承认书

Specification for Approval

客户名称：Customer:	厦门鹿匠科技股份有限公司 Xiamen Lujiang Technology Co., Ltd.
规格描述：Part name:	L12 板载天线 L12 onboard antenna
料号：Part No. :	
客户料号:Customer Part No. :	

供方名称：Customer:	厦门吉赫通信有限公司 Xiamen Jihe Telecommunication Co., Ltd.
供方地址：Address:	厦门市软件园三期诚毅北大街 55 号 301-1 单元 Unit 301-1, No. 55, Chengyi North Street, Phase III of Xiamen Software Park

客户承认印 **Customer Approved By**		
审核 APPROVAL	主管 CHIEF	工程师 DESIGN

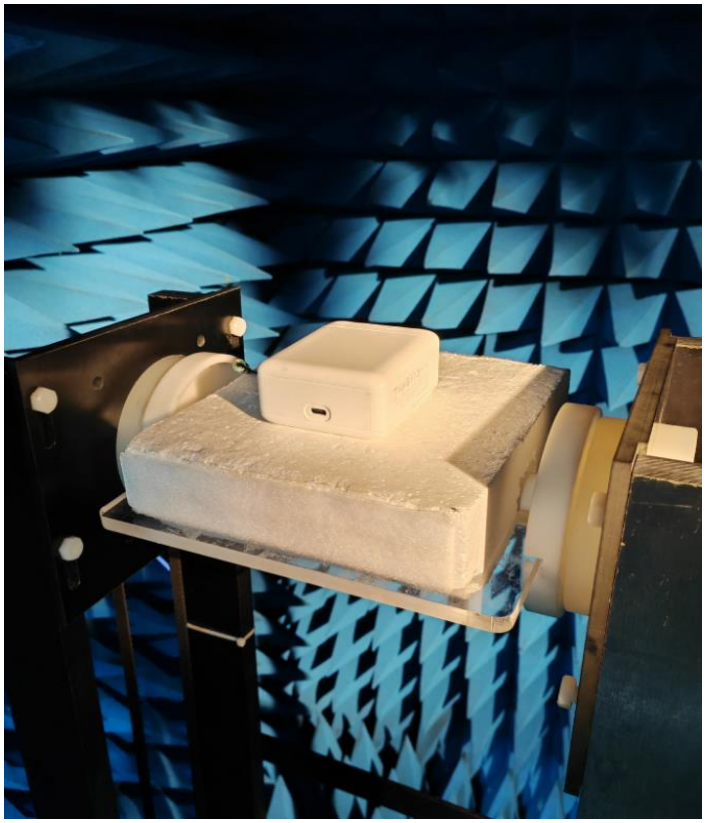
供方确认 **Supplier Confirmed**		
	主管 CHIEF	工程师 DESIGN
	Jack	Lee
	2024. 12. 12	2024. 12. 12

目录

变更记录 **Update of the Records**			
版本/Rev	拟制/Formulate	日期/Date	内容/Content
01	Lee	2024.12.12	新订承认书

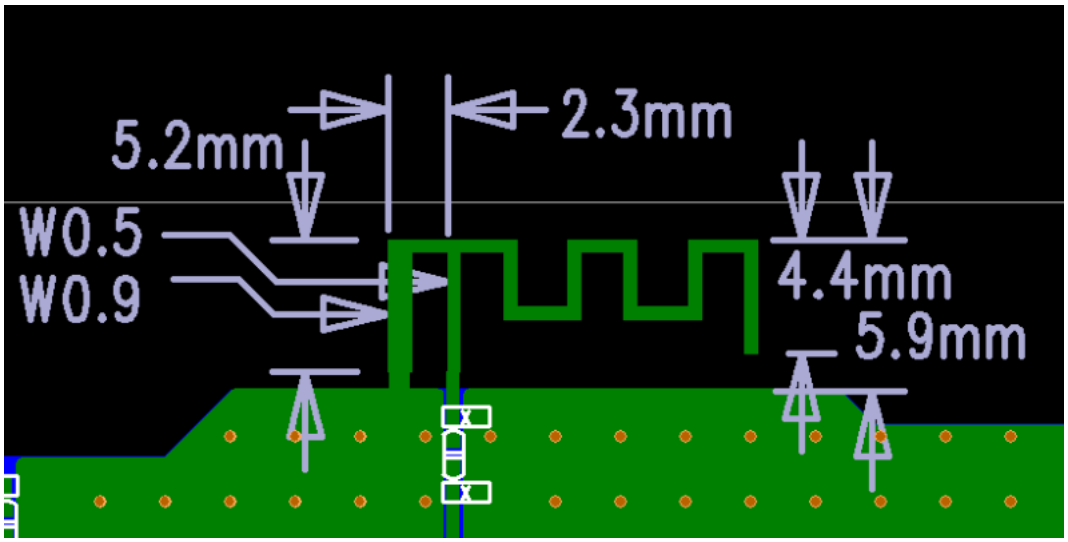
客户产品图

Customer's product drawing



天线形式

Antenna form



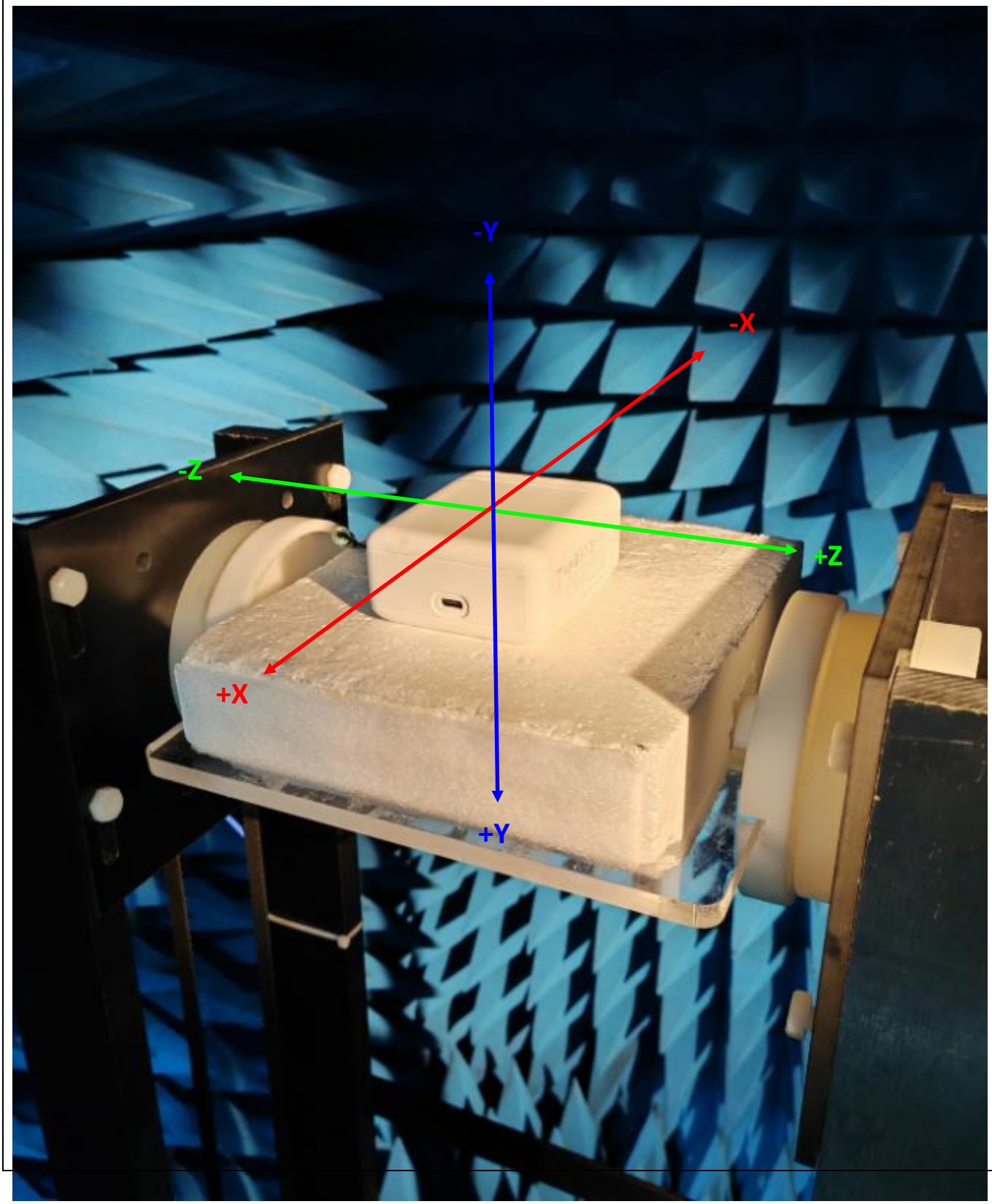
天线特性

Antenna characteristics

产 品 类 型 / product type	antenna
DESCRIPTION	VALUE
Frequency Range（工作频段）	2300~2540 MHz
V.S.W.R(电压驻波比**)**	对比样品波型（空测） Comparison of sample waveforms (air
Impedance（特性阻抗）	50Ω
Gain（增益）	-10～1.6 dBi
Radiation（方向性）	Omni-directional
Radiating element	1/4 Wave Helical
Polarization（线化方式）	Linear Vertical
Admitted power（功率）	2W
Connector（接头型号）	conduction
Operating temp（工作温度）	-40℃~+85℃

OTA 暗室图

OTA Anechoic Chamber Diagram

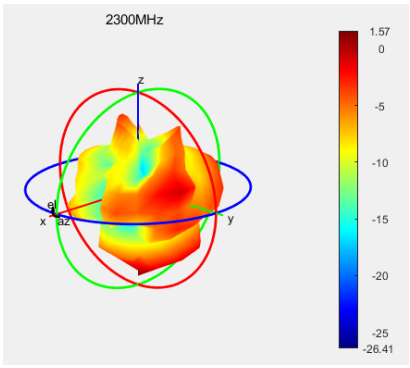


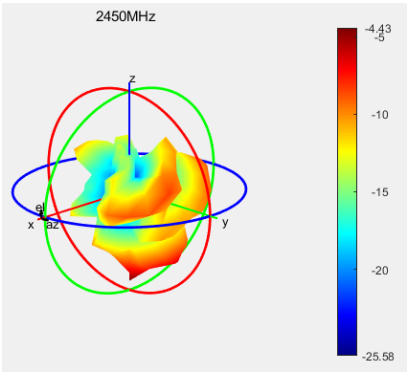
发射效率、增益报告(efficiency and gain report)

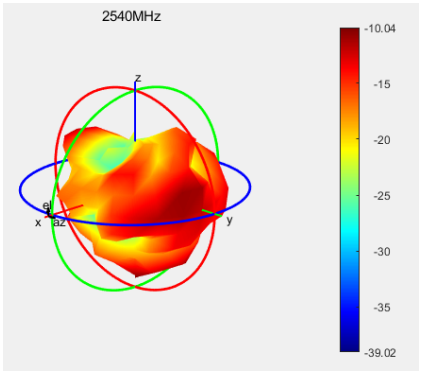
FREQUENCY(MHZ)	EFFICIENCY(%)	GAIN(dBi)
2300	21.87%	1.57
2310	20.16%	1.47
2320	18.31%	0.72
2330	20.93%	1.54
2340	23.19%	1.65
2350	20.98%	1.35
2360	17.70%	0.05
2370	15.28%	-0.10
2380	13.64%	-1.21
2390	12.73%	-0.89
2400	11.67%	-1.54
2410	11.09%	-1.48
2420	8.76%	-2.42
2430	8.60%	-2.36
2440	5.72%	-3.95
2450	5.05%	-4.43
2460	4.82%	-4.61
2470	3.91%	-5.71
2480	3.48%	-6.15
2490	3.53%	-6.48
2500	2.27%	-8.10
2510	2.42%	-8.40
2520	2.14%	-9.00
2530	1.77%	-10.13

2540	1.98%	-10.03

方向图、苹果图(Directional and 3D diagram)







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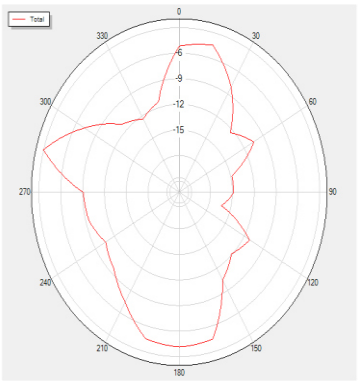

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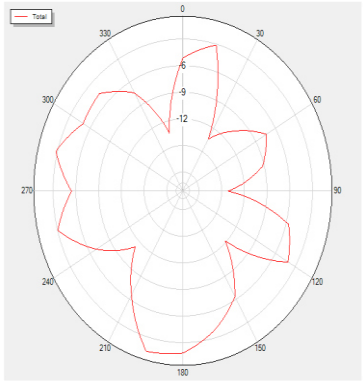

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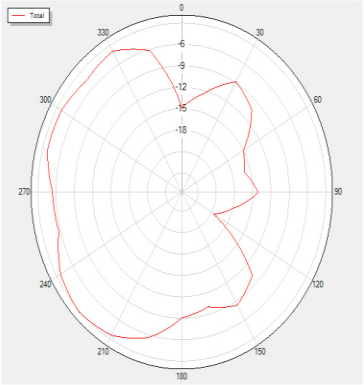

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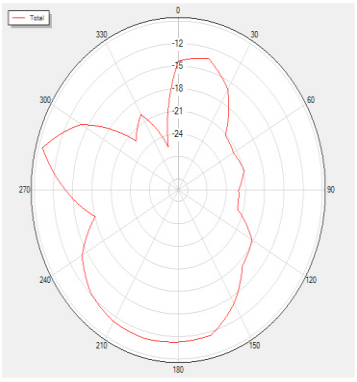

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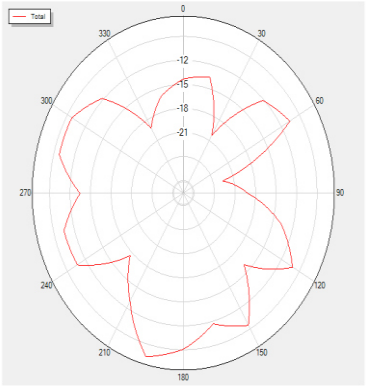

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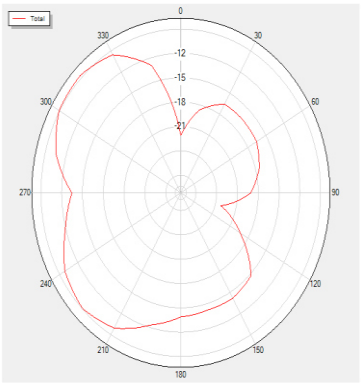

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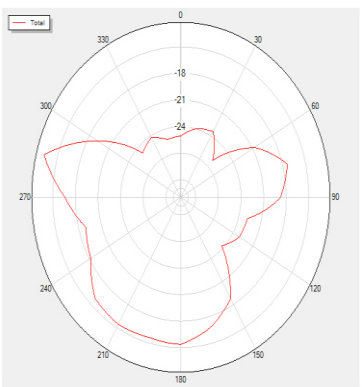

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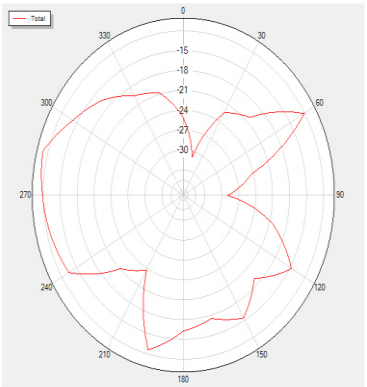

2540T90 Total