



Antenna specifications

编 号: 2024090902

File No. _____

版 本: 1.0

Revision _____

客 户

CUSTOMER: _____

客 户 料 号

CUSTOMER NO: _____

品 名

PART NAME: 金属 天线/Metal antenna L=22.6MM

供 方 料 号

SUPPLIER NO: **SL205P.300047.P01**

送样日期 Date:

送样数量 Q'TY: PCS

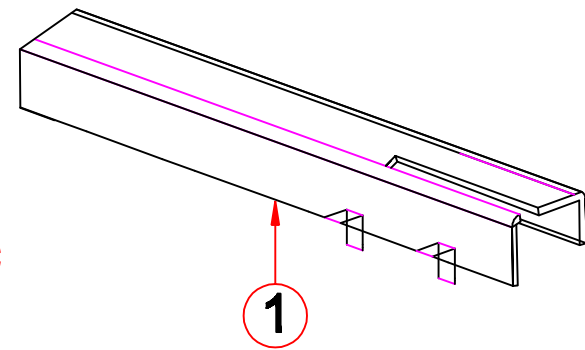
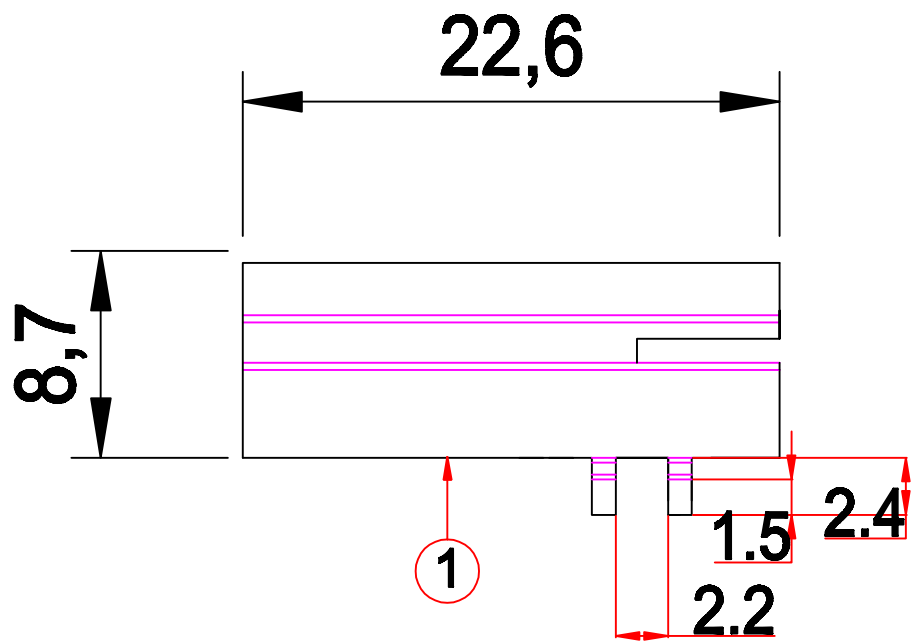
Manufacturer: Shenzhen Yingying Trading Co., Ltd
206, Building 37, Yintian Industrial Zone, Yantian Community, Xixiang Street,
Bao'an District, Shenzhen



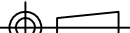


承认书项目表

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1	MET	22.6*8.7*0.2MM	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					
			S.H P/NO		SL205P.300047.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:2024-05-10					



电 性 测 试 报 告

Test Reports

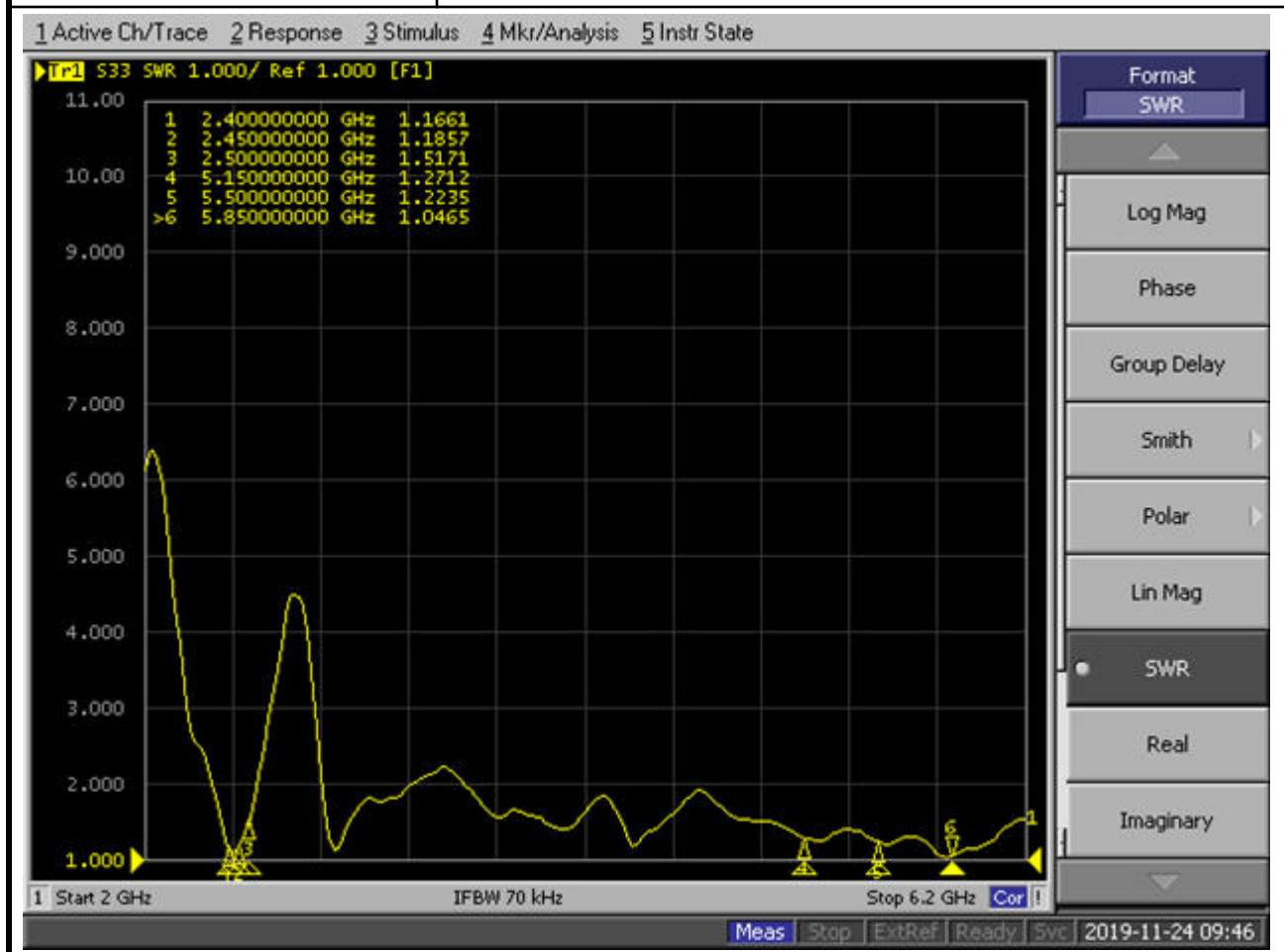
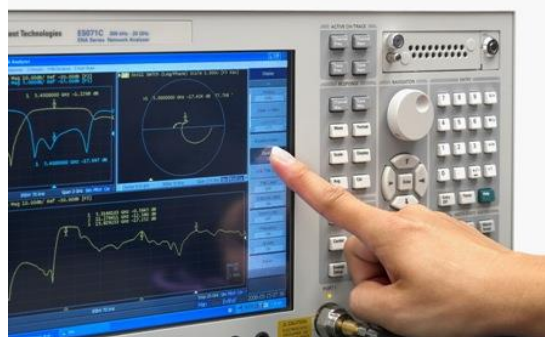
Electrical Properties	
Frequency	2400-2500/5150-5850MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	4.65dBi(2.4G) 3.85dBi(5.0G)
Efficiency	>50%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	
Physical Properties	
Antenna Material	MET
Cable Type	
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	



S 参数测试

S Parameter Test

Agilent E5071C





增益效率gain efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	82.28	4.14
2410	79.08	3.81
2420	80.77	3.7
2430	74.6	3.45
2440	79.07	3.88
2450	72.73	3.58
2460	66.54	3.19
2470	62.6	3.19
2480	73.91	4.57
2490	80.13	4.32
2500	83.34	4.65

Freq (MHz)	Effi (%)	Gain (dBi)
5150	55.4	3.5
5175	55.96	3.67
5200	50.2	3.19
5225	57.49	3.85
5250	55.14	2.66
5275	56.96	3.28
5300	51.43	2.71
5325	58.5	3.17
5350	55.34	2.86
5375	56.1	2.93
5400	68.97	3.7
5425	60.16	3.02
5450	58.87	2.95
5475	58.38	2.94
5500	62.16	3.23
5525	52.1	2.3
5550	60.68	2.93
5575	52.2	2.44
5600	57.66	2.91
5625	49.17	2.08
5650	58.33	2.63
5675	45.2	1.18
5700	51.83	2.09
5725	46.25	1.95
5750	54.79	2.52
5775	46.01	1.81
5800	56.85	3.26
5825	54.86	2.13
5850	51.94	2.84

