



广东森领通信科技有限公司

GUANGDONG SLEING COMM-TECH CO., LTD

承认书

SPECIFICATION APPROVAL SHEET

客 户 :

CUSTOMER

客 户 料 号 :

CUS PART NO

版次:

REV

X1

品 名 / 规格 :

1G 刀锋天线

单重:

SPECIFICATION

weight

供 方 料 号 :

SUP PART NO

SLEingA100630201-F07

日 期 :

DATE

2025.05.19

厂 商 核 准 :

SUP APPROVED

核准 APPROVED	结构审核 Structure audit	RF审核 RF CHECKED	品保审核 QA CHECKED	承办 DESIGNED
1 李仕俊	李仕俊	李仕俊	李仕俊	邓付荣

客 户 核 准 :

CUS APPROVED

核准 APPROVED	审核 CHECKED	品保审核 QA CHECKED	承办 DESIGNED

广东森领通信科技有限公司

GUANGDONG SLEING COMM-TECH CO., LTD

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正本由承办单位保存

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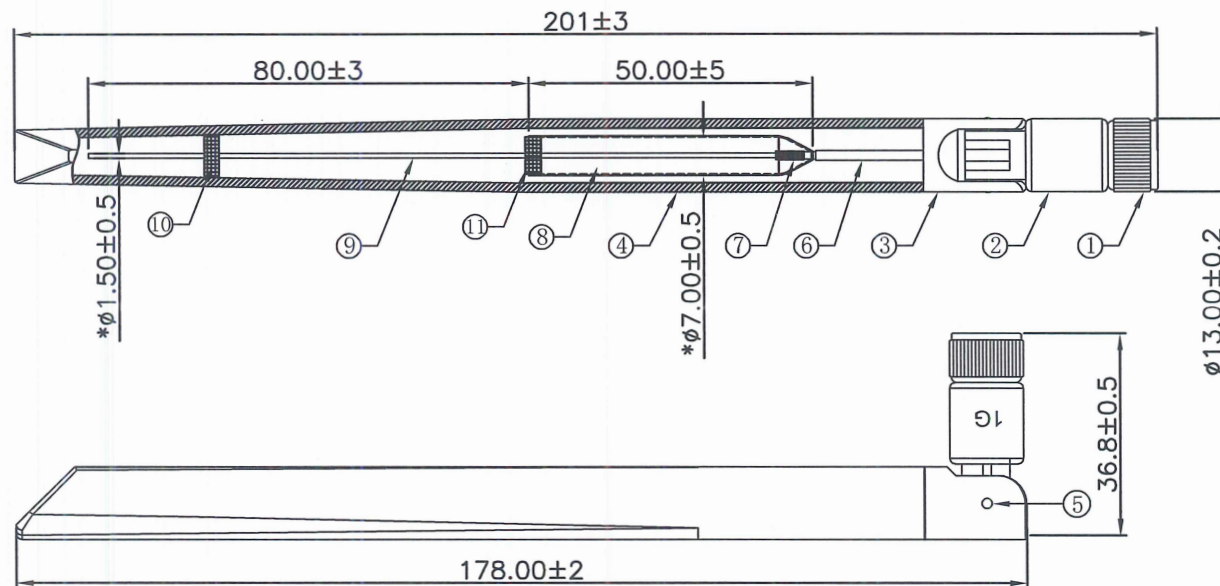
承认书项目表 (Spec Item)

序号(NO.)	项目(Project)	备注(Remark)	页码(Page)
1	承认书封面 (Spec Cover)		1
2	变更记录 (MODIFICATION RECORD SHEET)		2
3	承认书项目表 (Spec Item)		3
4	工程成品图 (Drawing)		4
5	电性测试报告 (Test Reports)		5
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12	交变湿热报告 (Alternating humidity and heat report)		15-18
13	盐雾测试报告 (Salt spray test report)		19

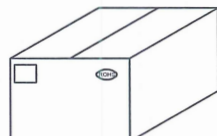
Give clear indication of:

1. The contents of the acknowledgement shall be arranged in order according to the items in the check sheet.
2. The number of copies of the acceptance letter shall be printed according to the customer's requirements, and the SGS report shall be stamped with the engineering seal.
3. All materials shall be confirmed by the customer. Any material/process/changes that may affect product quality and environmental quality must be re-sent to the customer for confirmation before import.
4. SGS report is valid for one year.
5. According to the contents attached to the actual acknowledgement, check the check form: "Yes" is provided, "no" is provided according to customer requirements.

REV.	CONTENT	DATE
A/0	First Sample	2023.02.25



Packing: 50pcs/bag



外箱须贴ROHS标签与物料标签

注：内包装袋和外箱需贴ROHS标签

注明：1.带“*”为重点尺寸，未注公差参照公差表

2.外观不能有毛刺、脏污

3.成品各零部件材质均符合ROHS要求

Specification:
Frequency Rang:860~930MHz
Return Loss:-6dB or less
VSWR:3.0Max
Gain:3.0±1.5 dBi

11	泡棉	Ø6.5*T4.0mm 黑色	SL-MC40001	1
10	泡棉	L20*W5*H2.0mm 黑色	SL-MC40001	1
9	线缆	RG316芯线 ø1.5*L130mm	SL-MC10002	1
8	铜管	ø7*L50mm	SL-MC20007	1
7	热缩管	ø2.0*L15mm 黑色	SL-MC40009	1
6	同轴线	RG-178,Transparency Brown,50Ω	SL-MC10002	1
5	铆钉	POM,象牙白	SL-MC30010	2
4	杆套	TPEE,象牙白	SL-MC30010	1
3	上固定座	PC,象牙白	SL-MC30010	1
2	下固定座	PBT,象牙白	SL-MC30010	1
1	连接器	连接器/Stadard for RG-178 Cable 母针	SL-MC20007	1
NO	PART NAME	DESCRIPTION	REMARK	Q'TY

SLEing® 森岭
东莞市森岭智能科技有限公司
DONGGUAN SLEing INTEL-TECH CO.,LTD



TOLERANCE UNLESS
OTHERWISE SPECIFIED

UNIT:mm ANGLES±0.5° X. ±0.3
SHEET: 1/1 .XX ±0.05 XX. ±0.5
SCALE: 1/1 XXX. ±2.0

CUSTOMER			
PART NO			
TITLE		RF ANTENNA CABLE ASSEMBLY	
S.L P/NO		SLEingA100630201-F07	
SIZE	DRAWN	CHECKED	APPROVED
A4	Terry	Terry	Jingrei



电性测试报告 Test Reports

Electrical Properties	
Frequency	860~930MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 3.0
Return Loss	-6 dB Max
Radiation	Omni-directional
Gain (Peak)	3.0 $\pm$ 1.5dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	RP-SMA
Physical Properties	
Antenna Material	TPEE/PC/PBT
Antenna Color .	White
Cable Type	RG-178
Operating Temp	-40~ +85°C
Storage Temp	-40 ~ +85 °C

S参数测试 S Parameter Test

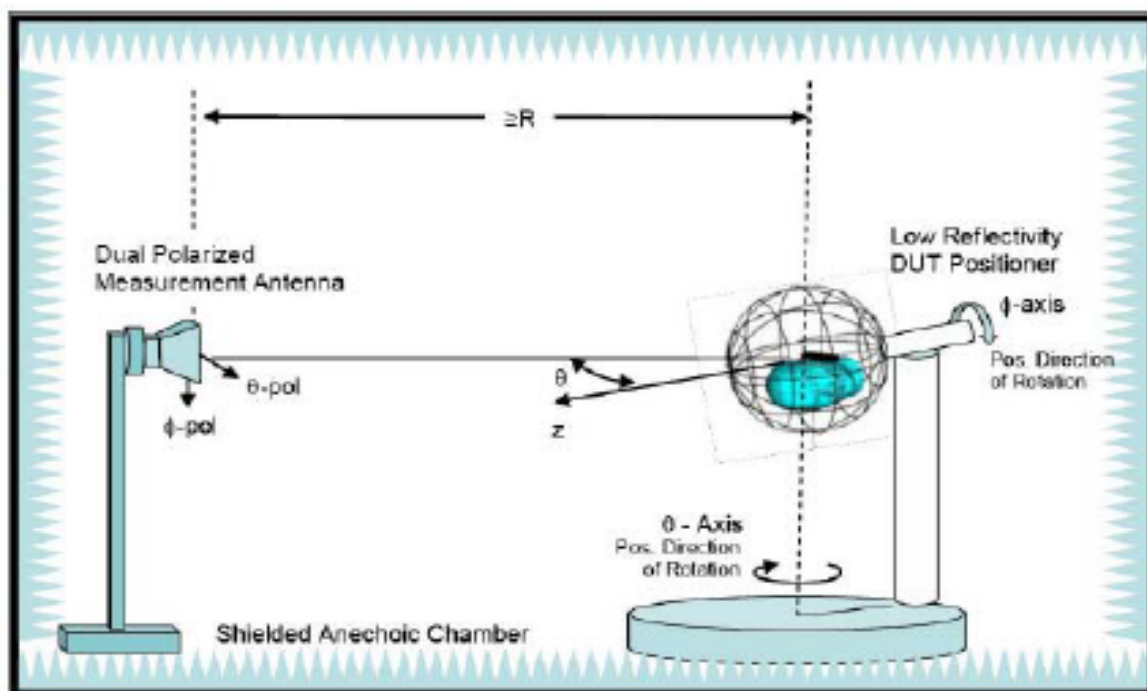
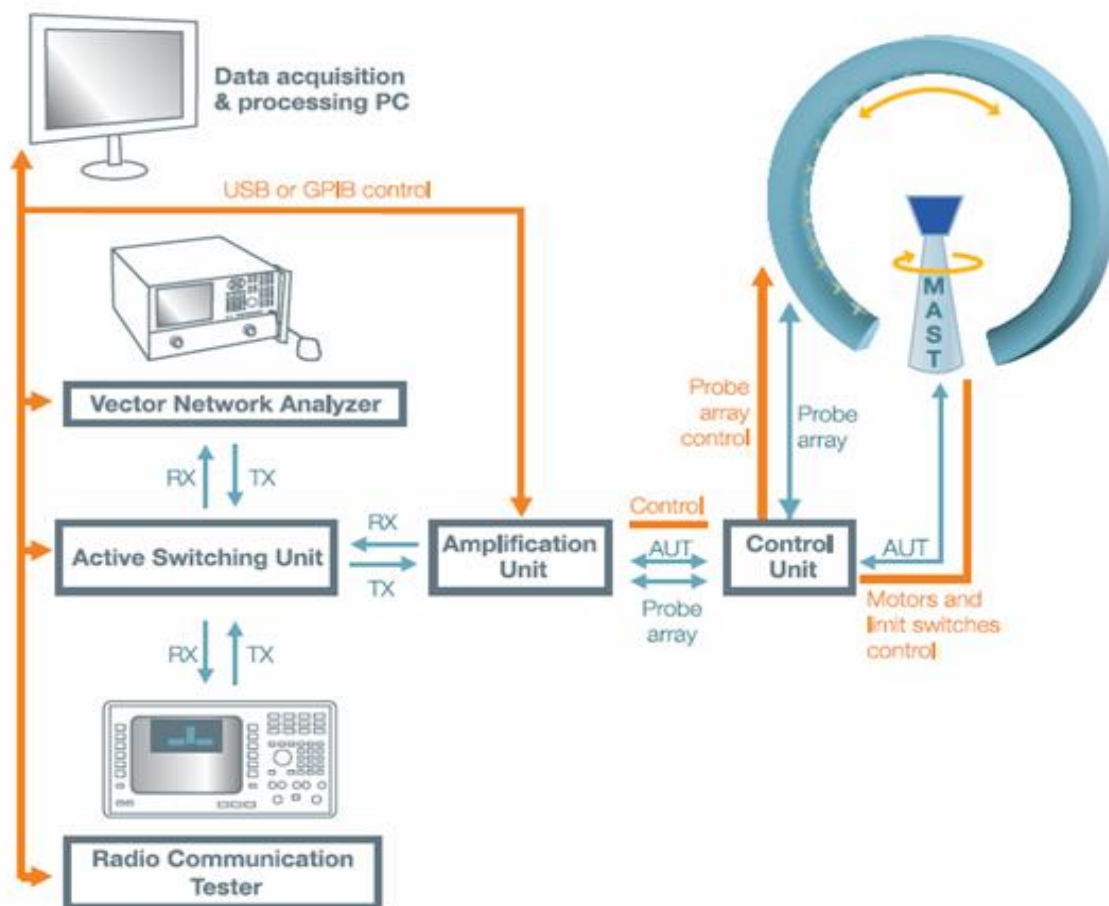
Agilent E5071C Network Analyzer



RF Antenna(Return Loss)

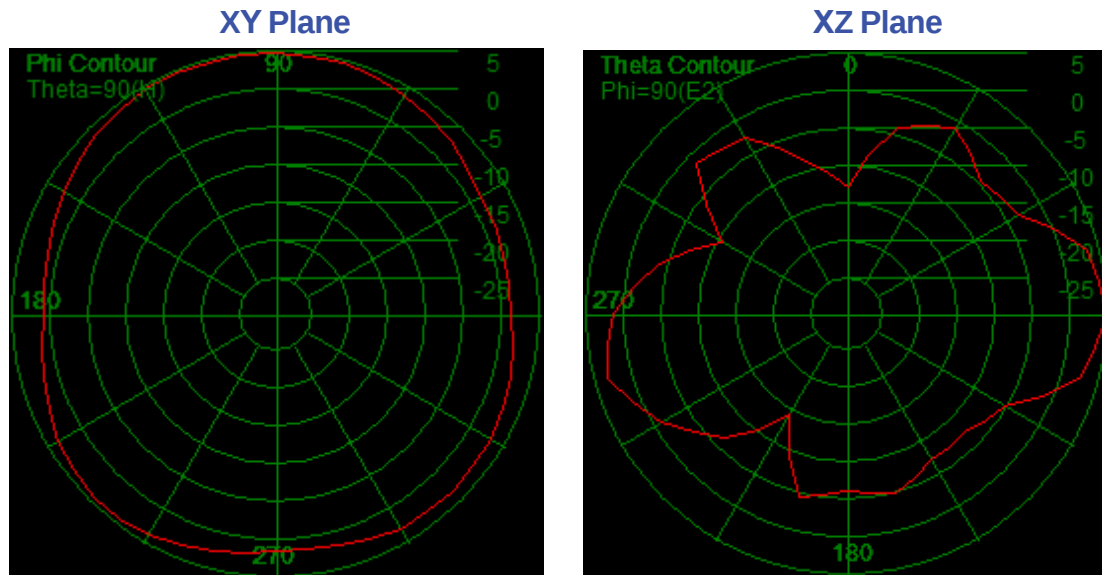


测试设备 Test Setup



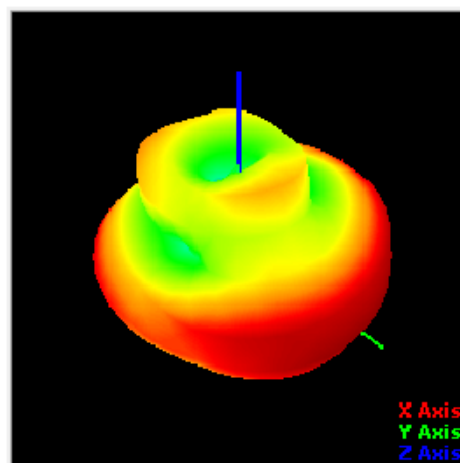
方向图 Pattern

1.3 2D Radiation patterns test results (Passive Antenna)



1.5 3D Radiation patterns test results (Passive Antenna)

3D



测试效率

Test Efficiency

Test Point ID	Freq. (MHz)	Gain (dBi)	Efficiency (%)
1	860.0	3.72	67.1%
2	865.0	3.98	70.0%
3	870.0	3.75	69.1%
4	875.0	3.54	66.1%
5	880.0	3.70	66.8%
6	885.0	3.67	67.4%
7	890.0	3.39	64.0%
8	895.0	3.25	61.2%
9	900.0	3.49	63.0%
10	905.0	3.36	61.3%
11	910.0	3.21	57.1%
12	915.0	3.23	54.8%
13	920.0	2.91	53.7%
14	925.0	2.59	51.6%
15	930.0	2.22	49.2%

实物图片



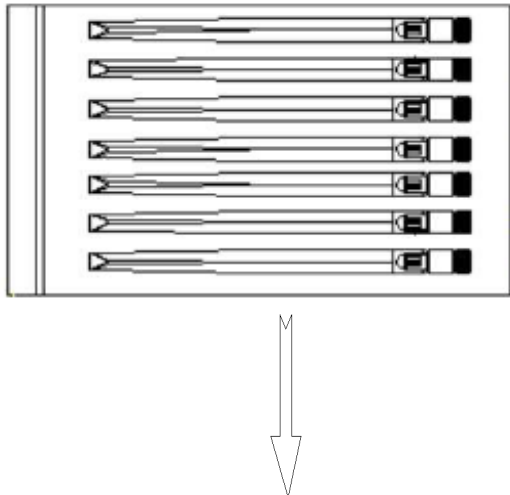
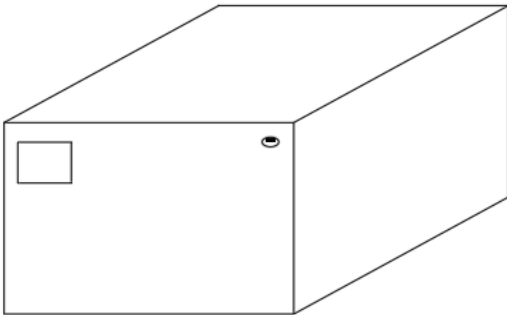
产品包装规范

Product packaging specification

日期/Date: 2023.02.25

page:

1 of 1

成品名称 Name of finished product	1G刀锋天线	客户 customer			
成品料号 Finished product number	SLEingA100630201-F07	版本 REV.	A/0		
 单PCS天线 (2) 50PCS装一PE袋，PE袋上需标贴产品标签，以标示产品名称、规格、数量、日期并热封处理。  (3) 装箱：每箱装10-20包（共500-1000PCS）  (4) 外箱均需贴产品标签，以标示产品名称、规格、数量、日期。 (5) 每批次产品均需附上“出厂检验报告”。 (6) 储存条件：温度：-5℃-+30℃，湿度：20%-70%，年限一年。					
承办 DESIGNED	胡赵海（Jreey）	审核 CHECKED	胡赵海（Jreey）	核准 APPROVED	朱正锐（Jongrei）