

Manufacturer	Visualite Technology Enterprise(ShenZhen)LTD
Address	NO. 7, BEIGUANG INDUSTRIAL, LIANGBAI ROAD, EGONGLING VILLAGE, PINGHU TOWN, LONGGANSHEZHEN 518111 CHINA
Model	VBT52832R1
Antenna type	Linear antenna
Antenna Gain	2.50dBi for 2.4G

1.Test equipment and conditions:

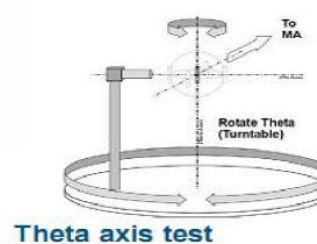
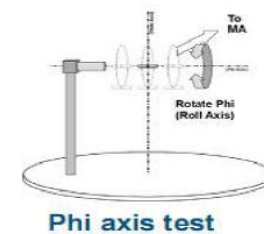
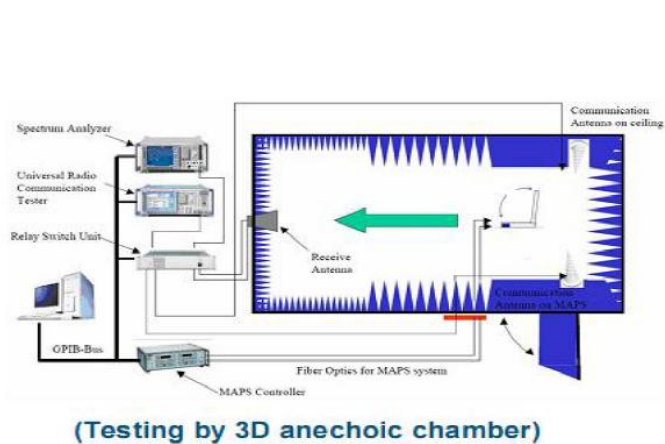
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

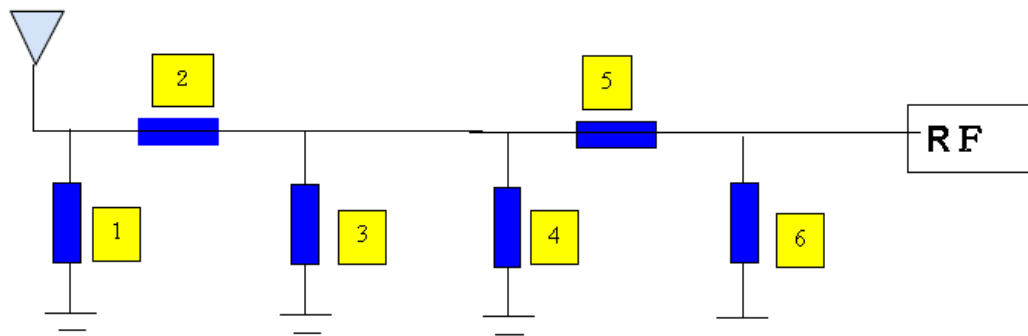
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

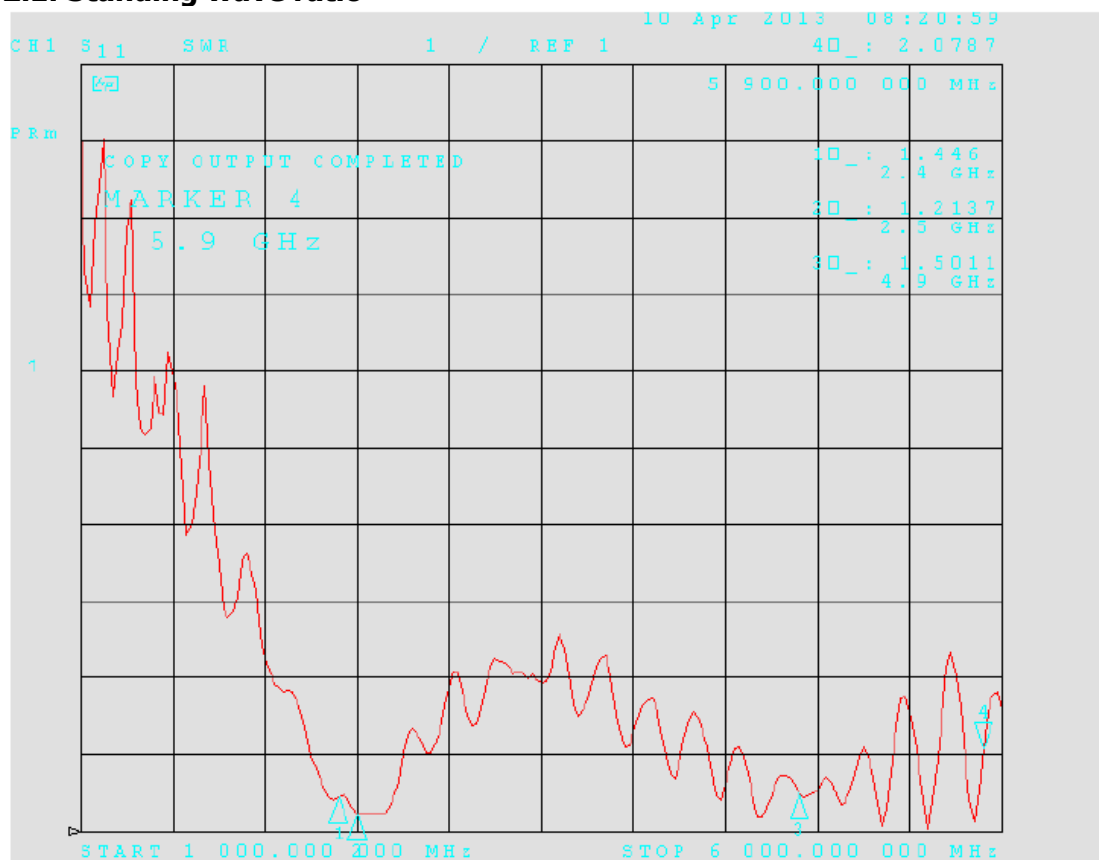


1.4. Matching circuit



2. Test Data:

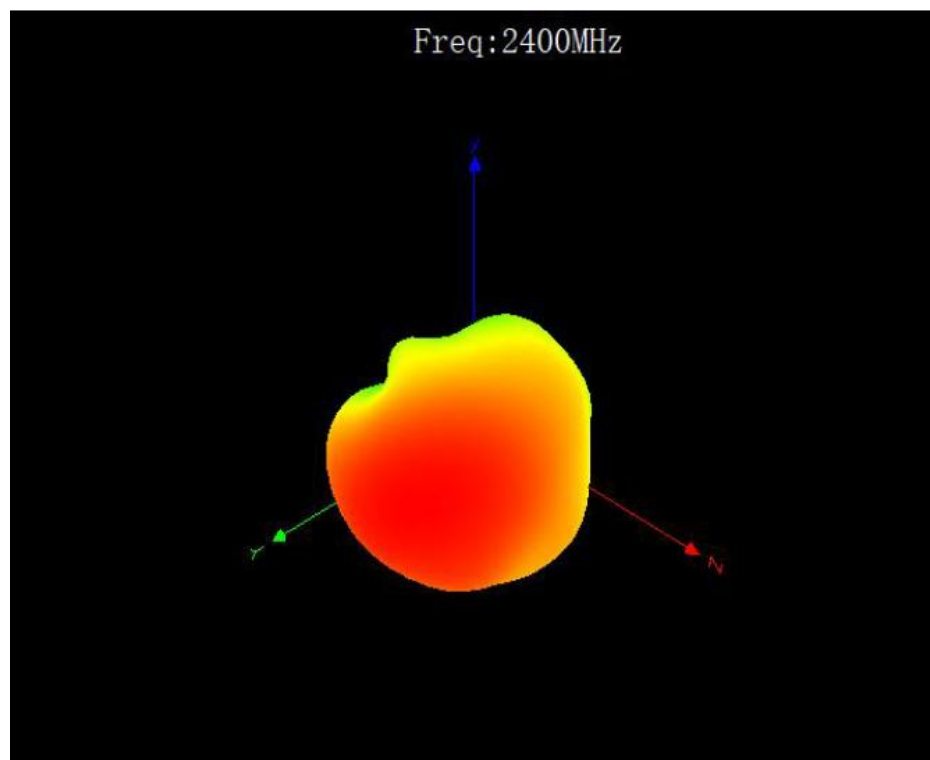
2.1. Standing wave ratio



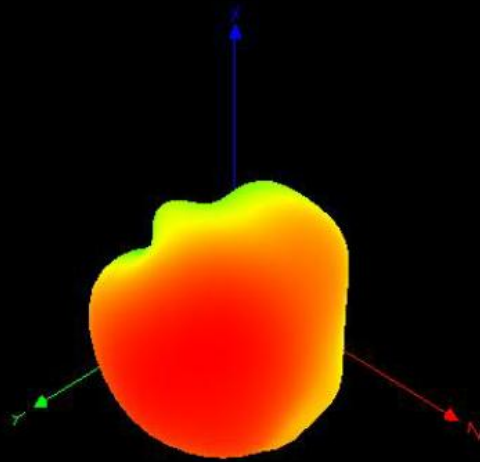
2.2.Efficiency

Fred (MHz)	Effi (%)	Effi (%)	Gain (dBi)	UHIS (%)	DHIS (%)
2400	44.38	-2.79	2.26	40.28	13.32
2410	44.63	-2.46	2.16	42.42	13.54
2420	44.94	-2.12	2.17	40.96	14.77
2430	44.27	-2.70	2.40	43.24	15.23
2440	44.75	-2.39	2.00	40.71	15.79
2450	44.82	-1.83	2.50	41.19	16.18
2460	44.28	-2.63	2.13	42.39	18.25
2470	44.49	-2.34	2.44	41.78	18.80
2480	45.08	-2.23	2.00	40.89	19.05
2490	44.21	-2.68	2.25	43.21	19.23
2500	44.46	-2.32	2.11	40.44	19.62

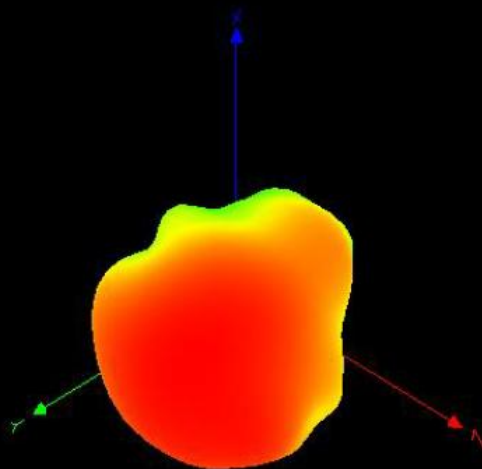
2.3.Directivity diagram



Freq:2450MHz



Freq:2500MHz



3. Antenna drawing(MM):

