APPROVAL SHEET

承认书

CUSTOMER NAME 客户名称	创福联/Chuangfu Lian
CUSTOMER P/N 客户料号	
PART NAME 品　　名	PCB Antenna
P/ N 料　　号	YJC-6N150-B33
APPROVAL REV. 版　　次	A1
DELIVERY DATE 送样日期	2024－04－16
PREPARED BY 承　办	殷飞杰
CHECKED BY 审　核	方文锋
APPROVED BY 核　准	肖 汉

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

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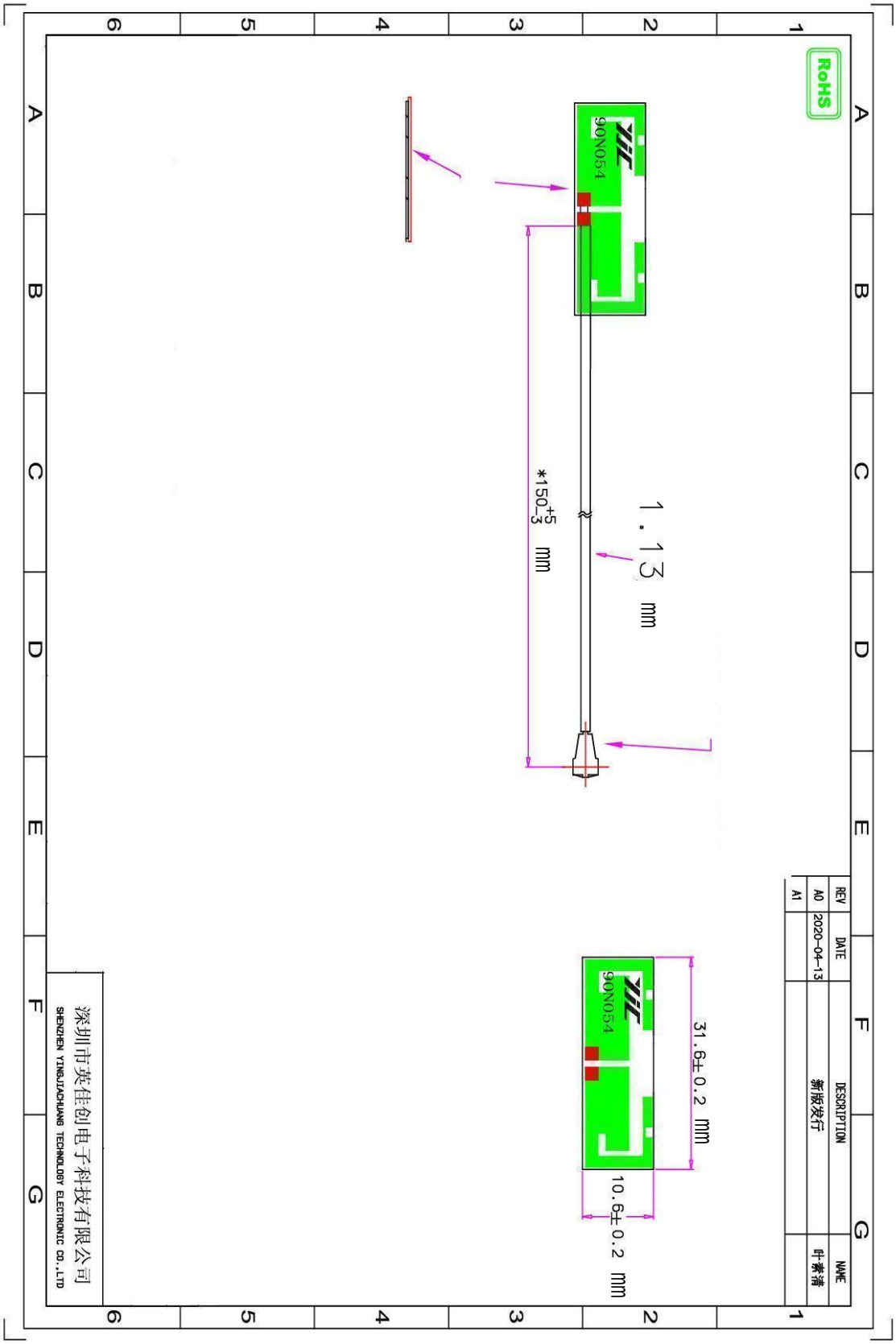
修订履历表/Revise the resume::

版本/ Version	变更内容及更改原因/ Change content and reasons for the change	日期/Date	Release
A0	初版发行/First edition release	2020 - 04 - 13	
A1	增加无源数据/Add passive data	2024 - 04 - 16	

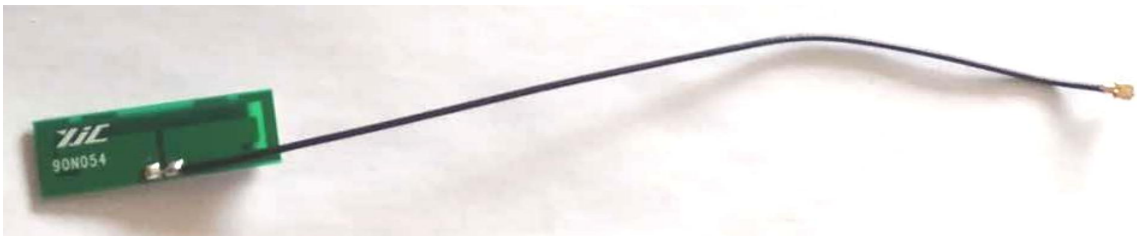
天线平面图/Antenna plan view:



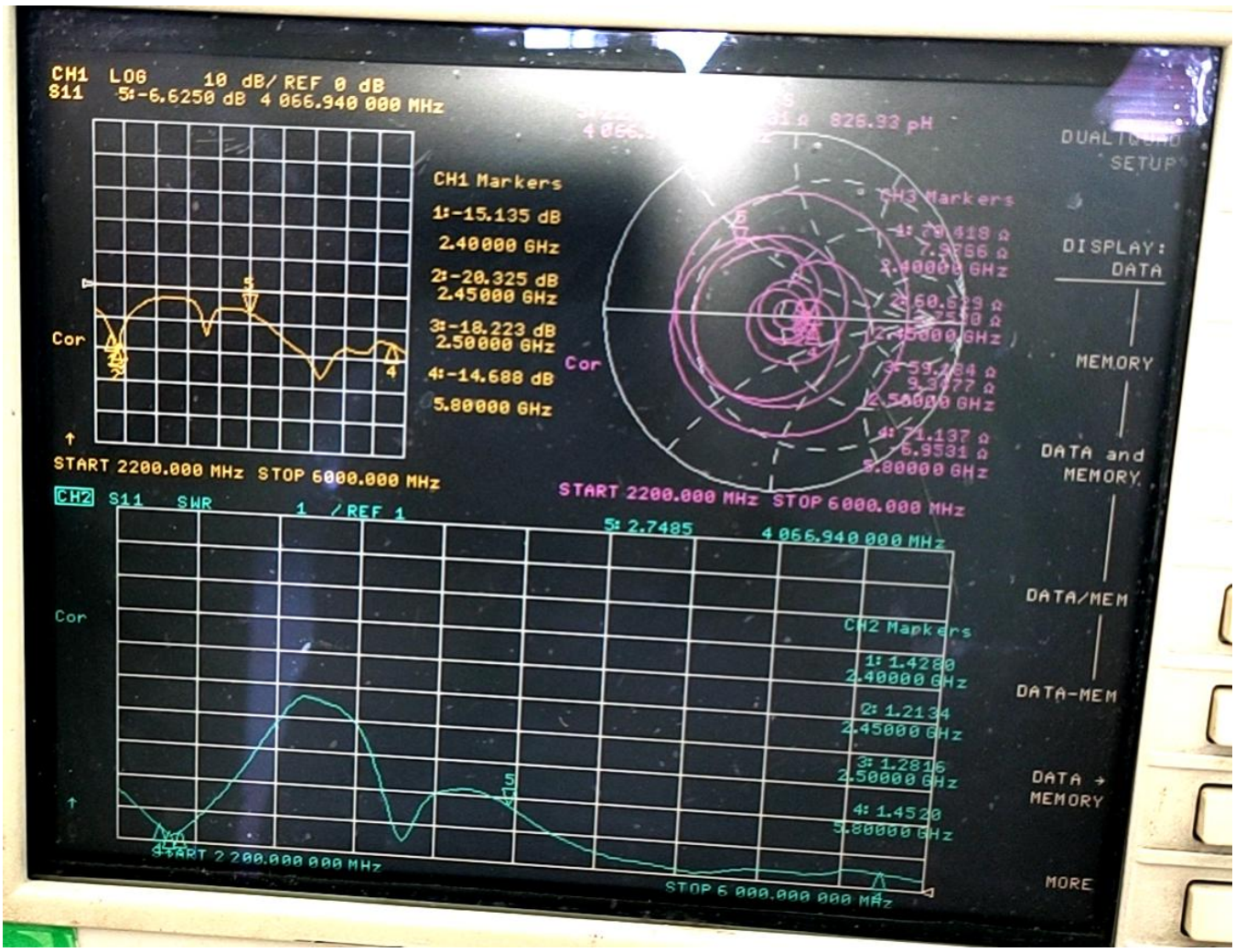
天线技术参数 Antenna technical parameters :

电气技术参数/Electrical technical parameters			
电 性 能 指 标		Electrical Specifications	
频率范围	2400-2500/5150-5850MHz	Frequency Range	2400-2500/5150-5850MHz
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	2400-2500MHz:3.77dBi 5150-5850MHz:4.53dBi	Gain	2400-2500MHz:3.77dBi 5150-5850MHz:4.53dBi
机 械 指 标		Mechanical Specifications	
线材颜色	黑色	Wire Color	Black
接口形式	XD	Input connector	XD
线材长度	150mm	Wire length	150mm
工作温度	-20℃~+70℃	Working Temperature	-20℃~+70℃
工作湿度	20%~80%	Working Humidity	20%~80%

天线实物图/Antenna physical diagram:



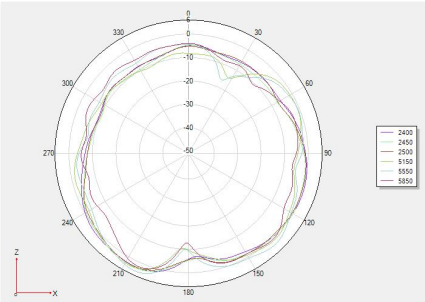
天线性能测试图/Antenna performance test chart:



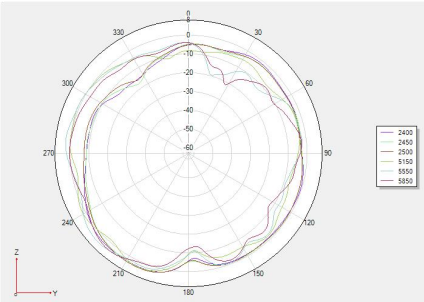
2D、3D Test data(2.4G/5G):

Frequency	Efficiency (%)	Gain.(dBi)
2400MHz	68.72	3.64
2410MHz	61.66	3.34
2420MHz	63.33	3.42
2430MHz	65.89	3.56
2440MHz	58.72	3.58
2450MHz	61.66	3.77
2460MHz	63.18	3.74
2470MHz	64.99	3.61
2480MHz	64.33	3.16
2490MHz	59.25	3.14
2500MHz	57.62	3.66
5150MHz	56.38	4.03
5250MHz	59.54	4.16
5350MHz	59.98	4.12
5450MHz	54.72	4.25
5550MHz	51.85	4.53
5650MHz	54.92	4.03
5750MHz	52.68	4.13
5850MHz	55.90	3.87

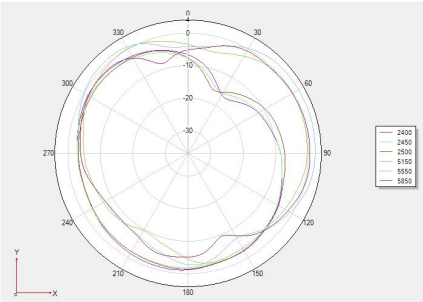
Phi 0 2D :



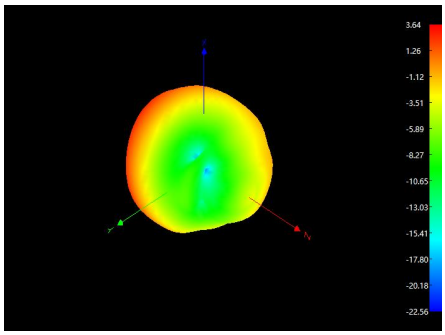
Phi 90 2D

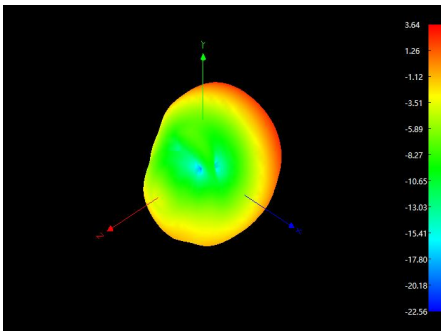


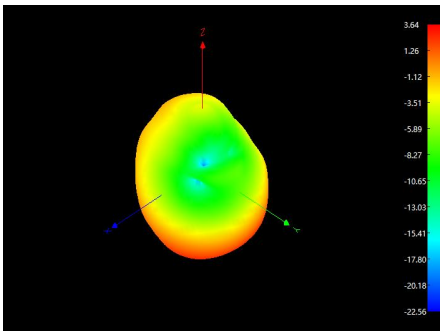
Theta 90 2D



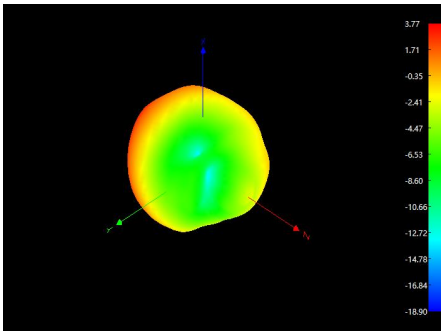
3D 2400:

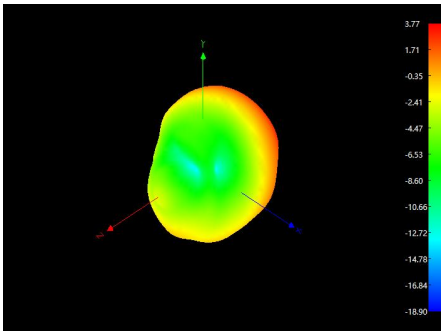


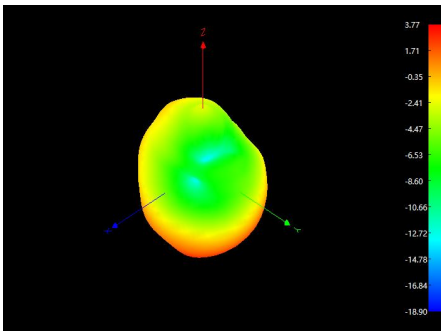




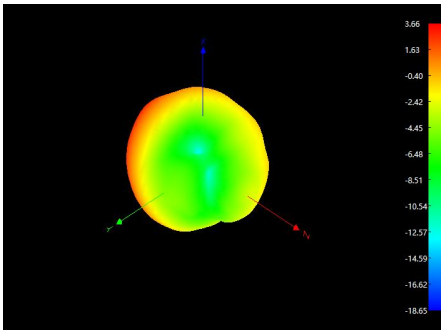
3D 2450：

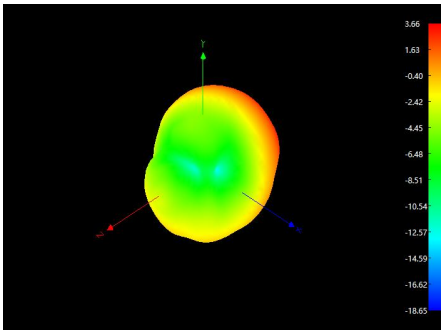


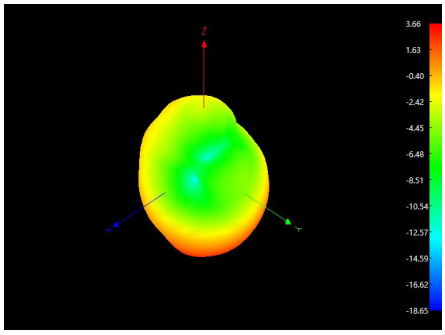




3D 2500：







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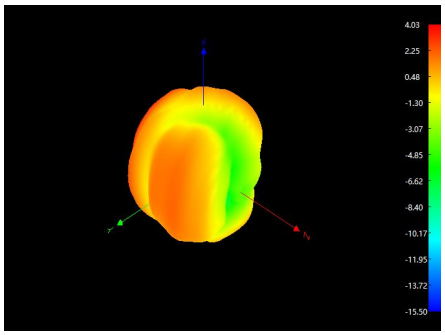

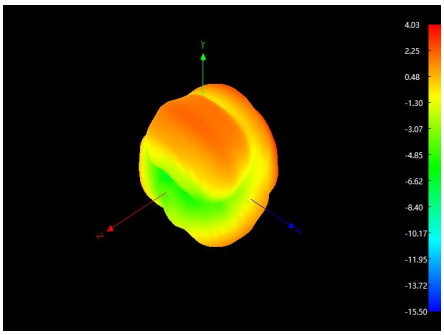

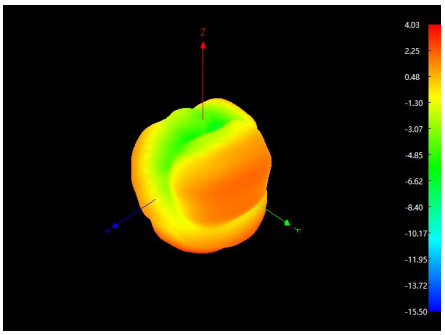

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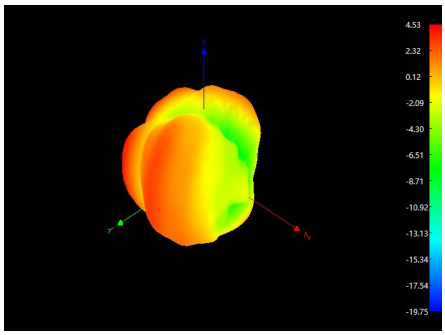

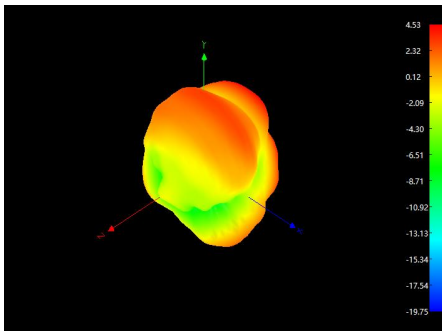

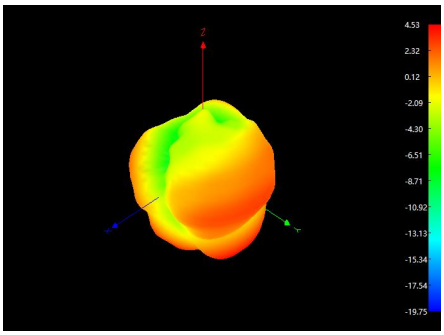
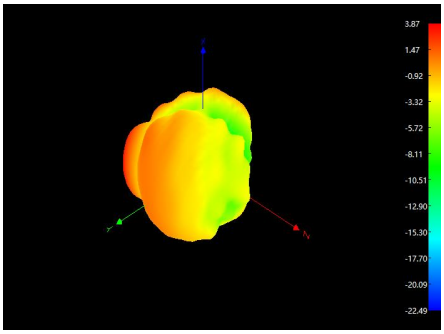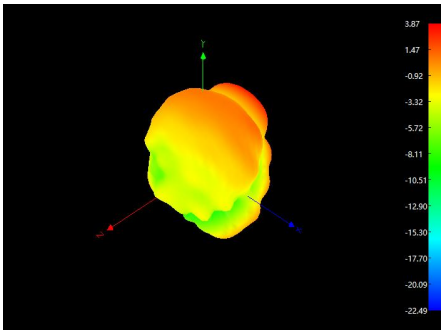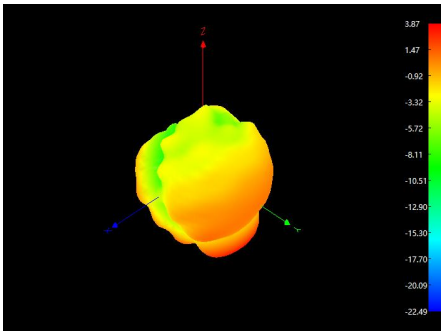
3D 5850：