



表单编号: CYX-FM-RD004-A

深圳创盈芯实业有限公司

Shenzhen Chuangyingxin technology co., Ltd

材料承认书

Material acceptance

厂 商: 东莞市松汇实业有限公司
Manufacturer Dongguan Songhui Industrial Co., Ltd
品 名: A0A- WIF5G-1 天线 0.81 黑色线 4 代端子 L=110MM
Name of a part A0A- WIF5G-1 Antenna, 0.81 black wire 4th generation terminal L=110MM
料 号: _____
Part Number _____
物 料 规 格 _____
Material specification WIFI+BT 天线 FPC +081 黑色线 L=110mm 4 代端子

制作 Fabrication	审核 Examine and verify	批准 Ratify

Tel:0755-23596969

Company web site:<http://www.cyxtech.com/>

深圳市龙华新区高峰社区科伦特低碳产业园 C 栋

Add: 5 / F, 1 Building, Xiazaos Industrial Zone, Zhaohe Road, Fengfeng Community

Longhua New District, Shenzhen City



规格承认书

SPECIFICATION FOR APPROVAL

编号: 2024101702

File No. _____

版本: 1.0

Revision _____

客户 创盈芯

CUSTOMER: _____

客户料号

CUSTOMER NO: _____

品名 A0A-WIFI5G

PART NAME: _____

供方料号 SL136P.300082.P01

SUPPLIER NO: _____

送样日期 Date:

送样数量 Q'TY:

PCS

客户确认 CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

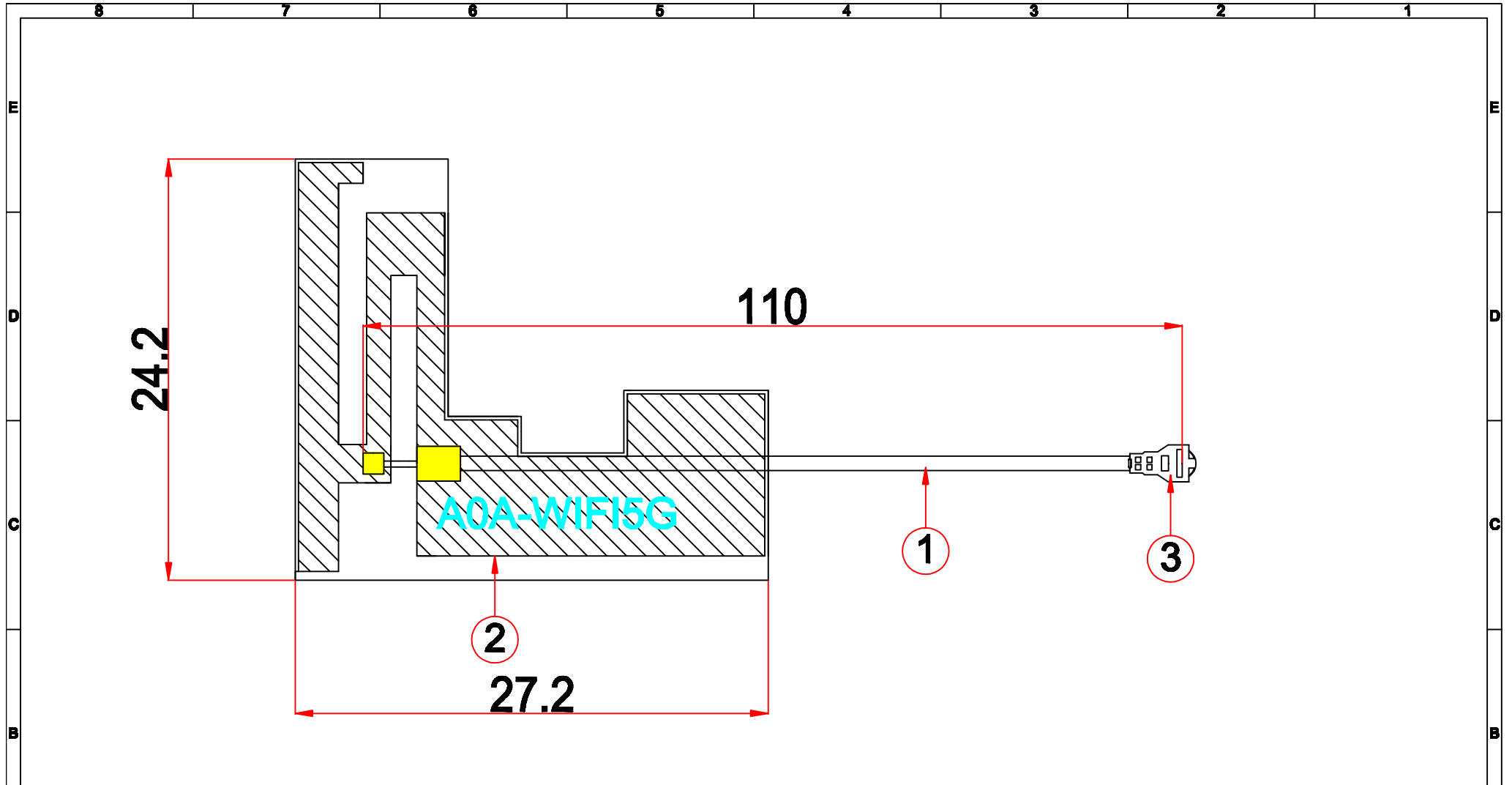
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

SH-RD-F04-A


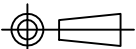


承认书项目表

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3	MHF4	O.D.0.81专用	1
2	FPC软板	L24.2*W27.2mm	1
1	Coaxial Cable	O.D.0.81 Black	1
NO	PART NAME	DESCRIPTION	Q.TY

 东莞市松汇实业有限公司 Dongguan SongHui Co.,Ltd.			CUSTOMER		A0A	
			PART NO			
 TOLERANCE UNLESS OTHERWISE SPECIFIED			TITLE		2.4-5.8GHzAntenna L=110mm	
			S.H P/NO		SL136P.300083.P01	
UNIT:mm	ANGLES ±0.5°	X. ±2.0	SIZE	DRAWN	CHECKED	APPROVED
SHEET: 1/1	X.XX ±0.2	XX. ±5.0	A4	LUOYI	ZOUJIE	
SCALE: 1/1	X.X ±0.5	DATE:2024-10-17				



电性测试报告

Test Reports

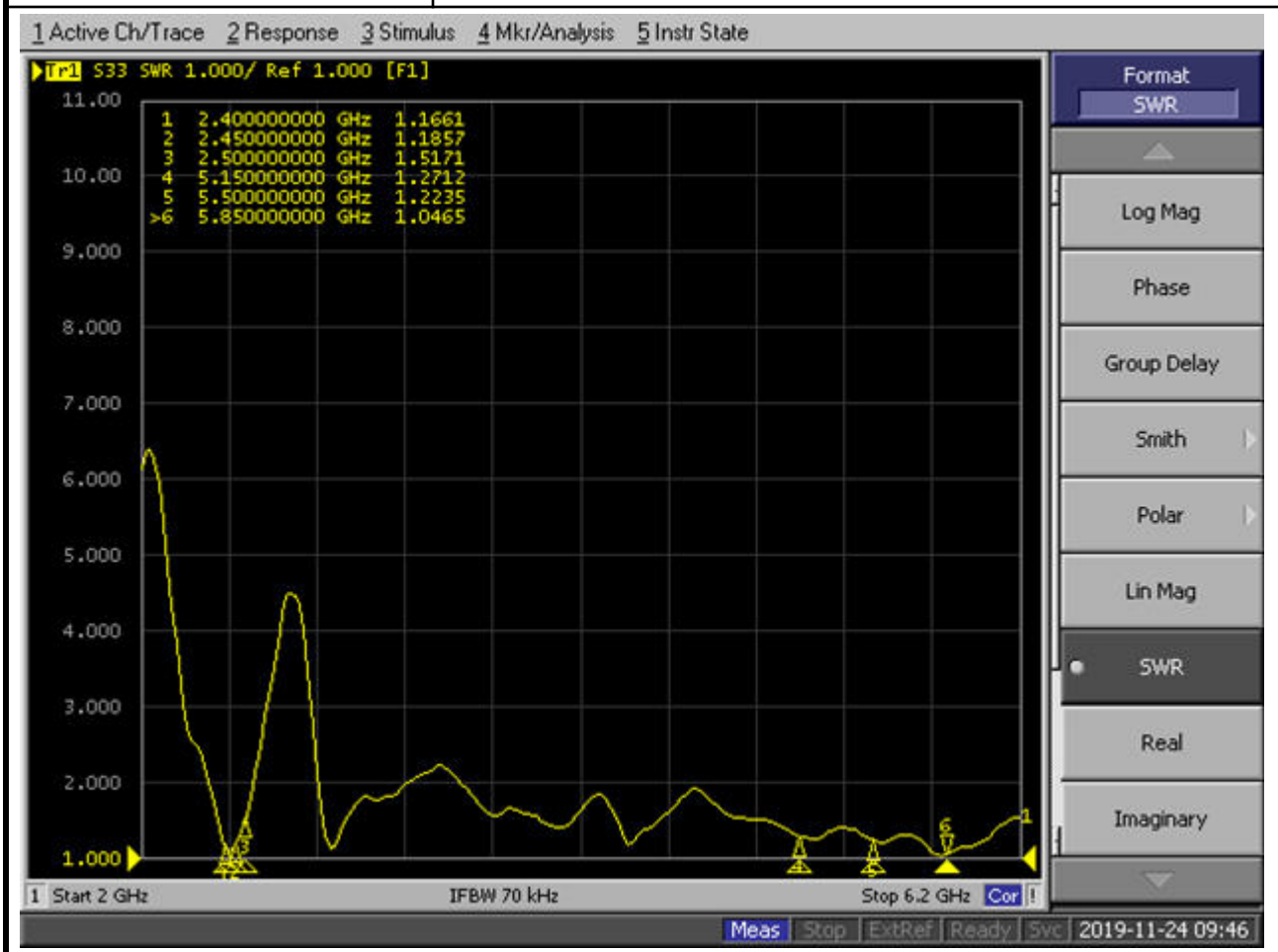
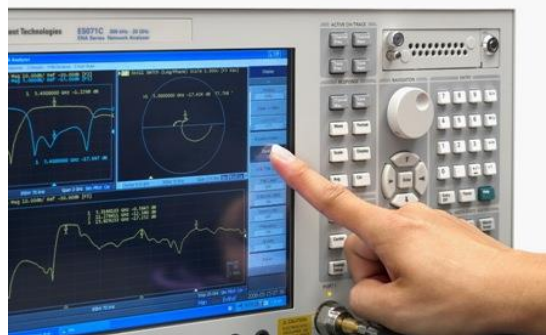
Electrical Properties	
Frequency	2400-2500/5150-5850MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3.27 dBi
Efficiency	>48%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF4
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 0.81mm // L=110mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black



S 参数测试

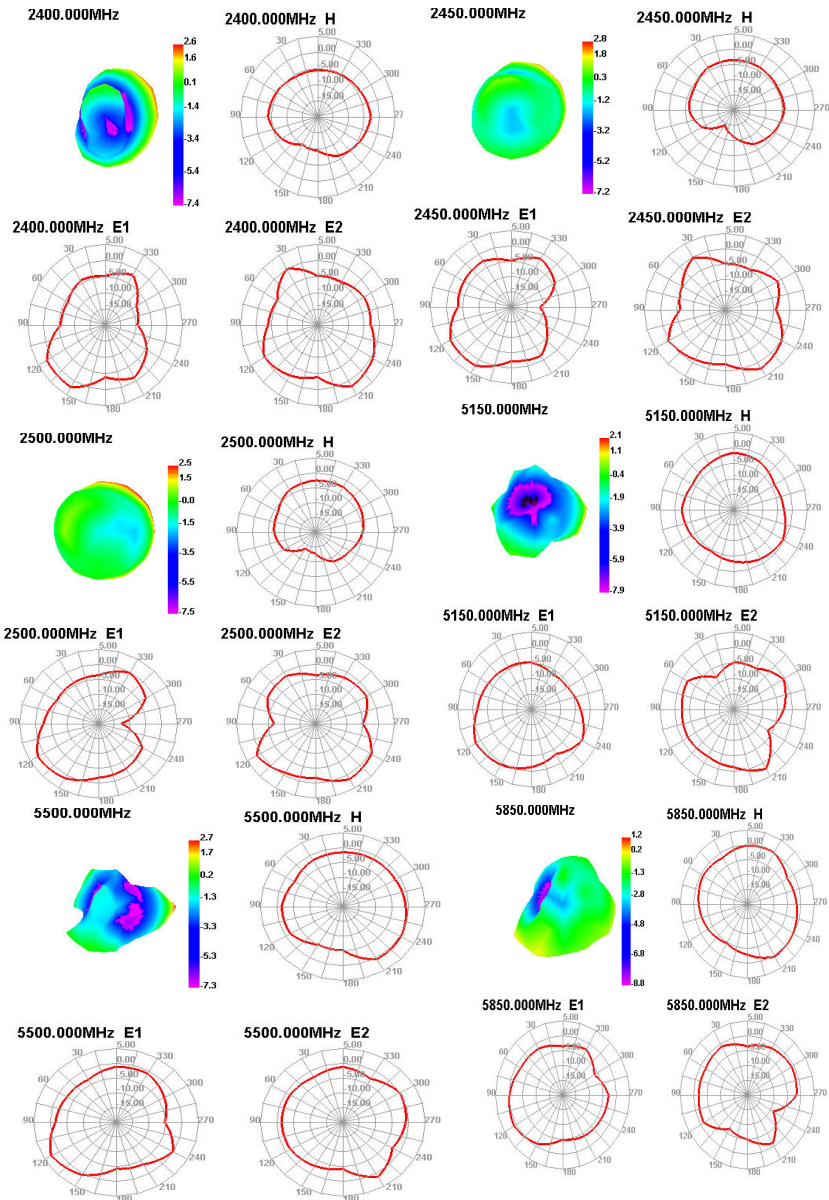
S Parameter Test

Agilent E5071C



Gain, Efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	60.82	2.58
2410	63.01	2.76
2420	60.95	2.57
2430	63.58	2.71
2440	61.67	2.63
2450	63.36	2.78
2460	62.82	2.78
2470	64.06	2.74
2480	67.4	2.77
2490	72.73	2.89
2500	68.48	2.48
Freq (MHz)	Effi (%)	Gain (dBi)
5150	61.35	2.08
5200	58.81	3.27
5250	58.46	2.2
5300	56.47	1.99
5350	67.23	2.67
5400	73.46	2.35
5450	83.54	3.27
5500	72.25	2.69
5550	69.13	2.35
5600	61.31	1.2
5650	70.67	1.92
5700	83.39	2.54
5750	80.84	2.55
5800	72.25	1.39
5850	64.27	1.22





OTA测试报告

带宽 (MHz)	测试项	模式	速率(Mbps)	信道	频率(MHz)	测试值 (dbm)	测试项目
20	TRP	B	11	1	2412	17.7	AOA
				6	2437	15.6	
				11	2462	16.8	
		G	6	1	2412	13.2	
				6	2437	12.9	
				11	2462	12.8	
		N	MCS7	1	2412	13.6	
				6	2437	12.1	
				11	2462	12.7	
		A	6	36	5180	14.2	
				149	5745	15.5	
				165	5825	16.1	
	TIS	B	11	1	2412	-79	
				6	2437	-79	
				11	2462	-79	
		G	54	1	2412	-66	
				6	2437	-66	
				11	2462	-66	
		N	MCS7	1	2412	-63	
				6	2437	-63	
				11	2462	-63	
		A	54	1	2412	-71	
				6	2437	-71	
				11	2462	-71	



天线组装图

