



东莞市中易达电子科技有限公司

Dongguan ZYD Electronic Technology Co., Ltd.

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

客 户 料 号

CUSTOMER P/N:

产 品 料 号

PRODUCT P/N: Z2S60W2D22A

产 品 名 称

PRODUCT NAME: WIFI2400/5800MHz 天线

规格描述: Z2S60W2D22A/2.4-5.8G/5dBi 外置白色小胖子天

Description: 线+注塑大 SMA 公头母针

版本

REV: A 版

出厂签章

S I G N	核 准 APPROVED BY	审 核 CHECKED BY	制 作 DRAMN

客户签章

S I G N	品 质 QE	开 发 R&D	工 程 PE



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一、 版本履历表（Revision History）：

版本号 Reversion	修订页面 Revision page	变更日期 Change date	修订人 Revised by	修订原因及内容 Reason and content for revision	备注 Remarks
A	-	2025.10.16	EVIEN	初版发行	

说明：
本规格书原则上有效期为 1 年；
若任一方需要修改时，需经双方协商一致，修改后方可执行；
在本规格书有效期满后，双方均未提出修改要求时，则本规格书有效期顺延 1 年。



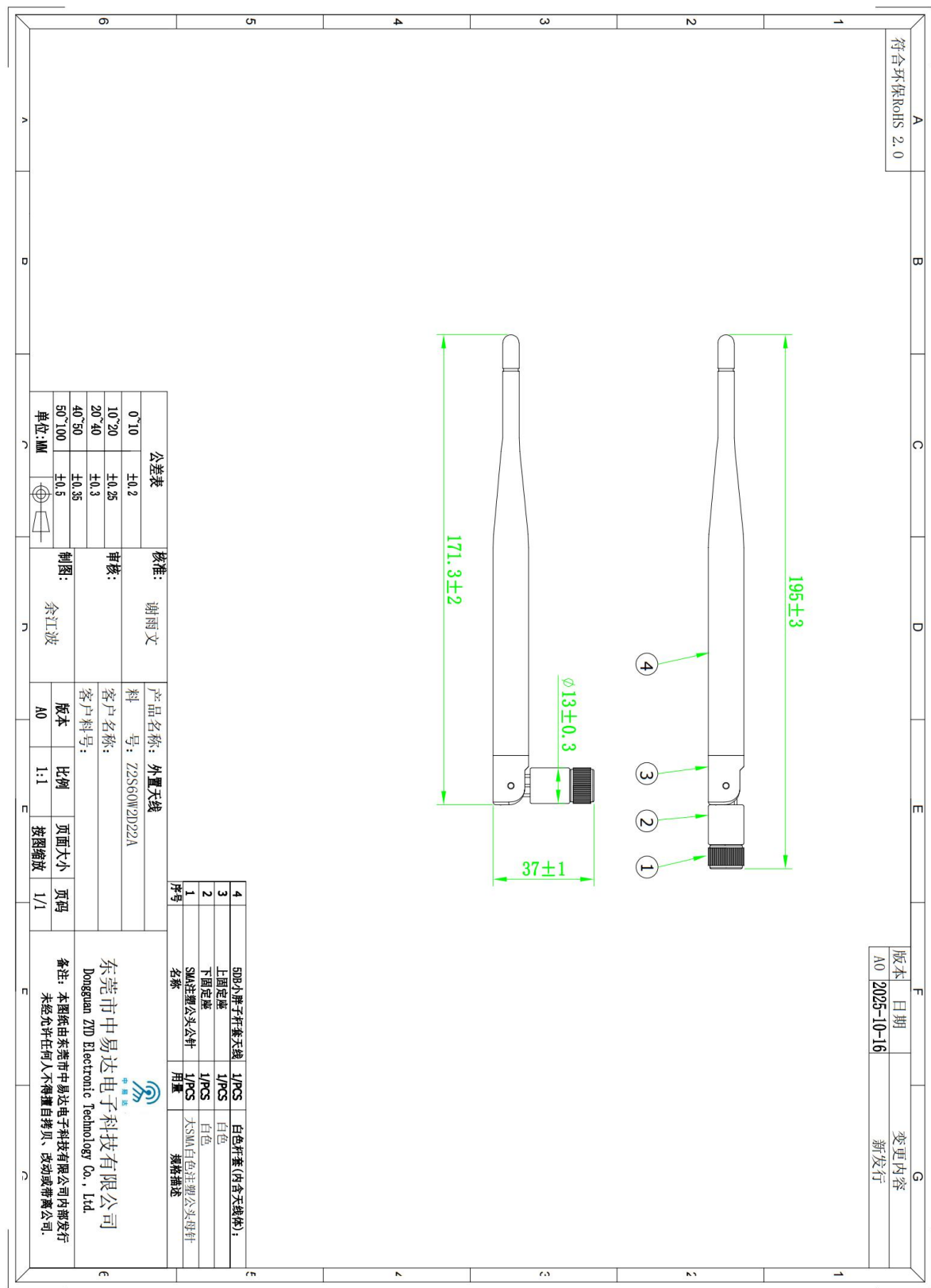
二、规格表 (Specification Table) :

产品主要技术参数

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400-2500/ 5150-5850	Frequency Range (MHZ)	2400-2500/ 5150-5850
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	5 ± 1	Gain(dBi)	5 ± 1
输出电压 驻波比	≤ 2.0	VSWR	≤ 2.0
极化方式	线极化	Polarization	Linear
方向性	全向性	Radiation	Omni-directional
物理性能		Physical Properties	
天线材料	白色杆套	Antenna cover	White
连接方式	SMA 公头母针	Connector Type	SMA
外露线长	无	Exposed length	empty
工作温度	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$	Operating Temp	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
保存温度	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$	Storage Temp	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$



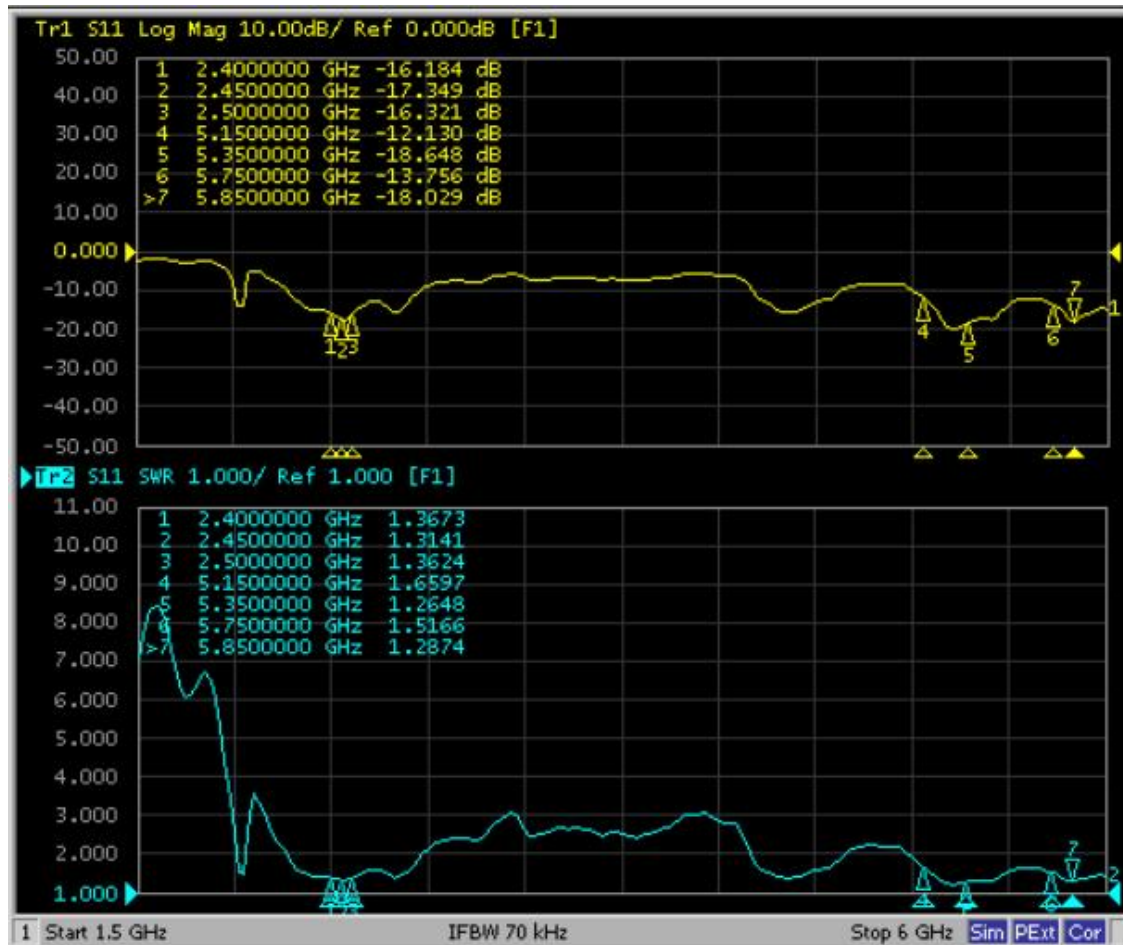
三、成品图（Product drawing）：





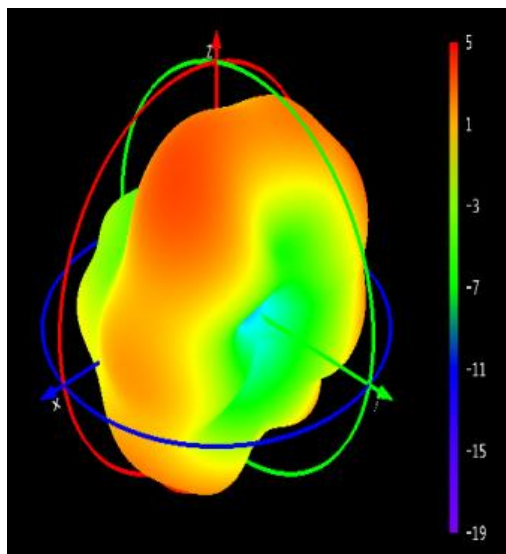
四、测试报告 (Test report) :

5.1: 网络分析仪测试报告

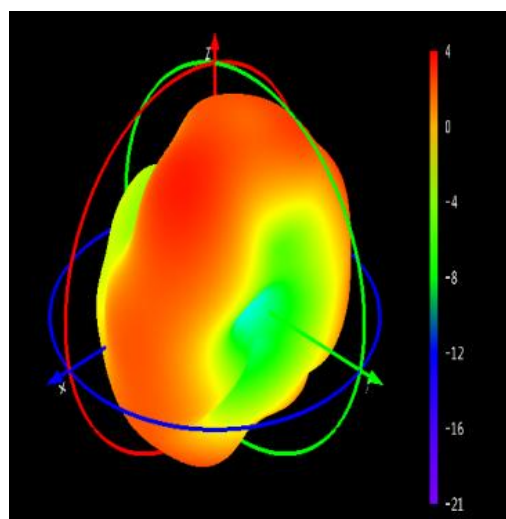




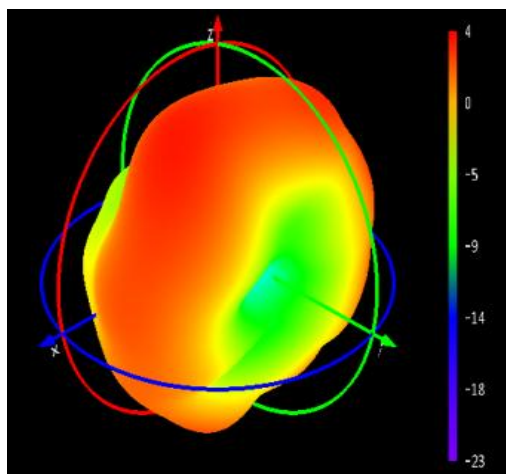
5.2: 暗室 2D、3DRaditation Pattern



2400MHz



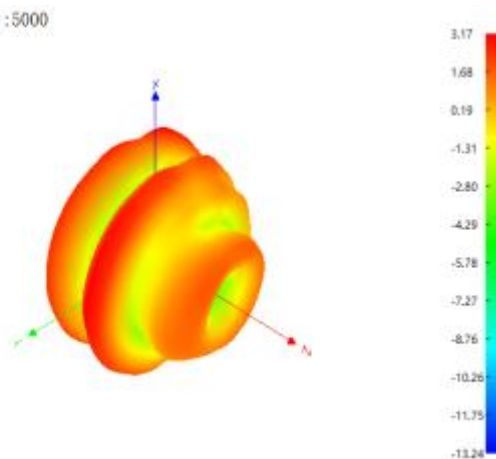
2450MHz



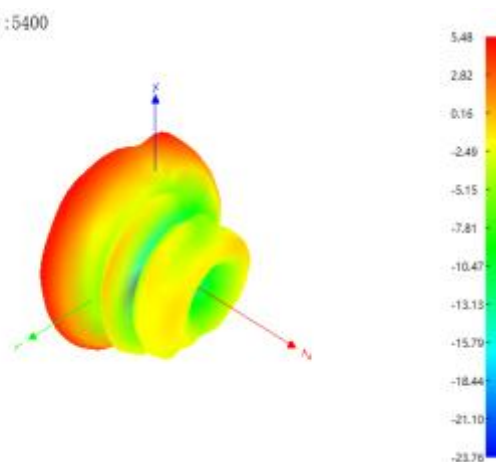
2500MHz



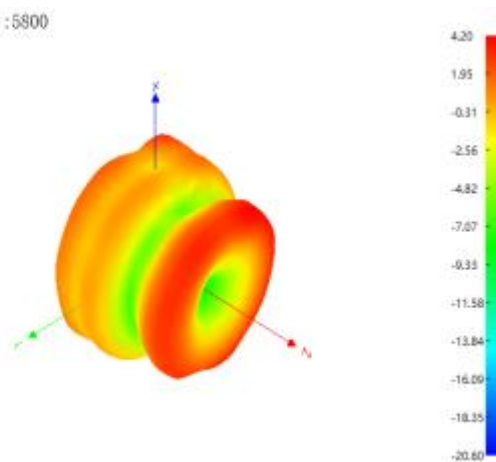
Frequency (MHz) : 5000



Frequency (MHz) : 5400

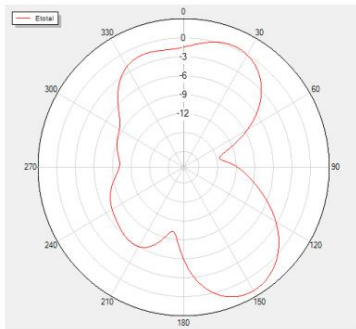


Frequency (MHz) : 5800

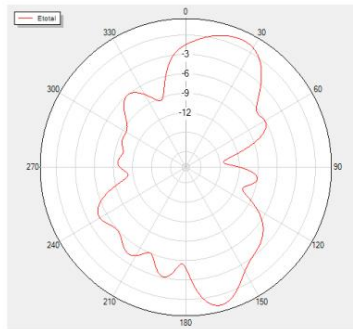




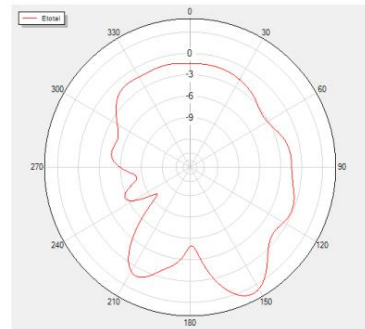
Theta=90 Freq=2400MHz



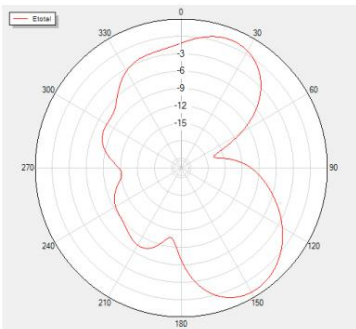
Phi=90 Freq=2400MHz



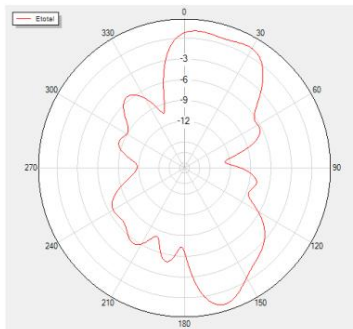
Phi=0 Freq=2400MHz



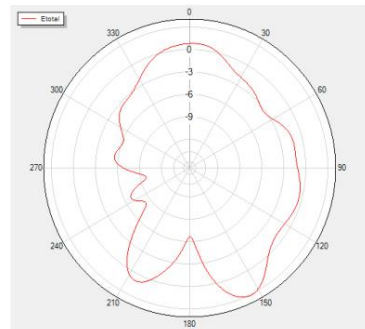
Theta=90 Freq=2450MHz



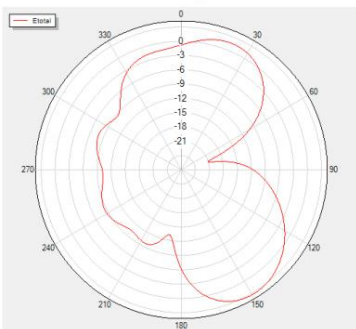
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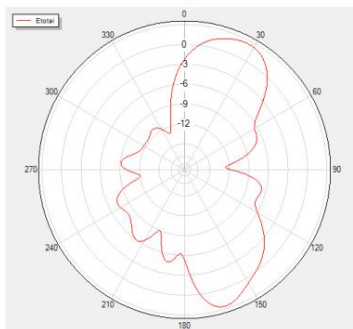
Phi=0 Freq=2450MHz



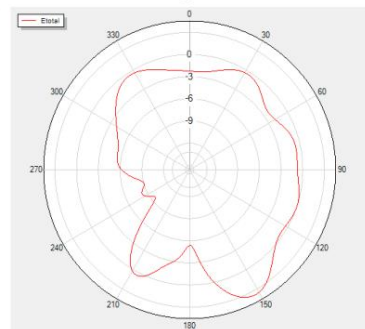
Theta=90 Freq=2500MHz



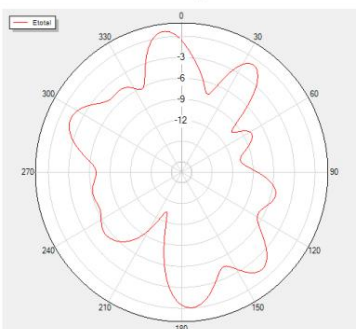
Phi=90 Freq=2500MHz



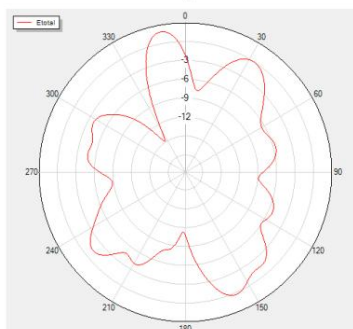
Phi=0 Freq=2500MHz



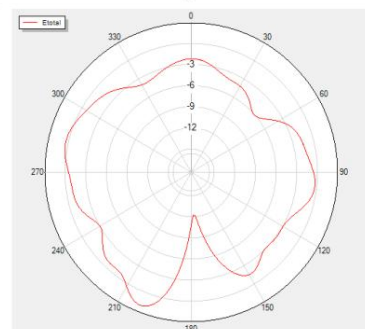
Theta=90 Freq=5150MHz

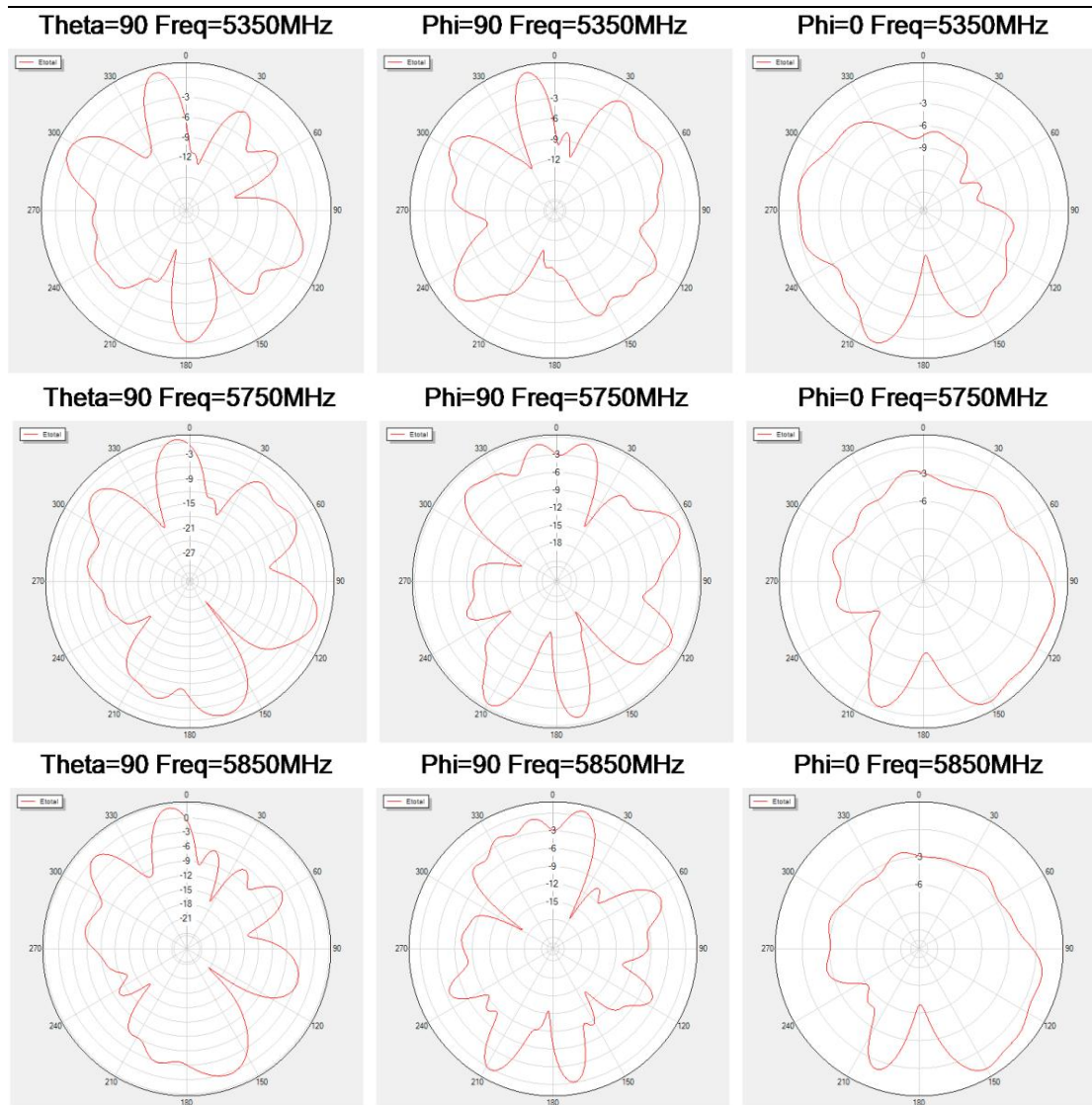


Phi=90 Freq=5150MHz



Phi=0 Freq=5150MHz





5.3: 天线增益与效率

5.3: Antenna Gain and Efficiency

ANT		
频率 Fre. (MHZ)	增益 Gain (dBi)	效率 Eff. (%)
2400	4.68	73.89
2450	4.23	67.46
2500	4.16	77.12
5150	4.25	67.34
5350	5.27	69.26
5750	5.36	68.35
5850	4.75	62.63



五、产品实物图 (Product drawing)



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