

规格承认书

SPECIFICATION FOR APPROVAL

编号: 2025072902

File No. _____

版本: 1.0

Revision _____

客 户 敏动

CUSTOMER: _____

客 户 料 号

CUSTOMER NO: _____

品 名 2.4-5.8 FPC天线 MHF3代/0.81黑色线 L=40MM

PART NAME: _____

供 方 料 号 SL233P.300018.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

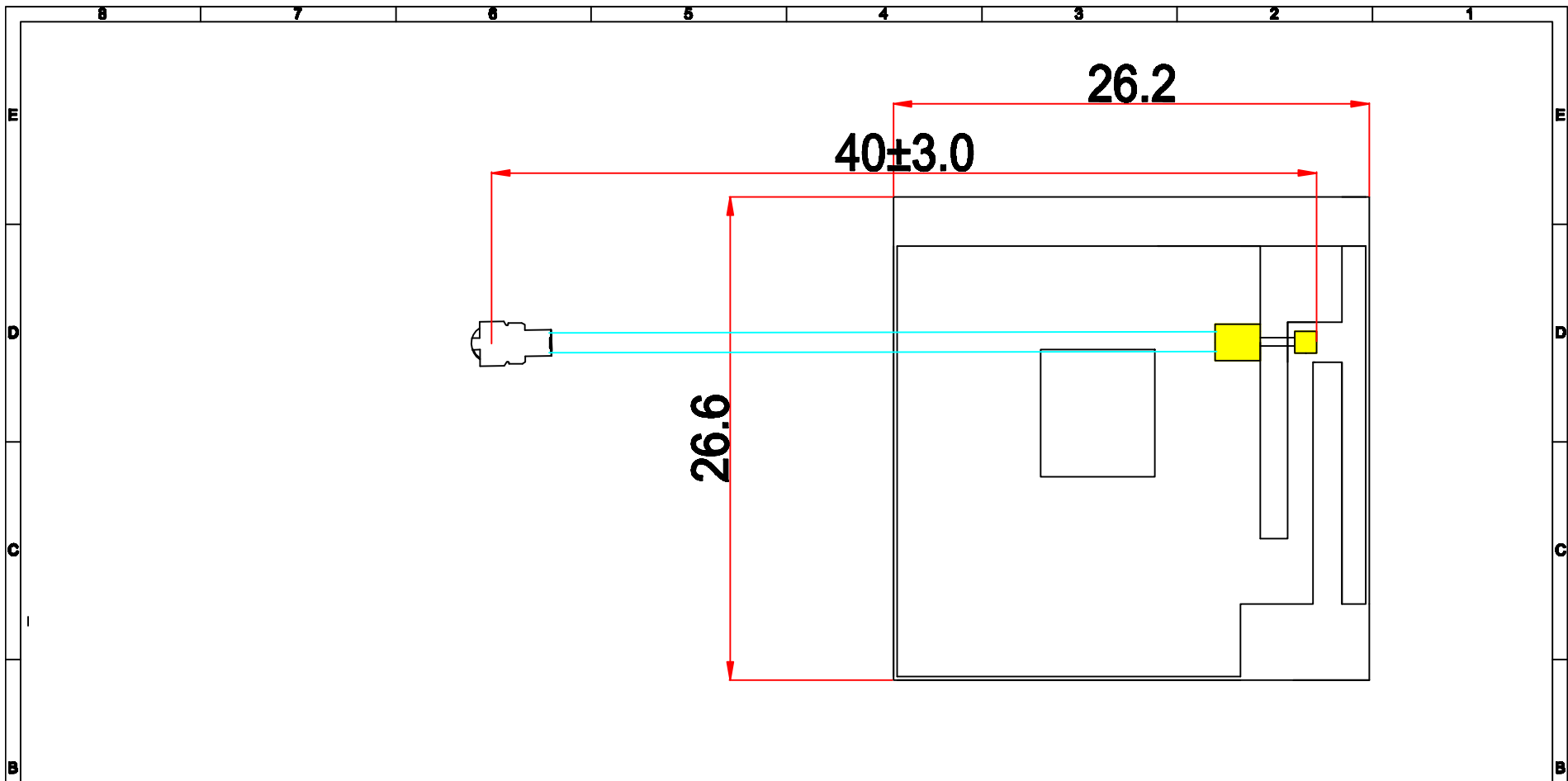
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

add: 东莞市大朗镇佛新聚祥二路26号 电话: 0769-82226176 传真: 0769-82226175 04-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 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	电性测试报告 (Test Reports)	1	4
5	S参数测试 (S Parameter)	1	5
6	增益测试 (Gain Test)	1	6
7	测试报告	1	7
8			
9			
10	-	-	-
11	-	-	-
12	-	-	-



3	MHF 3	O.D.0.81专用	1
2	FPC	26.2*26.6mm	1
1	Coaxial Cable	O.D.0.81 黑色	1
NO	PART NAME	DESCRIPTION	Q.TY

 东莞市松汇实业有限公司 Dongguan Songhui Co., Ltd.			CUSTOMER			
			PART NO			
			TITLE		2.4-5.8GHzAntenna L=40mm	
			S.H P/NO		SL233P.300018.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:2025-07-16				



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)	4.23dBi
Cable Loss	2dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF3代
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 0.81// L= 40mm
Operating Temp.	-10 ~ +80 °C
Storage Temp.	-10 ~ +80 °C
Cable Color	black

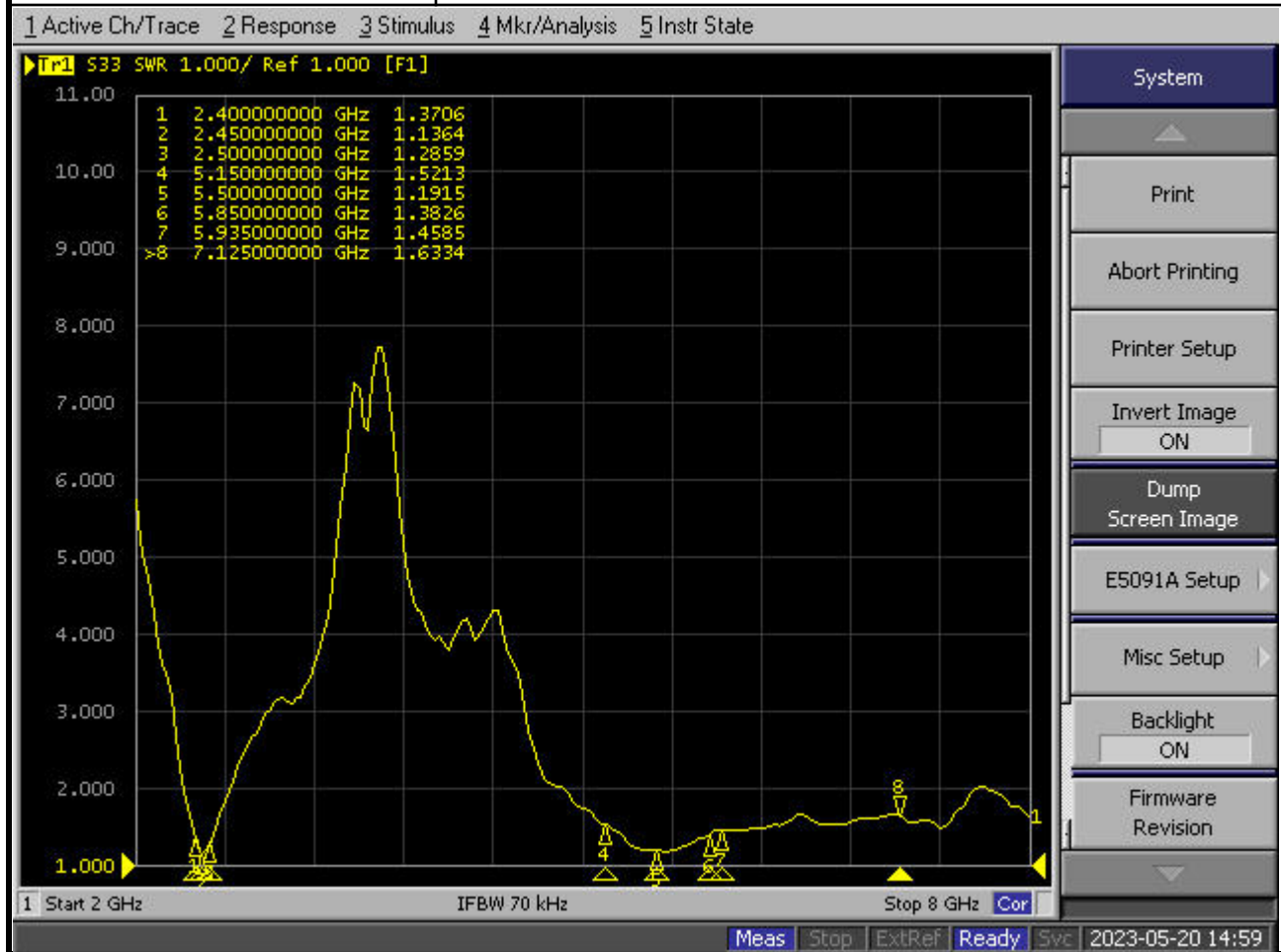
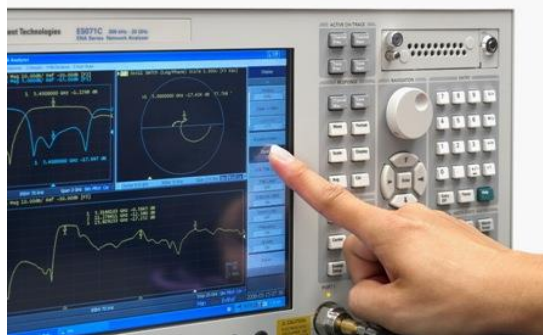
add: 东莞市大朗镇佛新聚祥二路26号 电话: 0769-82226176 传真: 0769-82226175



S 参数测试

S Parameter Test

Agilent E5071C



add: 东莞市大朗镇佛新聚祥二路26号 电话: 0769-82226176 传真: 0769-82226175



增益测试

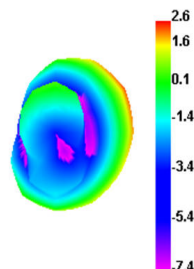
Gain Test

Freq (MHz)	Effi (%)	Gain (dBi)
5100	43.18	4.23
5120	50.91	3.98
5140	49.18	2.87
5160	48.91	2.73
5180	48.03	2.48
5200	58.64	2.56
5220	53.13	2.17
5240	55.99	2.58
5260	53.65	2.43
5280	52.85	1.61
5300	46.01	2.21
5320	50.29	2.69
5340	58.5	2.58
5360	57.5	2.32
5380	51.18	2.36
5400	45.63	1.9
5420	56.66	2.2
5440	52.75	2.12
5460	51.23	2.08
5480	47.63	2.05
5500	47.5	2.13
5520	44.63	1.92
5540	52.8	2.77
5560	53.52	1.89
5580	52.2	1.96
5600	51.17	2.85
5620	45.46	2.48
5640	51.9	3.04
5660	51.99	3.24
5680	54.08	3.43
5700	51.08	3.16
5720	56.92	3.67
5740	42.77	2.1
5760	45.5	2.24
5780	48.16	3.32
5800	47.73	3.2
5820	52.11	3.5
5840	57.64	3.01
5860	53.84	3.63
5880	49.66	3.48
5900	49.75	2.42

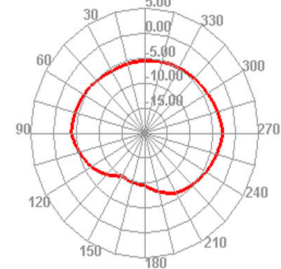
Freq (MHz)	Effi (%)	Gain (dBi)
2400	60.72	2.58
2410	63.01	2.76
2420	60.95	2.57
2430	63.58	2.71
2440	61.67	2.63
2450	63.36	2.78
2460	62.82	2.78
2470	64.06	2.74
2480	67.4	2.77
2490	72.73	2.89
2500	68.48	2.48

2400.00MHz - 2500.00MHz

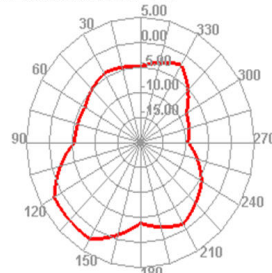
2400.000MHz



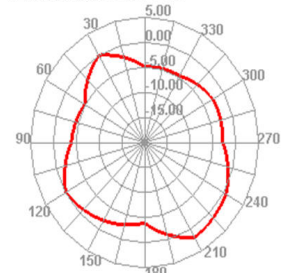
2400.000MHz H



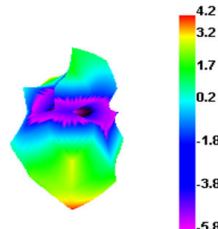
2400.000MHz E1



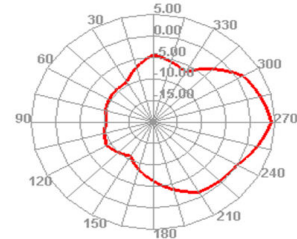
2400.000MHz E2



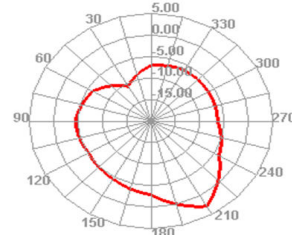
5100.000MHz



5100.000MHz H



5100.000MHz E1



5100.000MHz E2

