



承 認 書

客戶名稱 Customer: 共進

客戶料號 Customer Material number: 8000000063651341

物料名稱 Material name: 外置天線

物料型號 Material type: SSR-2503030

物料描述 Material description: External Antenna, 3.37dBi, 5.8GHz, 50Ω
L=160mm, RF137, Black, Undetachable, with IPEX, Black, (Xinsheng)

版 本 Edition: V0

供 應 商 承 認 The supplier acknowledge	
工 程 Engineering	批 准 Approval
袁裕深	叶晔
盖章簽署 Signed	
日 期 Date	2025-3-18

供應商名稱 Supplier name: 東莞市新盛電子有限公司

Dongguan City Xinsheng Electronics Co.,Ltd

供應商地址 Supplier Address: 東莞市大嶺山鎮大塘朗管理區六村

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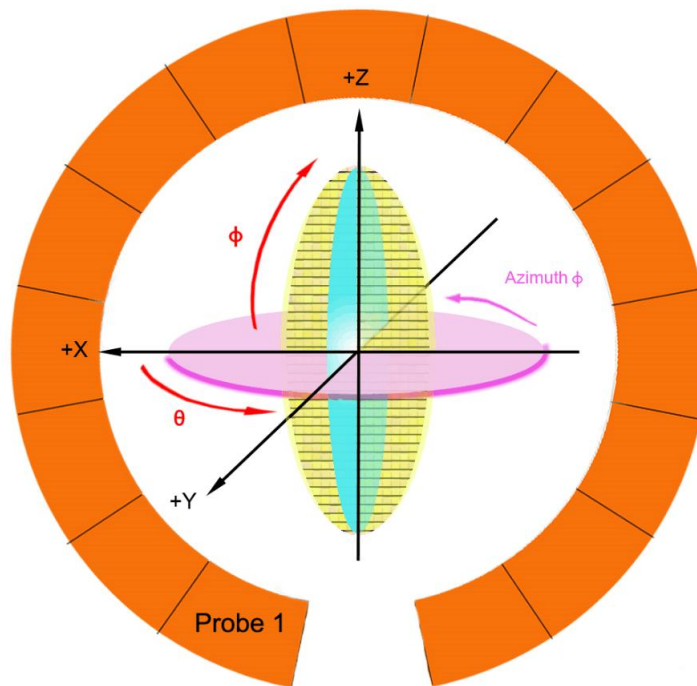
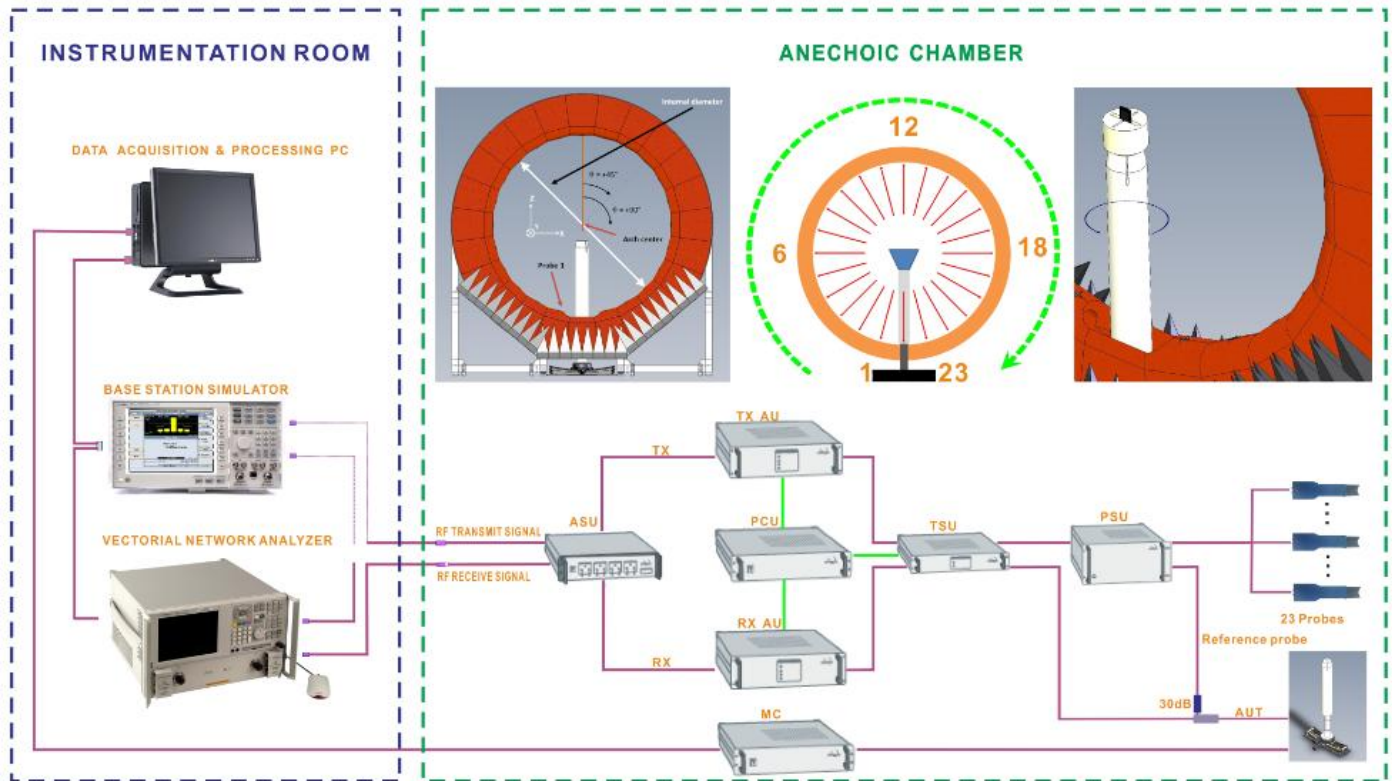
Specification

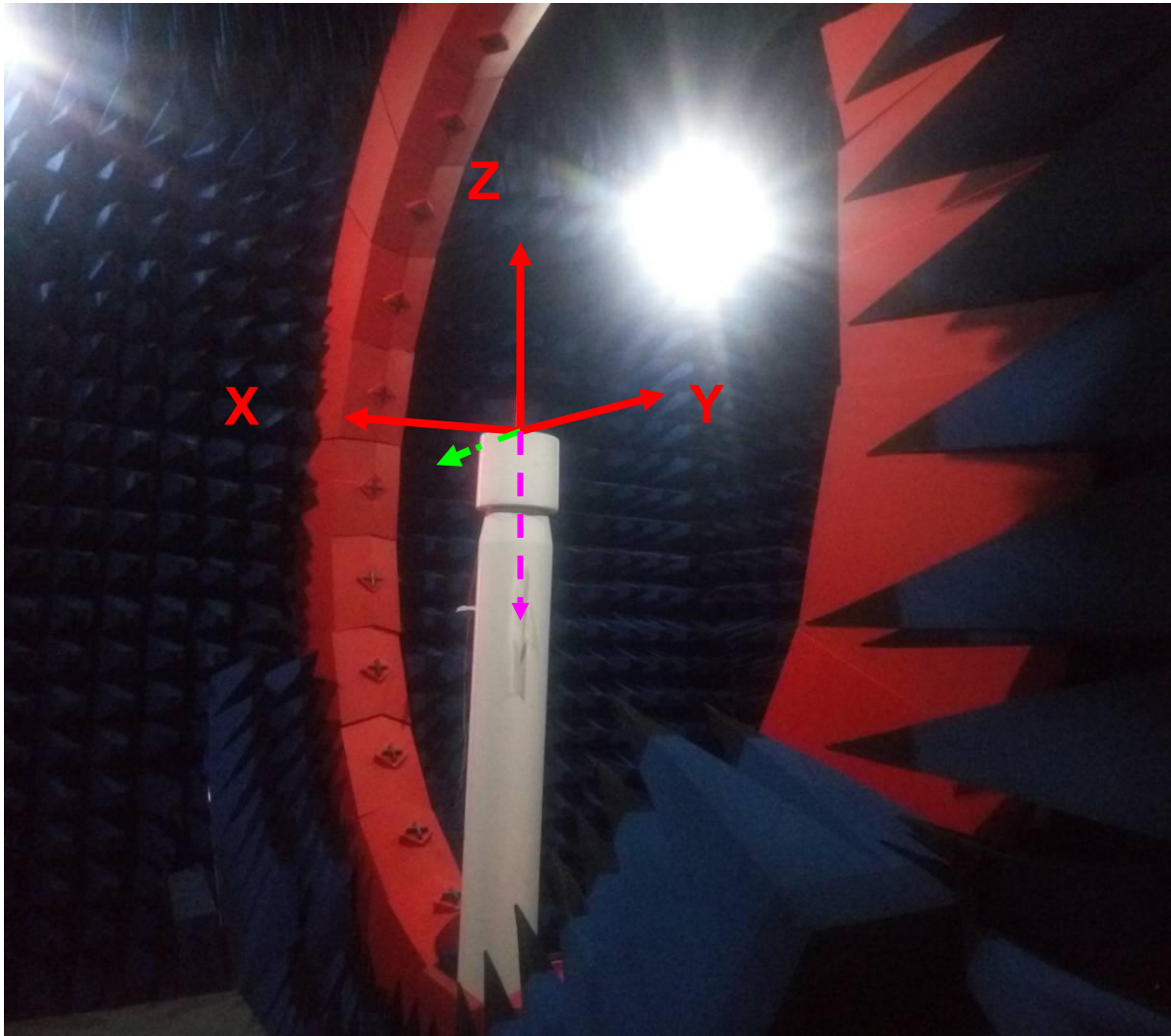
1.Antenna Electrical Properties:		
1.1	Frequency	5150-5850MHz
1.2	Impedance	50 ohm Nominal
1.3	VSWR	1.92:1 Max
1.4	Return Loss	-10 dB Max.
1.5	Radiation	Omni-directional
1.6	Polarization	Linear; Vertical
2. Physical Properties:		
2.1	Operating Temperature	-20~+65℃
2.2	Storage Temperature	-30~+75℃
2.3	Cable Length	160mm
2.4	Cable	1.37mm,黑色
2.5	Connector	MHF
2.8	Color	Black

Test Results

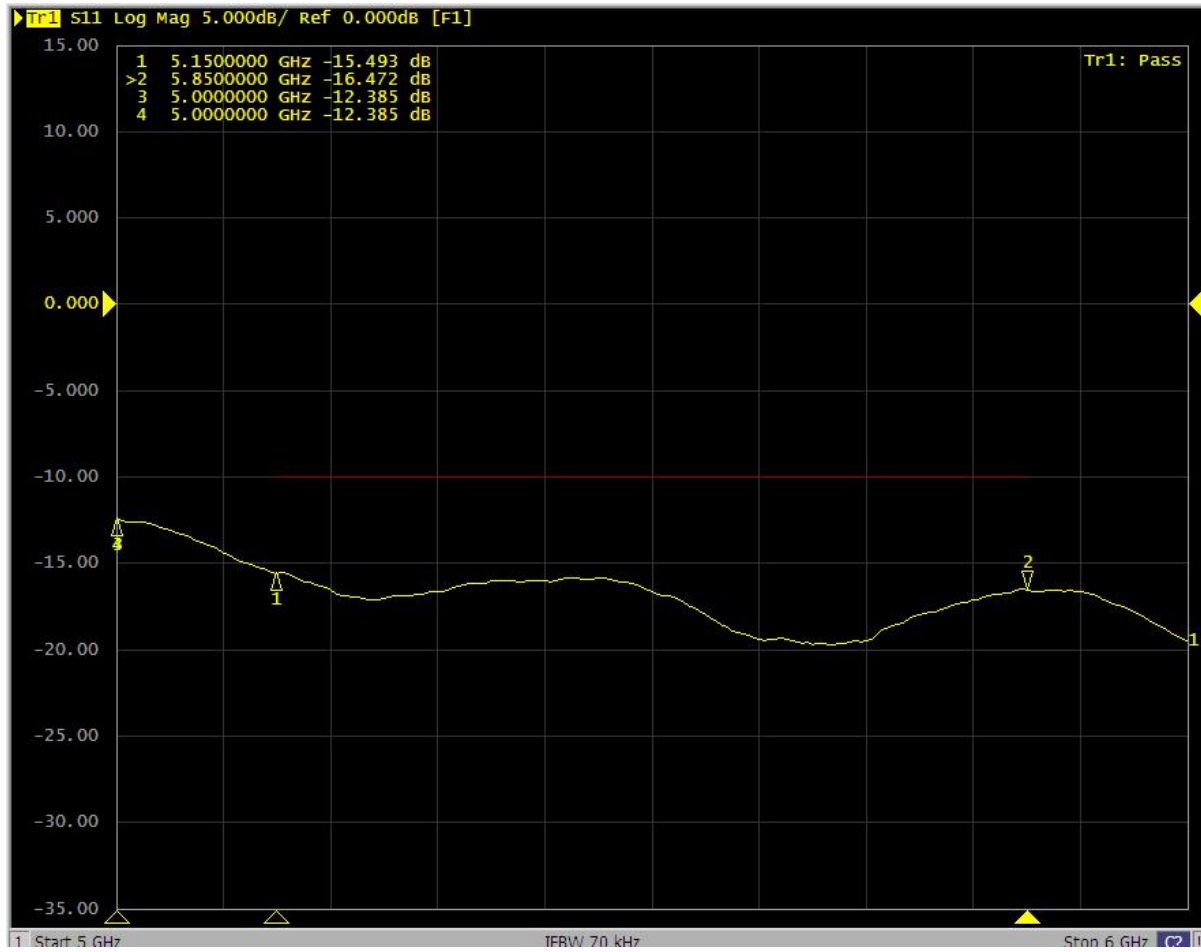
1 Antenna

Test Setup



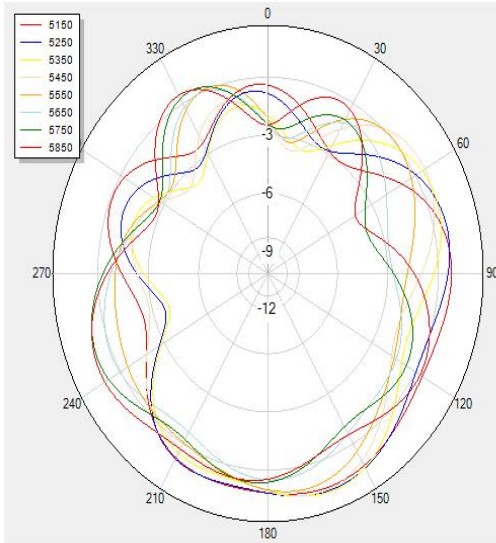


3. Antenna S-parameter test results

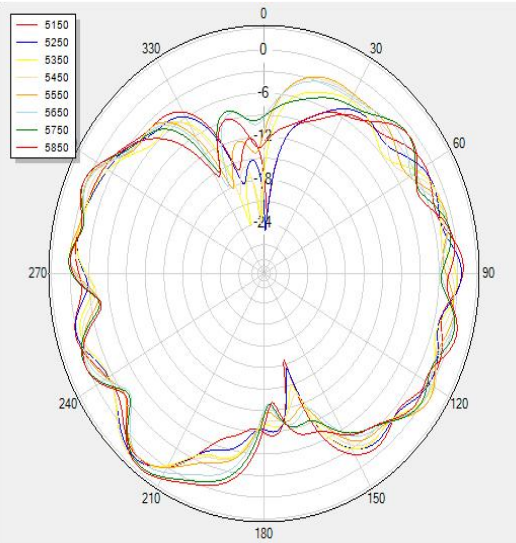


2D 图

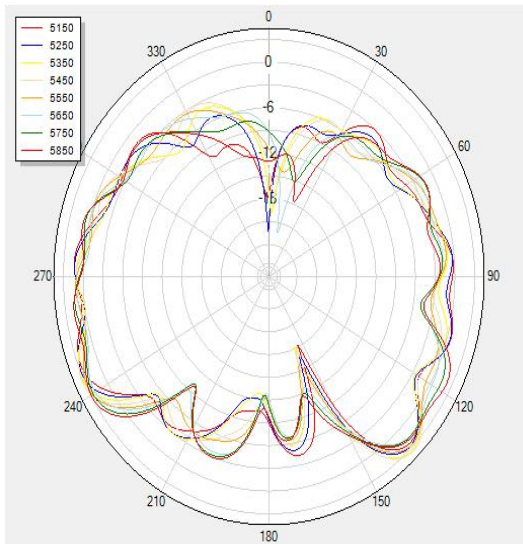
H Theta=90



V Phi=90

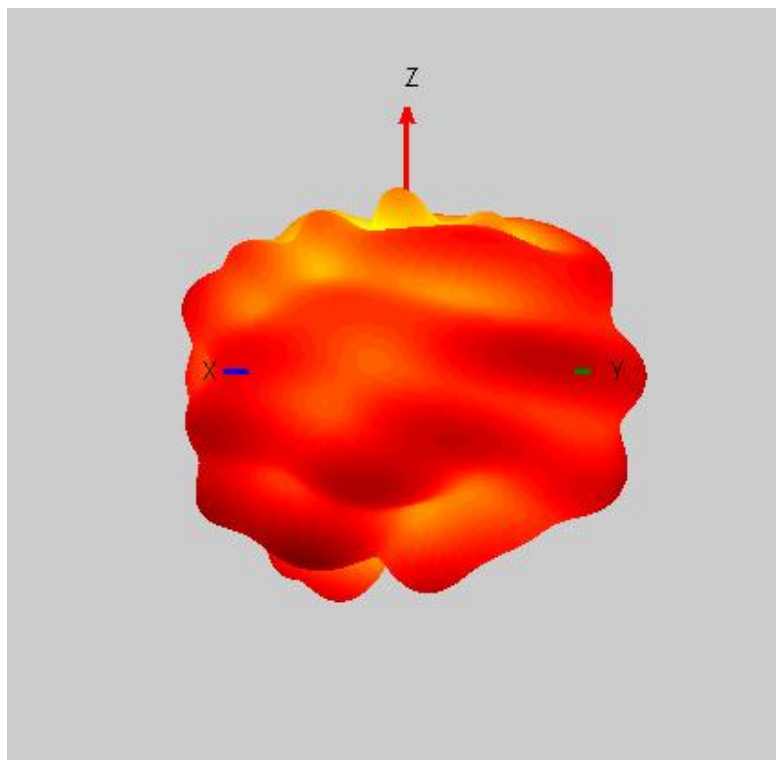


V Phi=0

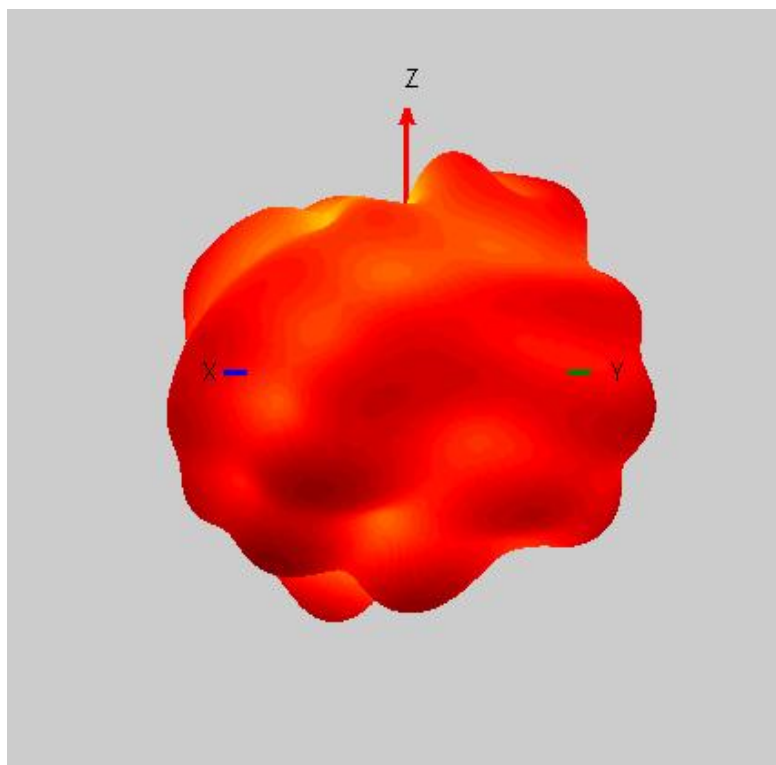


3D 图

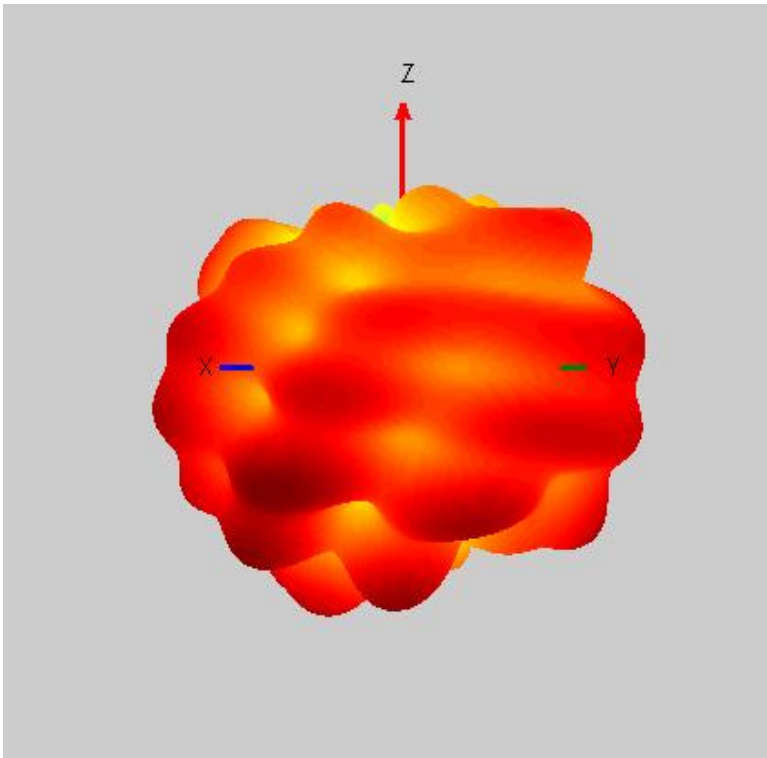
5150



5550



5850



Gain&Efficiency

增益和效率

frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(%)
5150	2.91	70.79
5250	3.03	68.00
5350	3.37	66.01
5450	3.26	69.08
5550	2.86	69.33
5650	2.99	68.94
5750	2.86	70.98
5850	3.08	73.61