

Part Approved Sheet

Customer	CE LINK LIMITED
Edition P.N	H272200000005
Product Name	2.4G PCB Antenna
Type Specification	2.4G PCB Antenna L42.1*W14.3mm MHF1 / 1.37 Black line L=225MM

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

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SPECIFICATION FOR APPROVAL

2025040201

File No. _____

1.0

Revision _____

CUSTOMER: CE LINK LIMITEDCUSTOMER NO: H272200000005PART NAME: 2.4 Antenna MHF1/1.37 Black L=225mmSUPPLIER NO: **SL308P.300003.P01**

Date:

Q'TY: PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

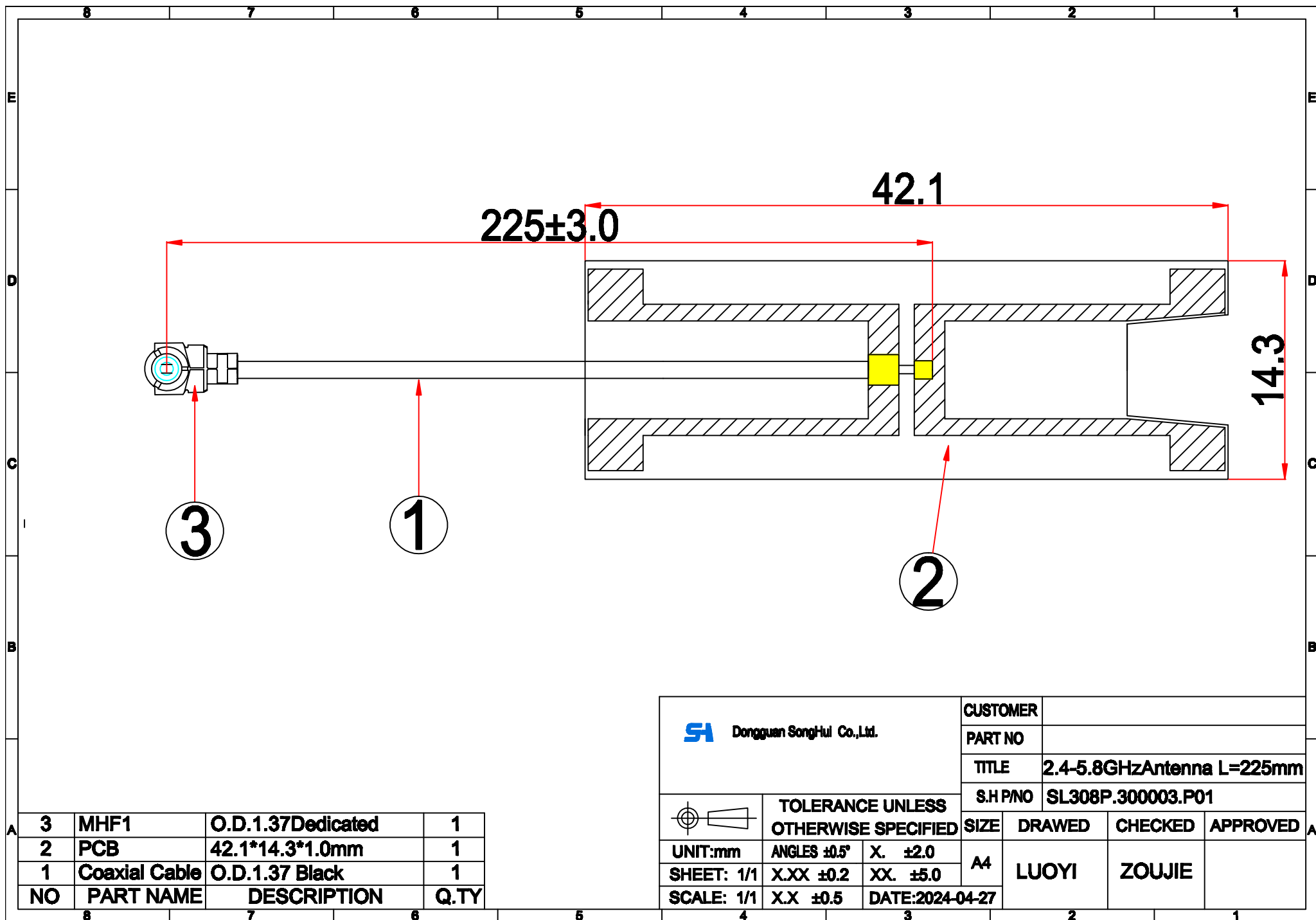
SH-RD-F04-A

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



Acknowledgement of Service of Summons

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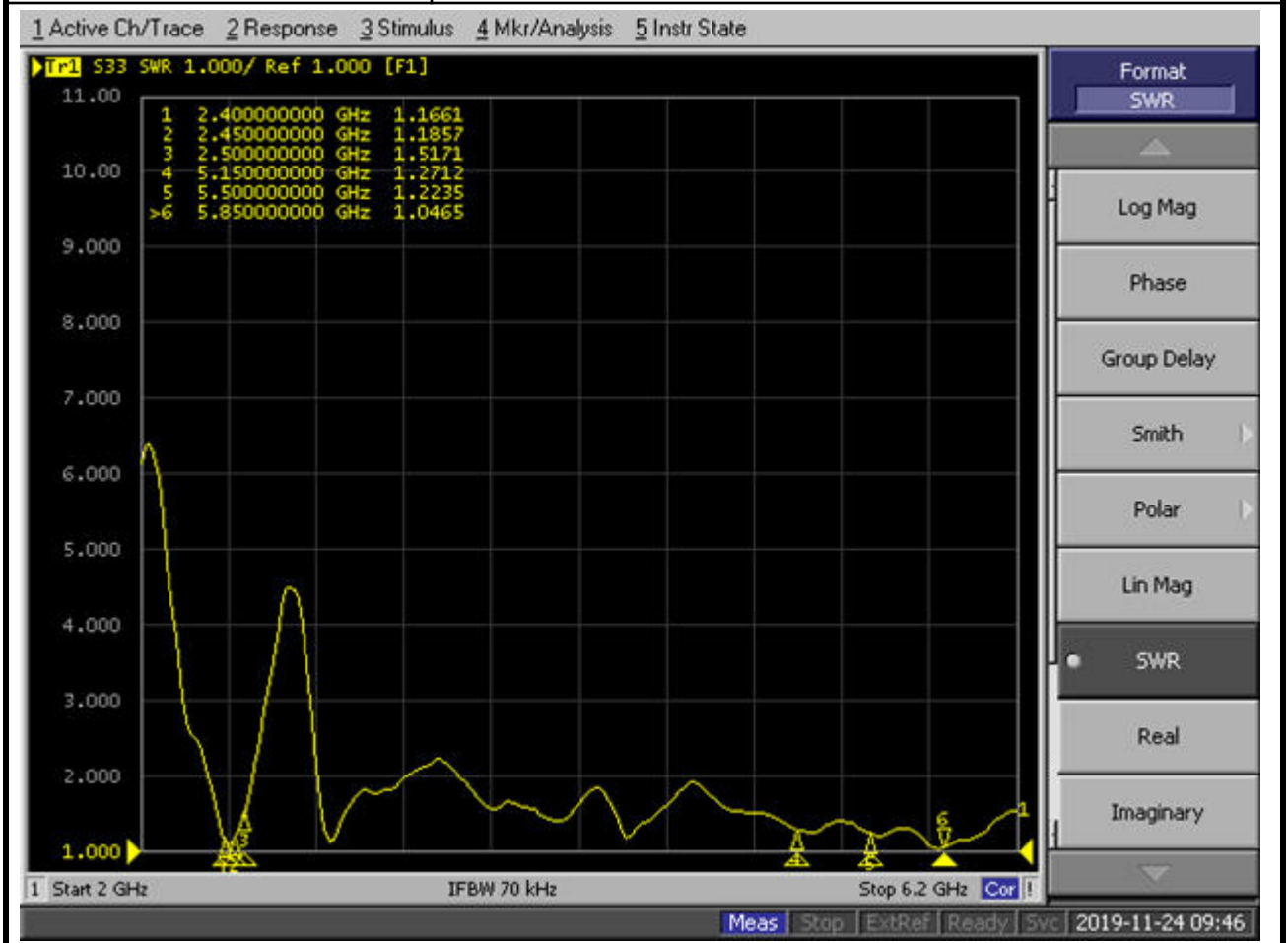
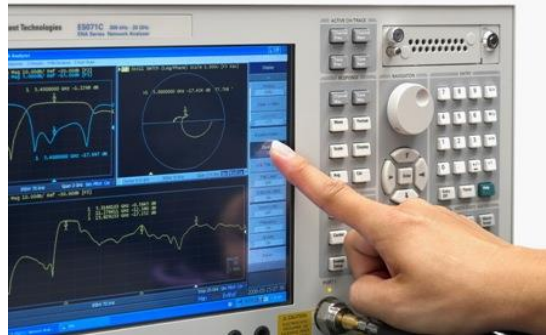
Test Reports

Electrical Properties	
Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2.82dBi MAX
Efficiency	86.23% MAX
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF1
Physical Properties	
Antenna Material	PCB
Cable Type	O.D. 1.13mm // L=225mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

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S Parameter Test

Agilent E5071C

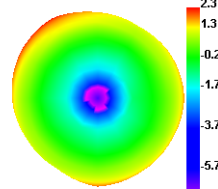


Gain; Efficiency

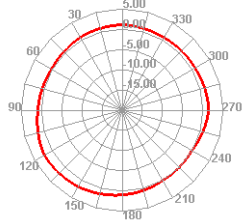
Freq (MHz)	Effi (%)	Gain (dBi)
2400	77.85	2.25
2410	86.23	2.82
2420	83.39	2.79
2430	79.29	2.59
2440	75.43	2.36
2450	72.26	2.21
2460	72.89	2.32
2470	70.38	2.2
2480	70.76	2.13
2490	69.58	1.83
2500	66.98	1.39

2400.00MHz - 2500.00MHz

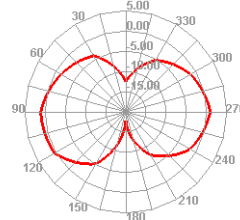
2400.000MHz



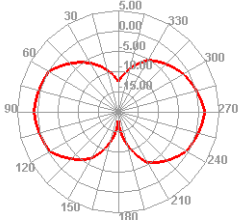
2400.000MHz H



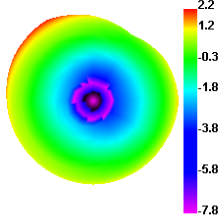
2400.000MHz E1



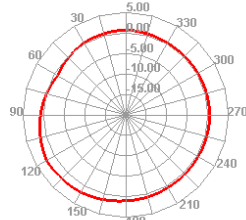
2400.000MHz E2



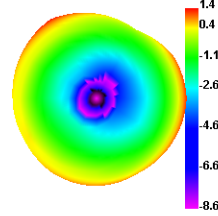
2450.000MHz



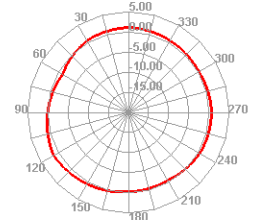
2450.000MHz H



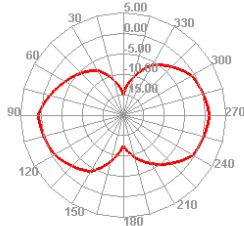
2500.000MHz



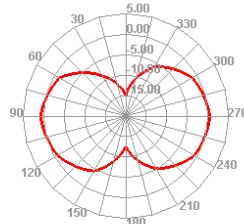
2500.000MHz H



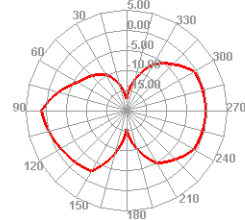
2450.000MHz E1



2450.000MHz E2



2500.000MHz E1



2500.000MHz E2

