

Part Approved Sheet

Customer	CE LINK LIMITED
Edition P.N	H272200000044
Product Name	2.4G5.8G I I Antenna
Type Specification	{[олут0оллмн0тлм

Prepared by	Checked by	Approved by

Customer Approval		Checked by	Approved by
☐ Pass			
☐ Fail			

Supplier Name: Dongguan Songhui Co., LTD

Company address: No. 24, Juxiang 2nd Road, Lane Tail Village, Daliang Town, Dongguan City

Contact/phone: sunny:18688665308

fax: 0769-822261765

Email box: 909095018@qq.com



SPECIFICATION FOR APPROVAL

2025062601
File No. _____1.0
Revision _____

CUSTOMER: CE LINK LIMITED _____

CUSTOMER NO: H272200000044 _____

PART NAME: 2.4~5.8GHz Antenna _____

SL308P.300012.P01
SUPPLIER NO: _____

Date:

Q'TY: PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

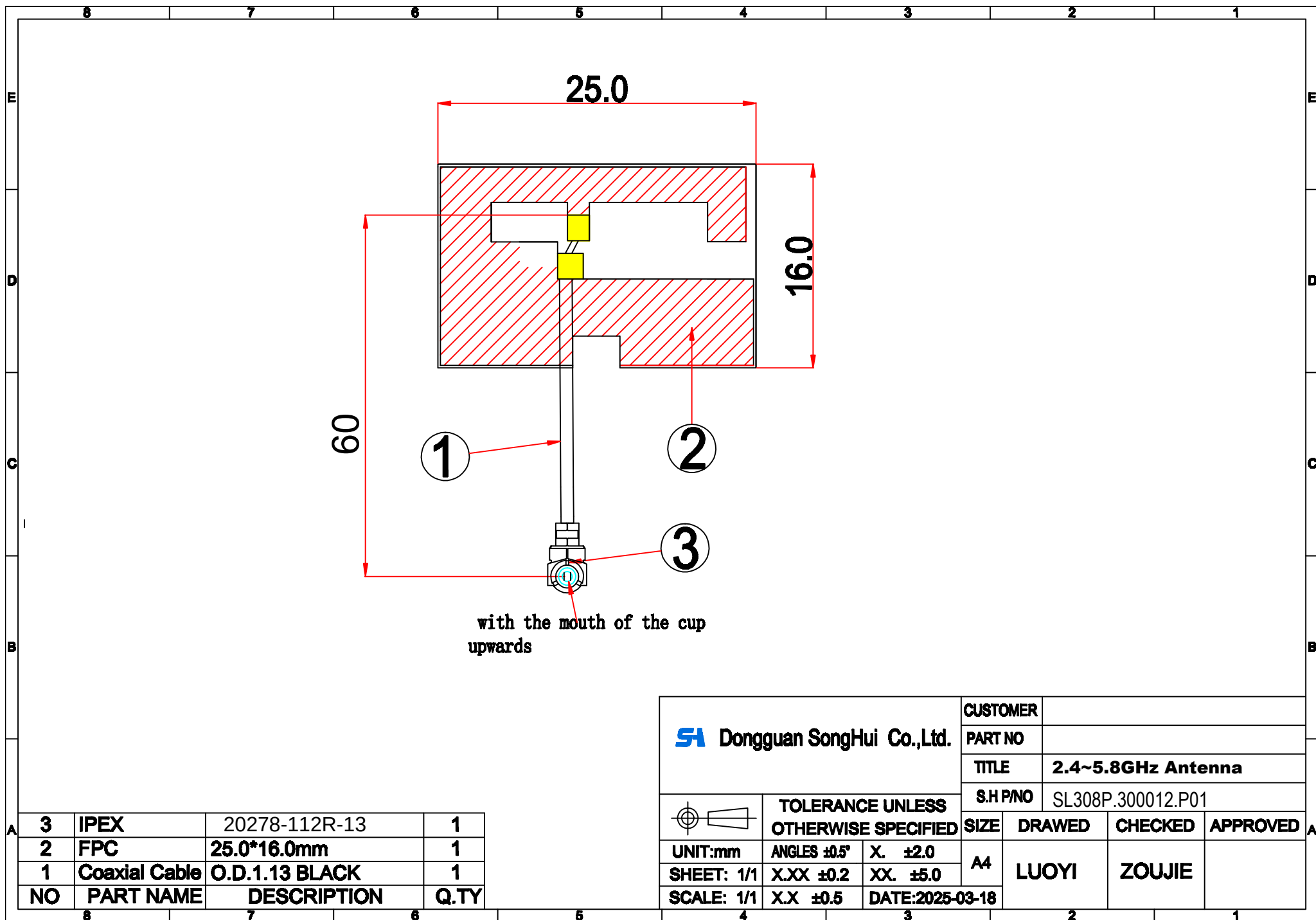
SH-RD-F04-A

add : No. 24, Juxiang 2nd Road, Lane Tail Village, Daliang Town, Dongguan City



Acknowledgement of Service of Summons

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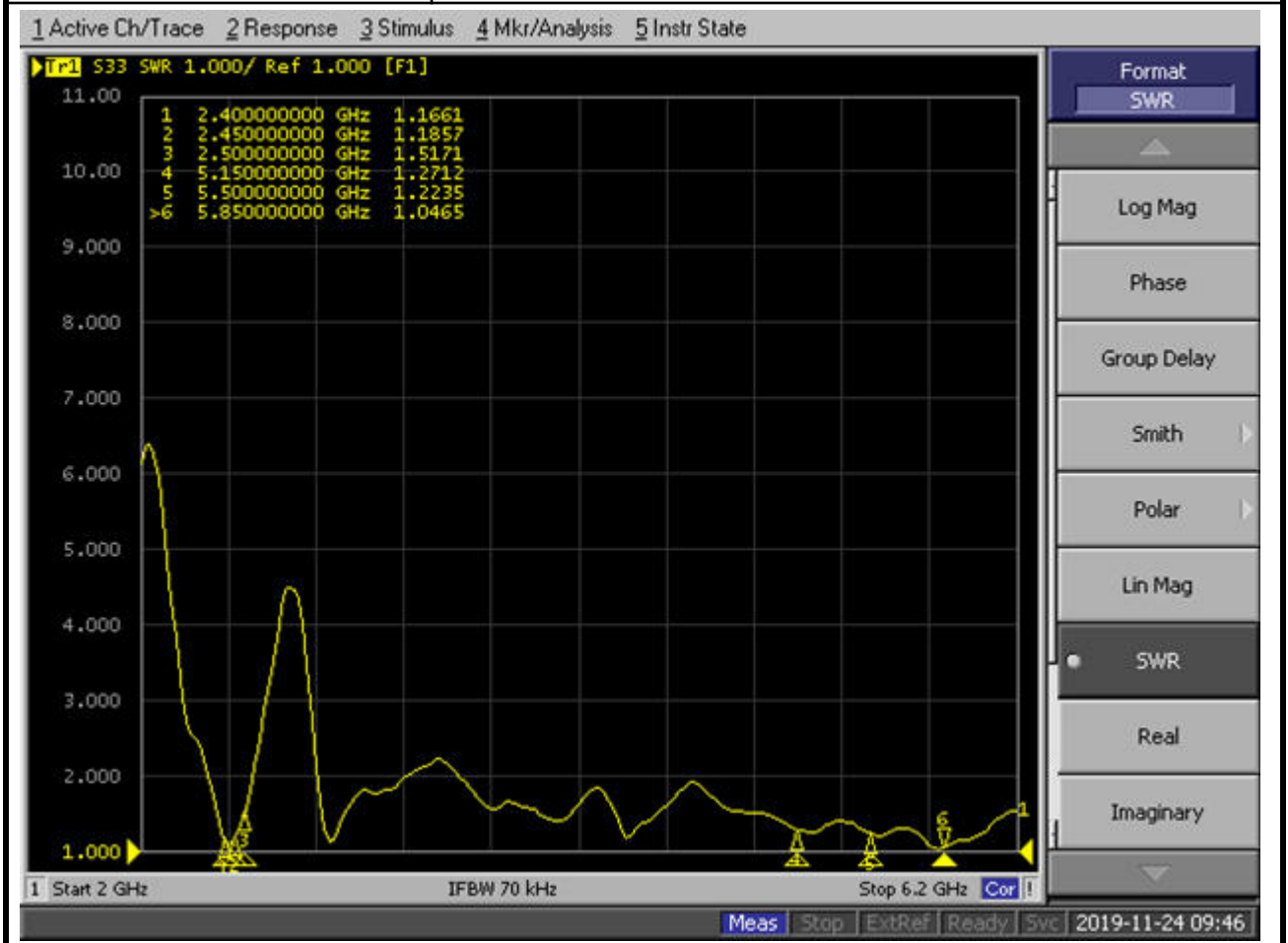
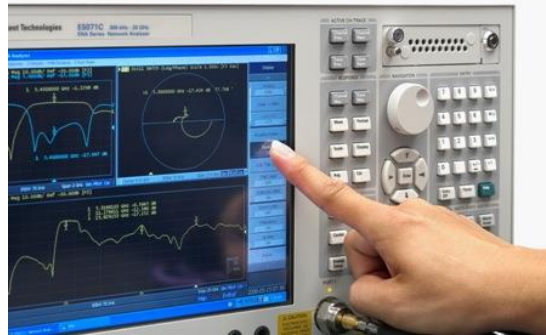
Test Reports

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)	2.4GHz:3.28dBi 5.8GHz : 4.78dBi
Efficiency	>70%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF1
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // L=60mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

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S Parameter Test

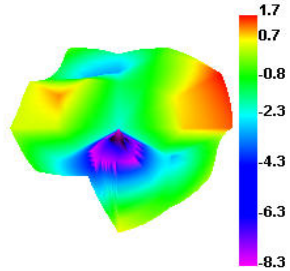
Agilent E5071C



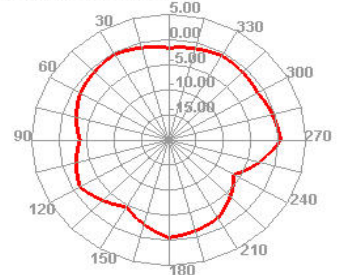
Gain, Efficiency

Freq (MHz)	Effi (%)	Effi (dB)
2400	61.79	1.7
2410	69.9	2.44
2420	70.78	2.75
2430	69.48	2.82
2440	72.94	3.28
2450	71.26	3.25
2460	73.67	3.14
2470	70.82	2.61
2480	72.43	2.21
2490	70.94	2.14
2500	77.08	2.58

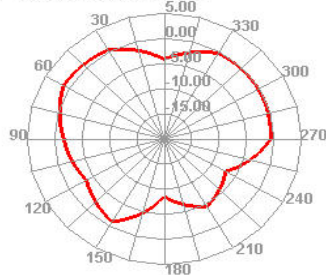
2400.000MHz



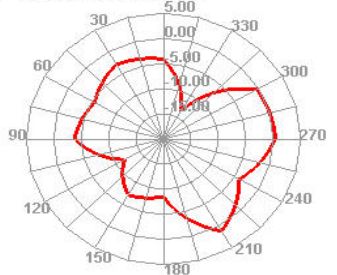
2400.000MHz H



2400.000MHz E1

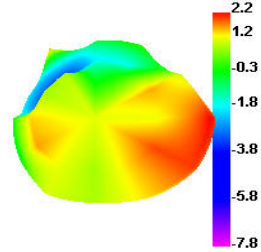


2400.000MHz E2

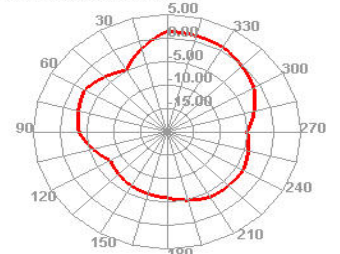


Freq (MHz)	Effi (%)	Gain (dBi)
5150	58.93	2.22
5175	51.04	1.25
5200	54.42	2.03
5225	50.24	1.35
5250	48.36	1.65
5275	55.1	2.22
5300	51.24	2.07
5325	54.52	2.04
5350	73.57	4.08
5375	59.68	2.48
5400	62.35	2.44
5425	50.56	1.5
5450	70.65	3.66
5475	51.73	1.94
5500	69.36	3.94
5525	56.58	3.04
5550	79.41	4.61
5575	59.94	3.2
5600	77.21	4.78
5625	59.73	3.16
5650	79.89	4.73
5675	57.18	2.8
5700	77.68	4.21
5725	58.6	2.76
5750	77.8	3.91
5775	58.11	2.03
5800	83.1	4.14
5825	55.15	2.2
5850	77.83	4.16

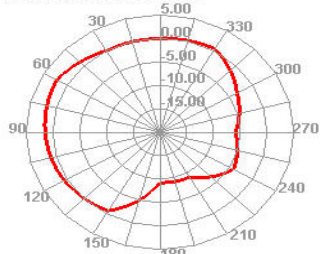
5150.000MHz



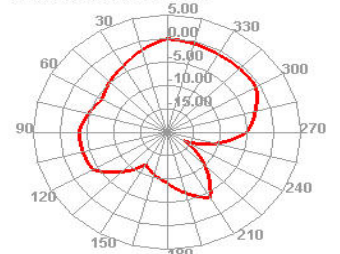
5150.000MHz H



5150.000MHz E1



5150.000MHz E2





TIS TRP

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	16.71	
				6	2437	15.69	
				11	2462	16.62	
		G	6	1	2412	14.46	
				6	2437	13.95	
				11	2462	14.83	
		N	MCS7	1	2412	13.65	
				6	2437	13.04	
				11	2462	13.93	
		A	6	36	5180	14.53	
				149	5745	16.96	
				165	5825	17.17	
	TIS	B	11	1	2412	-83	
				6	2437	-83	
				11	2462	-83	
		G	54	1	2412	-69	
				6	2437	-69	
				11	2462	-69	
		N	MCS7	1	2412	-66	
				6	2437	-66	
				11	2462	-66	
		A	54	1	2412	-75	
				6	2437	-75	
				11	2462	-75	

