



规格承认书

SPECIFICATION FOR APPROVAL

编号: 2026042002

File No.

版本: 1.0

Revision

客户 北科视频

CUSTOMER: _____

客户料号

CUSTOMER NO: _____

品名 2.4-5.8GHz Antenna L=75 MM

PART NAME: _____

供方料号 SL186P.300092.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

LuoYi

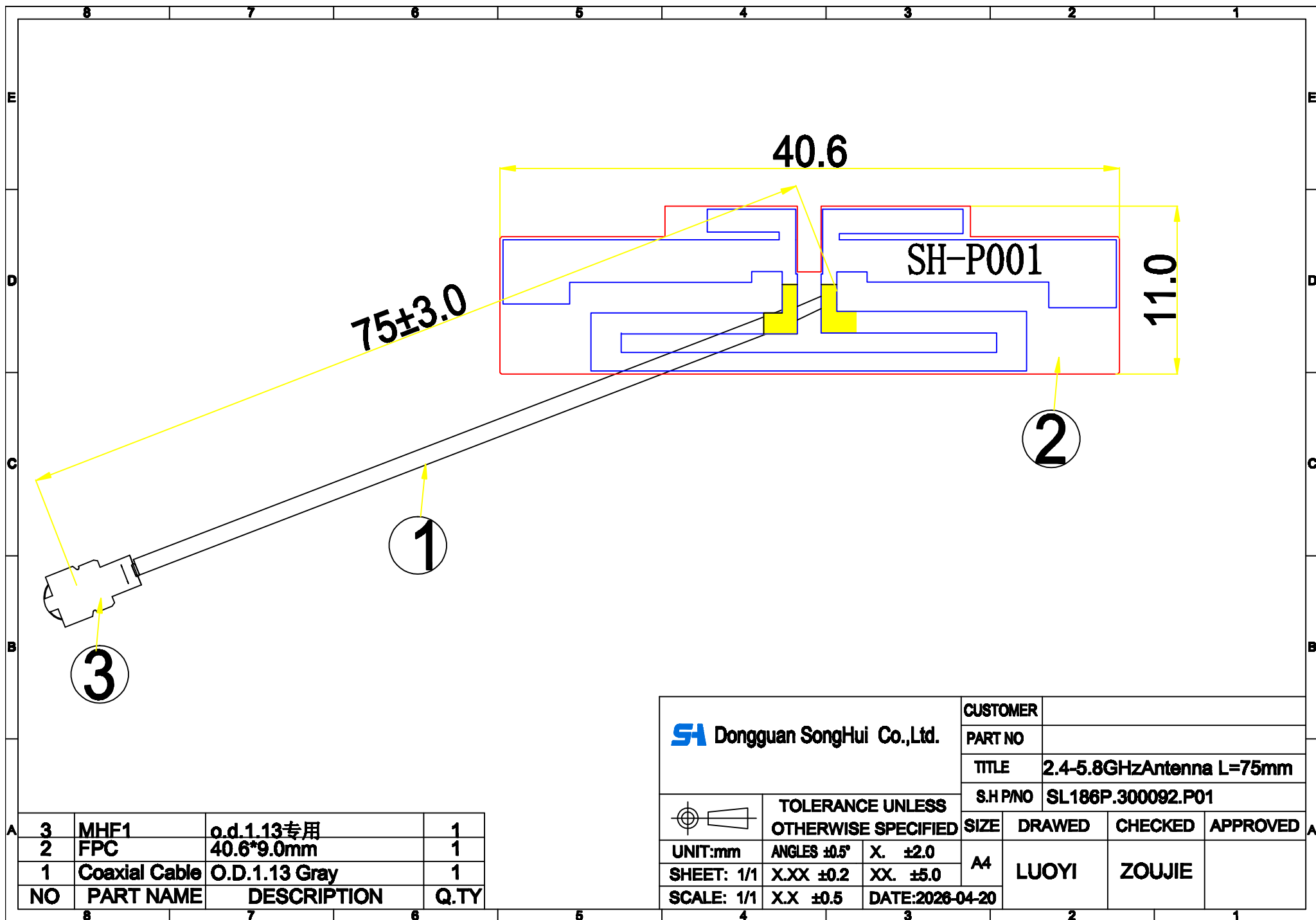
LUYUEPIN

SH-RD-F04

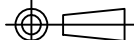


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3	MHF1	o.d.1.13专用	1
2	FPC	40.6*9.0mm	1
1	Coaxial Cable	O.D.1.13 Gray	1
NO	PART NAME	DESCRIPTION	Q.TY

 Dongguan SongHui Co.,Ltd.			CUSTOMER			
			PART NO			
			TITLE		2.4-5.8GHzAntenna L=75mm	
			S.H PNO		SL186P.300092.P01	
	TOLERANCE UNLESS OTHERWISE SPECIFIED		SIZE	DRAWED	CHECKED	APPROVED
UNIT:mm	ANGLES ±0.5°	X. ±2.0	A4	LUOYI	ZOUJIE	
SHEET: 1/1	X.XX ±0.2	XX. ±5.0				
SCALE: 1/1	X.X ±0.5	DATE:2026-04-20				



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)	4.55dBi
Cable Loss	3.2 dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF一代
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // L= 75 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	gray

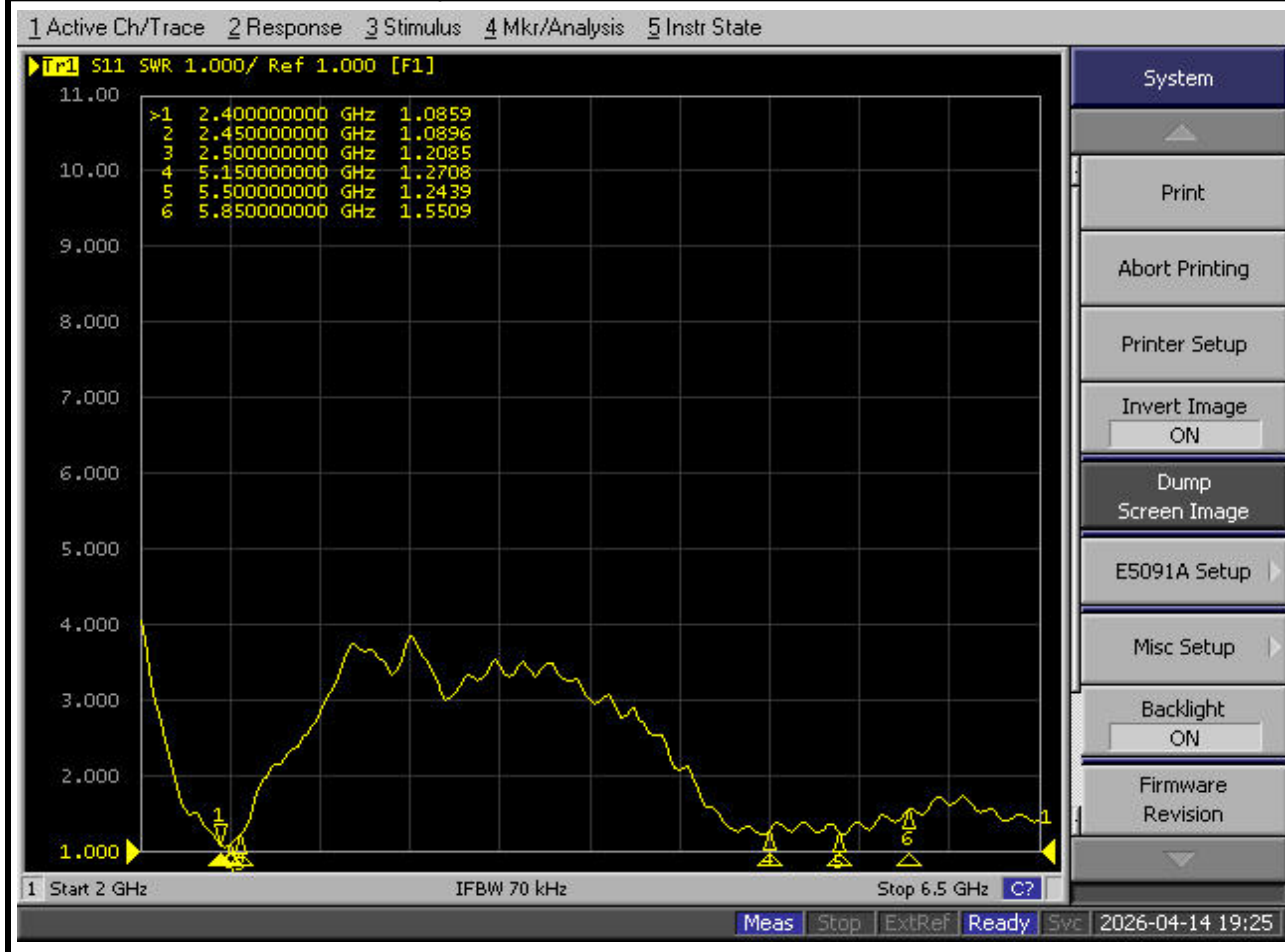
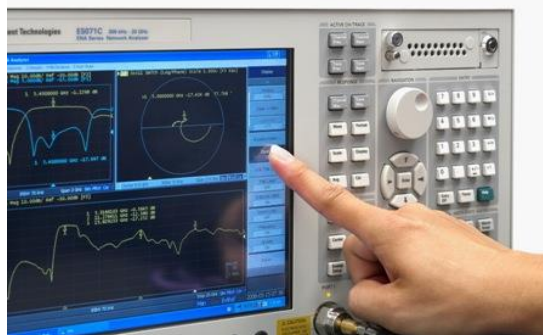
add: 广东省东莞市大朗镇富升路307号2栋1002室电话: 0769-82226176 传真: 0769-82226175



S 参数测试

S Parameter Test

Agilent E5071C

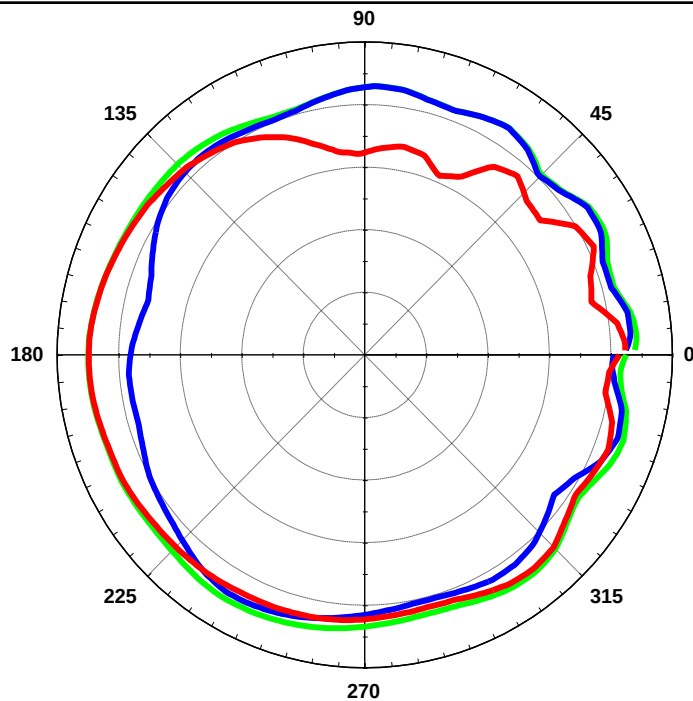


add: 广东省东莞市大朗镇富升路307号2栋1002室电话: 0769-82226176 传真: 0769-82226175

增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*

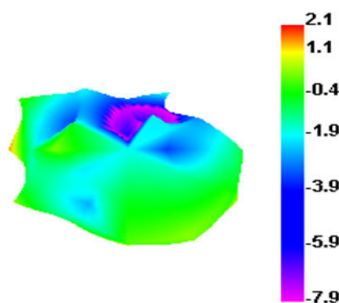


无源--Efficiency/Gain-WIFI 0

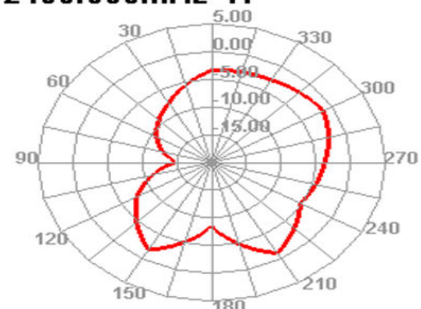
Freq (MHz)	Effi (%)	Gain (dBi)
2400	52.45	3.45
2410	53.64	3.47
2420	55.78	3.48
2430	59.79	3.57
2440	59.41	3.28
2450	61.7	3.11
2460	56.31	3.29
2470	60.02	3.45
2480	59.06	3.25
2490	59.35	3.12
2500	53.75	2.67

5100	56.32	3.81
5120	58.37	4.19
5140	53.88	4.08
5160	55.02	4.55
5180	48.49	4.15
5200	49.48	4.07
5220	54.46	3.49
5240	50.54	3.85
5260	47.05	3.35
5280	49.45	3.27
5300	52.02	3.2
5320	48.06	2.32
5340	45.24	1.97
5360	44.77	2.03
5380	49.25	2.29
5400	55.38	2.79
5420	54.85	2.44
5440	54.12	2.67
5460	53.34	2.61
5480	53.05	2.52
5500	58.04	3.07
5520	51.44	2.61
5540	47.15	2.58
5560	46.8	3.07
5580	53.4	2.96
5600	53.34	3.93
5620	45.45	2.06
5640	50.06	2.5
5660	51.1	2.23
5680	52.62	2.45
5700	53.12	3.14
5720	48.65	2.34
5740	54.8	2.28
5760	55.04	2.22
5780	57.14	2.46
5800	49.99	1.98
5820	55.72	2.37
5840	51.18	2.19
5860	49.07	2.52
5880	54.78	2.72

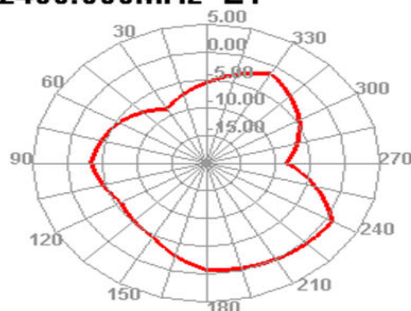
2400.000MHz



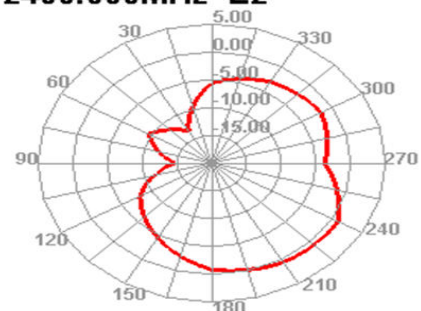
2400.000MHz H



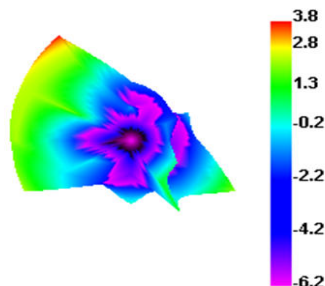
2400.000MHz E1



2400.000MHz E2



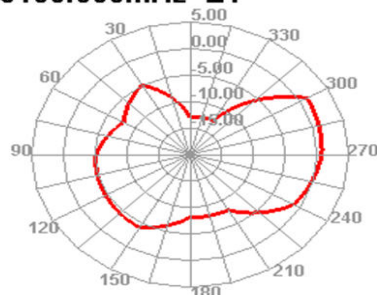
5100.000MHz



5100.000MHz H



5100.000MHz E1



5100.000MHz E2

