



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

X2

品 名 / 规格 :

SPECIFICATION

2.4-2.5GHz

单重:

weight

WIFI Antenna (RG174+SMA)

供 方 料 号 :

SUP PART NO

SLA-100020108-C03

日 期 :

DATE

2026.03.25

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 李心超	胡胜国	1 李心超	胡胜国	胡胜国

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



广东森领通信科技有限公司

GUANGDONG SLEING COMM-TECH CO., LTD

变更记录

MODIFICATION RECORD SHEET

版本 (REV.)	更改日期 (Modification date)	更改内容描述 (Summary of modification content)	拟制 (Signature)	批准 (Approval)
X1	2014.05.13	初版发行 (First Issue)	胡赵海 (Jerry)	朱正锐 (Jongrei)
X2	2026.03.25	公司名称变更, 增加性能报告	胡赵海 (Jerry)	朱正锐 (Jongrei)



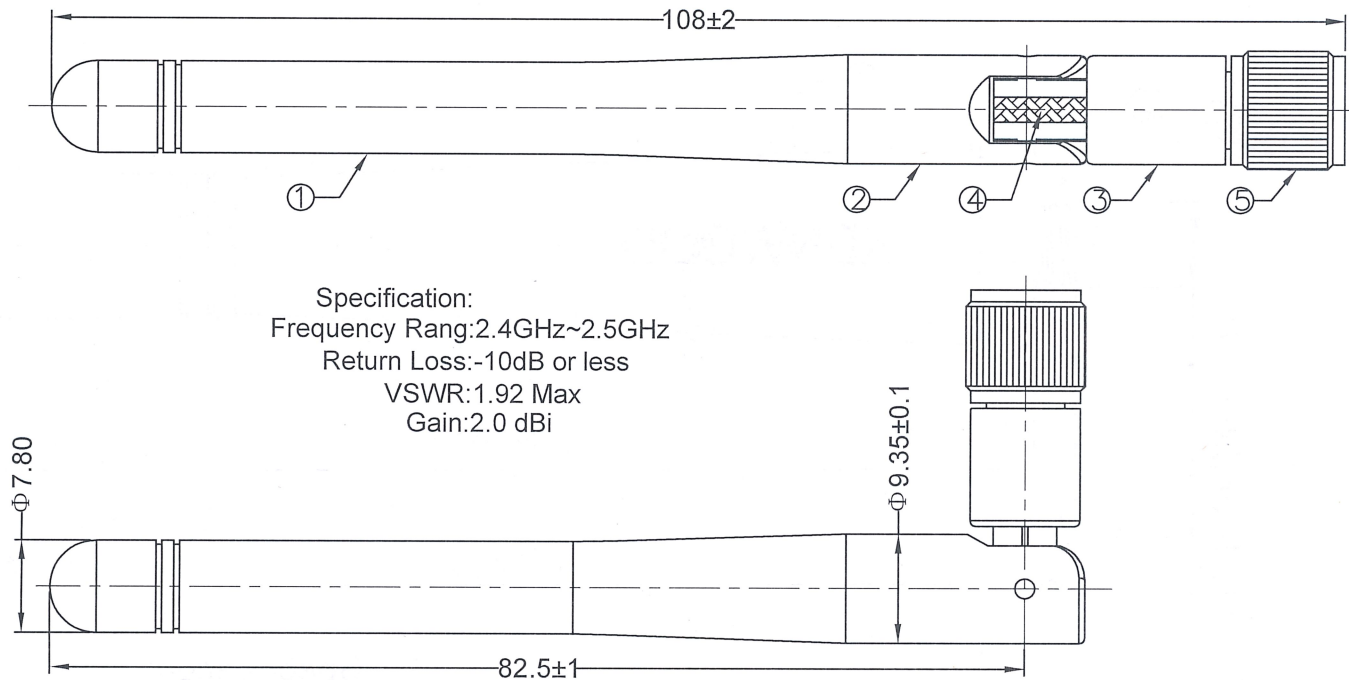
承认书项目表 (Spec Item)

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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9	方向图 (Pattern)		9
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11	ROHS清单 (ROHS List)		11

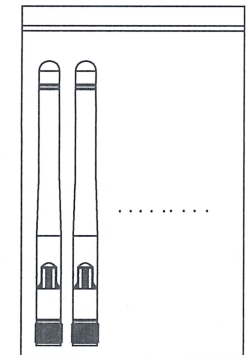
Give clear indication of:

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.

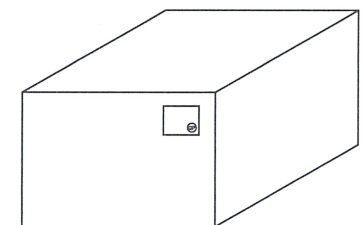
REV.	CONTENT	DATE
X1	First Issue	2014.05.13
X2	更改公司名称	2026.03.25



Specification:
Frequency Rang:2.4GHz~2.5GHz
Return Loss:-10dB or less
VSWR:1.92 Max
Gain:2.0 dBi



Packing:50pcs/bag



外箱须贴GP标签与物料标签各1PCS

5	Connector	SMA Straight P/S for RG-178 Cable (塑胶壳)		1
4	Cable	RG-178,Transparency Brown,50Ω		1
3	Bottom Base	PBT,Color:White		1
2	Upper Base	PC,Color:White		1
1	Antenna Cap	TPE,Color:White		1
NO	PART NAME	DESCRIPTION	REMARK	Q'TY

SLEing® 森领
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GUANGDONG SLEING COMM-TECH CO., LTD.

TOLERANCE UNLESS
OTHERWISE SPECIFIED

UNIT:mm	ANGLES $\pm 0.5^\circ$	X. ± 2.0
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SHEET: 1/1	X XX +0.2	XX +5.0
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SHEET: 1/1	X:XX ±0.2	XX: ±0.0
SCALE: 1/1	X.X ±0.5	XXX: ±10.0

CUSTOMER

RF ANTENNA CABLE ASSEMBLY

CHECKED

APPROVED

[illegible]



广东森领通信科技有限公司

GUANGDONG SLEING COMM-TECH CO., LTD

电性测试报告

Test Reports

Electrical Properties	
Frequency	2.4-2.5 GHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 1.92
Return Loss	-10dB Max
Radiation	Omni-directional
Gain (Peak)	1.96 dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	SMA
Physical Properties	
Antenna Material	TPEE/PC+PBT
Cable Type	RG178
Operating Temp	-40°C-85°C
Storage Temp.	-5°C-30°C

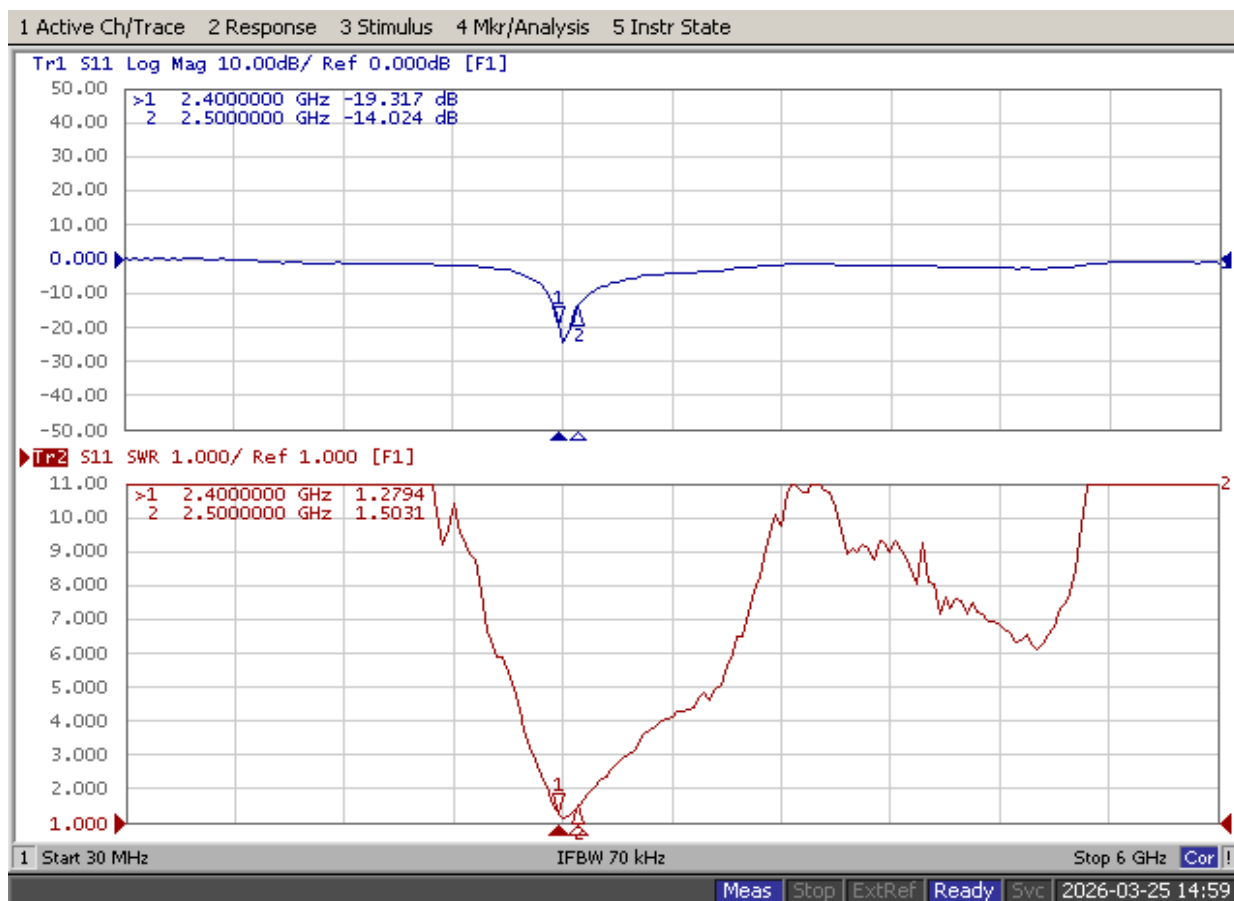
S参数测试

S Parameter Test

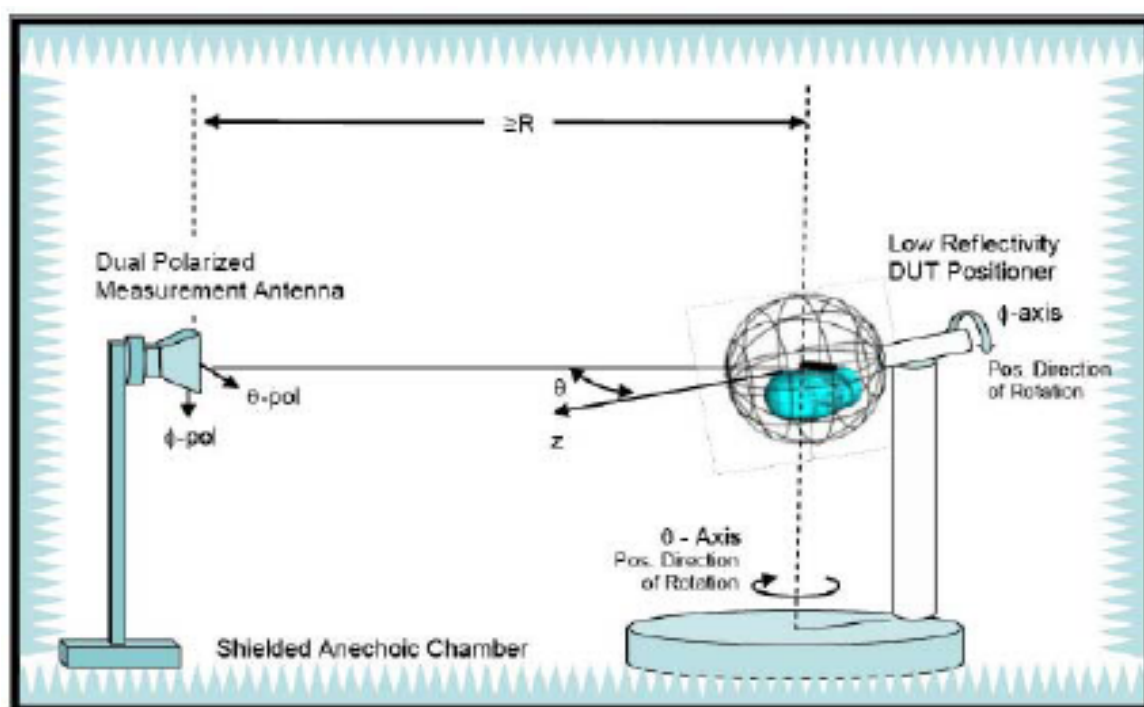
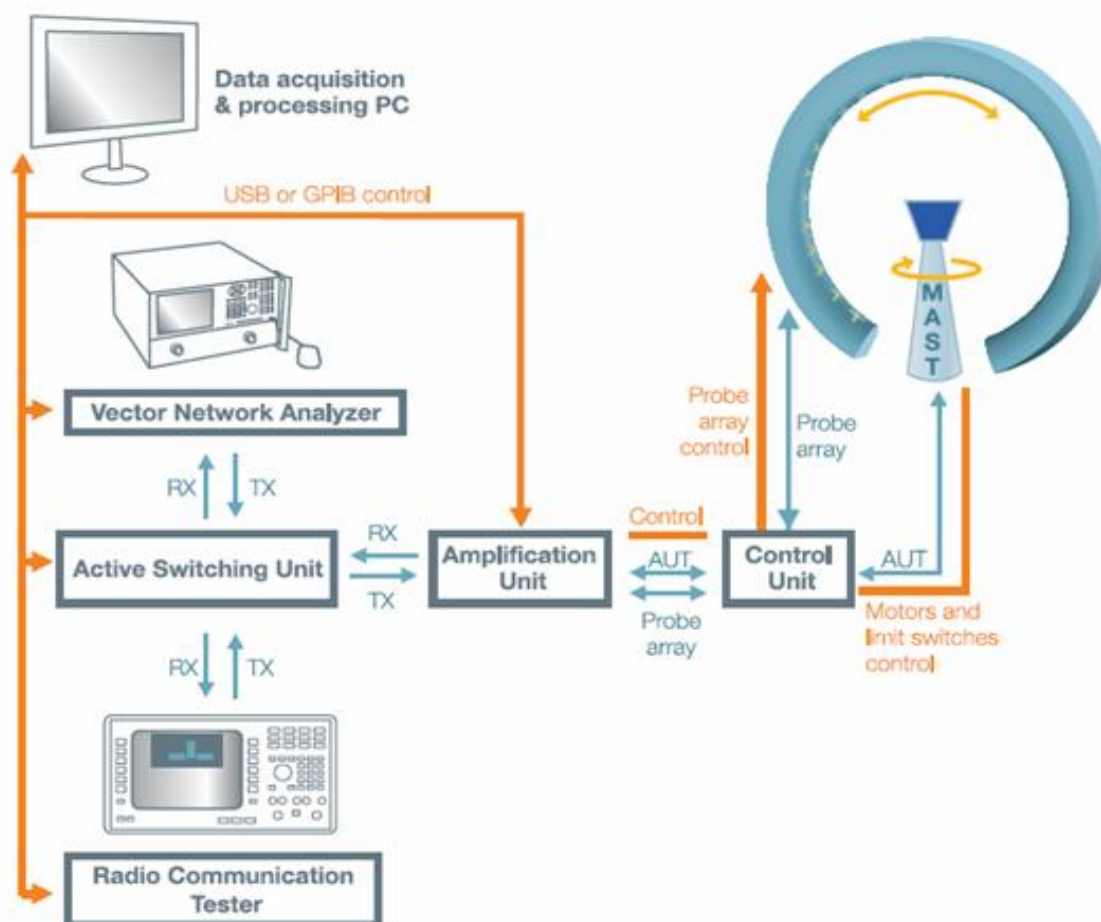
Agilent E5071C Network Analyzer



RF Antenna (Return Loss/VSWR)



测试设备 Test Setup

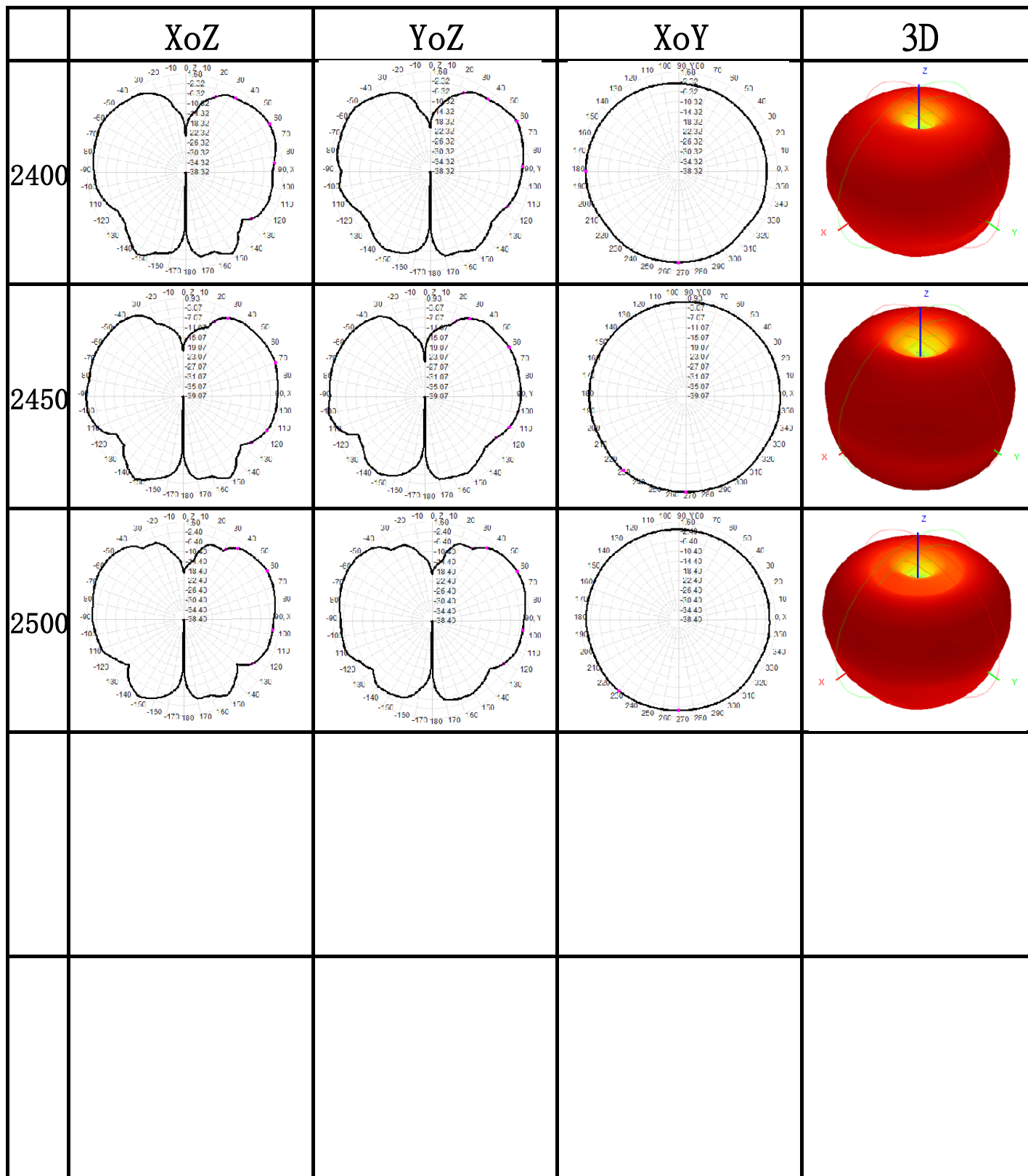




测试效率 Test Efficiency

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.70	1.67	1.78	1.82	1.96	1.82	1.74	1.70	1.62	1.88	1.85
Efficiency (%)	66.87	68.74	75.43	74.62	73.05	75.79	75.97	76.50	75.80	75.14	72.00

方向图
Pattern



产品包装规范

Product packaging specification

日期/Date: 2023.05.16

page:

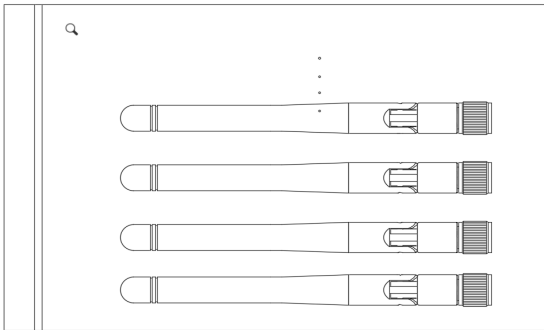
1of1

成品名称 Name of finished product	4G MAIN	客户 customer	
成品料号 Finished product number	SLEingB240260355	版本 REV.	X1

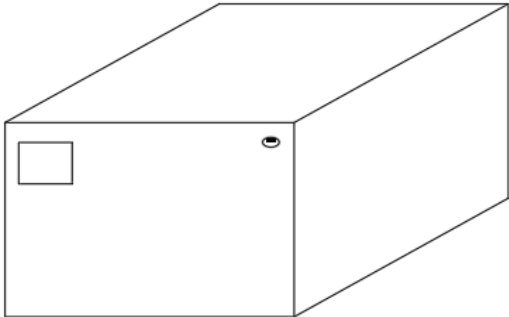


单PCS天线

(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：以实际数量为准



(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)
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