表单编号： CYX-FM-RD004-A

深圳创盈芯实业有限公司

Shenzhen Chuangyingxin technology co., Ltd

材料承认书

Material acceptance

厂　　商： **Manufacturer**	
品　　名： **Name of a part**	G3DK- **WIF5G**-AUX 天线 **0.81** 黑色线 **4** 代端子 **L=**256**MM**
料　　号： **Part Number**	
物 料 规 格 **Material specification**	WIFI+BT 天线 **PPC**柔板 + 081黑色线 L=256㎜ 4 代端子

Tel:0755-23596969

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

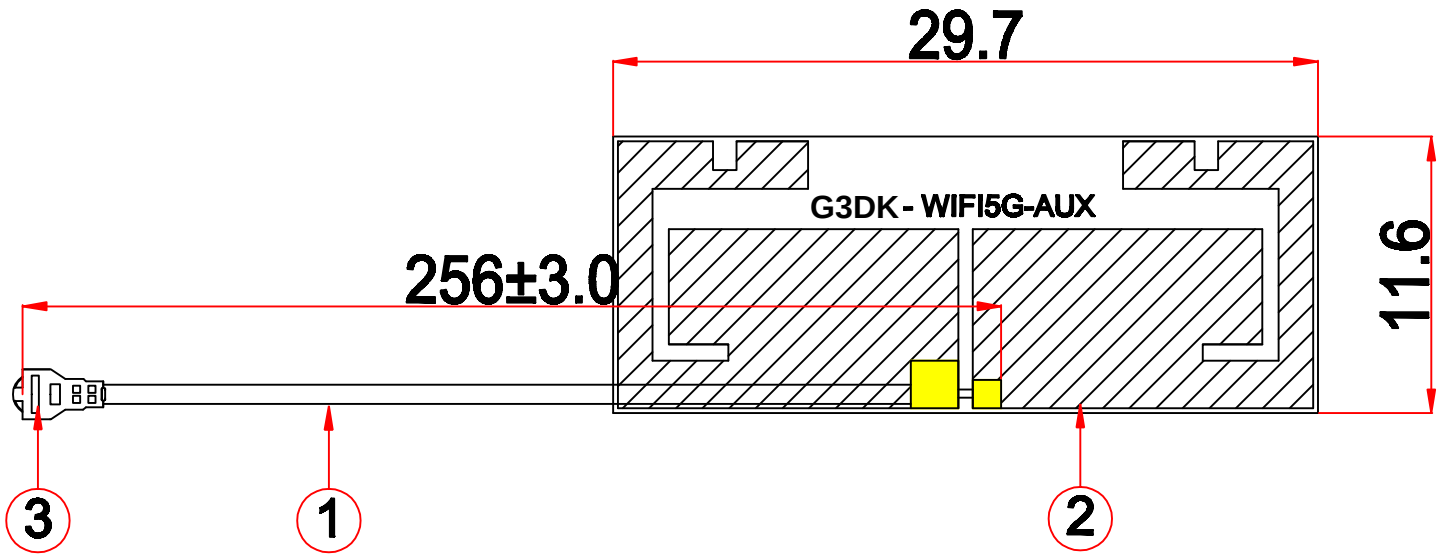
深圳市龙华新区高峰社区科伦特低碳产业园 C 栋

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

Longhua New District, Shenzhen City

电 性 测 试 报 告
Test Reports

Electrical Properties	
Frequency	2400-2500/5150-5850MHz
Impedance	50 0hm 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柔性板
Cable Type	O.D. 0.81mm // L=256mm
Operating Temp.	-10 ~ +60 ˚C
Storage Temp.	-10 ~ +70 ˚C
Cable Color	BLACK



NO	PART NAME	DESCRIPTION	Q.TY
3	MHF4	O.D.0.81专用	1
2	PPC柔性板	L29.7*W11.6*T0.2mm	1
1	Coaxial Cable	O.D.0.81 BLACK	1

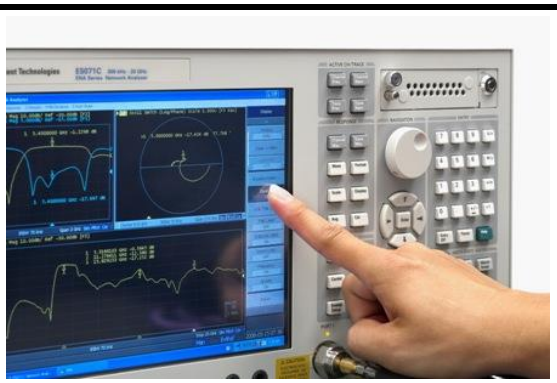
东莞市松汇实业有限公司
Dongguan SongHui Co.,Ltd.

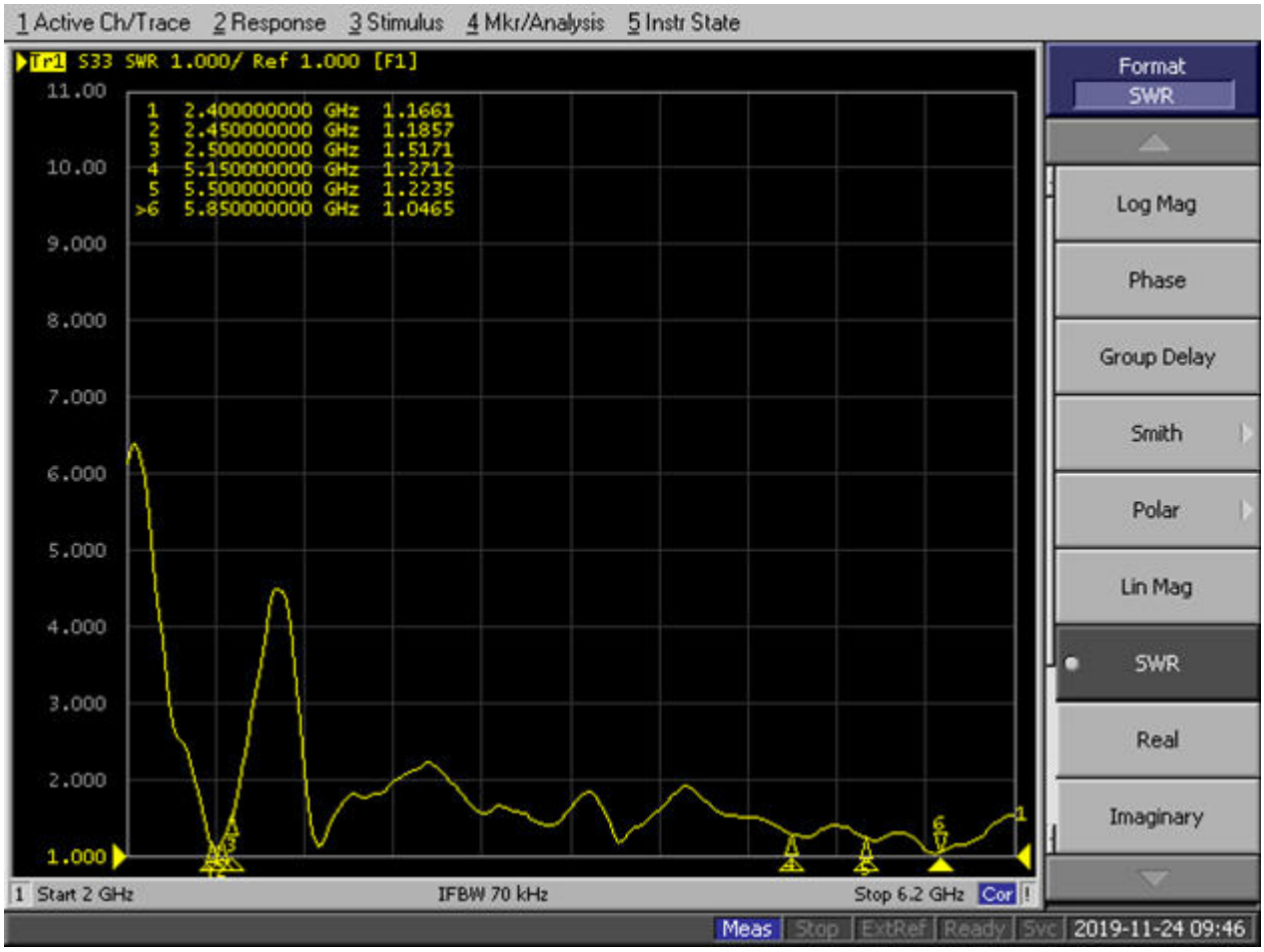
CUSTOMER	GKD3-AUX		
PART NO			
TITLE	2.4-5.8GHzAntenna L=256mm		
S.H P/NO	SL136P.300098.P01		
SIZE	DRAWED	CHECKED	APPROVED
A4	LUOYI	ZOUJIE	

TOLERANCE UNLESS OTHERWISE SPECIFIED		
UNIT:mm	ANGLES ±0.5°	X. ±2.0
SHEET: 1/1	X.XX ±0.2	XX. ±5.0
SCALE: 1/1	X.X ±0.5	DATE:2025-05-15

S 参 数 测 试

S Parameter Test

Agilent E5071C	



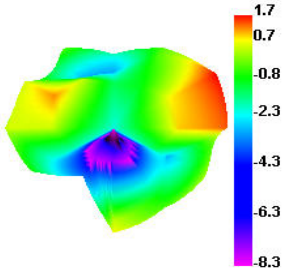
add：东莞市大朗镇巷尾村聚祥二路24号　　电话：0769-82226176　　传真：0769-82226175

Gain, Efficiency

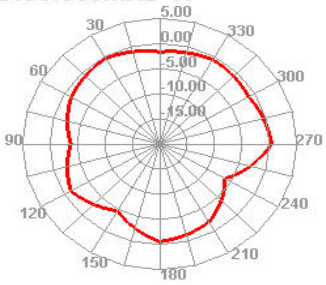
Freq (MHz)	Effi (%)	Effi (dB)
2400	61.79	1.7
2410	69.9	2.44
2420	70.78	2.75
2430	69.48	2.82
2440	72.94	3.28
2450	71.26	3.25
2460	73.67	3.14
2470	70.82	2.61
2480	72.43	2.21
2490	70.94	2.14
2500	77.08	2.58

Freq (MHz)	Effi (%)	Gain (dBi)
5150	58.93	2.22
5175	51.04	1.25
5200	54.42	2.03
5225	50.24	1.35
5250	48.36	1.65
5275	55.1	2.22
5300	51.24	2.07
5325	54.52	2.04
5350	73.57	4.08
5375	59.68	2.48
5400	62.35	2.44
5425	50.56	1.5
5450	70.65	3.66
5475	51.73	1.94
5500	69.36	3.94
5525	56.58	3.04
5550	79.41	4.61
5575	59.94	3.2
5600	77.21	4.78
5625	59.73	3.16
5650	79.89	4.73
5675	57.18	2.8
5700	77.68	4.21
5725	58.6	2.76
5750	77.8	3.91
5775	58.11	2.03
5800	83.1	4.14
5825	55.15	2.2
5850	77.83	4.16

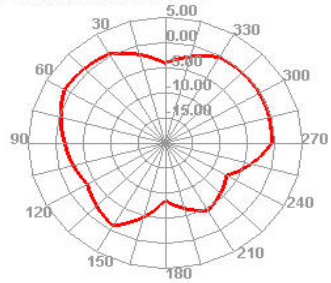
2400.000MHz



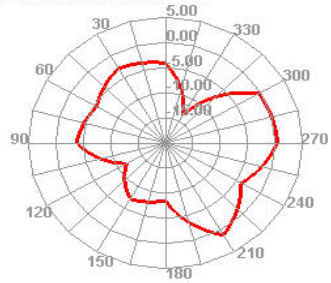
2400.000MHz H



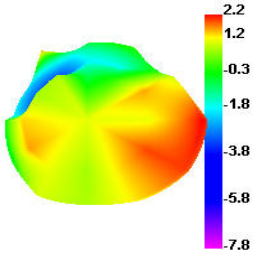
2400.000MHz E1



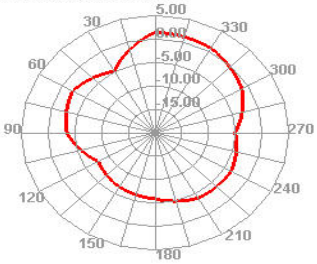
2400.000MHz E2



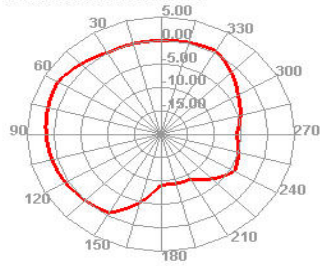
5150.000MHz



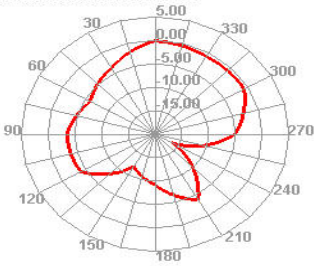
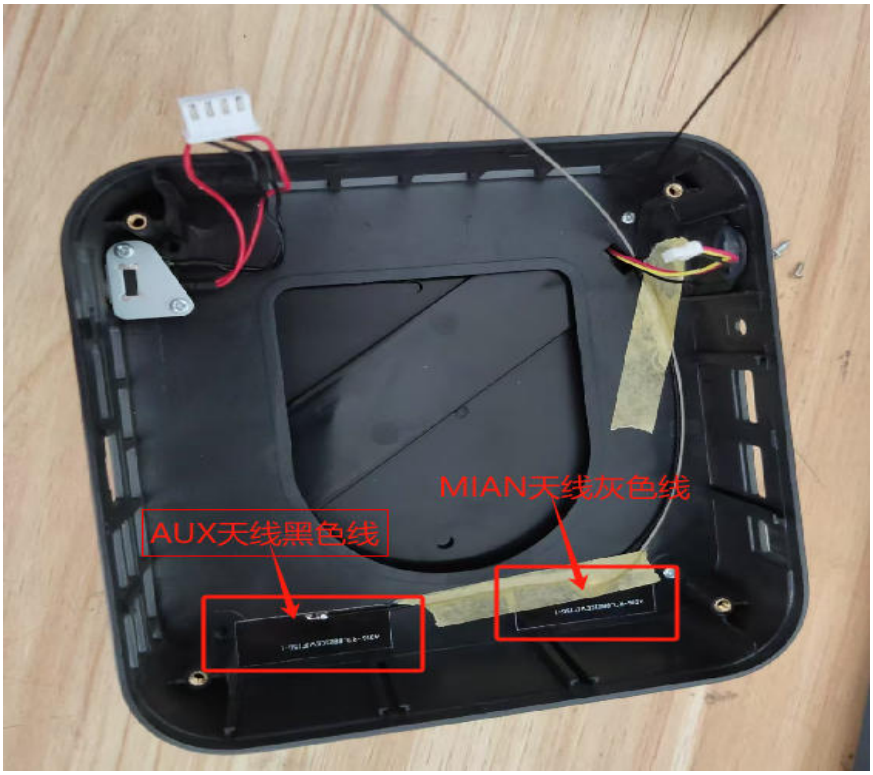
5150.000MHz H



5150.000MHz E1



5150.000MHz E2



天线组装图