承　　认　　书

客户名称 Customer: 共进

客户料号 Customer Material number: 8000000060681341

物料名称 Material name: 外置天线

物料型号 Material type: 400621-22904-01

版　　本 Edition: V2

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	2025-3-31

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
2024/10/8	1.00	SSR-2410001	● 1st released
2025/2/25	2.00	SSR-2410001	● 2st 外露线长由 100mm 修改为 120mm
2025/3/31	3.00	SSR-2410001	● 3st 外露线长由 120mm 修改为 140mm

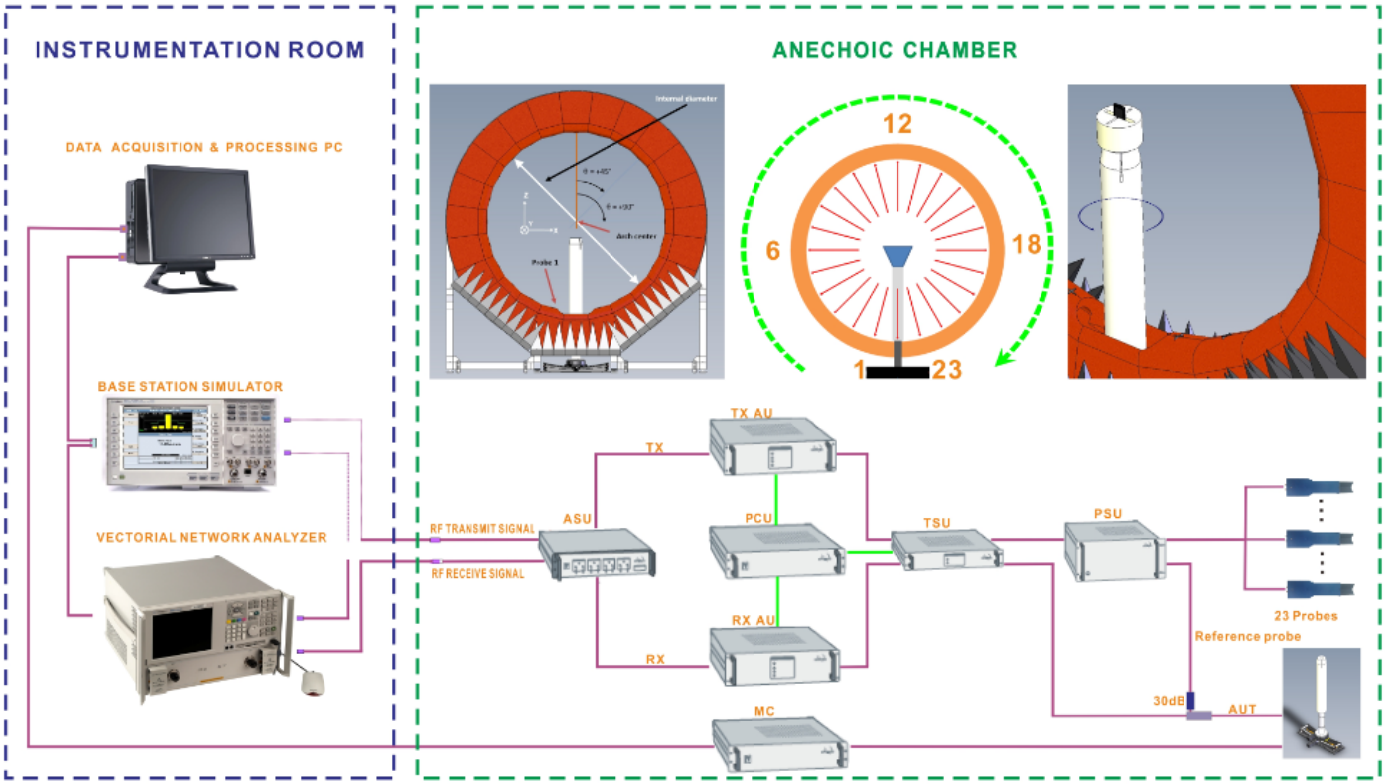
Specification

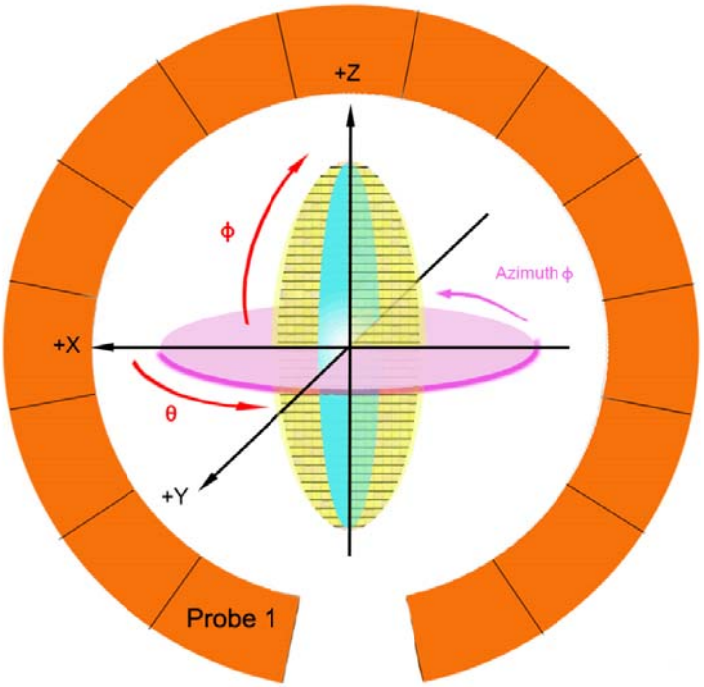
1. Antenna Electrical Properties:		
1.1	Frequency	2.4~2.5GHz/5. 15~5. 85 GHz
1.2	Impedance	50 ohm Nominal
1.3	VSWR	2.0:1 Max
1.4	Return Loss	-9.5 dB Min.
1.5	Polarization	Line
1.6	Gain	3dBi±0.5
2. Physical Properties:		
2.1	Operating Temperature	-30~+60℃
2.2	Storage Temperature	-30~+70℃
2.3	Color	Black
2.4	Cable Length	140mm
2.5	Cable	1.37 Coaxial Cable
2.6	Connector	MHF

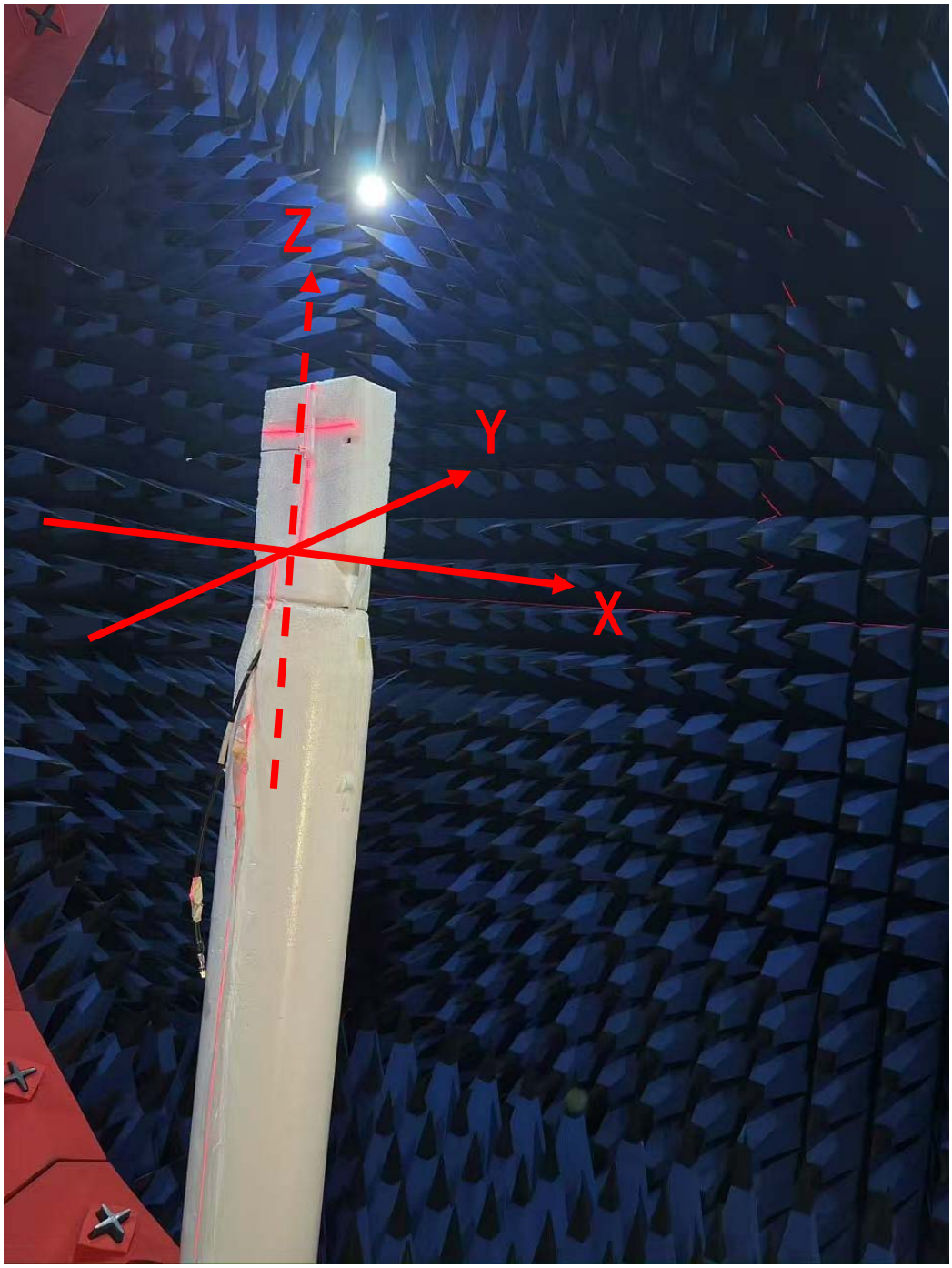
Test Results

1 Antenna

Test Setup



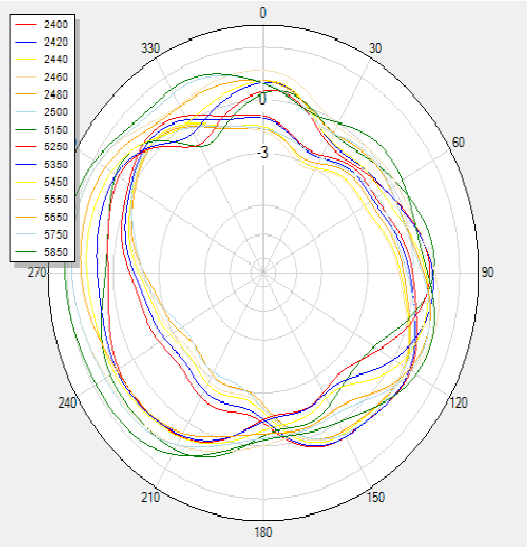



Z
Y
X

Radiation patterns test results (Passive Antenna)

2D

H Theta=90



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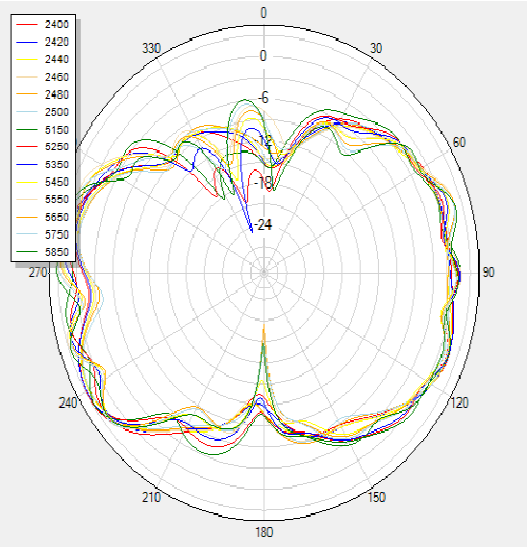

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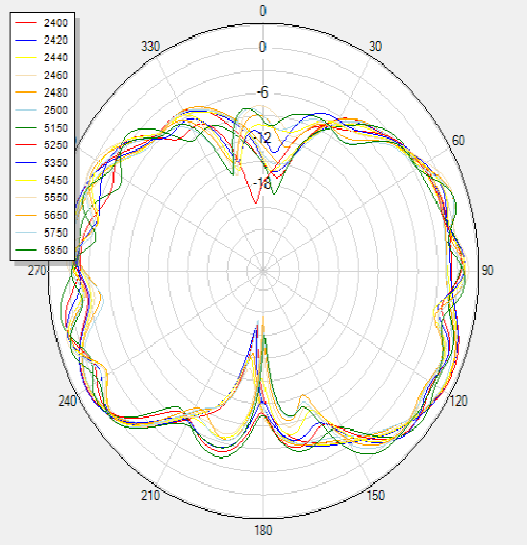
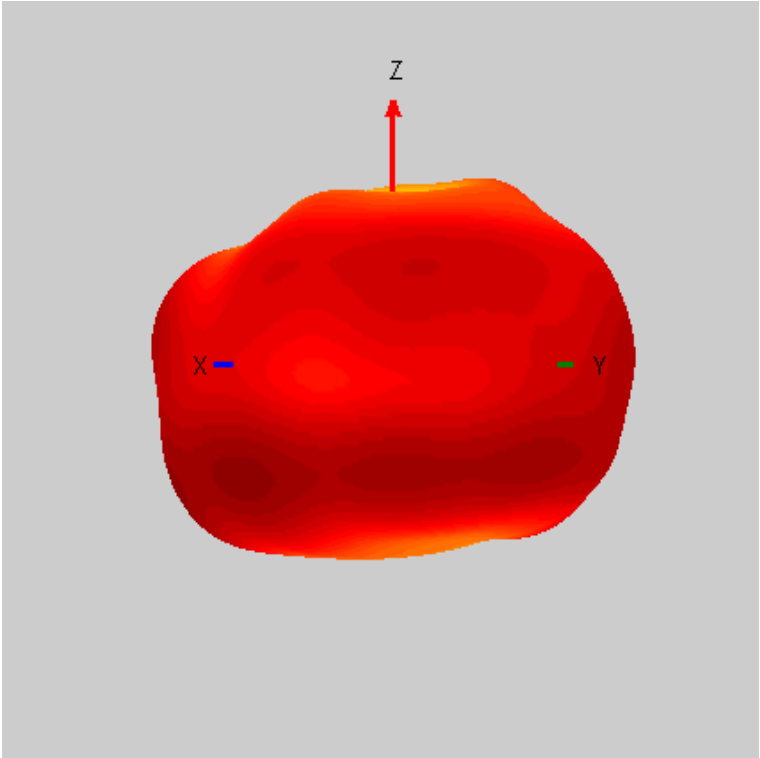


3D

2400



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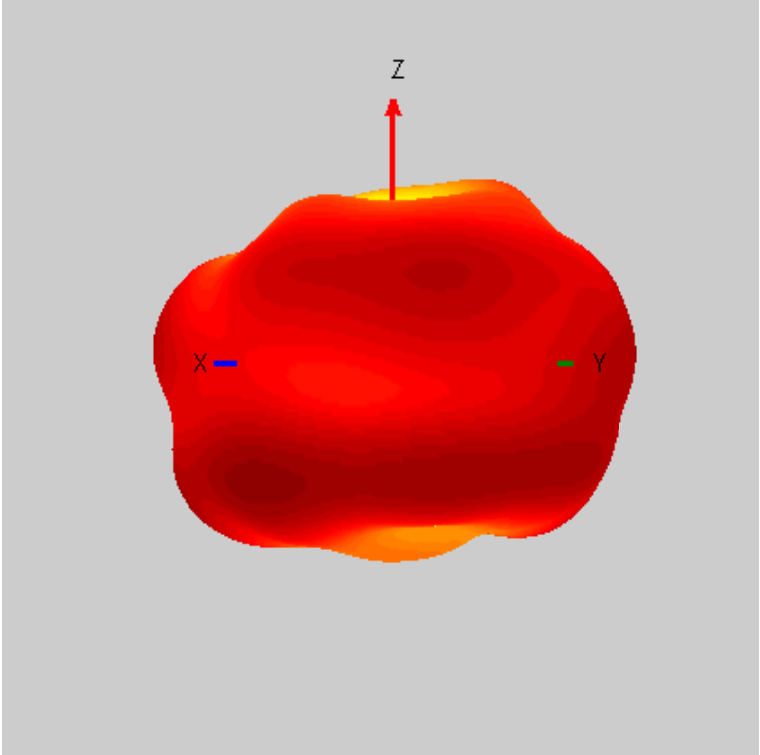

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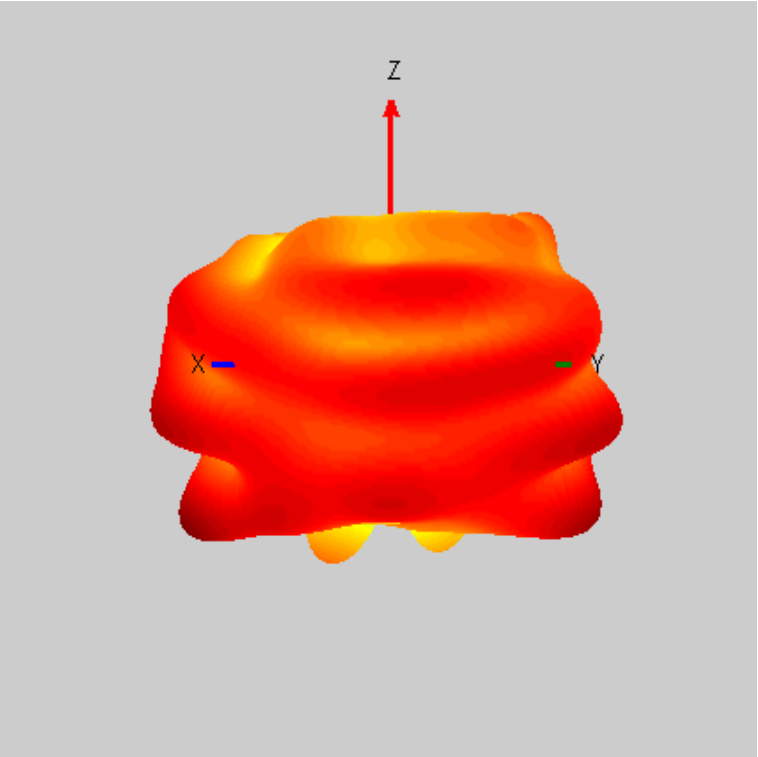

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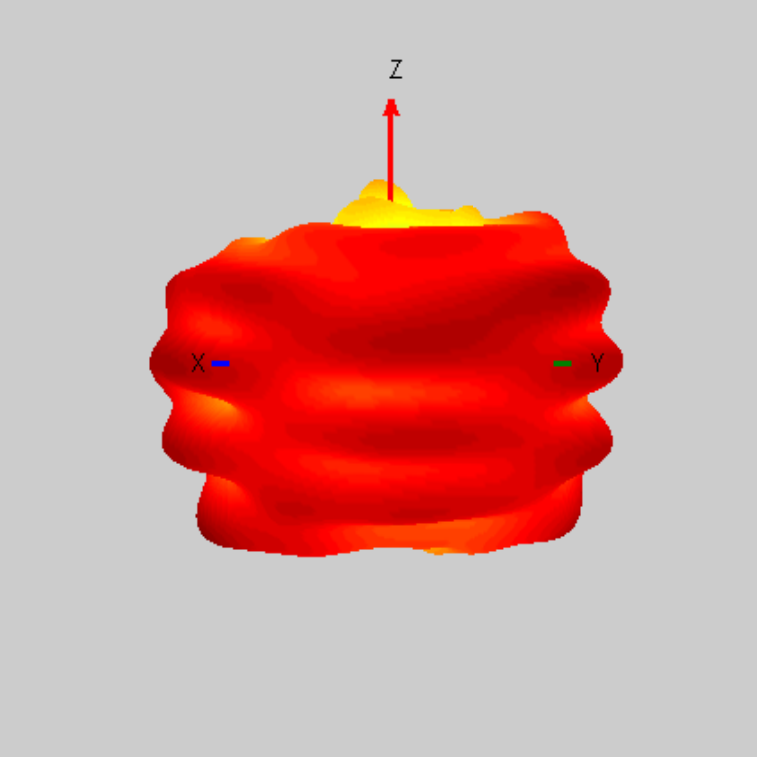

Gain&Efficiency 增益和效率		
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
2400	3.1	79.92
2420	3.13	78.04
2440	2.76	72.71
2460	2.88	71.31
2480	2.97	70.96
2500	2.84	69.14
5150	3.27	81.65
5250	3.17	75.10
5350	3.25	77.09
5450	3.09	75.30
5550	3.39	83.69
5650	2.95	74.78
5750	3.33	77.24
5850	3.38	79.91