



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:

Manufacturer

东莞市松汇实业有限公司

品 名:

Name of a part

WiFi 天线

料 号:

Part Number

1.C.X.WFTX.AK1XXX-00A

物 料 规 格:

Material specification

WiFi+BT 天线 硬质 FPC +081 黑色线 L=45mm 4 代端子

制作	审核	批准
Fabrication	Examine and verify	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, Xiaozao Industrial Zone, Zhaohe Road, Fengfeng Community,
Longhua New District, Shenzhen City



规格承认书

SPECIFICATION FOR APPROVAL

编号: 2022112503

File No. _____

版本: 1.0

Revision _____

客 户 创盈芯

CUSTOMER: _____

客 户 料 号

CUSTOMER NO: 1.C.X.WFTX.AK1XXX-00A

品 名 2.4-5.8GHz Antenna L=45MM

PART NAME: _____

供 方 料 号 SL136P.300038.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

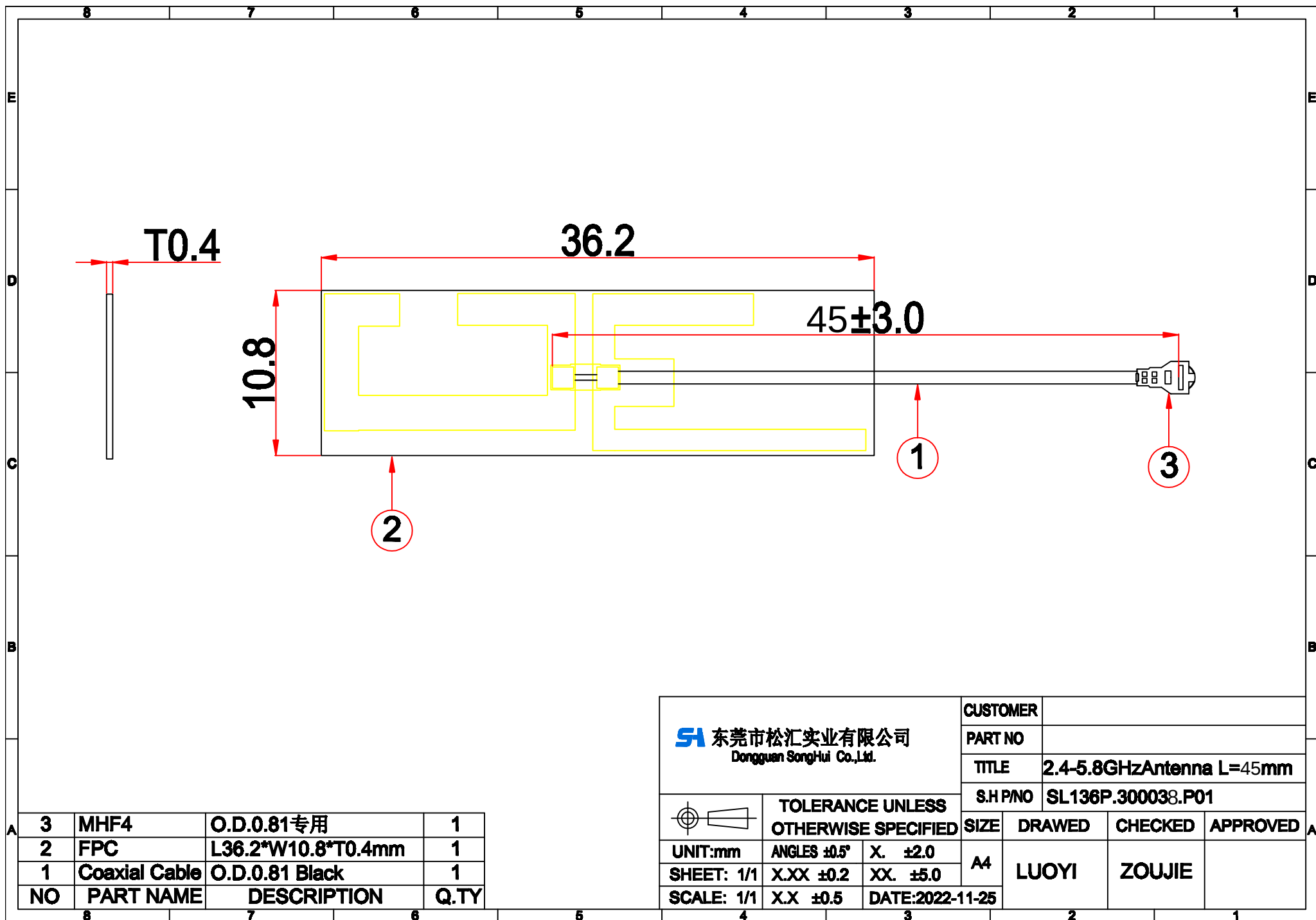
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

SH-RD-F04-A



承认书项目表

NO.	内 容 (Contents)	页 数 (Number of Page)	页 码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	电性测试报告 (Test Reports)	1	4
5	S参数测试 (S Parameter)	1	5
6		1	6
7		1	7
8		1	8
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-





电 性 测 试 报 告

Test Reports

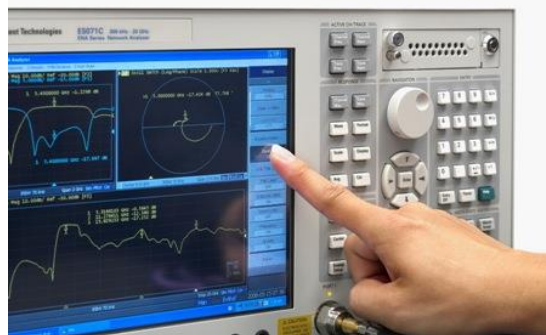
Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3dBi
Efficiency	>60%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF4
Physical Properties	
Antenna Material	PCB
Cable Type	O.D. 0.81mm // L= 44mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	BLACK



S 参数测试

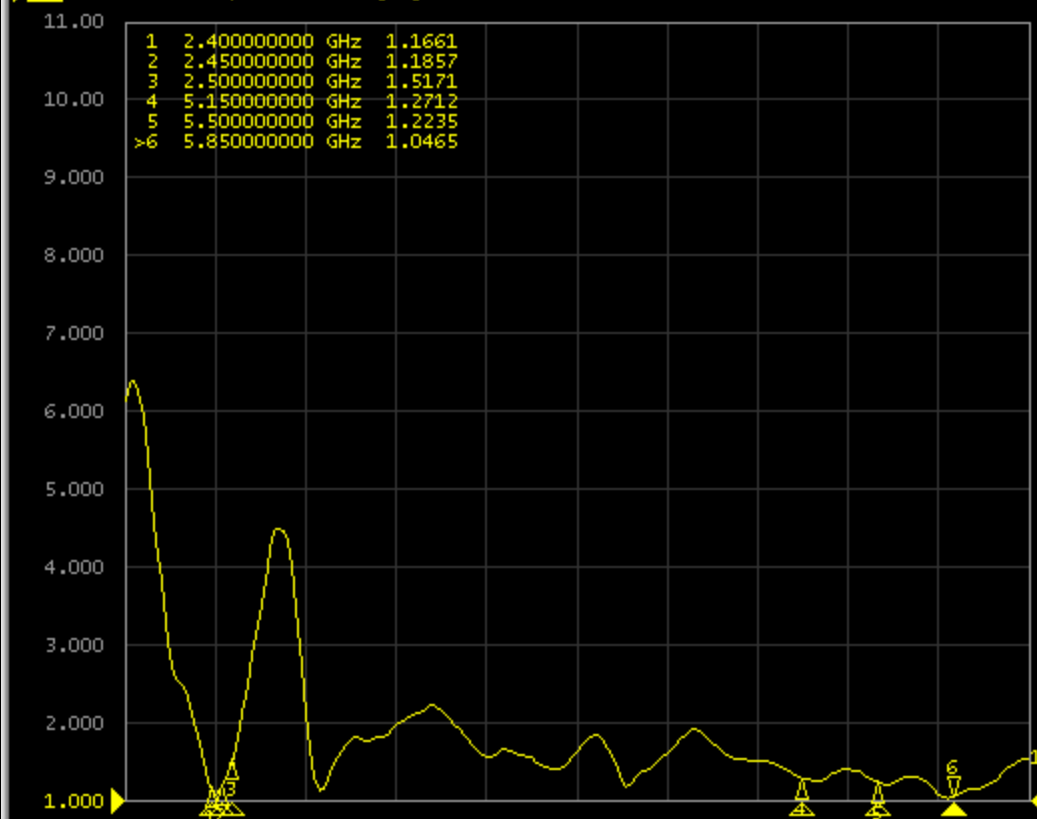
S Parameter Test

Agilent E5071C



1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

► Tr1 S33 SWR 1.000/ Ref 1.000 [F1]



Format

SWR

Log Mag

Phase

Group Delay

Smith

Polar

Lin Mag

SWR

Real

Imaginary

1 Start 2 GHz

IFBW 70 kHz

Stop 6.2 GHz

Cor

Meas

Stop

ExtRef

Ready

Svc

2019-11-24 09:46

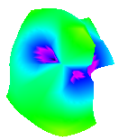
add: 东莞市大朗镇巷尾村聚祥二路24号

电话: 0769-82226176

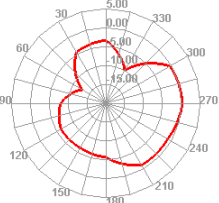
传真: 0769-82226175



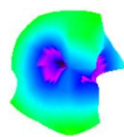
2400.000MHz



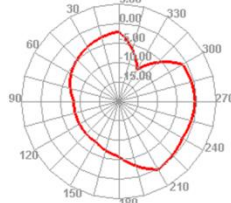
2400.000MHz H



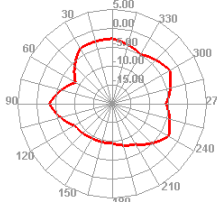
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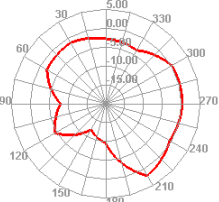
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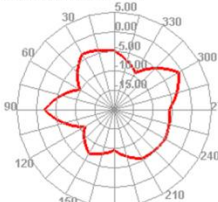
2400.000MHz E1



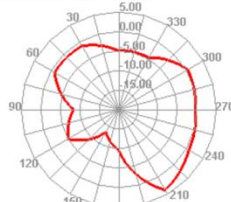
2400.000MHz E2



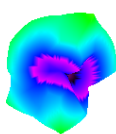
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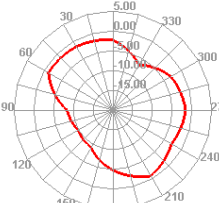
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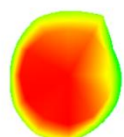
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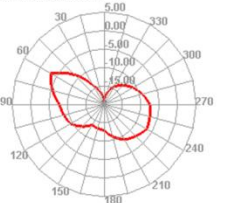
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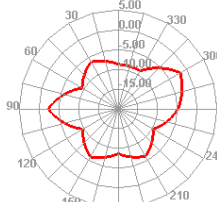
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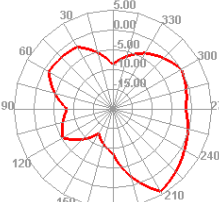
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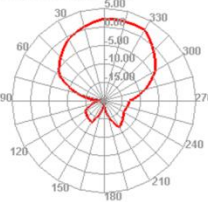
2500.000MHz E1



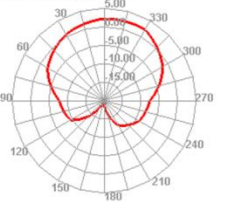
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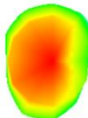
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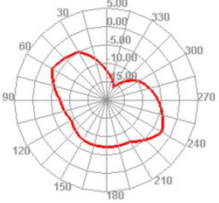
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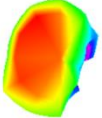
5550.000MHz



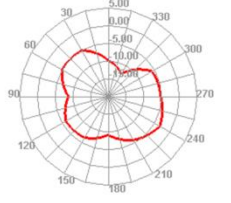
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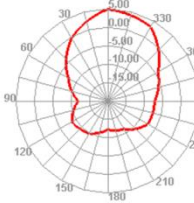
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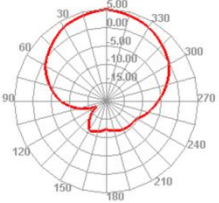
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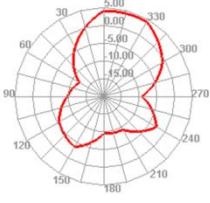
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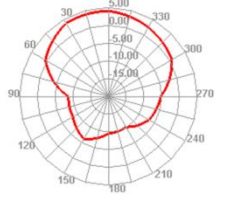
5550.000MHz E2



6000.000MHz E1



6000.000MHz E2



Freq (MHz)	Effi (%)	Gain (dBi)
2400	49.55	2.78
2410	48.09	2.95
2420	49.58	3.29
2430	47.6	3.33
2440	52.78	3.98
2450	54.27	4.21
2460	56.55	4.47
2470	53.23	4.14
2480	53.45	4.16
2490	50.37	4
2500	51.64	4.28

2400.00MHz - 2500.00MHz

Freq (MHz)	Effi (%)	Gain (dBi)
5100	44.6	2.24
5125	46.12	2.58
5150	46.75	2.75
5175	47.62	2.82
5200	45.07	2.29
5225	48.55	2.75
5250	40.48	1.84
5275	45.36	2.85
5300	41.7	2.63
5325	47.59	3.35
5350	45.58	3.2
5375	40.04	3.29
5400	48.32	4.12
5425	40.33	3.38
5450	44.44	3.27
5475	39.97	3.49
5500	47.52	4.31
5525	44.91	3.96
5550	47.11	4.91
5575	38.82	3.89
5600	43.34	4.28
5625	46.13	3.59
5650	45.32	4.73
5675	49.18	3.84
5700	50.73	4.8
5725	48.81	3.88
5750	51.03	4.63
5775	48.81	3.38
5800	45.69	3.82
5825	46.23	2.7
5850	44.8	3.81
5875	43.94	3.2
5900	43.94	3.89
5925	46.82	4.1
5950	48.76	4.31
5975	55.94	4.58
6000	57.8	4.85

add: 东莞市大朗镇佛新村聚祥二路26号 电话: 0769-82226176 传真: 0769-82226175