



规格承认书

SPECIFICATION FOR APPROVAL

编号: 2022052801

File No: _____

版本: 1.0

Revision _____

客 户 因科美

CUSTOMER: _____

客 户 料 号

YKM-SH-03-A11

CUSTOMER NO: _____

品 名 2.4-5.8GHz Antenna L=75MM

PART NAME: _____

供 方 料 号 SL291P.300001.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

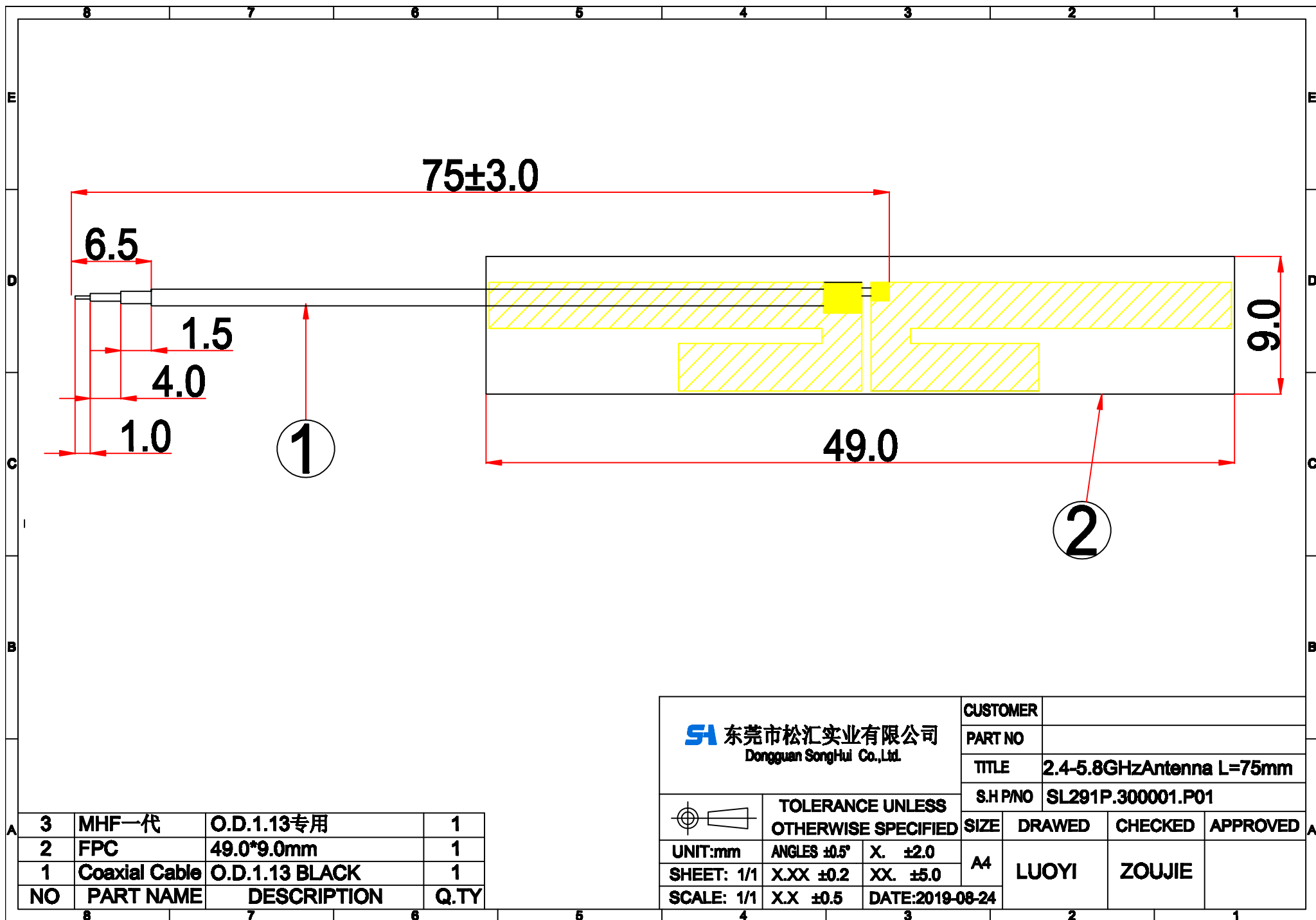
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

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	1	1
2	承认书项目表	1	2
3	工程成品图	1	3
4	电性测试报告	1	4
5	S参数测试	1	5
6	天线组装图	1	6
7		1	7
8		1	8
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-





电 性 测 试 报 告

Test Reports

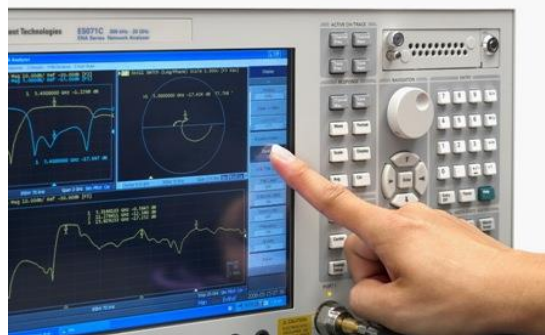
Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3dBi
Efficiency	>50%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // L= 75mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	BLACK



S 参数测试

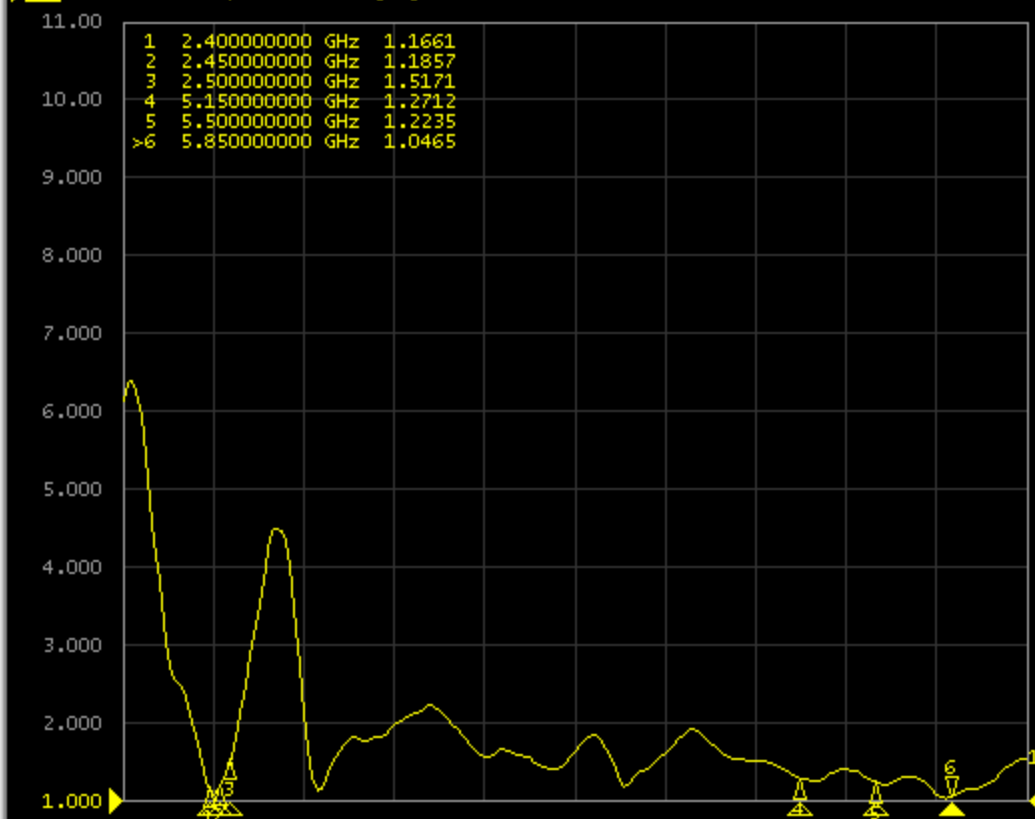
S Parameter Test

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

Freq (MHz)	Effi (%)	Gain (dBi)
2400	74.4	3.64
2410	72.67	3.46
2420	68.97	3.29
2430	69.36	3.34
2440	65.95	3.1
2450	67.26	3.03
2460	63.97	2.62
2470	62.47	2.37
2480	63.91	2.39
2490	66.95	2.5
2500	67.28	2.4

Freq (MHz)	Effi (%)	Gain (dBi)
5150	55.02	1.73
5200	55.32	1.8
5250	53.38	1.56
5300	54.75	1.58
5350	80.02	3.87
5400	74.2	3.42
5450	74.62	3.67
5500	62.85	2.87
5550	68.8	3.17
5600	67.62	2.86
5650	75.69	3.13
5700	81.63	3.29
5750	88.5	3.3
5800	87.27	3.05
5850	77.62	2.77

