承　　认　　书

客户名称 Customer: 共进

客户料号 Customer Material number: 8000000055491341

物料名称 Material name: 外置天线

物料型号 Material type: SSR-2402018

物料描述 Materialdescription: 铜管结构-2.4G L=150,1.37 黑色, IPEX（BE58U）

版　　本 Edition: V1

供 应 商 承 认 The supplier acknowledge	
工 程 Engineering	批 准 Approval
袁裕深	叶晔
盖章签署 Signed	
日　　期 Date	2025-3-28

供应商名称 Supplier name：东莞市新盛电子有限公司

Dongguan City Xinsheng Electronics Co.,Ltd

供应商地址 Supplier Address: 东莞市大岭山镇大塘朗管理区六村

6Village，Datanglang District，Dalingshan，Dongguan，Guangdong，PRC

电　　话 Telphone：886-769-85639708　85639728

传　　真 Fax：886-769-85652960

网　　址 Website：http://www.hsinsec.com

电子邮箱 E-mail：zll@hsinsec.com

Revised History

Date	Version SS	R No.	Revised Record
2024/2/27	1.00	SSR-2402018	● 1st released
2025/3/28	2.00	SSR-2402018	● 2st 修改尺寸公差

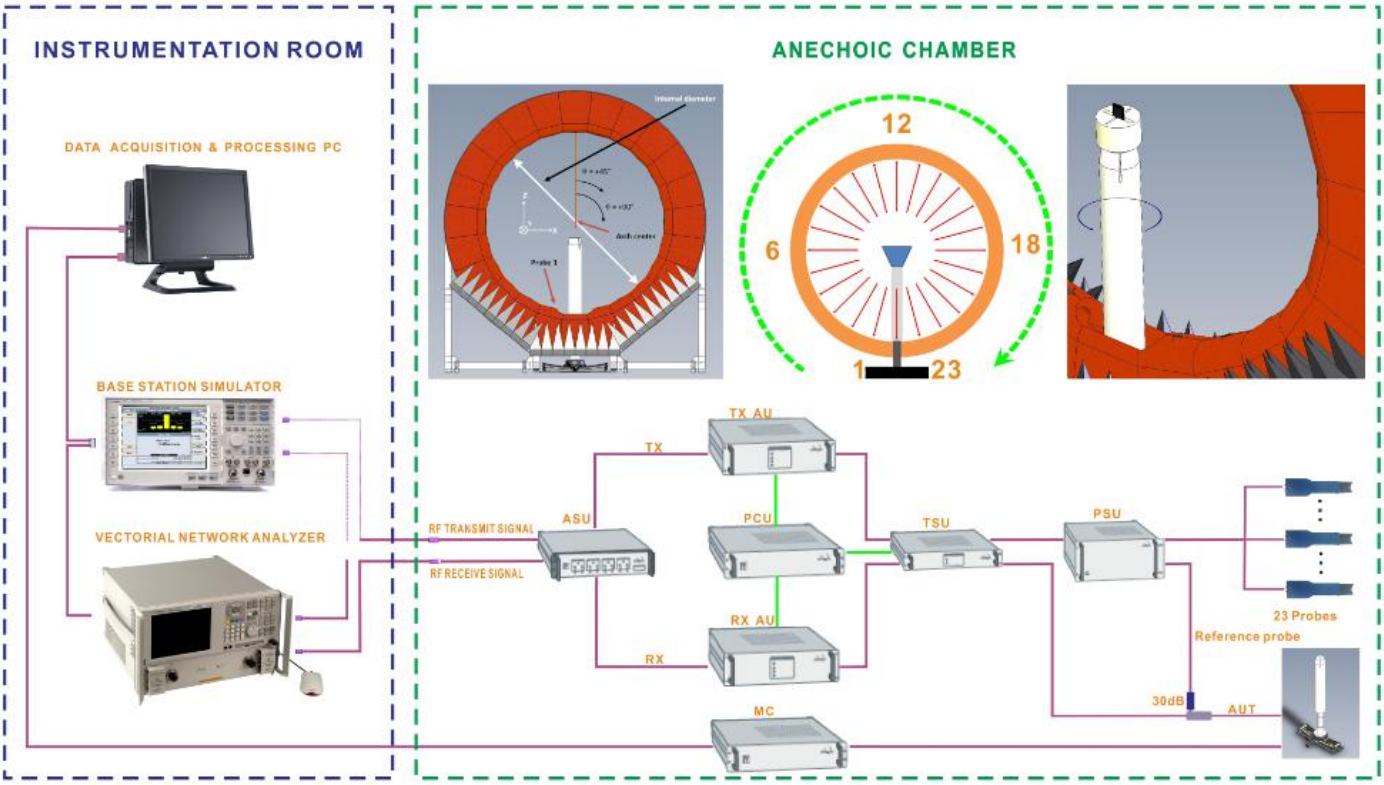
Specification

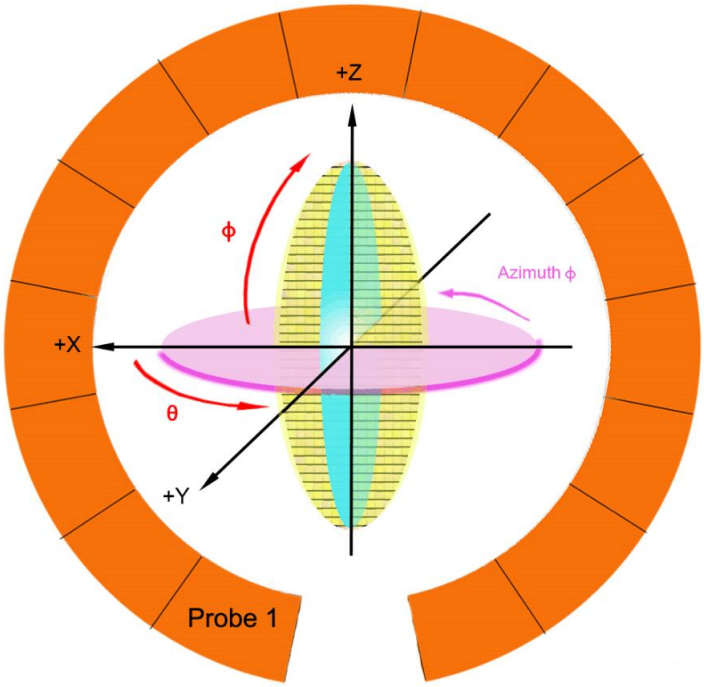
1. Antenna Electrical Properties:		
1.1	Frequency	2400-2500MHz
1.2	Impedance	50 ohm Nominal
1.3	VSWR	1.92:1 Max
1.4	Return Loss	-10 dB Max.
1.5	Radiation	Omni-directional
1.6	Polarization	Linear; Vertical
2. Physical Properties:		
2.1	Operating Temperature	-20~+65℃
2.2	Storage Temperature	-30~+75℃
2.3	Cable Length	150mm
2.4	Cable	1.37mm
2.5	Connector	MHF
2.6	Antenna mast sleeve	ABS
2.8	Color	Black

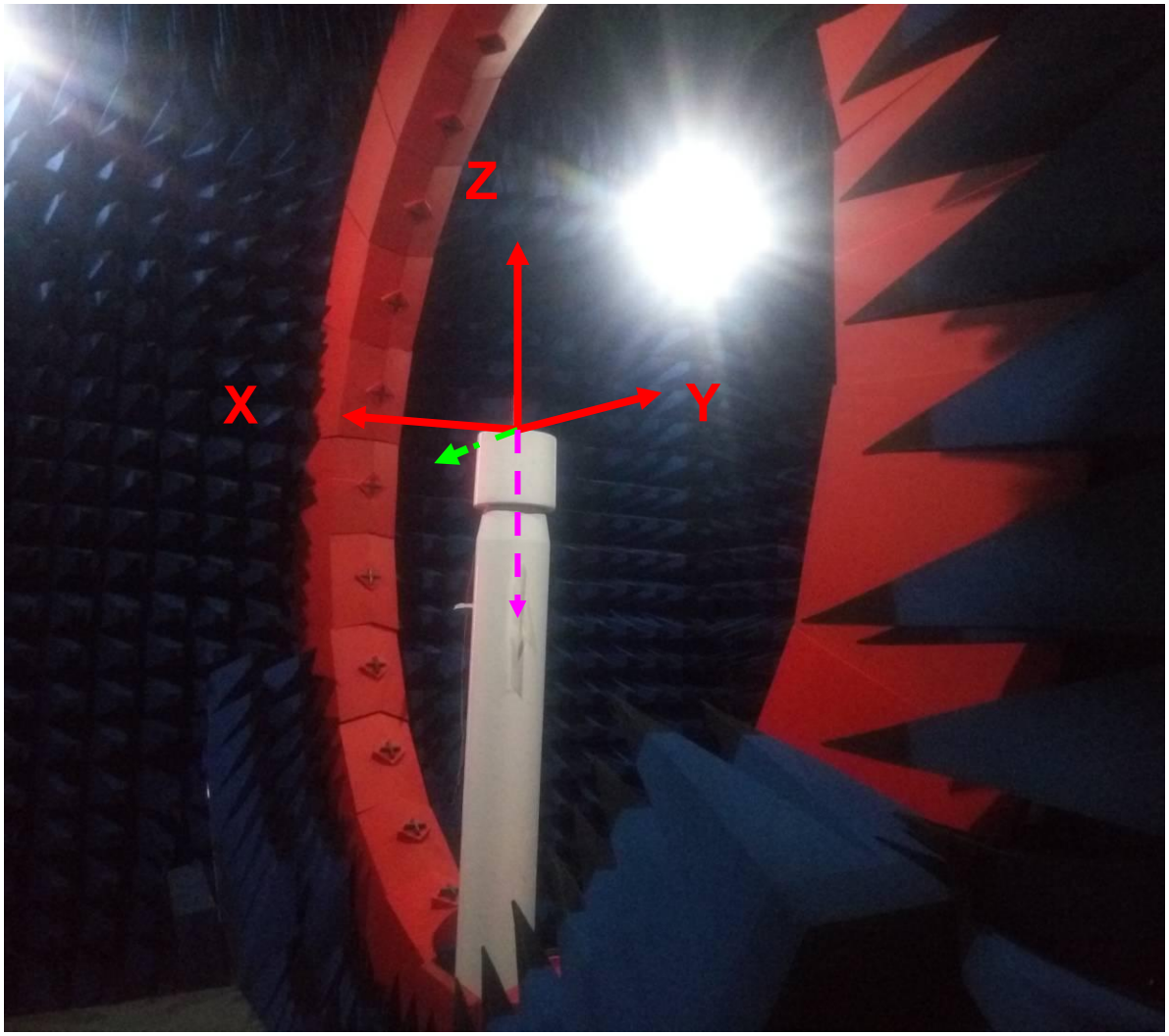
Test Results

1 Antenna

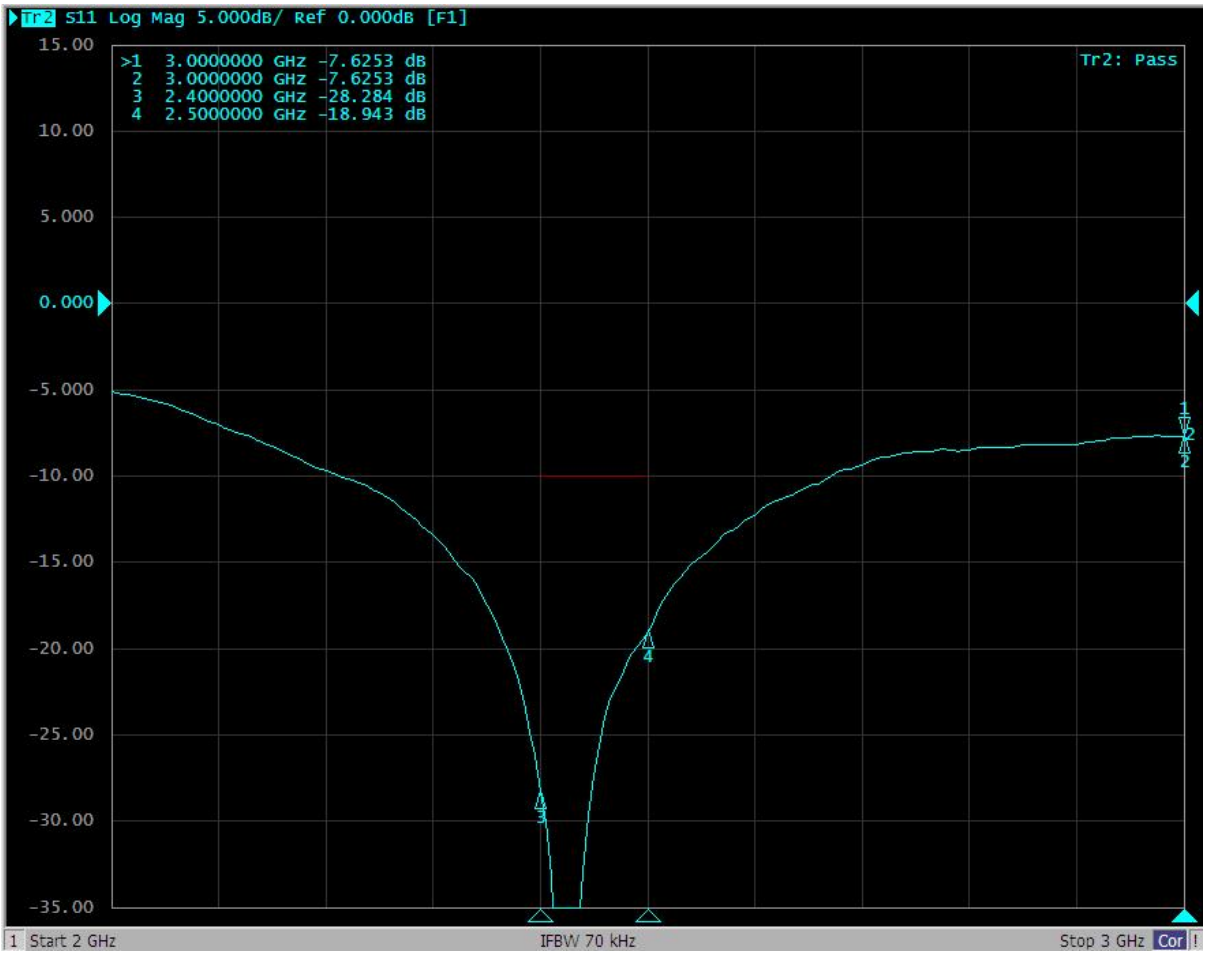
Test Setup





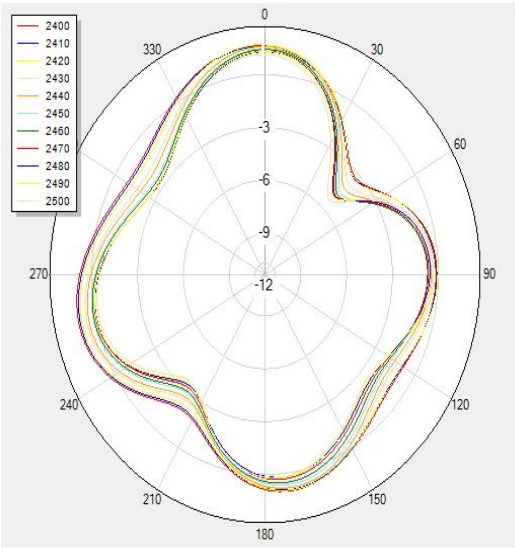

Z
X
Y

3. Antenna S-parameter test results

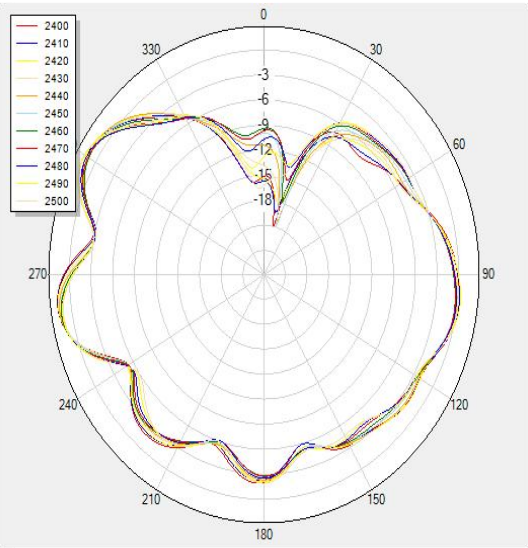


2D 图

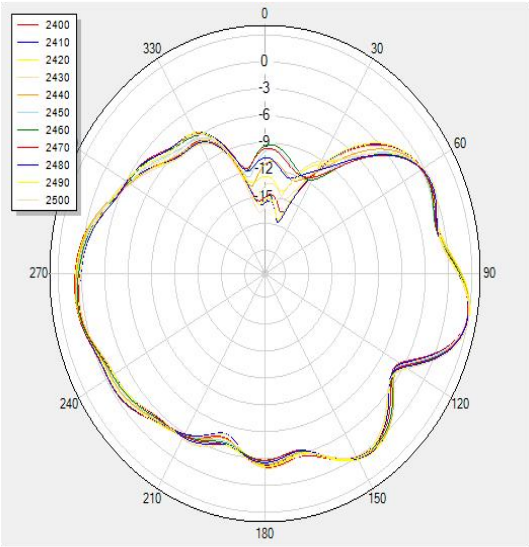
H Theta=90



V Phi=90

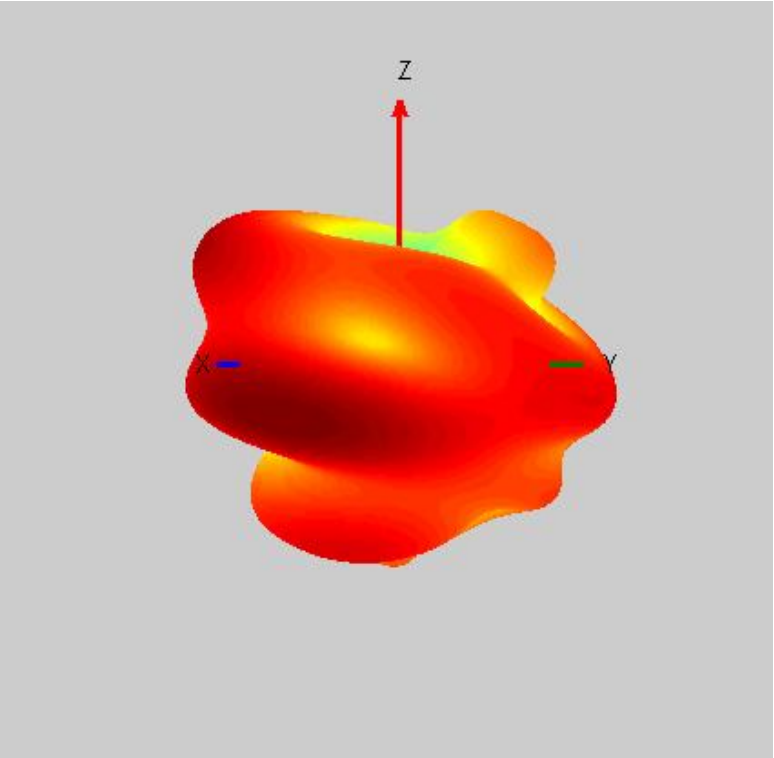


V Phi=0

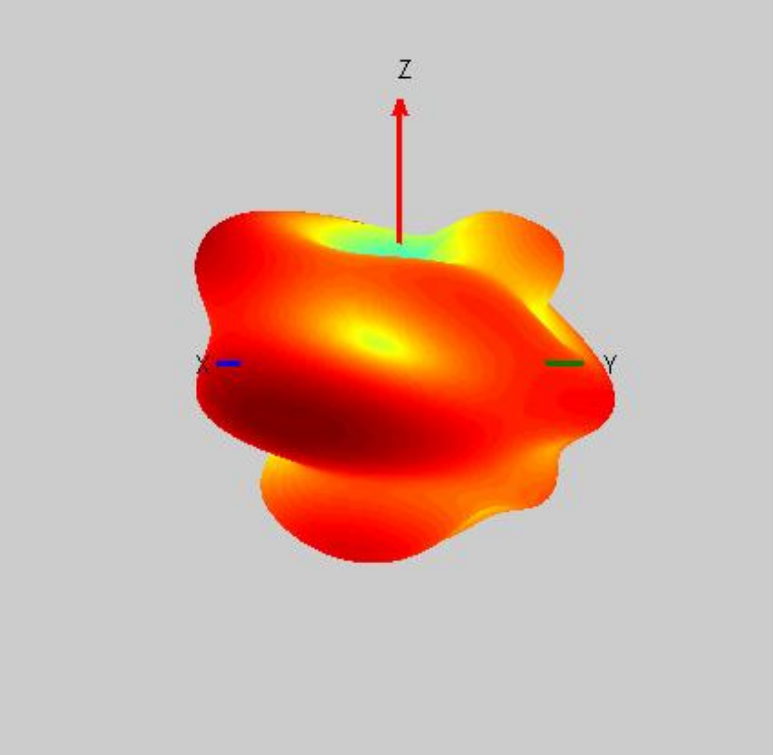


3D 图

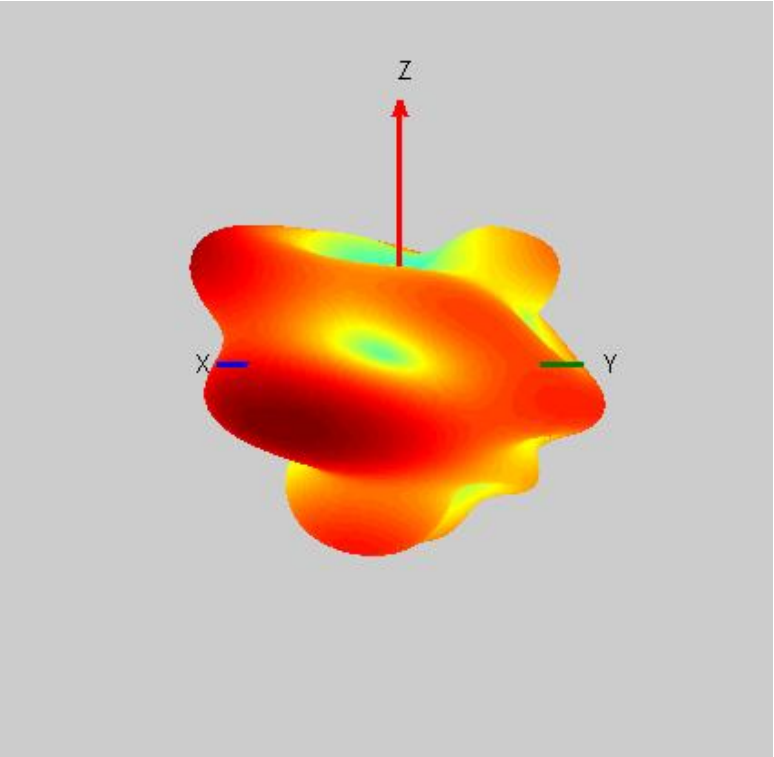
2400



2450



2500



Gain&Efficiency 增益和效率		
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
2400	3.24	71.62
2410	3.24	73.09
2420	3.35	71.54
2430	3.29	72.89
2440	3.33	73.37
2450	3.36	73.76
2460	3.21	72.88
2470	3.33	71.18
2480	3.29	73.41
2490	3.25	72.92
2500	3.37	73.52