



规格承认书

SPECIFICATION FOR APPROVAL

编号: 2024082001

File No. _____

版本: 1.0

Revision _____

客 户 欧博

CUSTOMER: _____

客 户 料 号

CUSTOMER NO: _____

品 名 2.4GHz天线 1.13灰色线-MHF1 L=50MM

PART NAME: _____

供 方 料 号 **SL310P.300001.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

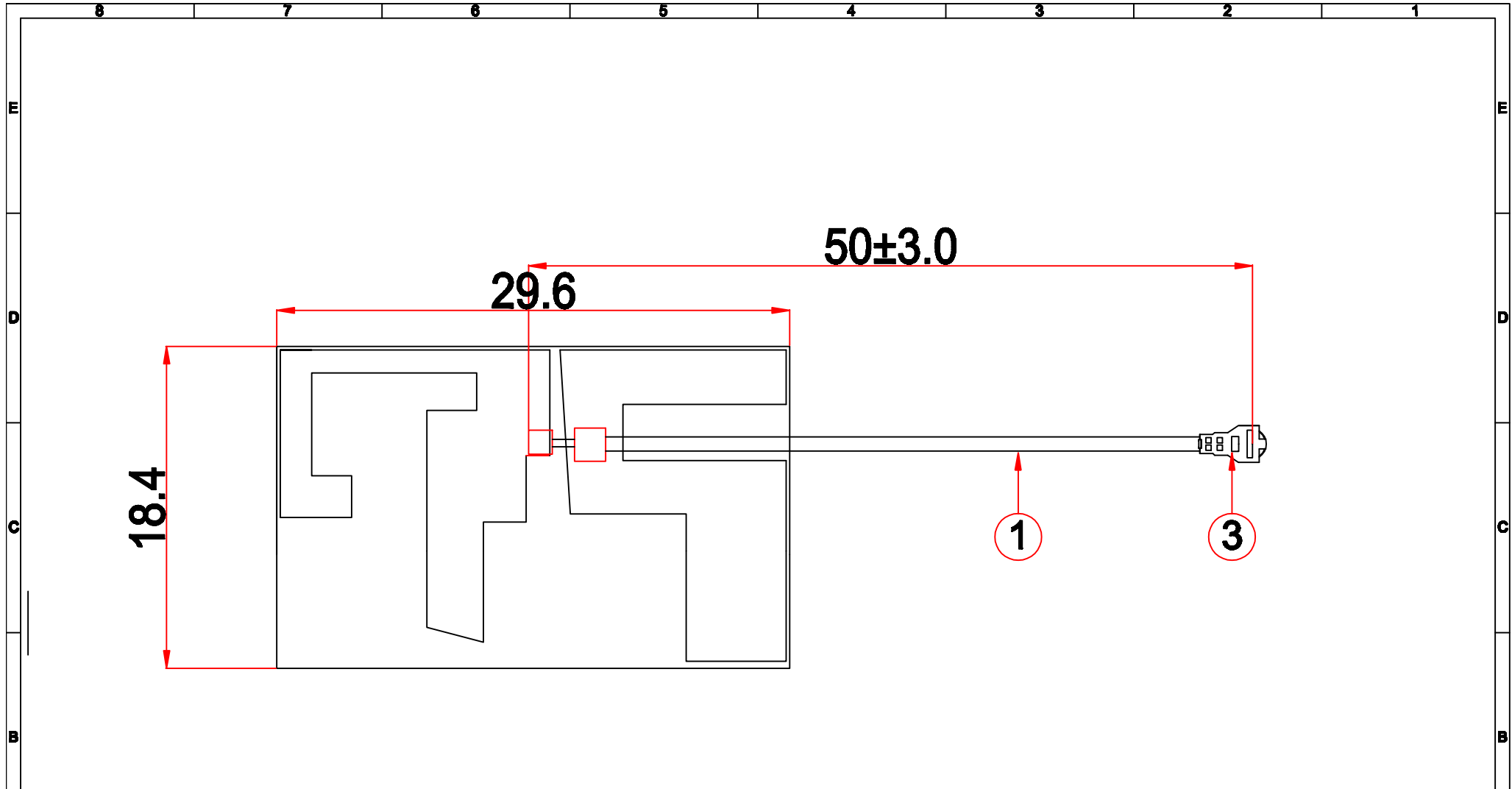
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

SH-RD-F04-A




承认书项目表

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12	-	-	-



3	MHF1	O.D.1.13专用	1
2	PPC柔性板	L29.6*W18.4*T0.2mm	1
1	Coaxial Cable	O.D.1.13 GRAY	1
NO	PART NAME	DESCRIPTION	Q.TY

 东莞市松汇实业有限公司 Dongguan SongHui Co.,Ltd.			CUSTOMER		D2N-WIFI5G	
			PART NO			
TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE		2.4-5.8GHzAntenna L=50mm		
		S.H P/NO		SL310P.300001.P01		
UNIT:mm	ANGLES ±0.5°	X. ±2.0	SIZE	DRAWN	CHECKED	APPROVED
SHEET: 1/1	X.XX ±0.2	XX. ±5.0	A4	LUOYI	ZOUJIE	
SCALE: 1/1	X.X ±0.5	DATE:2024-06-15				



电性测试报告

Test Reports

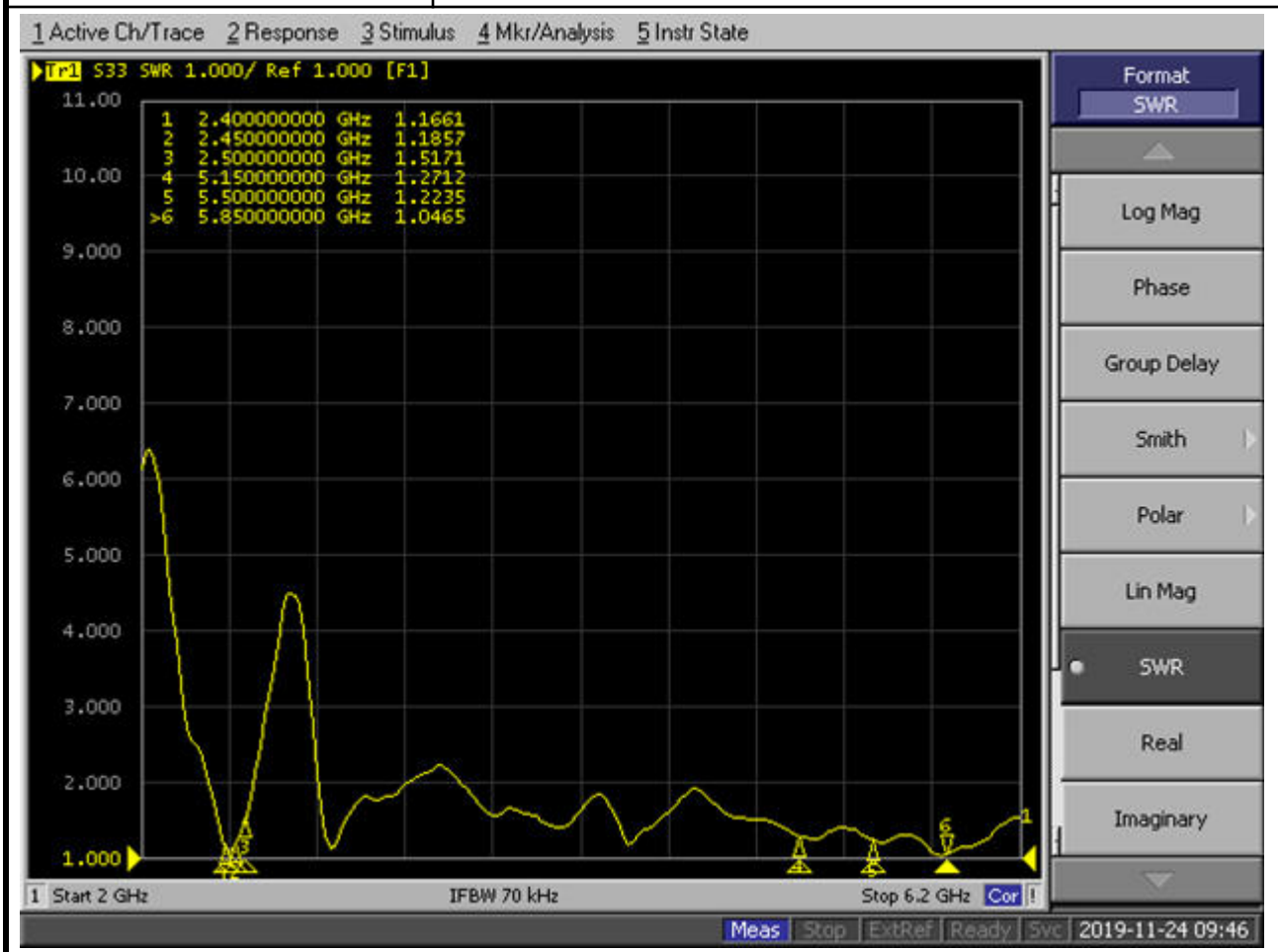
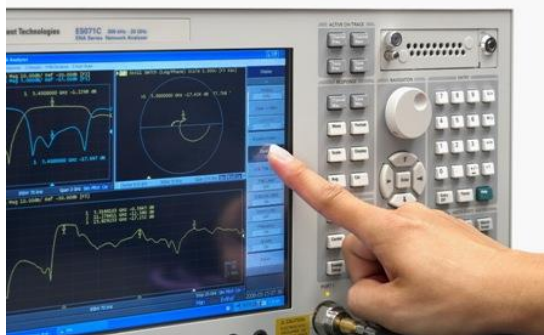
Electrical Properties	
Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	>2dBi
Efficiency	>48%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF4
Physical Properties	
Antenna Material	PCB
Cable Type	O.D. 0.81mm // L=50mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	GRAY



S 参数测试

S Parameter Test

Agilent E5071C

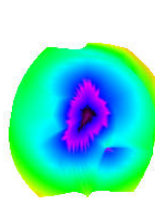


add: 东莞市大朗镇巷尾村聚祥二路24号 电话: 0769-82226176 传真: 0769-82226175
No. 24 Juxiang 2nd Road, Xiangwei Village, Dalang Town, Dongguan City
Phone: 0769-82226176 Fax: 0769-82226175

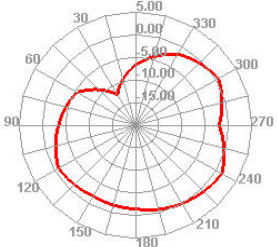
Gain, Efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	63	2.6
2410	66.48	2.23
2420	62.71	2.02
2430	68.01	2.11
2440	60	2.05
2450	62.85	2.41
2460	61.63	2.69
2470	63.67	2.92
2480	63.98	2.94
2490	69.56	2.85
2500	61.75	2.58

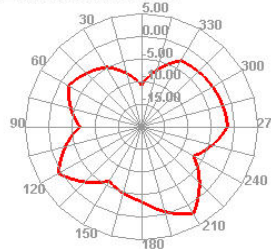
2400.000MHz



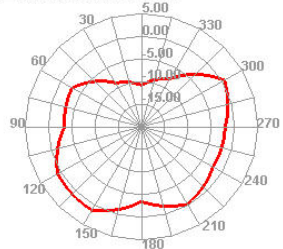
2400.000MHz H



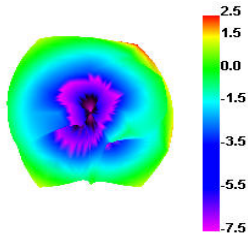
2400.000MHz E1



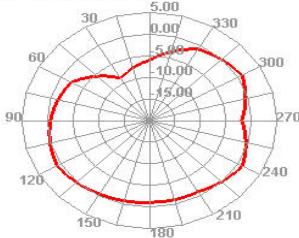
2400.000MHz E2



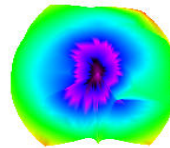
2500.000MHz



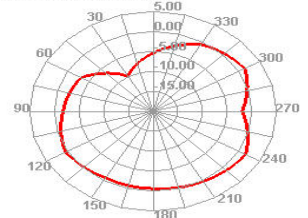
2500.000MHz H



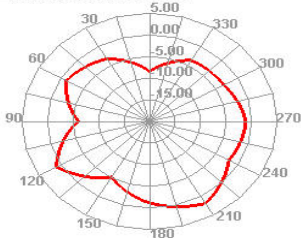
2450.000MHz



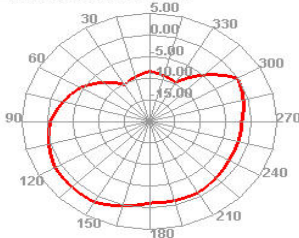
2450.000MHz H



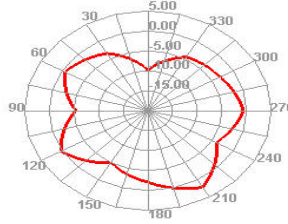
2500.000MHz E1



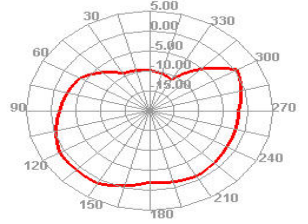
2500.000MHz E2



2450.000MHz E1



2450.000MHz E2



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	18.56	
				6	2437	17.1	
				11	2462	19.12	
		G	6	1	2412	15.94	
				6	2437	15.6	
				11	2462	15.79	
		N	MCS7	1	2412	14.8	
				6	2437	14.9	
				11	2462	14.3	
		A	6	36	5180		
				149	5745		
				165	5825		
	TIS	B	11	1	2412	-85.93	
				6	2437	-85.93	
				11	2462	-85.93	
		G	54	1	2412	-72.51	
				6	2437	-72.51	
				11	2462	-72.51	
		N	MCS7	1	2412	-69.3	
				6	2437	-69.3	
				11	2462	-69.3	
		A	54	1	2412		
				6	2437		
				11	2462		