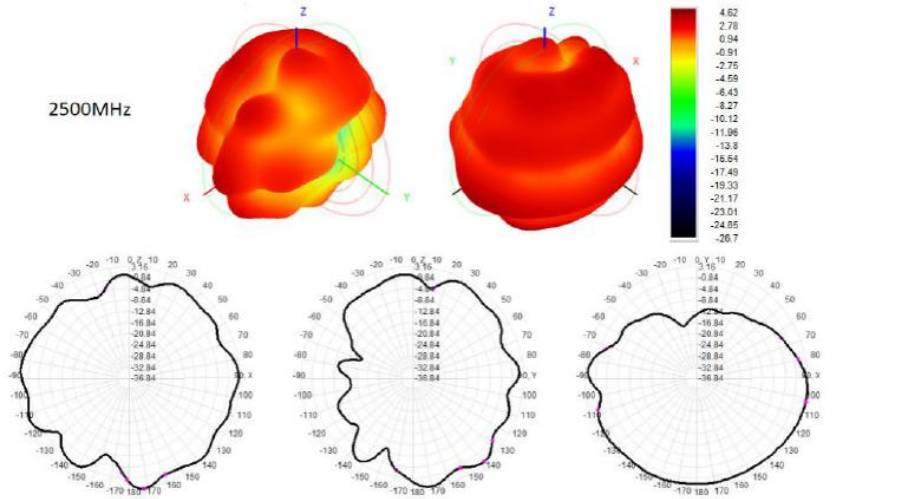
Fred (MHz)	Effi (%)	Effi (%)	Gain (dBi)
4900	60.30	-0.78	1.23
5000	60.53	-0.44	1.59
5100	60.61	-0.25	1.99
5200	60.27	-0.69	1.34
5300	60.49	-0.35	1.48
5400	60.96	-0.35	1.08
5500	60.30	-0.75	1.31
5600	60.73	-0.58	1.53
5700	60.76	0.16	1.78
5800	60.21	-0.63	1.36
5900	60.47	-0.28	1.41

2.3. Directivity diagram

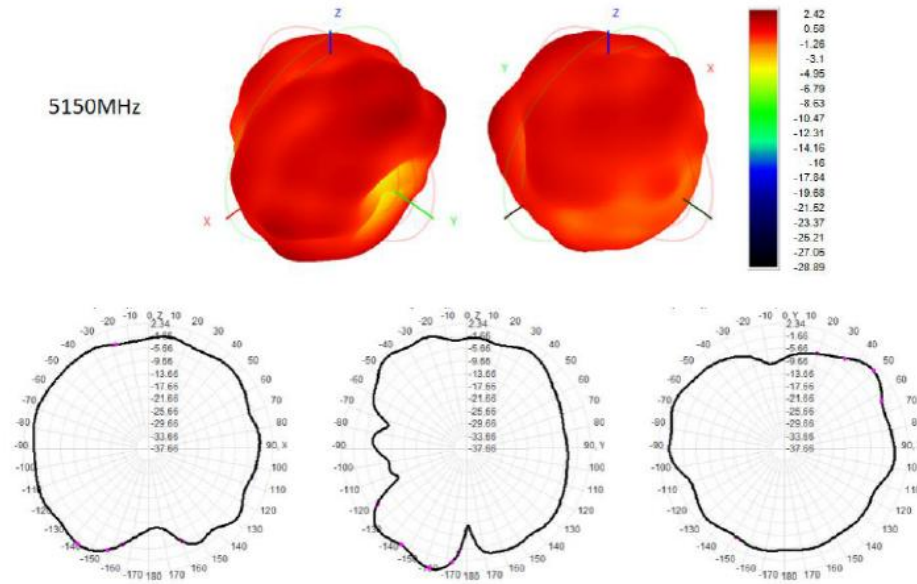
2D/3D:



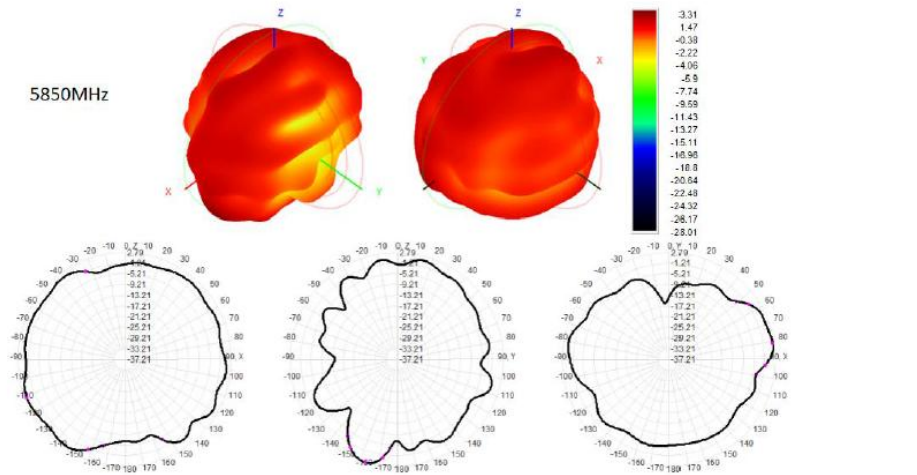
2500MHz



5150MHz



5850MHz



3. Antenna drawing:

