

Test Equipment & Conditions

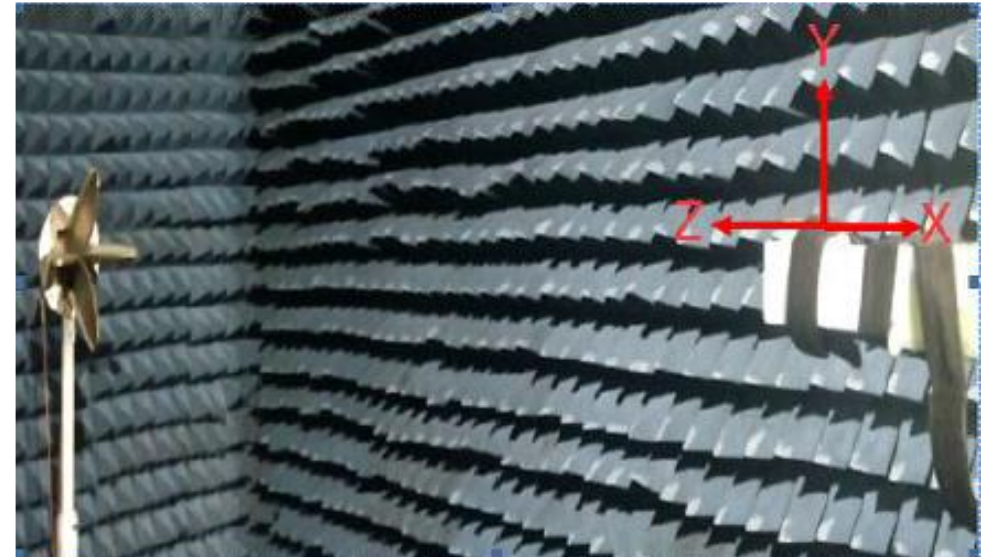
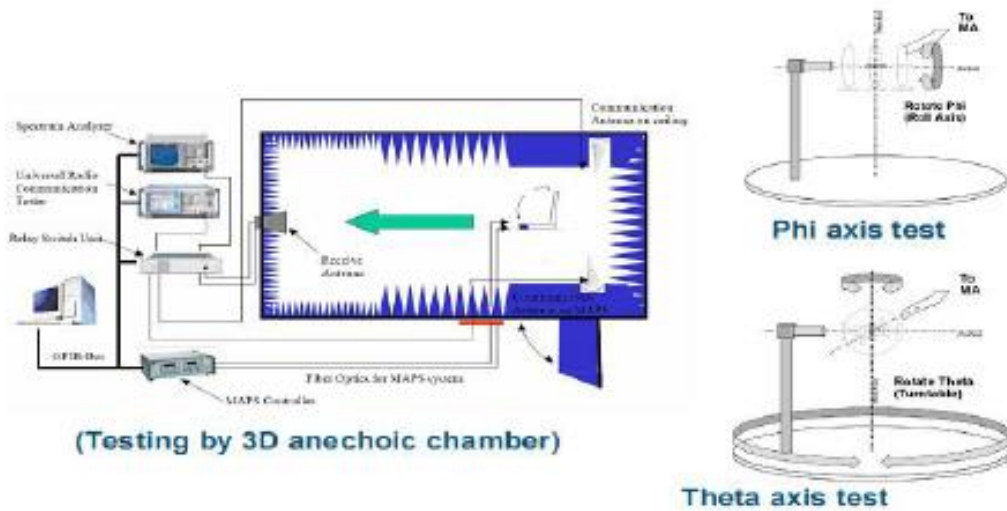
1. Network Analyzers :

Agilent 8753D 5071B

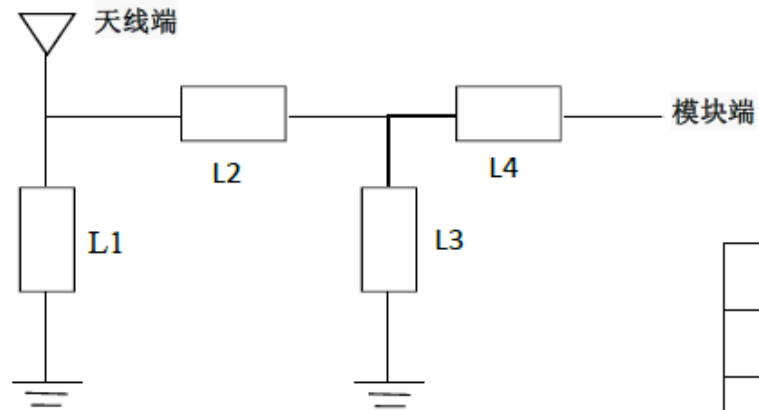
Communications Test Set:

Agilent E5515C CMW500

2. 3D Chamber Test System



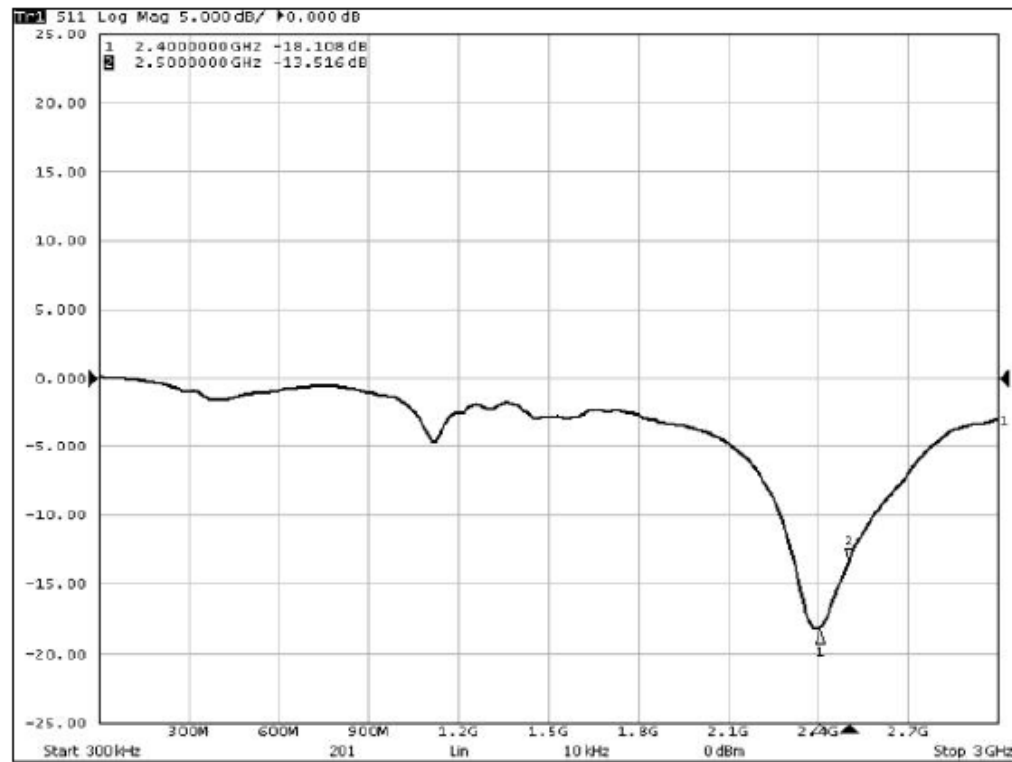
● 匹配电路 (matching circuit)



L1	/
L2	/
L3	/
L4	/

原主板匹配电路不变

◆ Return Loss

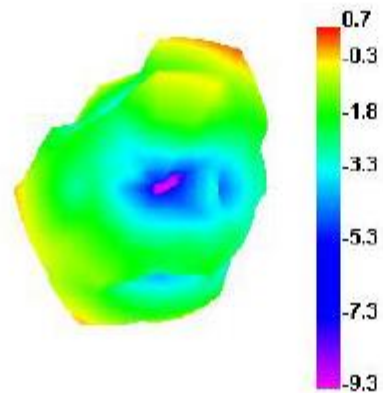


◆ Gain & Efficiency

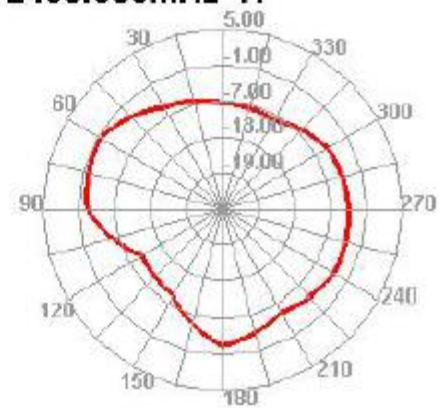
Freq (MHz)	Effi (%)	Gain (dBi)
2400	53.66	0.7
2410	52.19	0.8
2420	53.03	1.09
2430	54.41	1.32
2440	56.67	1.45
2450	55.24	1.2
2460	55.61	1.21
2470	51.91	1.29
2480	54.39	1.66
2490	56.96	2.03
2500	56.23	2.16

◆ Radiation Pattern

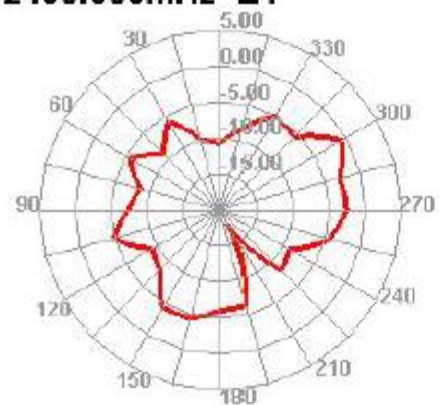
2400.000MHz



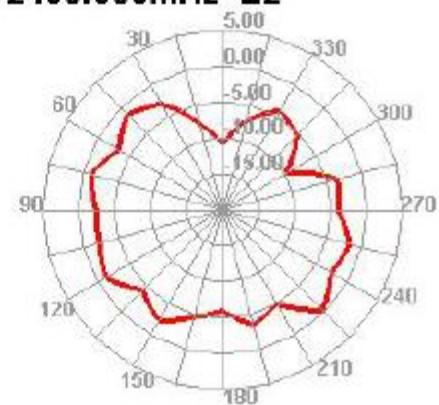
2400.000MHz H



2400.000MHz E1

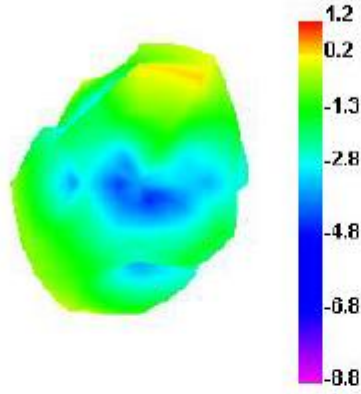


2400.000MHz E2

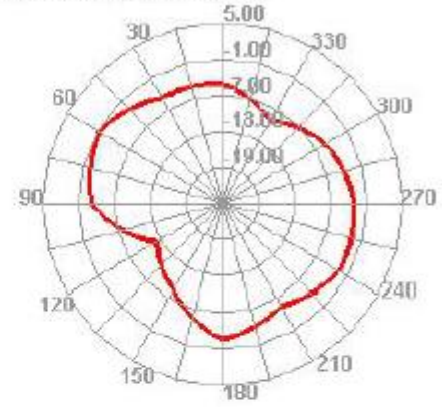


◆ Radiation Pattern

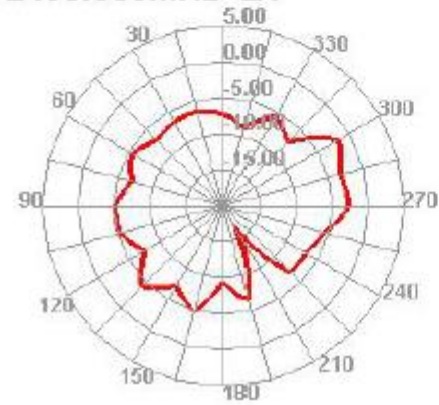
2450.000MHz



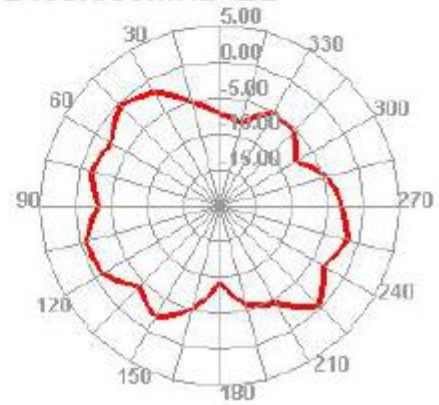
2450.000MHz H



2450.000MHz E1

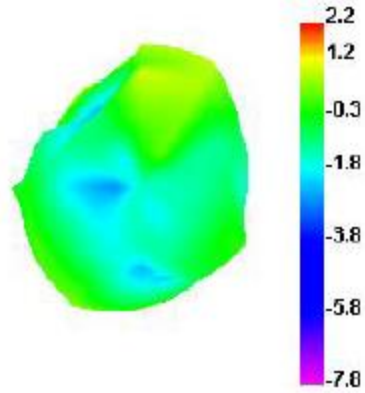


2450.000MHz E2

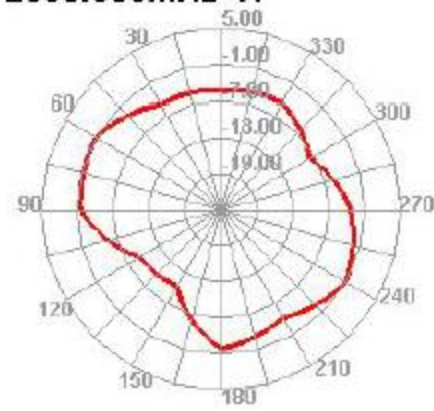


◆ Radiation Pattern

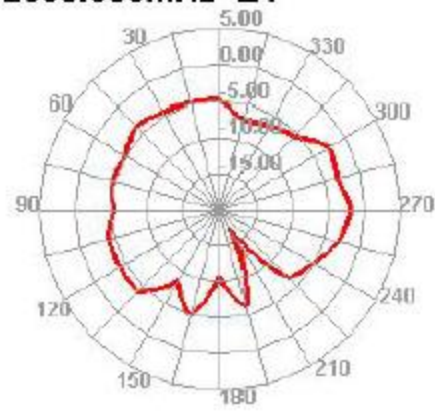
2500.000MHz



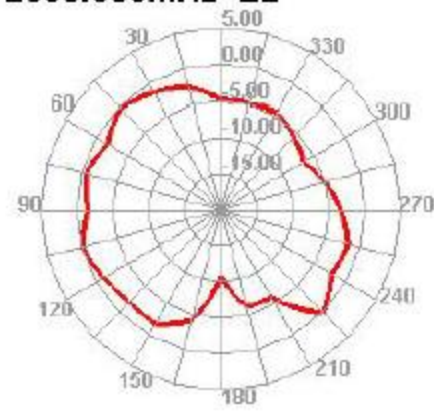
2500.000MHz H



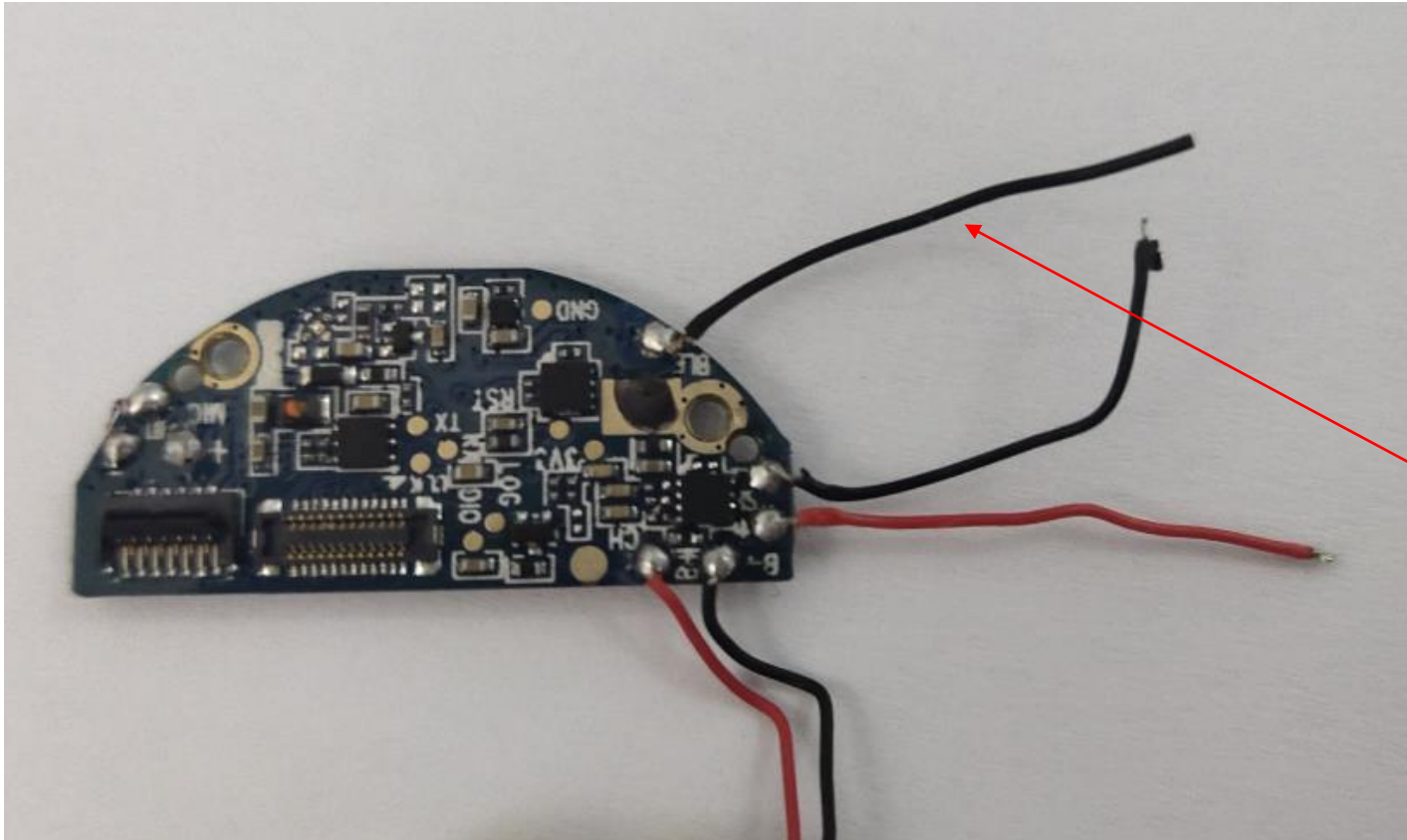
2500.000MHz E1



2500.000MHz E2



antenna



ANT