

Manufacturer	ELEC
Address	No. 410, Building D2, Luogang Agile Plaza, Shui West Road, Science City, Huangpu District, Guangzhou
Model	CA-C01
Antenna type	Ceramic antenna
Antenna Gain	2.00dBi for 2.4G

1.Test equipment and conditions:

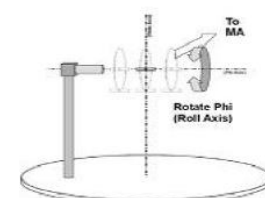
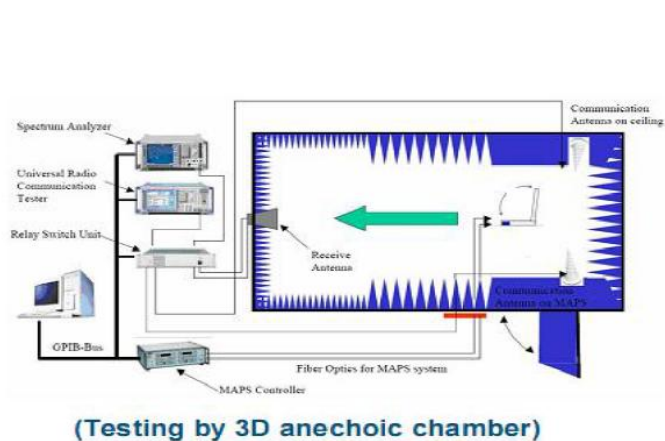
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

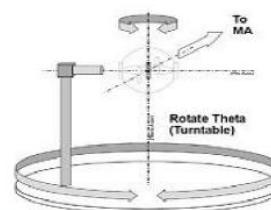
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

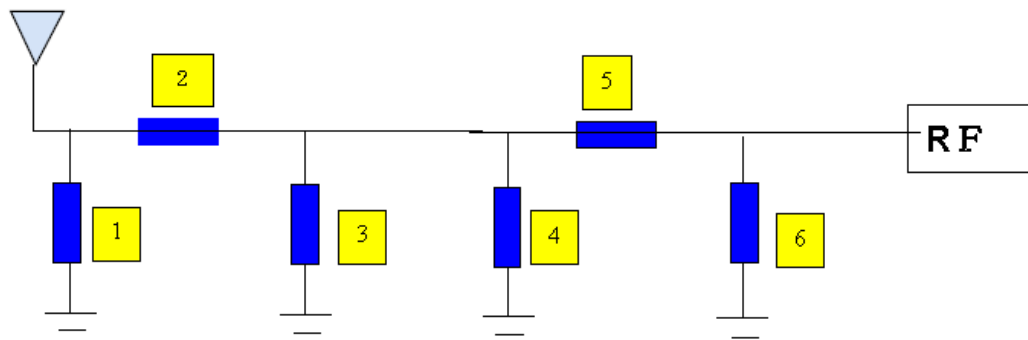


Phi axis test



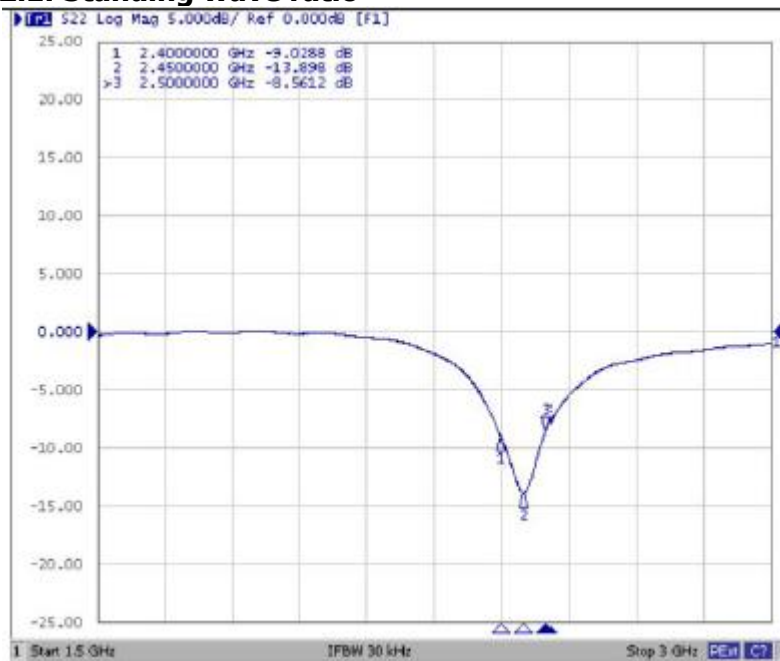
Theta axis test

1.4. Matching circuit



2. Test Data:

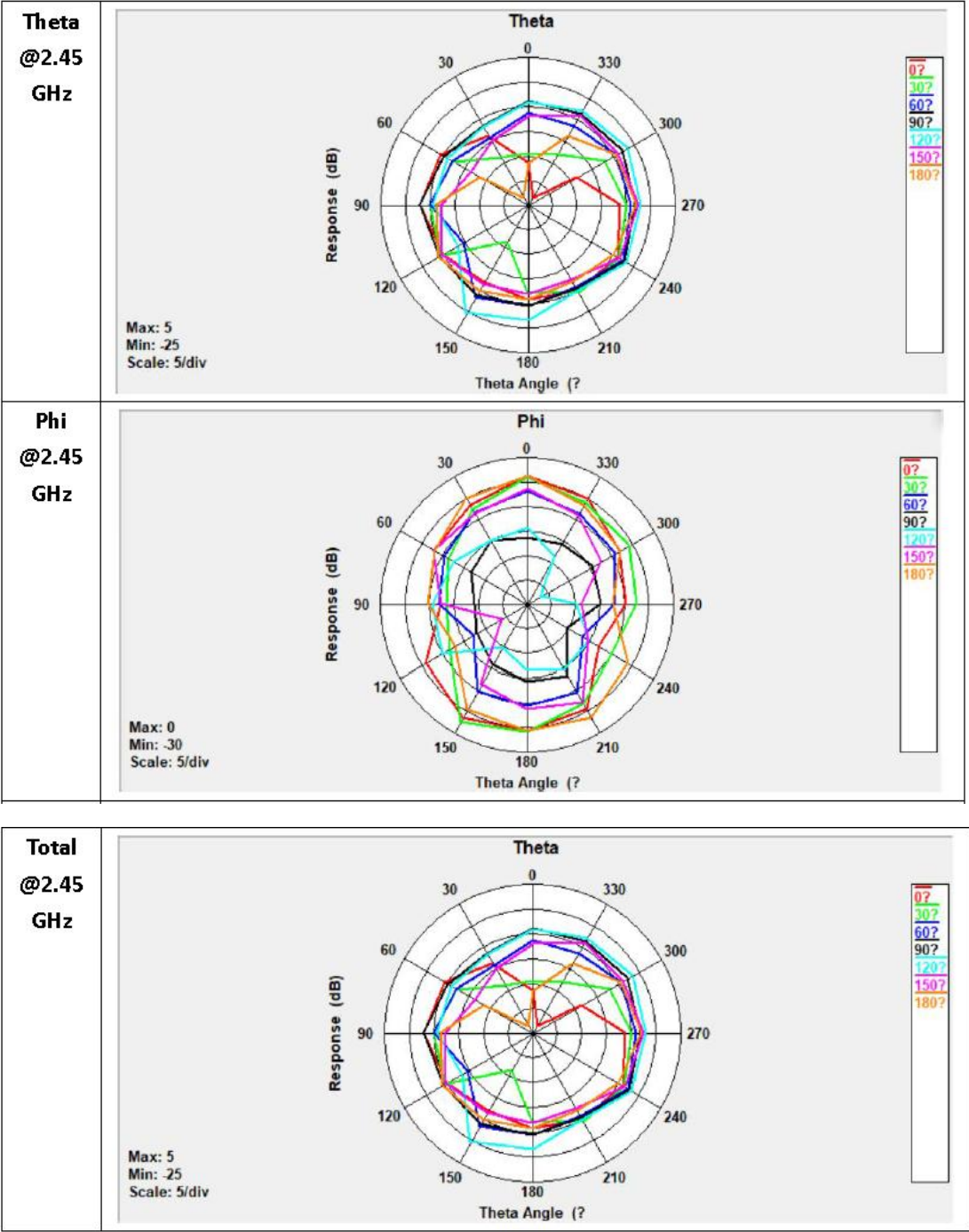
2.1. Standing wave ratio



2.2.Efficiency

2.4G										
Fred (MHz)	Effi (%)	Effi (%)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut (Hor)	Attenut (Ver)
2400	41.07	-2.09	1.63	-0.51	45.31	17.27	2.29	-23.79	48.26	49.33
2410	41.62	-2.50	1.59	-0.55	45.21	17.14	2.46	-21.29	48.66	49.58
2420	41.98	-2.69	1.75	-0.39	45.44	17.17	2.68	-20.97	48.71	49.88
2430	41.81	-2.09	1.38	-0.76	45.86	17.96	2.29	-22.77	48.21	49.35
2440	41.54	-2.34	1.75	-0.39	45.07	17.84	2.53	-25.39	48.58	49.56
2450	41.83	-2.42	1.55	-0.59	45.99	17.98	3.15	-21.98	49.11	49.99
2460	41.15	-2.49	1.69	-0.45	45.90	17.83	2.31	-25.62	48.37	49.22
2470	41.26	-2.88	1.89	-0.25	45.42	17.55	2.50	-24.31	48.50	49.54
2480	41.78	-2.87	1.94	-0.20	45.98	17.25	3.14	-23.23	48.98	49.99
2490	41.05	-2.07	2.00	-0.14	45.88	17.74	2.35	-21.77	48.24	49.20
2500	41.07	-2.09	1.71	-0.43	45.31	17.27	2.48	-20.30	48.48	49.61

2.3.Directivity diagram



3. Antenna drawing:

