Manufacturer	/
Antenna type	Internal antenna
Antenna Gain	2.15dBi for 2.4G, 0.88dBi for 5G

1.Test equipment and conditions:

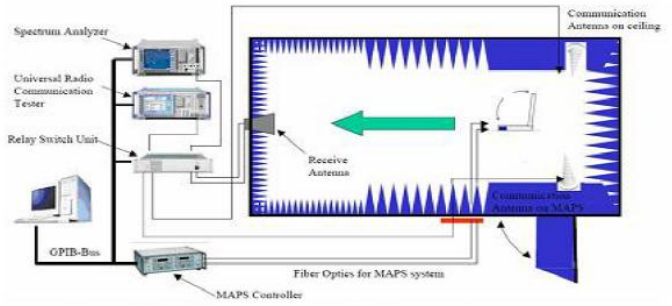
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

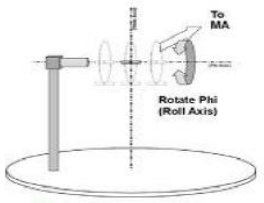
1.2.Communication test equipment

Agilent E5515C R&S CMW500

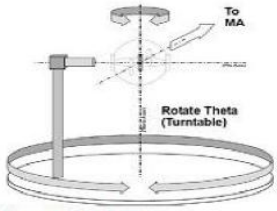
1.3.Test system



(Testing by 3D anechoic chamber)

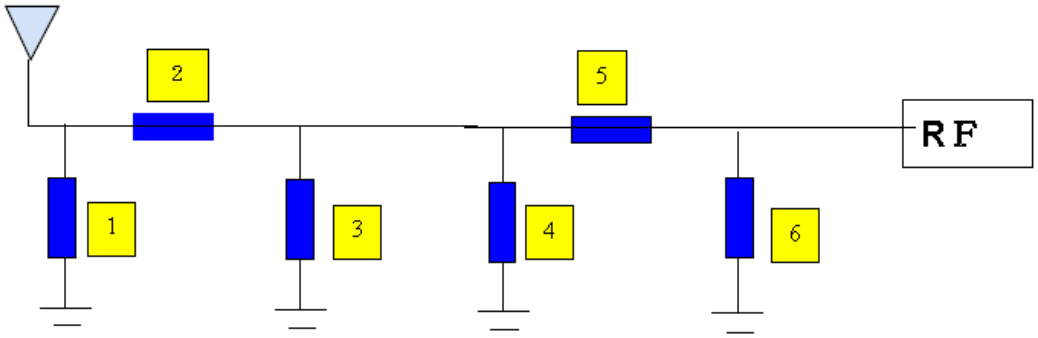


Phi axis test



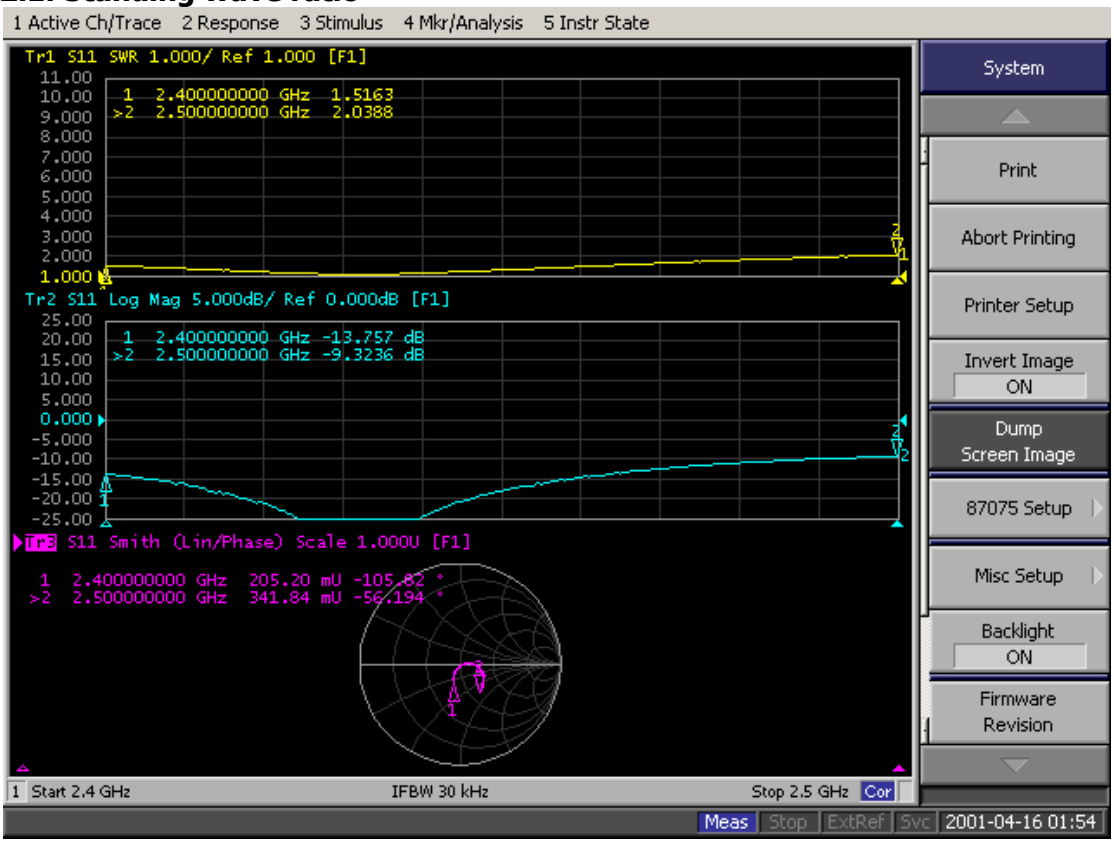
Theta axis test

1.4.Matching circuit



2.Test Data:

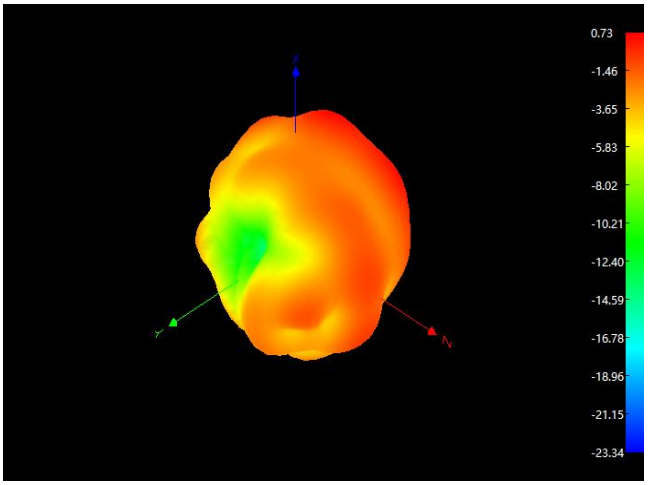
2.1. Standing wave ratio



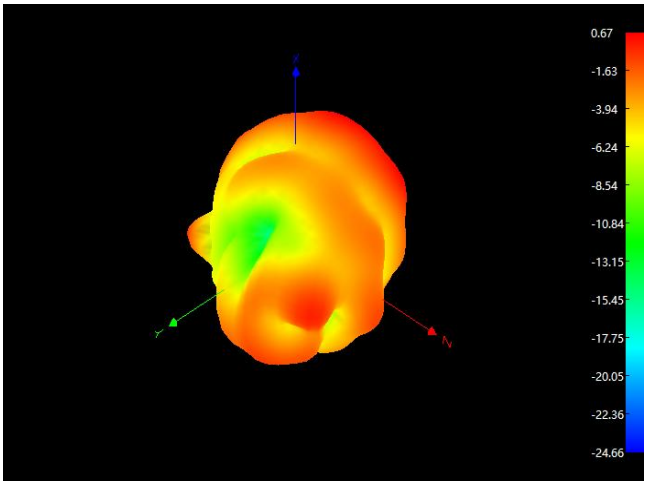
2.2.Efficiency

Frequency / MHz	Efficiency / dB	Efficiency / %	Frequency / MHz	Gain/ dBi
2350	-3.45	45.19	2350	0.91
2360	-3.87	41.02	2360	0.44
2370	-3.81	41.59	2370	0.52
2380	-3.86	41.11	2380	0.21
2390	-3.61	43.55	2390	0.34
2400	-3.43	45.39	2400	0.73
2410	-3.21	47.75	2410	0.92
2420	-3.15	48.42	2420	0.9
2430	-3.34	46.34	2430	0.99
2440	-3.43	45.39	2440	0.95
2450	-3.55	44.16	2450	0.67
2460	-3.65	43.15	2460	0.72
2470	-3.57	43.95	2470	1.47
2480	-3.55	44.16	2480	1.55
2490	-3.23	47.53	2490	1.91
2500	-3.46	45.08	2500	2.15

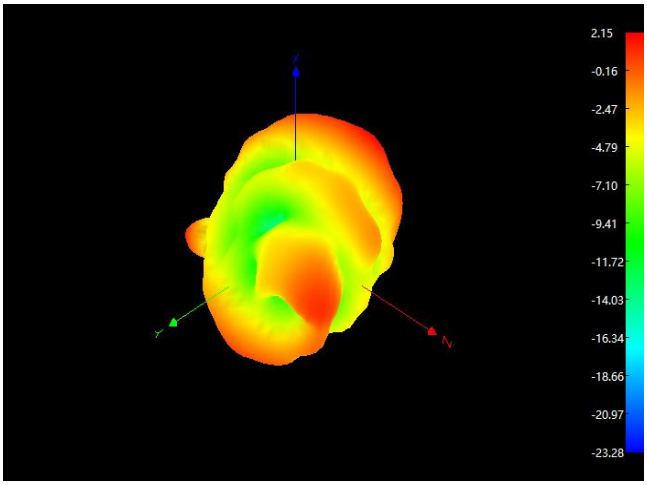
2.3.Directivity diagram



2400MHZ



2450MHZ



2500MHZ

3.Antenna drawing: