承　　认　　书

客户名称 Customer: 共进

客户料号 Customer Material number: 8000000055521341

物料名称 Material name: 外置天线

物料型号 Material type: SSR-2402021

物料描述 Materialdescription: 铜管结构-5.8G L=175,1.37 蓝色, IPEX (BE58U)

版　　本 Edition: V0

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	2024-2-27

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

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Revised History

Date	Version	SSR No.	Revised Record
2024/2/27	1.00	SSR-2402021	● 1st released

Specification

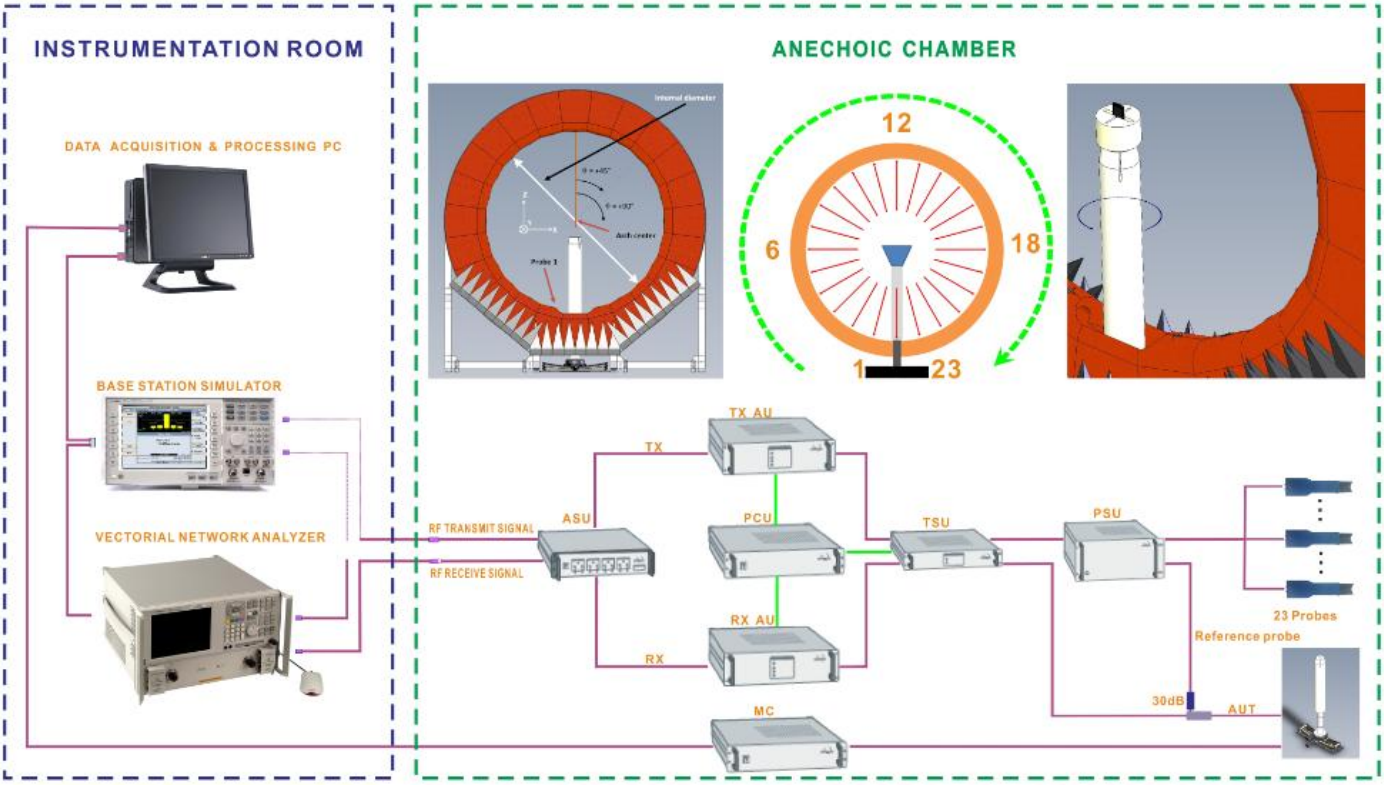
1. Antenna Electrical Properties:		
1.1	Frequency	5150-5850MHz
1.2	Impedance	50 ohm Nominal
1.3	VSWR	1.92:1 Max
1.4	Return Loss	-10 dB Max.
1.5	Radiation	Omni-directional
1.6	Polarization	Linear; Vertical
2. Physical Properties:		
2.1	Operating Temperature	-20~+65℃
2.2	Storage Temperature	-30~+75℃
2.3	Cable Length	175mm
2.4	Cable	1.37mm
2.5	Connector	MHF
2.8	Color	Black

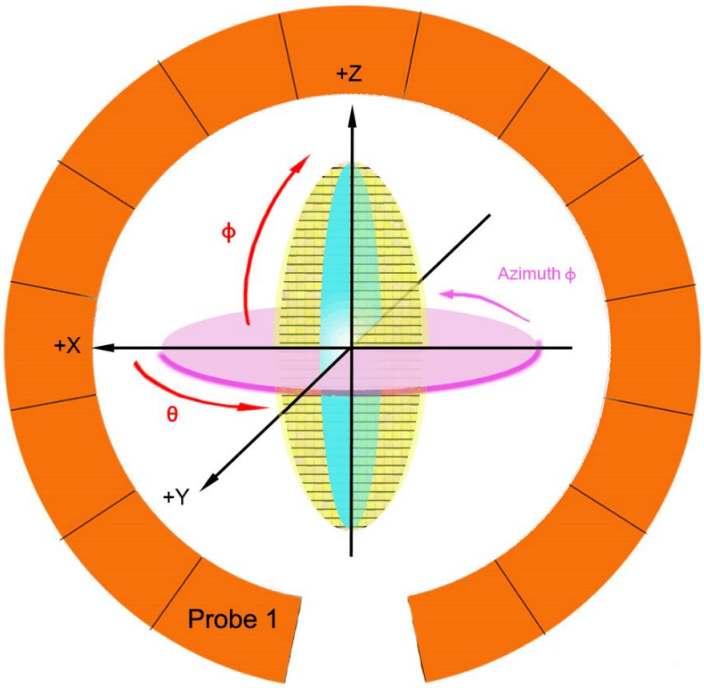
5. 装说明及图示

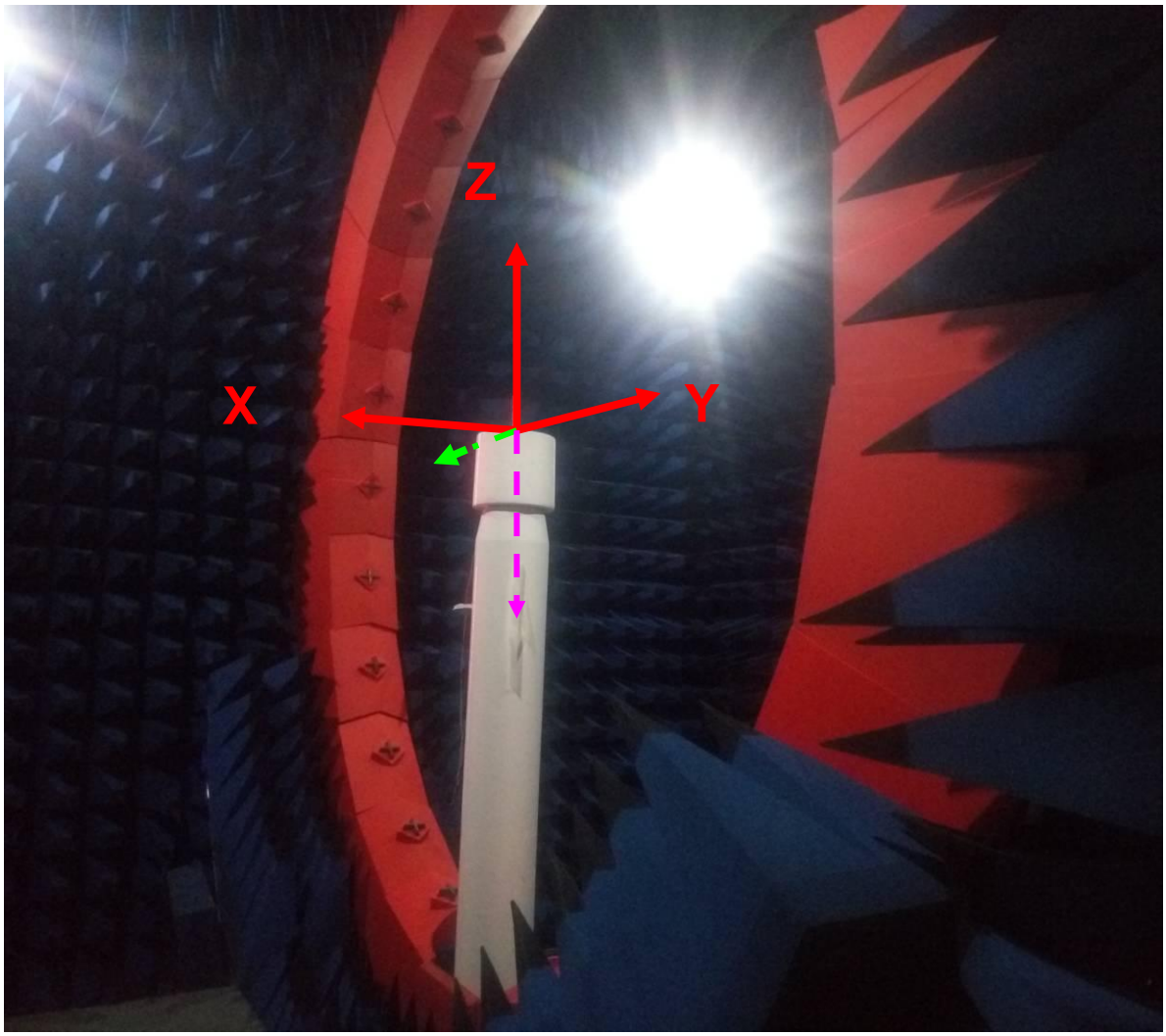
Test Results

1 Antenna

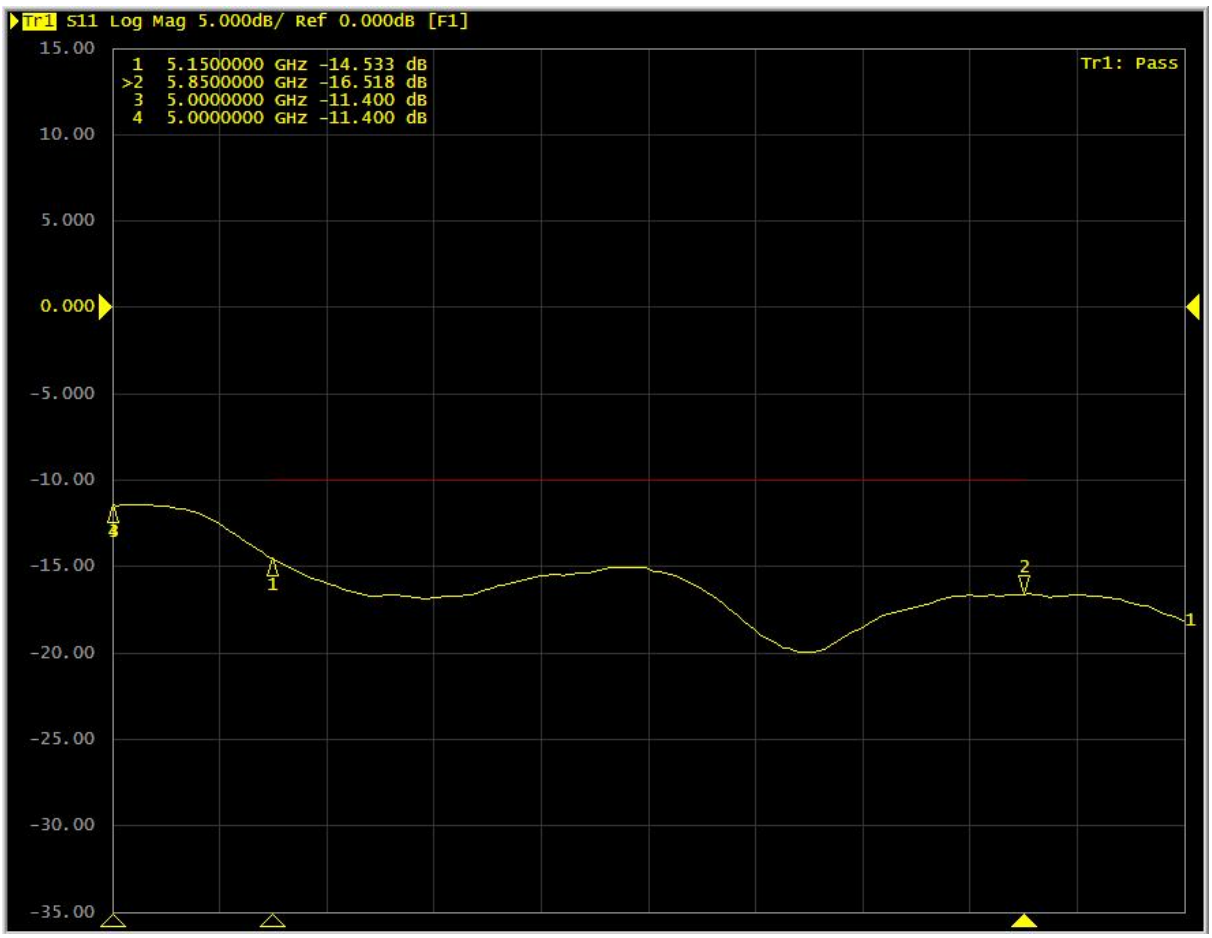
Test Setup





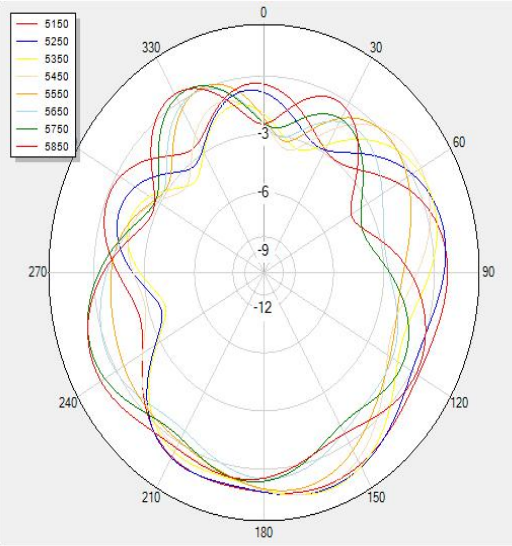

Z
X
Y

3. Antenna S-parameter test results

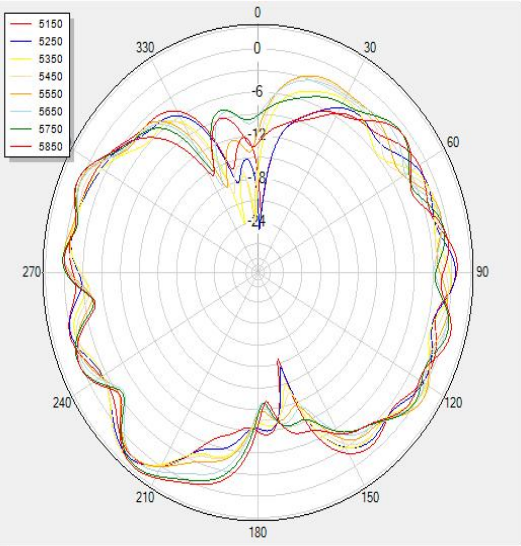


2D 图

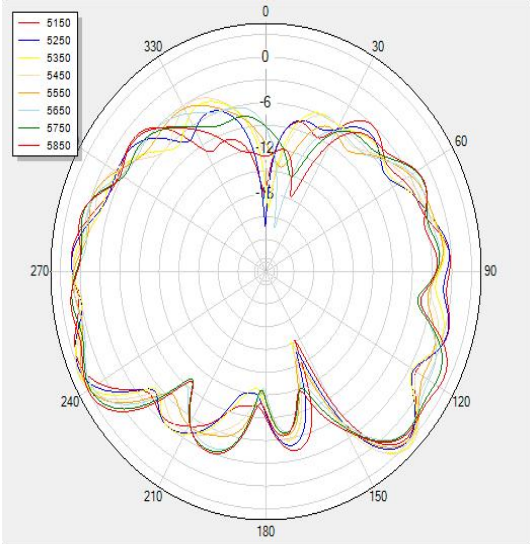
H Theta=90



V Phi=90

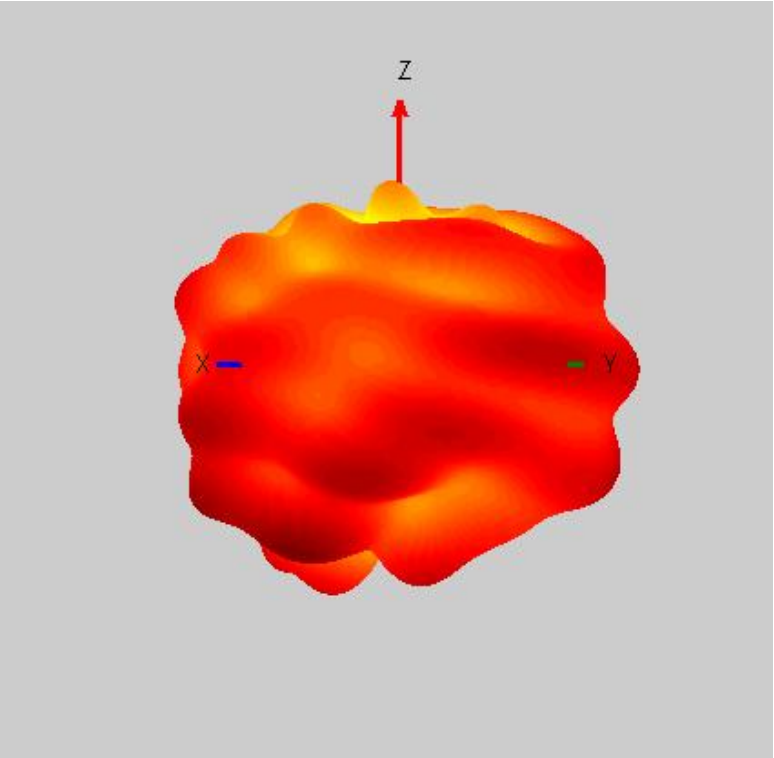


V Phi=0



3D 图

5150



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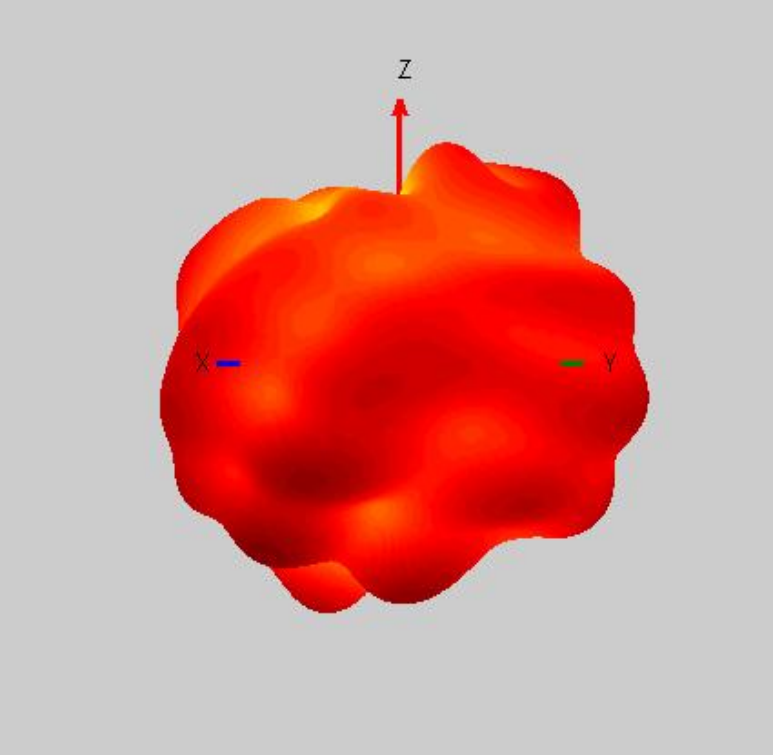

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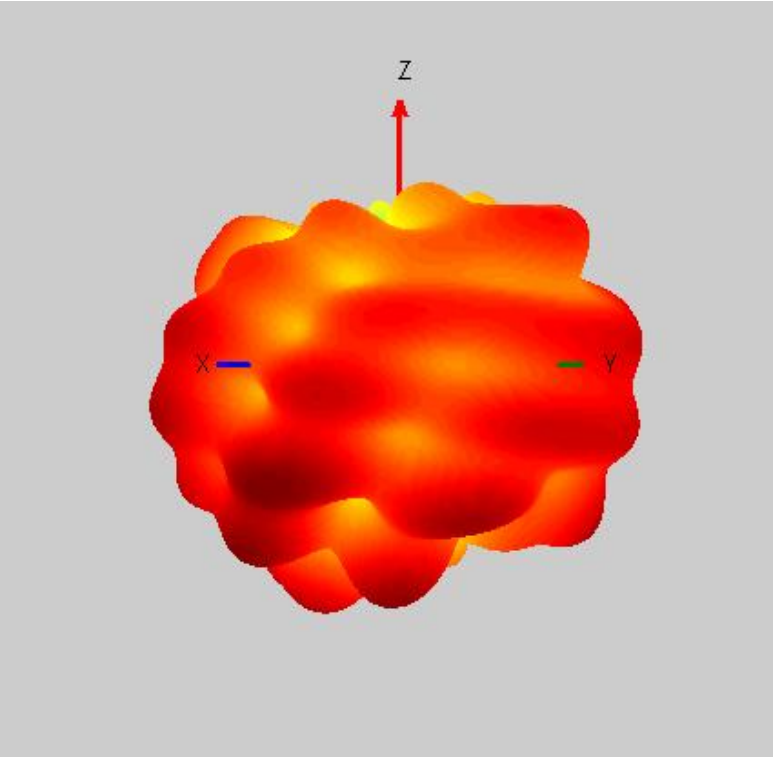

Gain&Efficiency 增益和效率		
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
5150	3.11	70.11
5250	3.05	71.19
5350	3.20	70.53
5450	3.19	71.11
5550	2.96	69.99
5650	3.09	69.55
5750	2.96	71.90
5850	3.10	72.35