

深圳市天联凌科技有限公司

Shenzhen SKYLink Technology Co.,Ltd

Antenna Specification for Approval

编号: SLS0A20250613CS03

Customer Name: Chengdu Ashining Technology Co., Ltd.

Product Name: X3 2.4G ANT
product description PCB without adhesive, 1.78MM black coaxial cable, cable length 430MM, first-generation terminals, 4MM foam added to both sides of the PCB

Customer Number:

Company's number: X3. 2G4. C178. 430B. 1

Versions: V1.0

Date: 2025.06.13

This acknowledgement is strictly non-modifiable.

Engineer	Business Dept	Approved By

SKYLink

R&D Dept	Engineer	Approval

● Test Equipment & Conditions

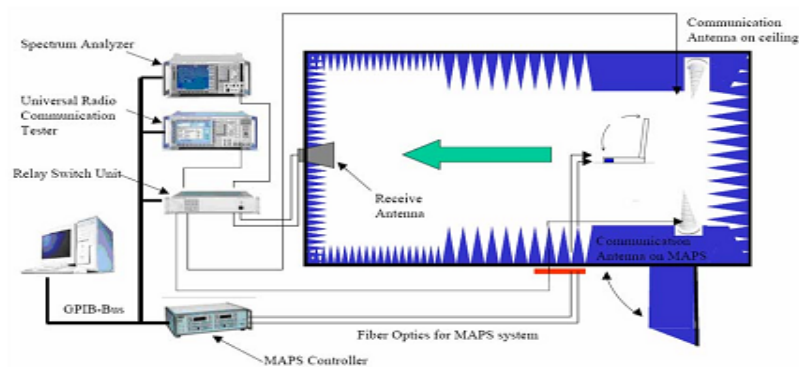
1. Network Analyzers :

Agilent 8753D 5071B

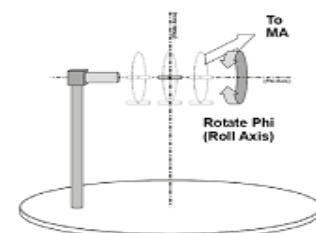
Communications Test Set:

Agilent E5515C CMW500

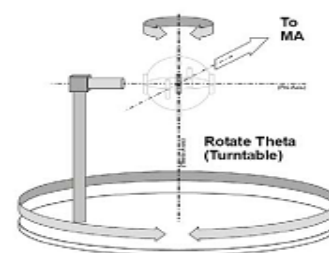
2. 3D Chamber Test System



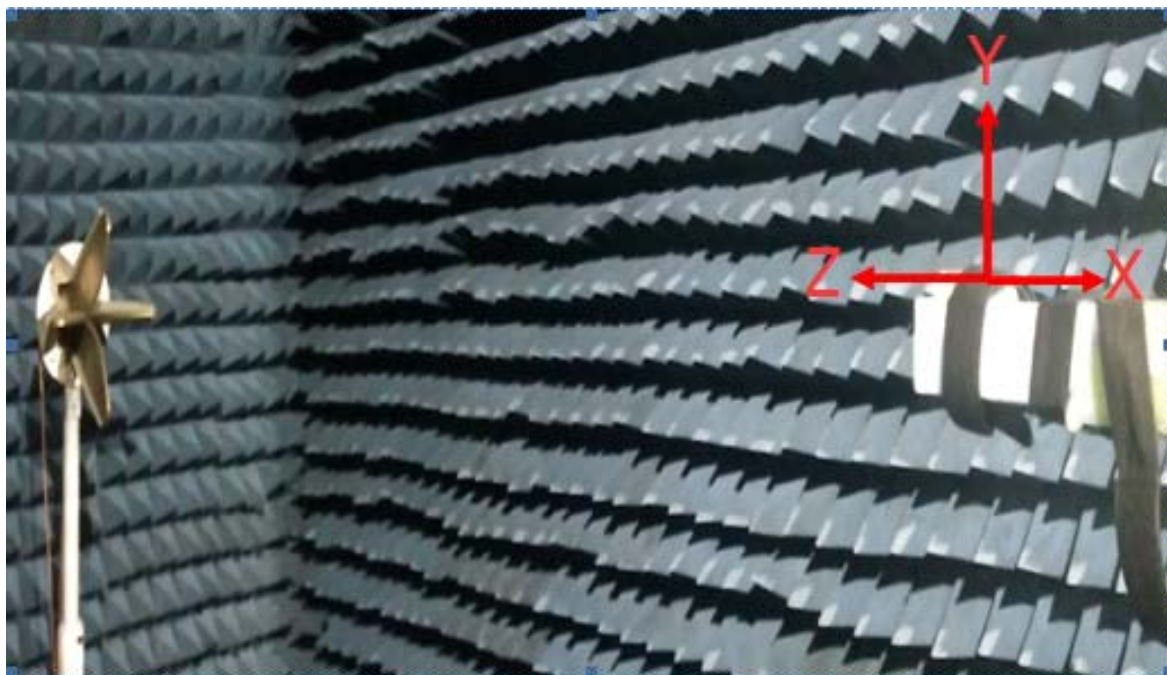
(Testing by 3D anechoic chamber)



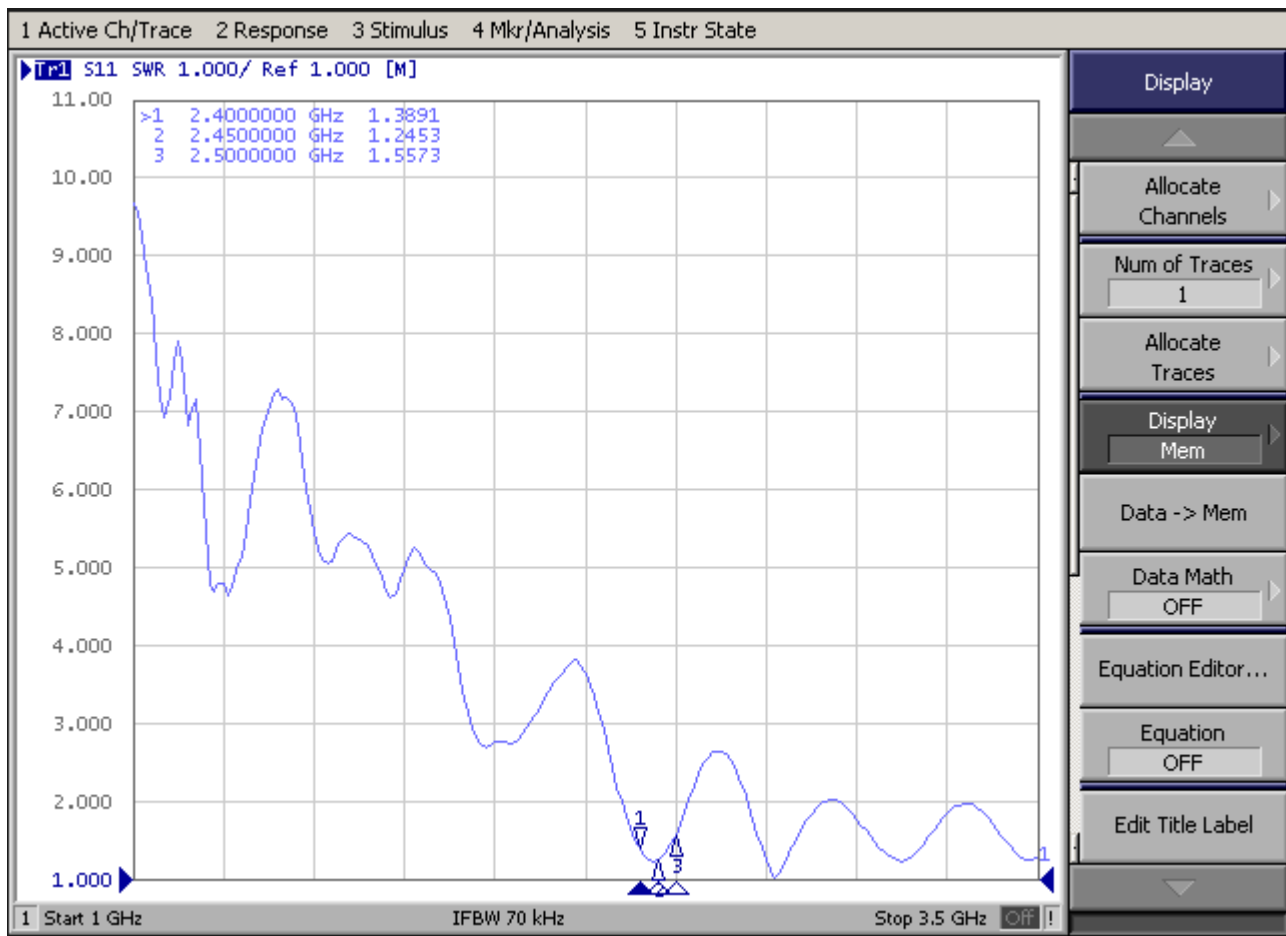
Phi axis test



Theta axis test



◆ VSWR

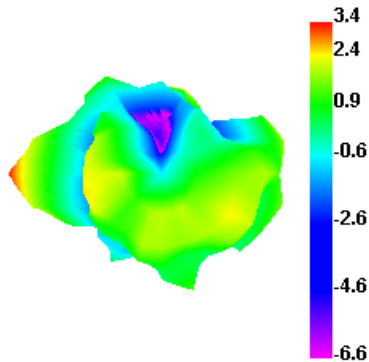


◆ Gain & Efficiency

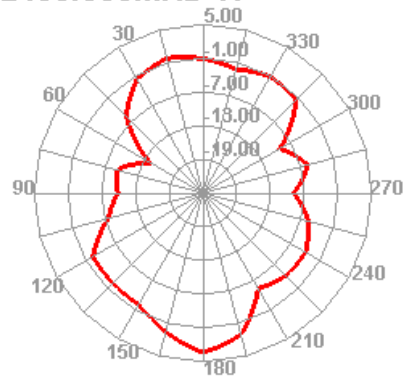
Freq (MHz)	Effi (%)	Gain (dBi)
2400	62.16	3.38
2410	63.49	3.42
2420	64.03	3.47
2430	62.6	3.36
2440	60.8	3.18
2450	55.18	2.61
2460	53.68	2.44
2470	51.78	2.44
2480	54.56	2.71
2490	56.45	2.87
2500	54.74	3.03

◆ Radiation Pattern

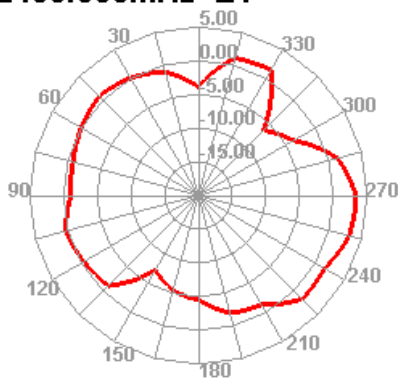
2400.000MHz



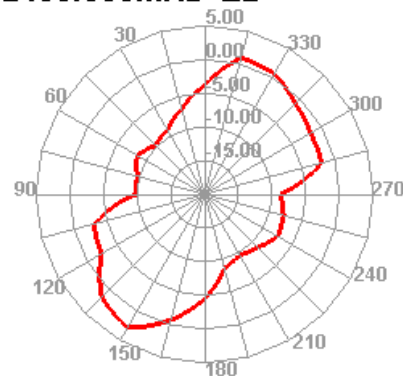
2400.000MHz H



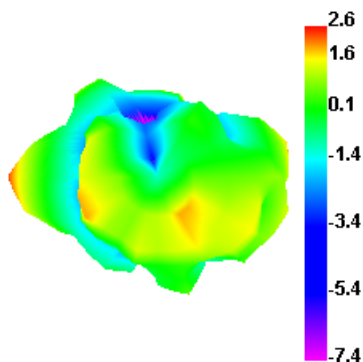
2400.000MHz E1



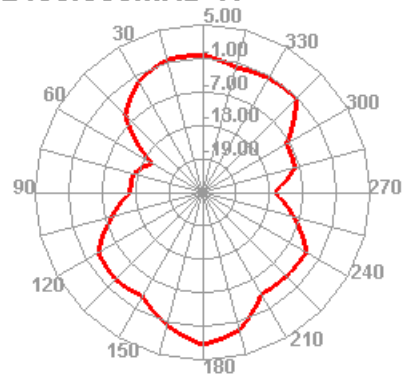
2400.000MHz E2



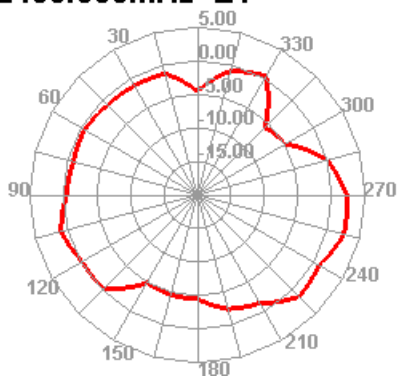
2450.000MHz



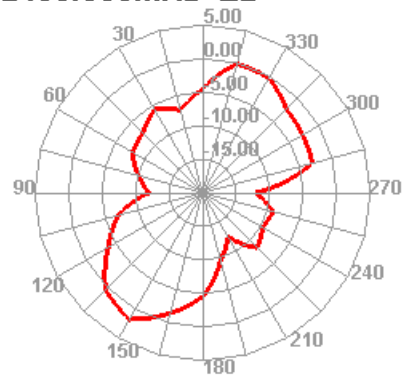
2450.000MHz H



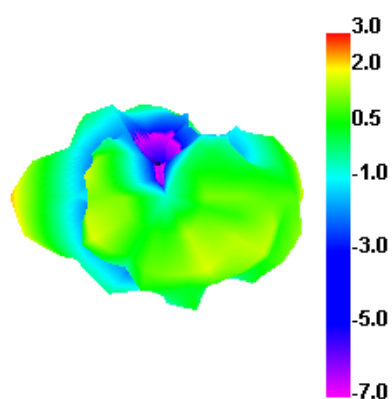
2450.000MHz E1



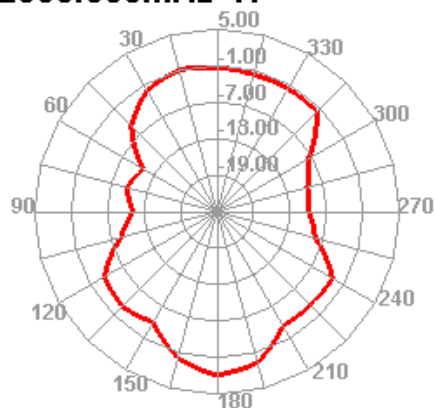
2450.000MHz E2



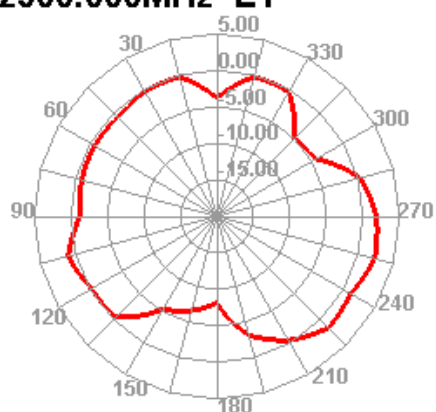
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

