

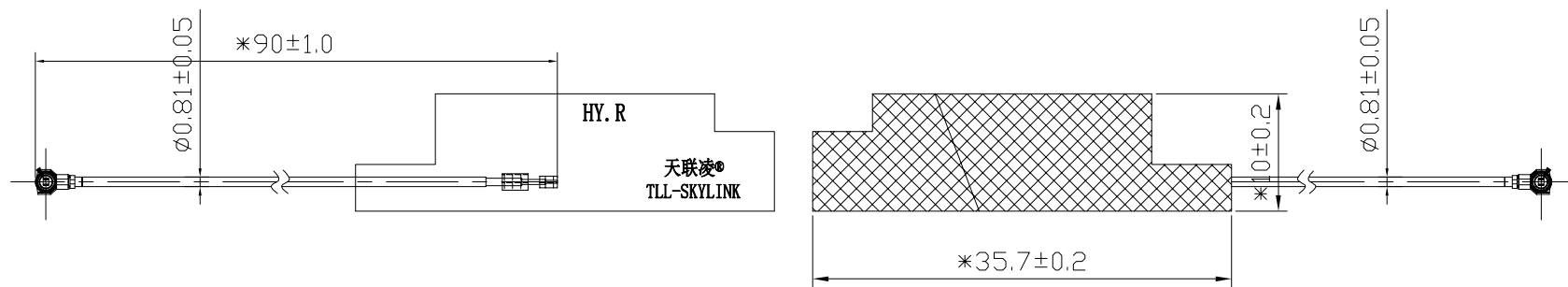
深圳市天联凌科技有限公司

Shenzhen SKYLink Technology Co.,Ltd

Antenna Specification

Summary

ITEM	ANT SPEC
Model Name	HY.R/HY.L
MAX. Gain	2.16dBi
Polarization	linear polarization
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
Material	FPC
Manufacture	Shenzhen SKYLink Technology Co.,Ltd



● Test Equipment & Conditions

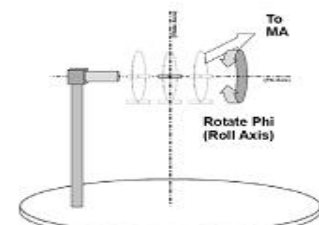
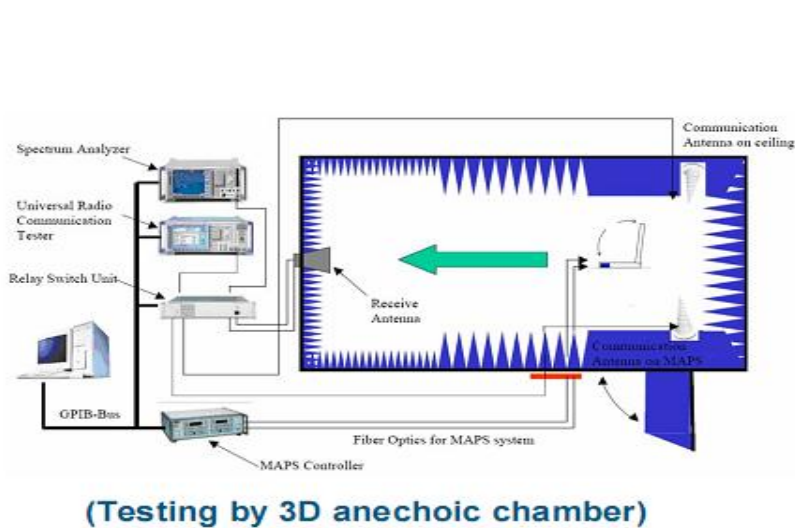
1. Network Analyzers :

Agilent 8753D 5071B

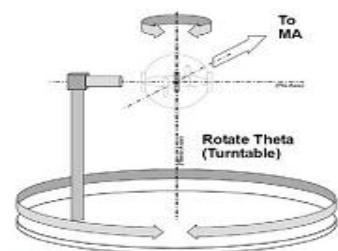
Communications Test Set:

Agilent E5515C CMW500

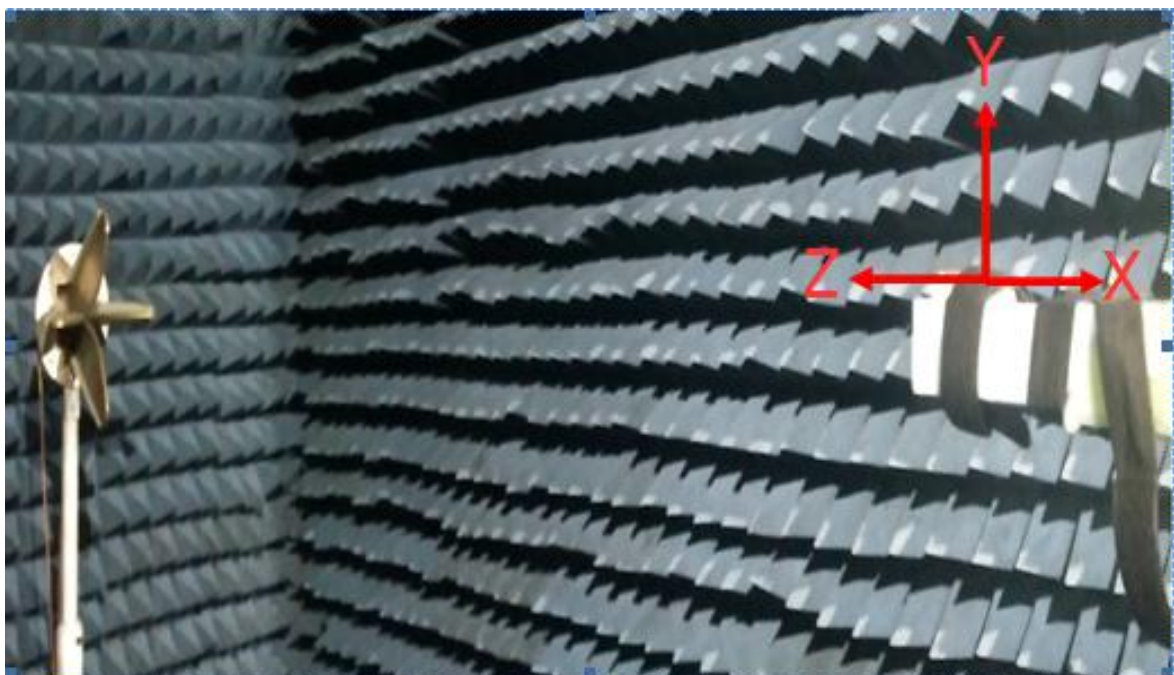
2. 3D Chamber Test System



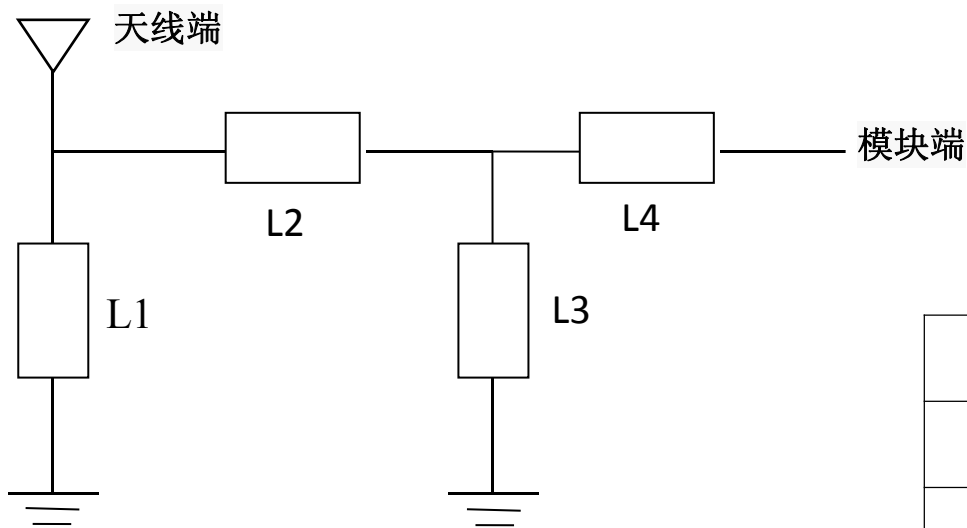
Phi axis test



Theta axis test



● 匹配电路 (matching circuit)



L1	/
L2	/
L3	/
L4	/

原主板匹配电路不变

◆ Return Loss

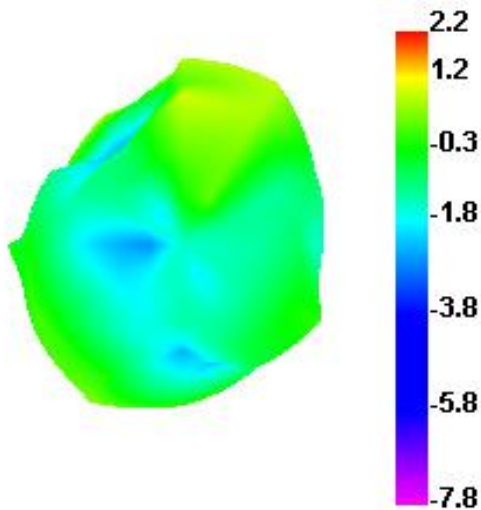


◆ Gain & Efficiency

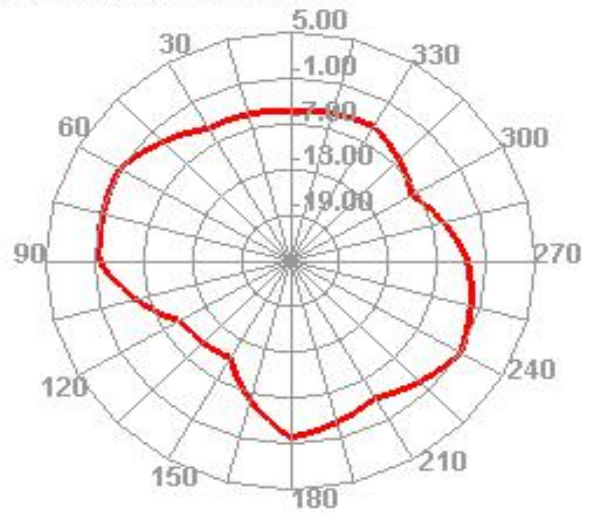
Freq (MHz)	Effi (%)	Gain (dBi)
2400	43.66	0.7
2410	43.19	0.8
2420	43.03	1.09
2430	42.41	1.32
2440	41.67	1.45
2450	40.24	1.2
2460	40.61	1.21
2470	41.41	1.29
2480	43.89	1.66
2490	46.46	2.03
2500	45.73	2.16

◆ Radiation Pattern

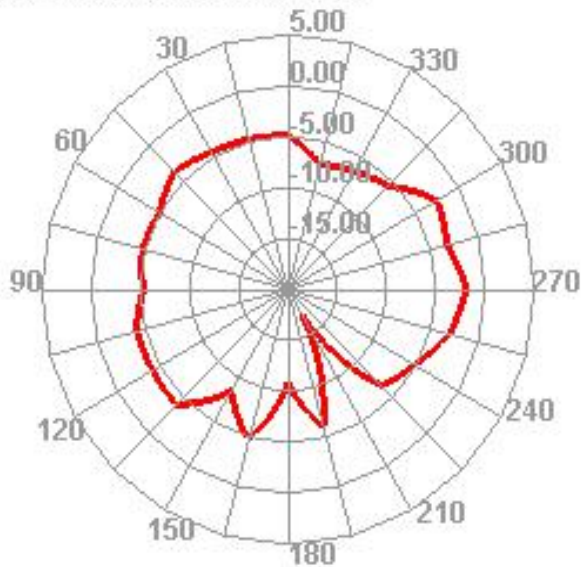
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

