

Part Approved Sheet

Customer	DONGGUAN CE LINK LIMITED
Edition P.N	
Product Name	2.4-5.8G FPC Antenna
Type Specification	2.4-5.8G FCB Antenna L34.1*W16.4mm MHF1 /1.13 Black line L=105MM

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

2024111102
File No. _____
1.0
Revision _____

CUSTOMER: _____

CUSTOMER NO: W2000

PART NAME: WIFI Antenna1.13Black line1/MHF1L=105MM

SUPPLIER NO: SL308P.300007.P01

Date:

Q'TY: PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

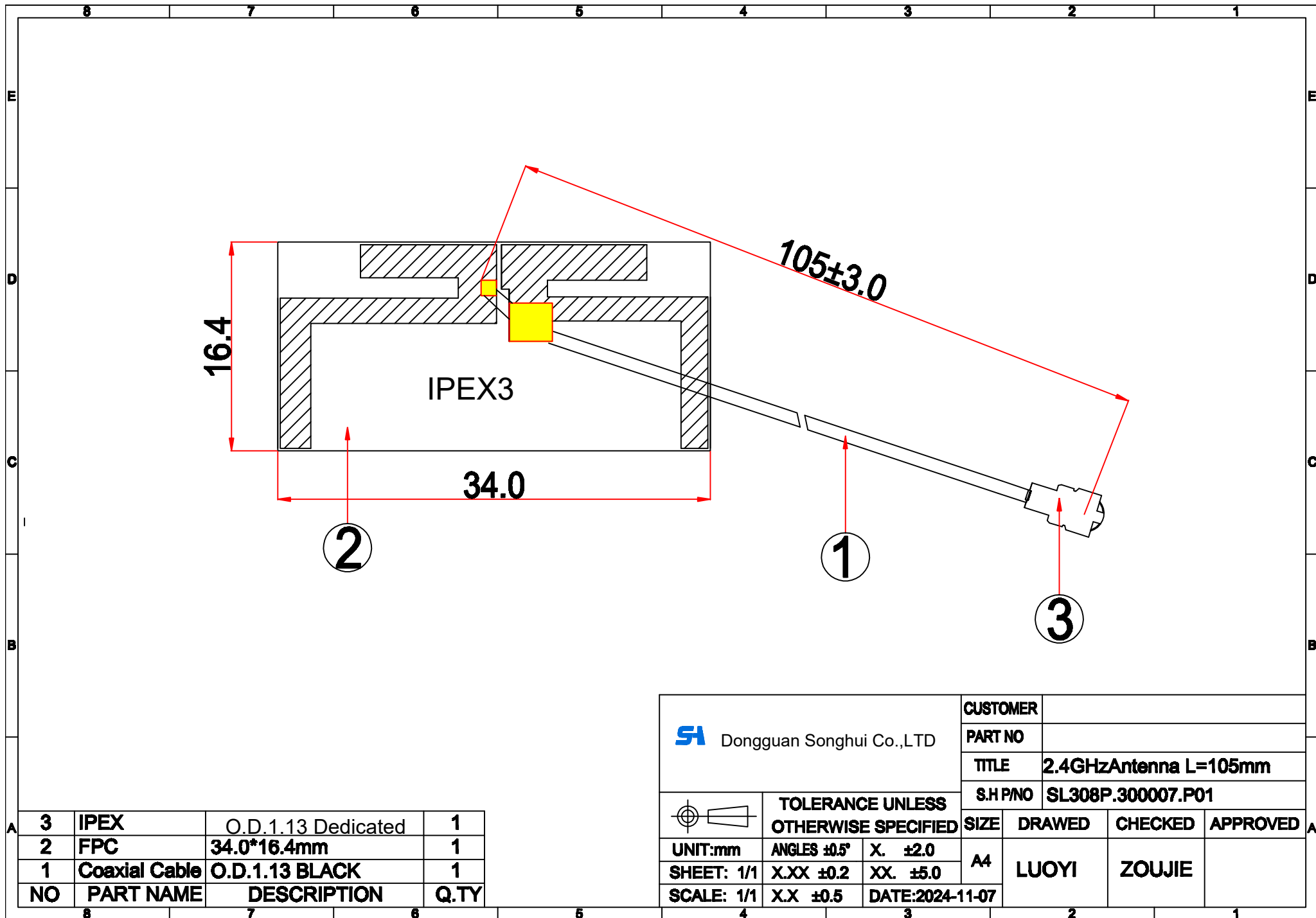
SH-RD-F04-A

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Spec Item

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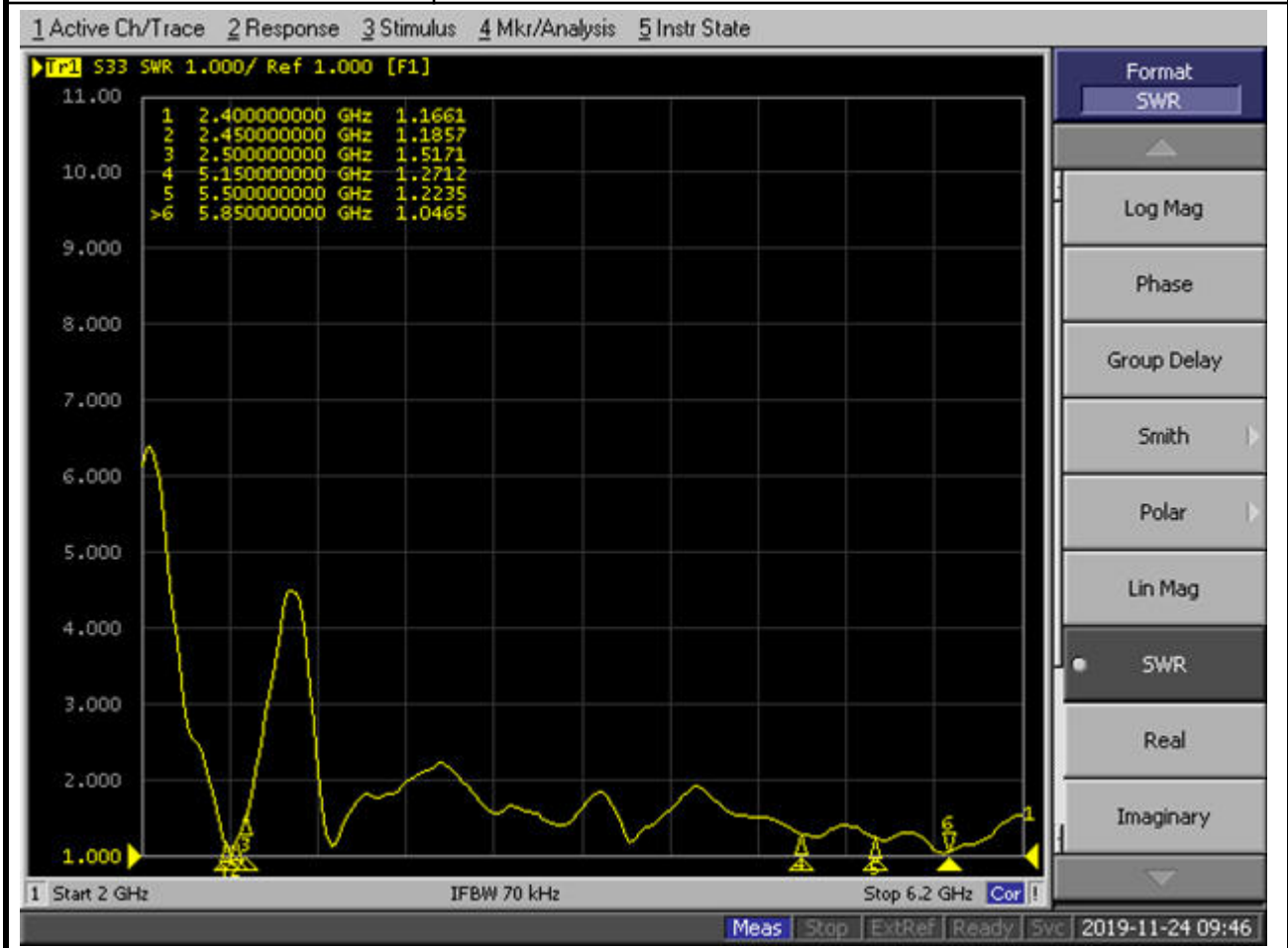
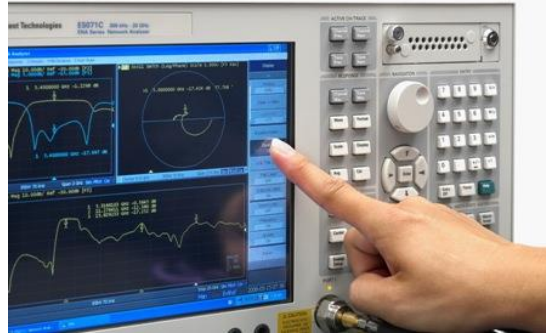
Test Reports

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)	2.0dBi
Efficiency	>60%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF1
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // L=107mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

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S Parameter Test

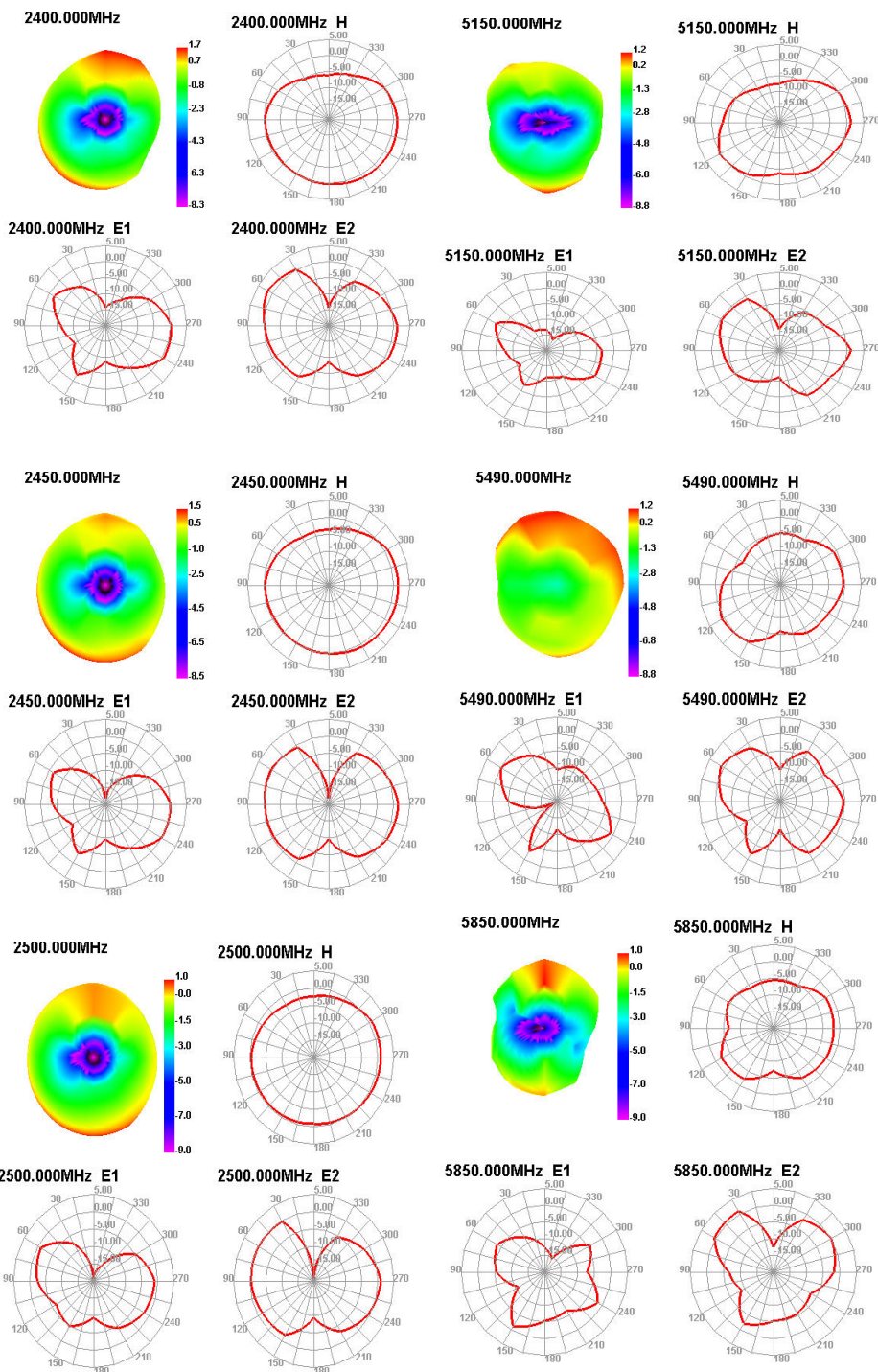
Agilent E5071C



Gain, Efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	71.13	1.69
2410	70.18	1.49
2420	67.85	1.34
2430	67.97	1.32
2440	66.41	1.18
2450	70.23	1.46
2460	65.24	1.27
2470	63.63	1.26
2480	62.37	1.25
2490	65.13	1.36
2500	62.24	0.97

Freq (MHz)	Effi (%)	Gain (dBi)
5150	44.26	1.18
5170	42.63	0.94
5190	42.83	0.95
5210	43.04	0.92
5230	43.17	0.82
5250	41.42	0.6
5270	39.68	0.39
5290	41.85	0.85
5310	40.24	0.86
5330	43.24	1.08
5350	53.63	1.38
5370	51.94	1.03
5390	46.4	0.63
5410	60.96	1.82
5430	53.03	1.25
5450	55.68	1.31
5470	53.2	1.24
5490	51.85	1.15
5510	49.79	0.94
5530	52.81	1.4
5550	52.08	1.57
5570	53.22	1.59
5590	52.69	1.8
5610	54.62	1.93
5630	49.38	1.47
5650	50.54	1.68
5670	49.34	1.18
5690	50.41	1.1
5710	49.79	0.85
5730	55.02	1.07
5750	54.68	1.22
5770	52.27	1.3
5790	51.5	1.72
5810	49.34	1.96
5830	49.8	1.94
5850	46.75	1



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