APPROVAL SHEET

承认书

CUSTOMER NAME 客户名称	RZ LIGHTING CO LTD
CUSTOMER P/N 客户料号	2.4G
PART NAME 品　　名	2.4G Onboard antenna
P/ N 料　　号	2.4G
APPROVAL REV. 版　　次	A0
DELIVERY DATE 送样日期	2022-01－10
PREPARED BY 承　办	
CHECKED BY 审　核	
APPROVED BY 核　准	

Customer Approved 客　户　承　认		
Prepared By 承　办	Checked By 审　核	Approved By 核　准

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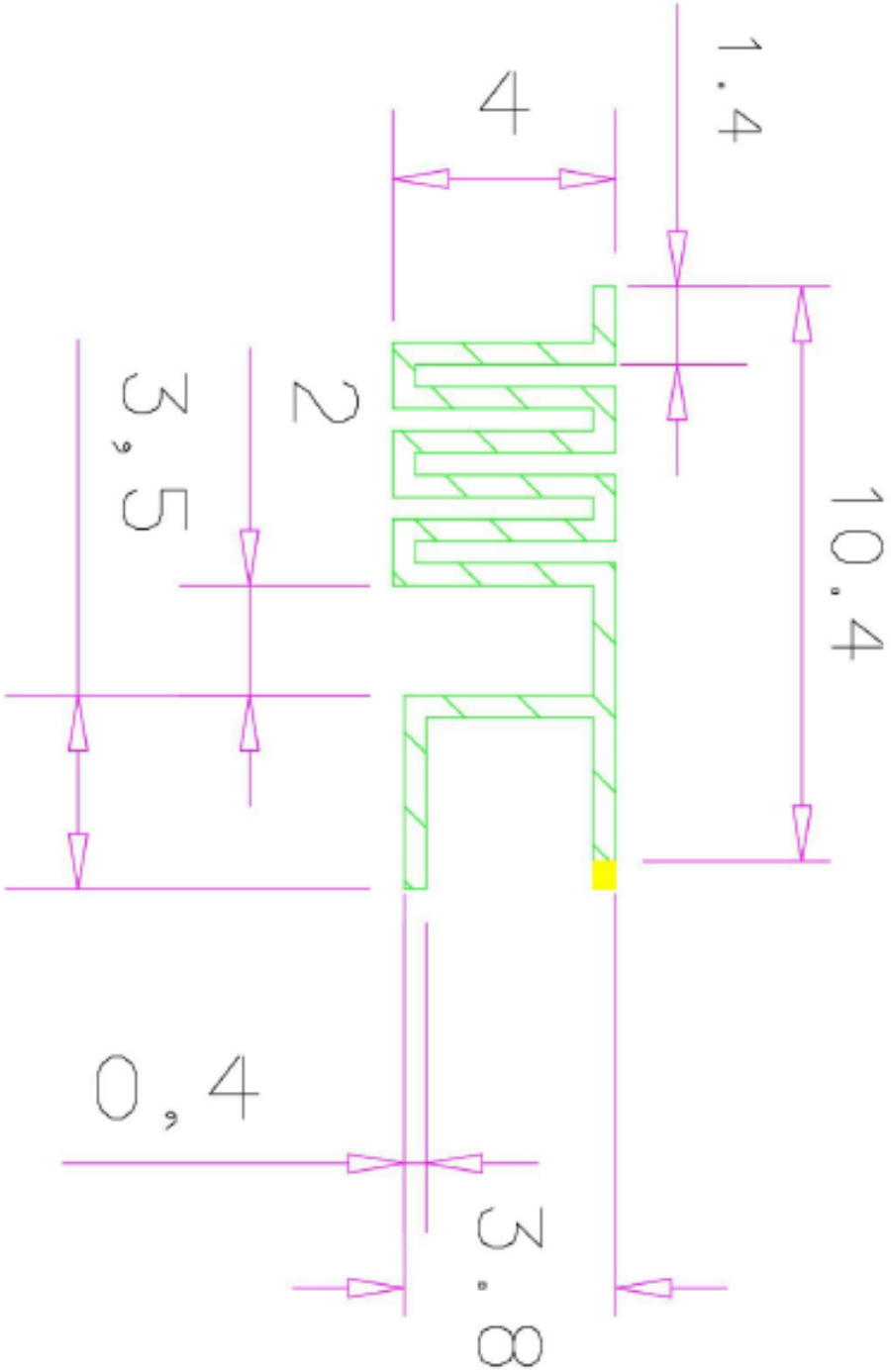
phone : 0755-27810060　　Fax : 0755-27810057　　Web : www.szsyjc.com

Antenna plan:

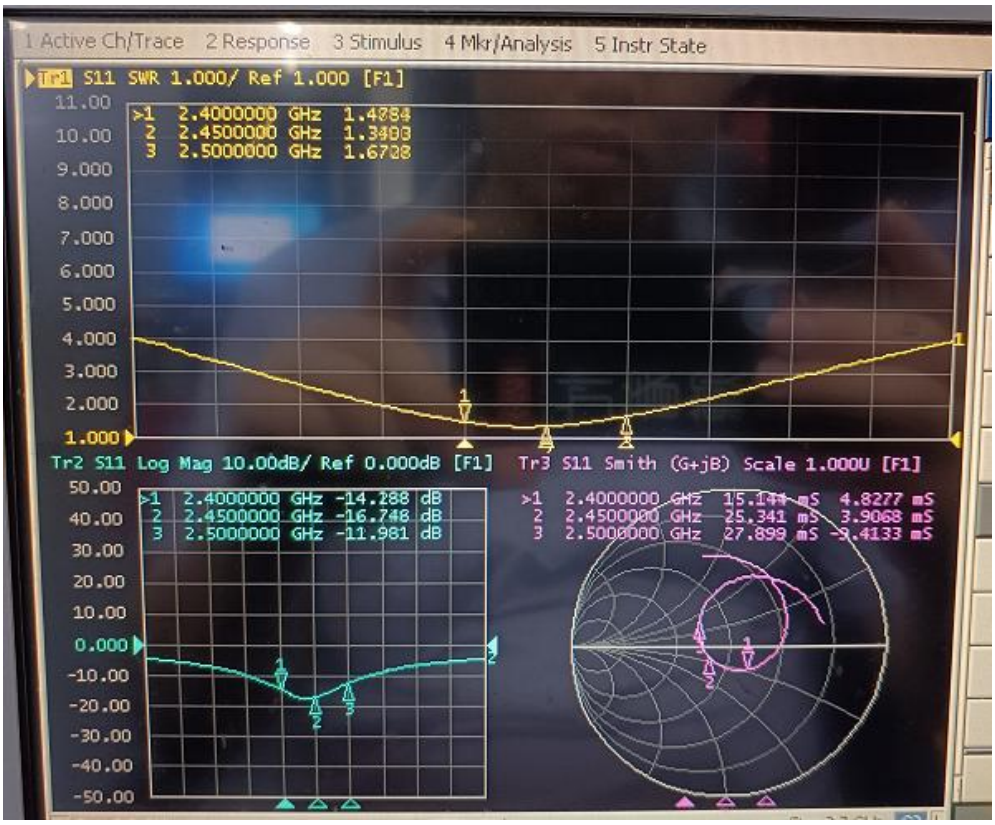
Unit: mm



Antenna technical parameters and environmental testing:

电气技术参数			
电 性 能 指 标		Electrical Specifications	
频率范围	2400-2500MHz	Frequency Range	2400-2500MHz
电压驻波比	＜1.92	VSWR	＜1.92
输入阻抗	50 Ω	Input Impedance	50 Ω
方向	全向	Direction	All
增益	2.04dBi	Gain	2.04dBi
机 械 指 标		Mechanical Specifications	
接口形式	OPEN	Input connector	OPEN
工作温度	-20℃~+70℃	Working Temperature	-20℃~+70℃
工作湿度	20%~80%	Working Humidity	20%~80%

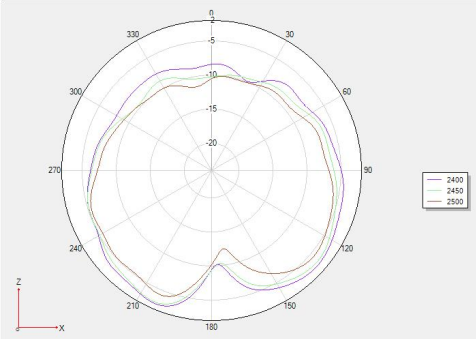
Antenna performance test diagram:



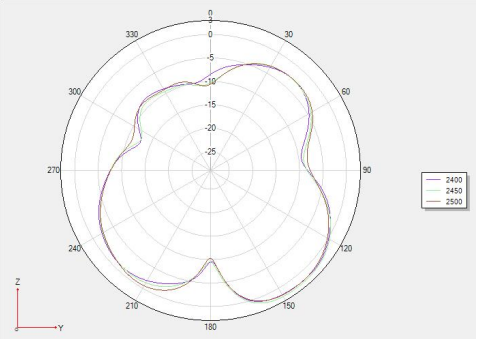
2D.3D Test data（2.4G）:

Frequency	Efficiency (%)	Gain.(dBi)
2400MHz	44.36	1.7
2410MHz	46.95	1.87
2420MHz	45.27	1.74
2430MHz	47.35	1.82
2440MHz	48.16	1.82
2450MHz	54.1	2.04
2460MHz	52.32	1.93
2470MHz	50.71	1.71
2480MHz	48.42	1.82
2490MHz	47.1	1.75
2500MHz	47.97	1.71

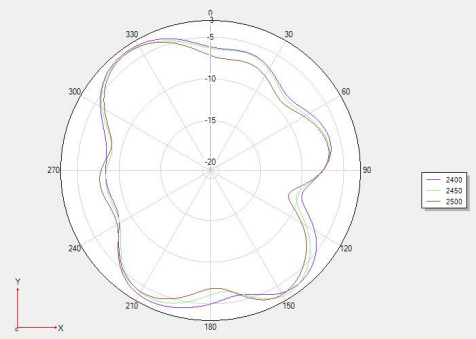
Phi 0 2D :



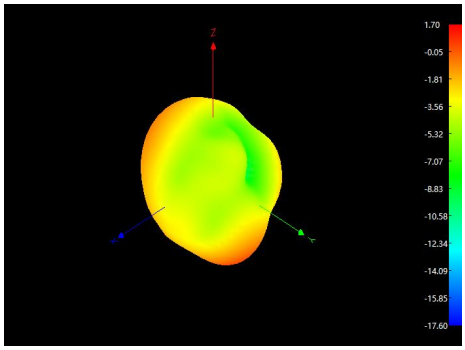
Phi 90 2D :



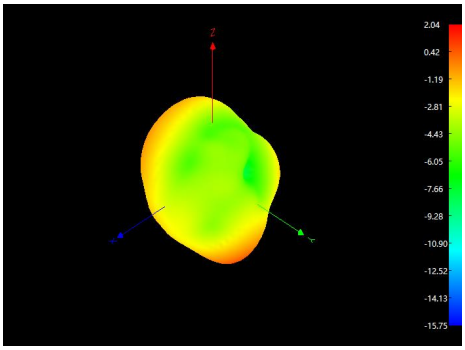
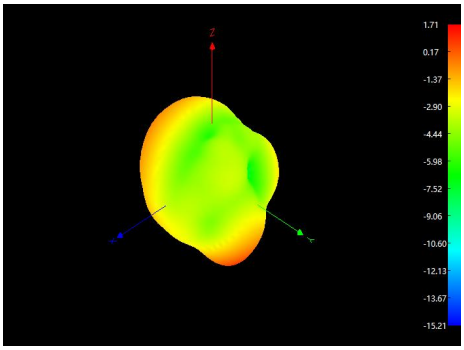
Theta 90 2D:



3D 2400：



3D 2450：



3D 2500