



表单编号: CYX-FM-RD004-A

材料承认书

Material acceptance

厂 商:

Manufacturer

Dongguan Songhui Industrial Co., LTD

品 名:

Name of a part

HOA-WIF5G-1 antenna 0.81 black wire 4th generation terminal L=80MM

料 号:

Part Number

物 料 规 格

Material specification

PCB +081 Black wire L=80mm 4th generation terminal
WIFI+BT

制作 Fabrication	审核 Examine and verify	批准 Ratify

Tel:0755-23596969

Company web site:<http://www.cyxtech.com/>

深圳市龙华新区高峰社区科伦特低碳产业园 C 栋

Add: 5 / F, 1 Building, Xiazaos Industrial Zone, Zhaohe Road, Fengfeng Community

Longhua New District, Shenzhen City



规格承认书

SPECIFICATION FOR APPROVAL

编号: 2024101601

File No. _____

版本: 1.0

Revision _____

客户料号

CUSTOMER NO: _____

品名 HOA-WIFI5G

PART NAME: _____

供方料号 **SL136P.300080.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

add: 东莞市大朗镇巷尾村聚祥二路24号 电话: 0769-82226176 传真: 0769-82226175



电 性 测 试 报 告

Test Reports

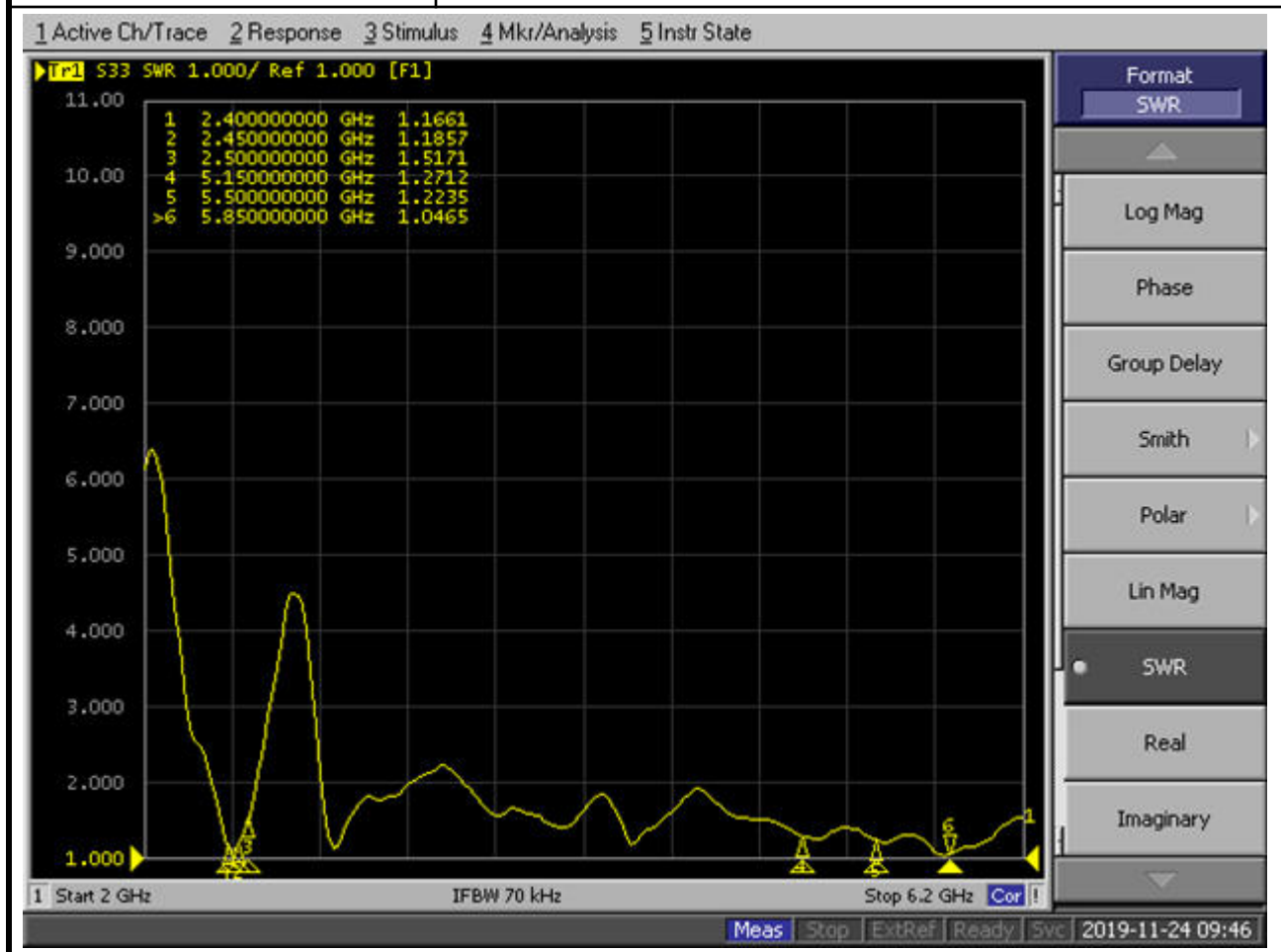
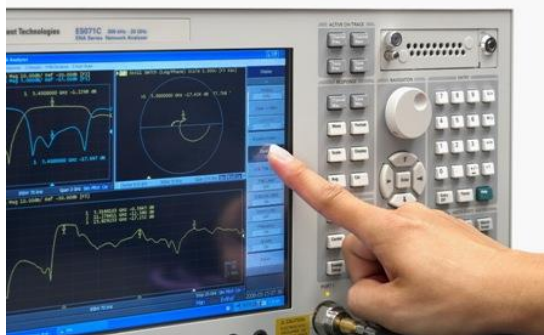
Electrical Properties	
Frequency	2400-2500/5150-5850MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2.4G:2.78dBi 5G:3.36dBi
Efficiency	>48%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF4
Physical Properties	
Antenna Material	PCB
Cable Type	O.D. 0.81mm // L=80mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black



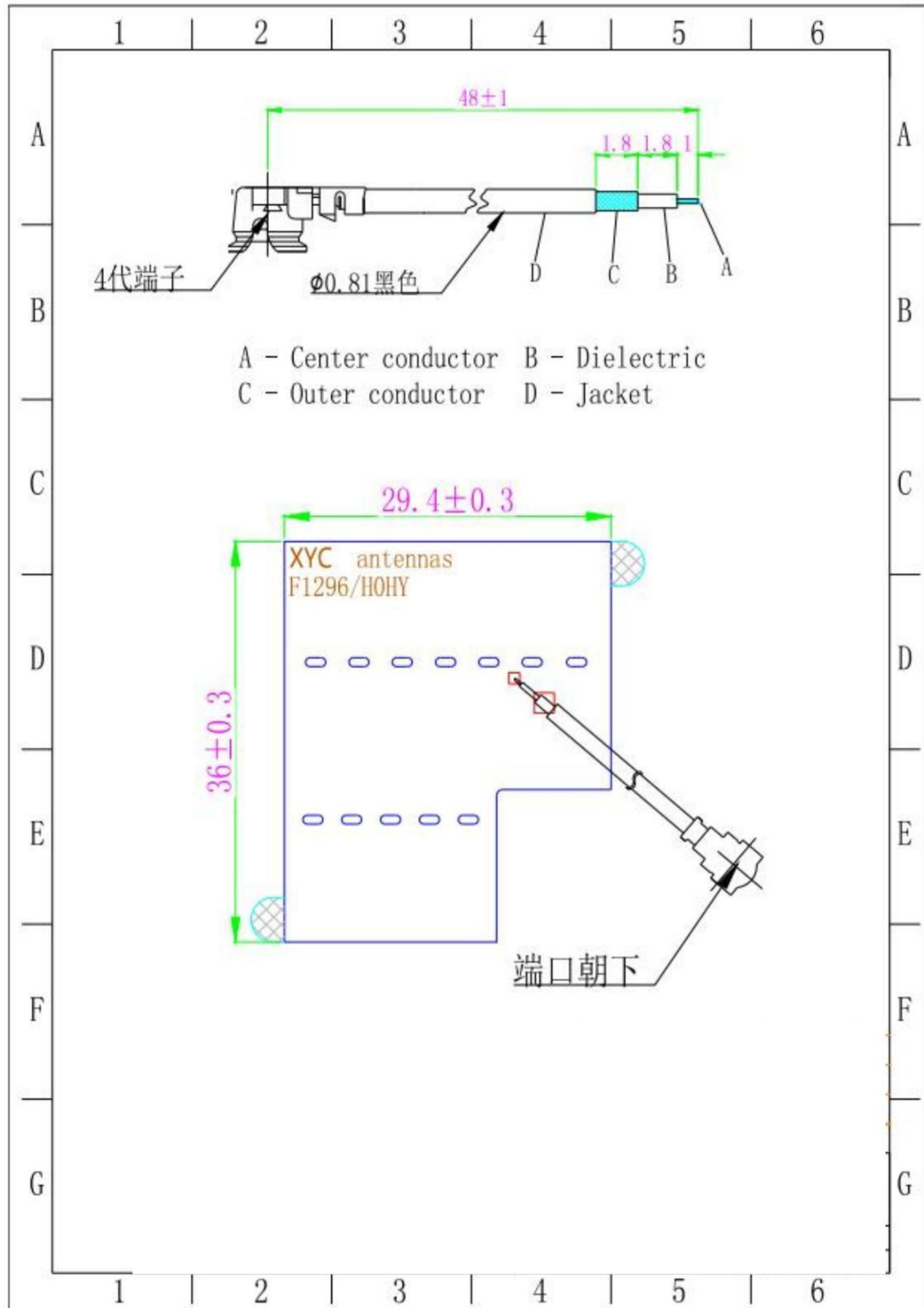
S 参数测试

S Parameter Test

Agilent E5071C



Antenna Assembly



地址：深圳市宝安区福永镇福海街道塘尾股份大厦1506

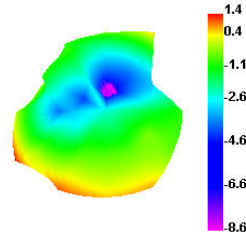
Address: 1506, Tangwei Stock Building, Fuhai Street, Fuyong Town, Baoan District, Shenzhen

Tel: 0755-82103639 QQ: 487580356 Email: Stephdeng_Vis@126.com

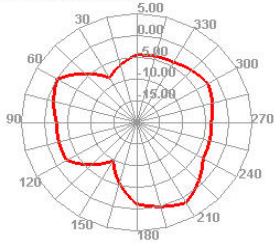
Gain, Efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	49.73	1.36
2410	55.81	2.08
2420	53.03	2.2
2430	53.02	2.6
2440	49.15	2.46
2450	48.82	2.51
2460	52.57	2.78
2470	51.89	2.72
2480	50.89	2.76
2490	49.25	2.86
2500	52.33	3.34
Freq (MHz)	Effi (%)	Gain (dBi)
5150	45.89	2.12
5175	45.47	2
5200	44.23	1.67
5225	43.08	1.58
5250	40.22	1.27
5275	44.51	2
5300	41.86	2.17
5325	42.37	2.29
5350	47.82	3.36
5375	41.77	2.3
5400	51.34	2.82
5425	43.73	1.77
5450	45.49	2.4
5475	43.68	1.72
5500	52.45	2.47
5525	39.84	1.31
5550	39.07	2.7
5575	42.53	1.84
5600	40.57	3.31
5625	41.37	1.74
5650	47.14	2.77
5675	44.45	0.74
5700	47.14	2.57
5725	49.74	1.51
5750	48.29	2.92
5775	39.63	1.67
5800	42.78	2.97
5825	38.54	1.25
5850	43.66	2.53

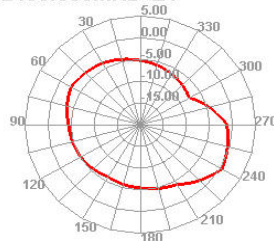
2400.000MHz



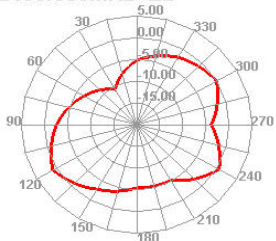
2400.000MHz H



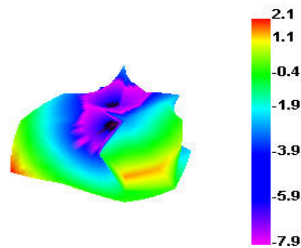
2400.000MHz E1



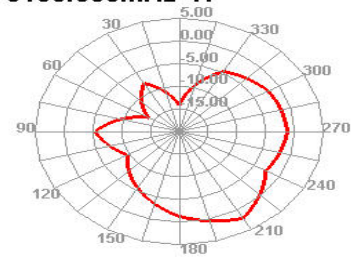
2400.000MHz E2



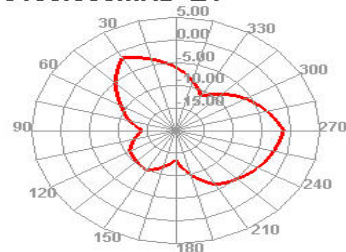
5150.000MHz



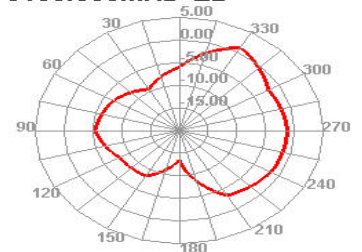
5150.000MHz H



5150.000MHz E1



5150.000MHz E2





OTA测试报告

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	16.6	HOA
				6	2437	17.6	
				11	2462	17.9	
		G	6	1	2412	13.2	
				6	2437	15.6	
				11	2462	14.5	
		N	MCS7	1	2412	12.5	
				6	2437	14.5	
				11	2462	13.6	
		A	6	36	5180	16.2	
				149	5745	17.5	
				165	5825	17.7	
	TIS	B	11	1	2412	-78	
				6	2437	-78	
				11	2462	-78	
		G	54	1	2412	-63	
				6	2437	-63	
				11	2462	-63	
		N	MCS7	1	2412	-58	
				6	2437	-58	
				11	2462	-58	
		A	54	1	2412	-71	
				6	2437	-71	
				11	2462	-71	

