SLEing®

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

承　认　书

SPECIFICATION APPROVAL SHEET

客　　户：
CUSTOMER　Shenzhen Vident Technology Co., Ltd

客户料号：
CUS PART NO　/

版次：
REV　X1

品名 / 规格：
SPECIFICATION　2400-2500MHz
WIFI Antenna L=75mm(Ø1.13+MHF)

单重：
weight　/

供方料号：
SUP PART NO　SLEingB230510075

日　　期：
DATE　2022.12.14

东莞市森岭智能科技有限公司 2022.12.14 工程部

厂商核准：
SUP APPROVED

核准 APPROVED	审核 CHECKED	品保审核 QA CHECKED	承办 DESIGNED
JongRei 2022/12/14	Jerry	LSY	Jerry

东莞市森岭智能科技有限公司
DONGGUAN CITY SLEing INTEL-TECH CO.,LTD
中国广东省东莞市松山湖工业东路24号现代企业加速器6栋402
Room 402,No.6 Plant,Accelerator of Modern Enterprise,No,24 Industry East Road
Songshanlake District,Donguan City, Guangdong Province,China.
Tel: +86-076989208968　Fax:+86-0769-89208969
www.sleing.com

正本由承办单位保存

东莞市森岭智能科技有限公司

DONGGUAN CITY SLEing INTEL-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	2022.12.14	初版发行（First Issue）	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
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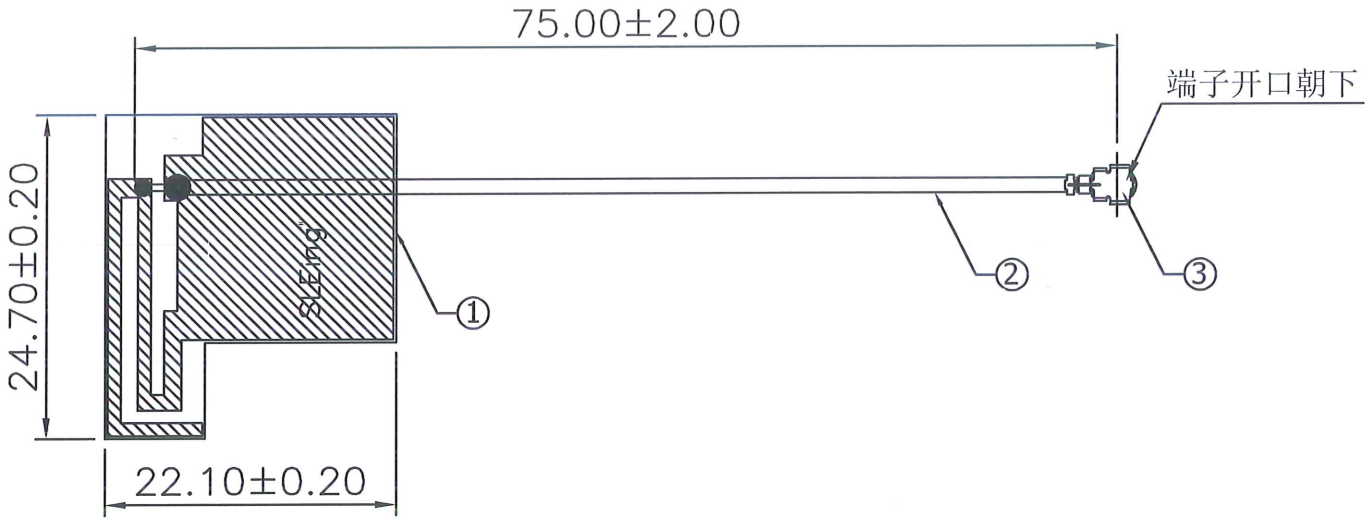
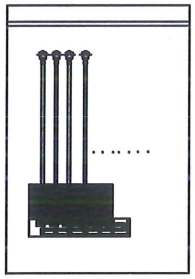
Give clear indication of:
1. The contents of the acknowledgement shall be arranged in order according to the items in the check sheet.
2. The number of copies of the acceptance letter shall be printed according to the customer's requirements, and the SGS report shall be stamped with the engineering seal.
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.

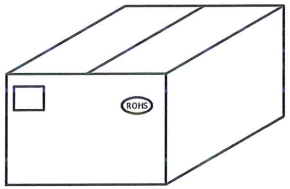
REV.	CONTENT	DATE
X1	First Sample	2022.12.14



Specification:
Frequency Rang:2400~2500MHz(带机测试)
Return Loss:-10dB or less
VSWR:1.92 Max



Packing:100pcs/bag



外箱须贴ROHS标签与物料标签各1PCS

NO	PART NAME	DESCRIPTION	REMARK	Q'TY
3	Connector	MHF Plug for Φ1.13 Cable	一代端子	1
2	Cable	Φ1.13mm Coaxial Cable Black,50Ω		1
1	FPCB	FPC,L24.7*W22.1*T0.1mm,Color:Black		1

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UNIT:mm	TOLERANCE UNLESS OTHERWISE SPECIFIED
SHEET: 1/1	ANGLES ±0.5° / 0.XX ±0.05 / X. ±0.3 / XX. ±0.5 / XXX. ±2.0
SCALE: 1/1	

CUSTOMER	
PART NO	
TITLE	WIFI ANTENNA
S.L P/NO	SLEingB230510075

SIZE	DRAWED	CHECKED	APPROVED
A4	Jerry	Jerry	JungRei 2022.12.14

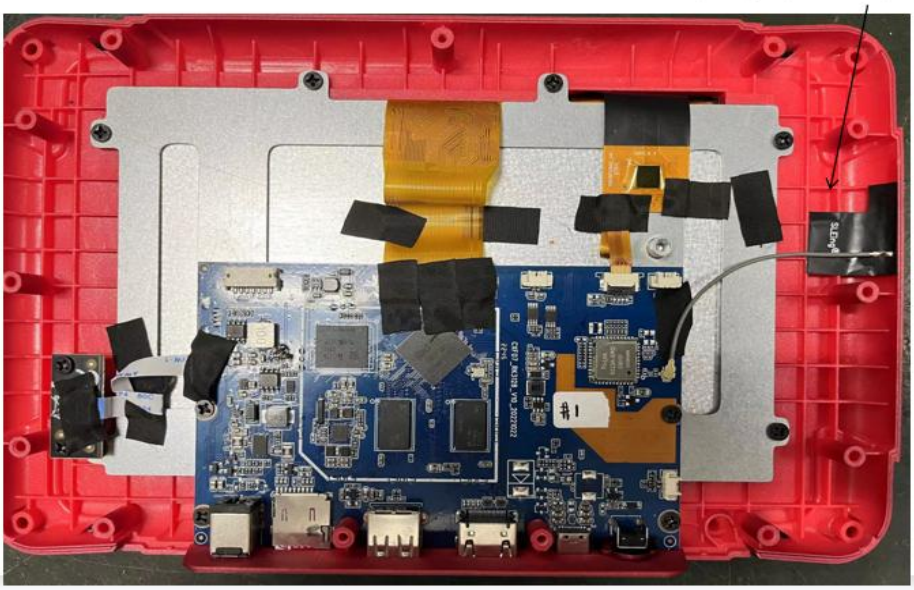
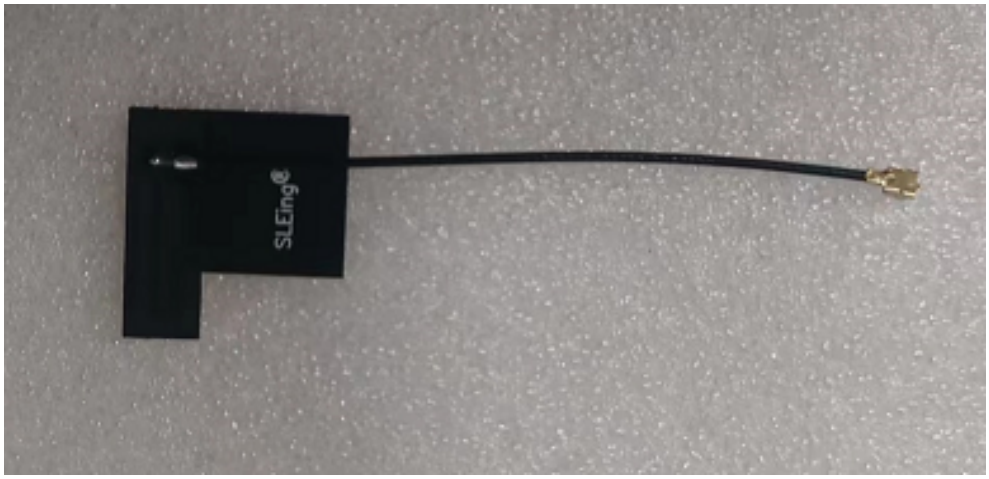
深圳市森岭智能科技有限公司 工程部 2022.12.14

电性测试报告
Test Reports

Electrical Properties	
Frequency	2400-2500 MHz(带机测试)
Impedance	50 Ohm Nominal
V.S.W.R	≤1.92
Return Loss	-10dB Max
Radiation	Omni-directional
Gain (Peak)	3.72dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	MHF
Physical Properties	
Antenna Material	FPCB
Cable Type	Φ1.13mm Black
Operating Temp	-20℃-75℃
Storage Temp.	-20℃-75℃

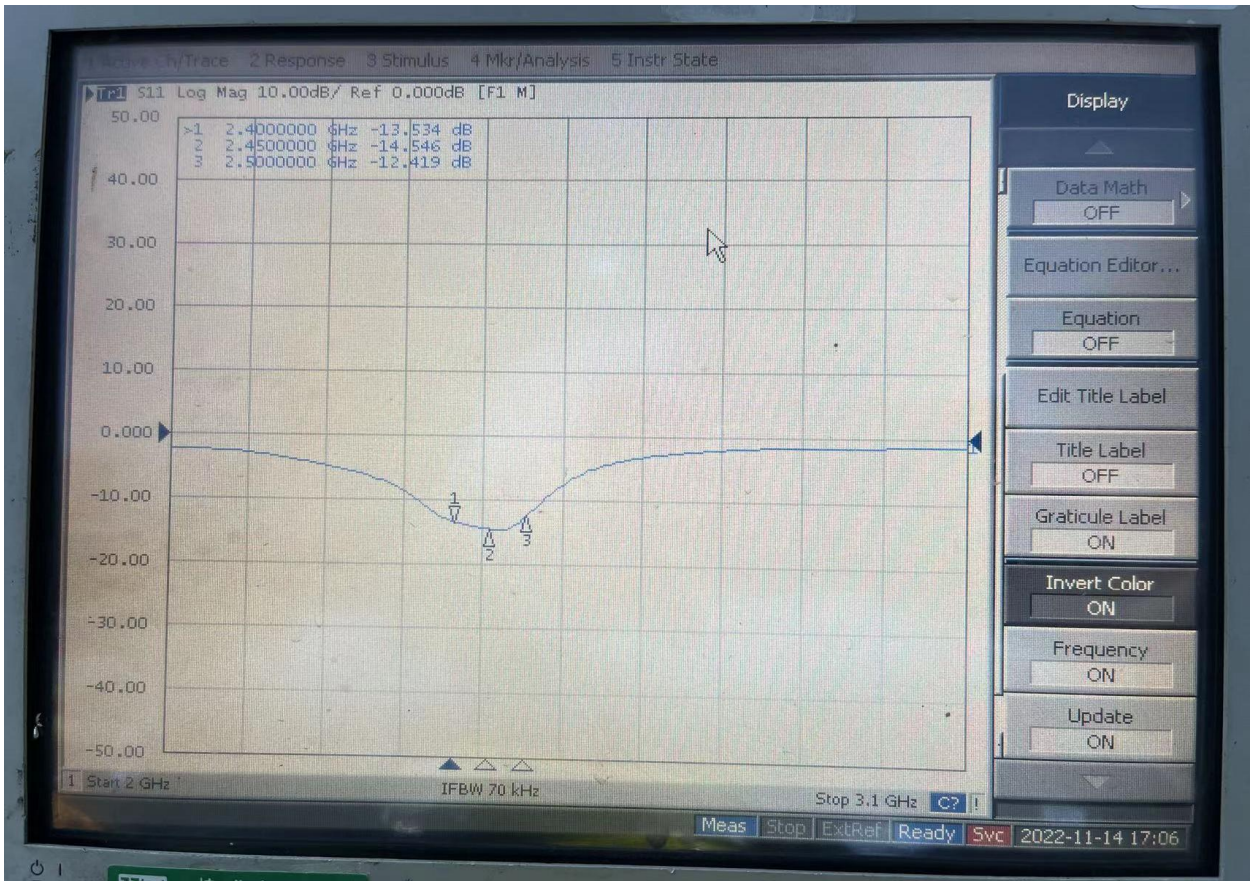
天线组装图

Antenna assembly diagram

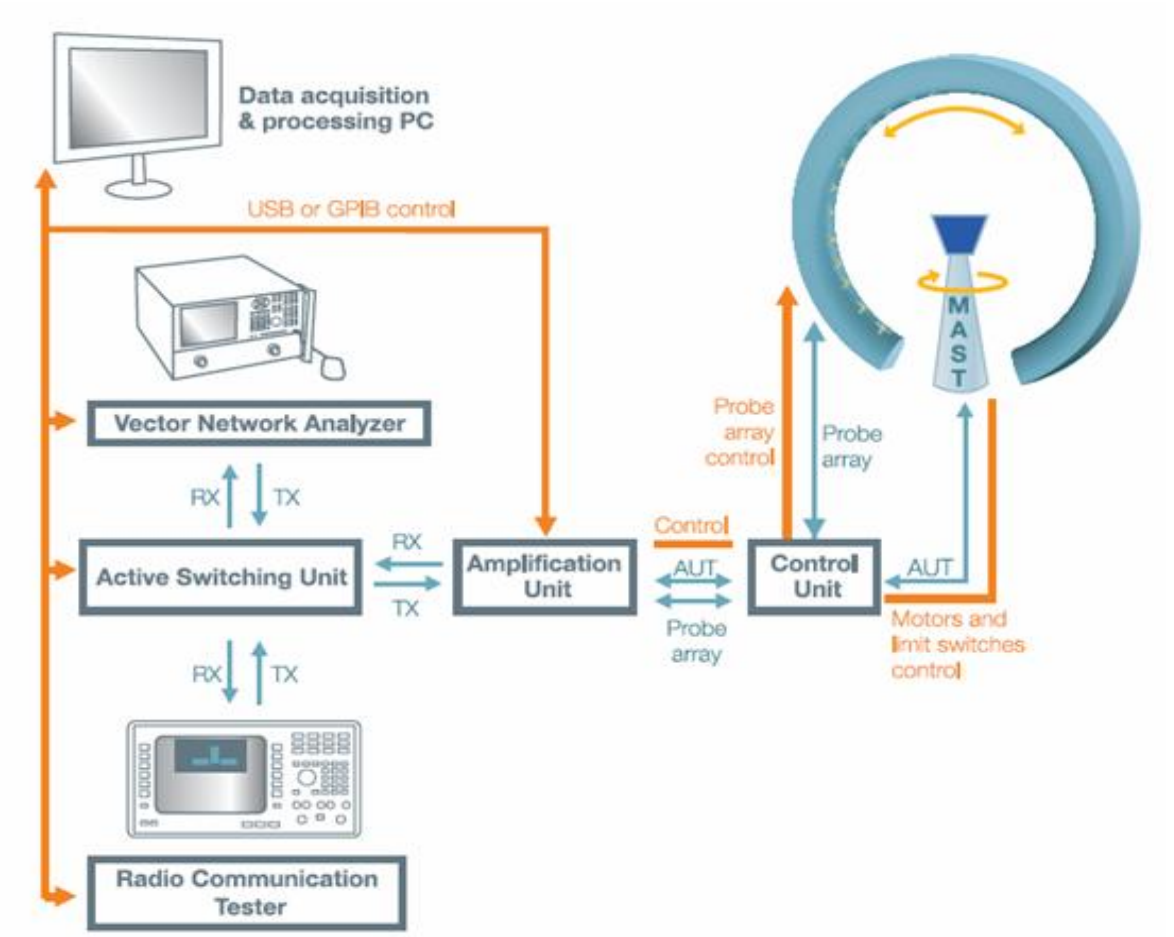
Device	
Antenna	

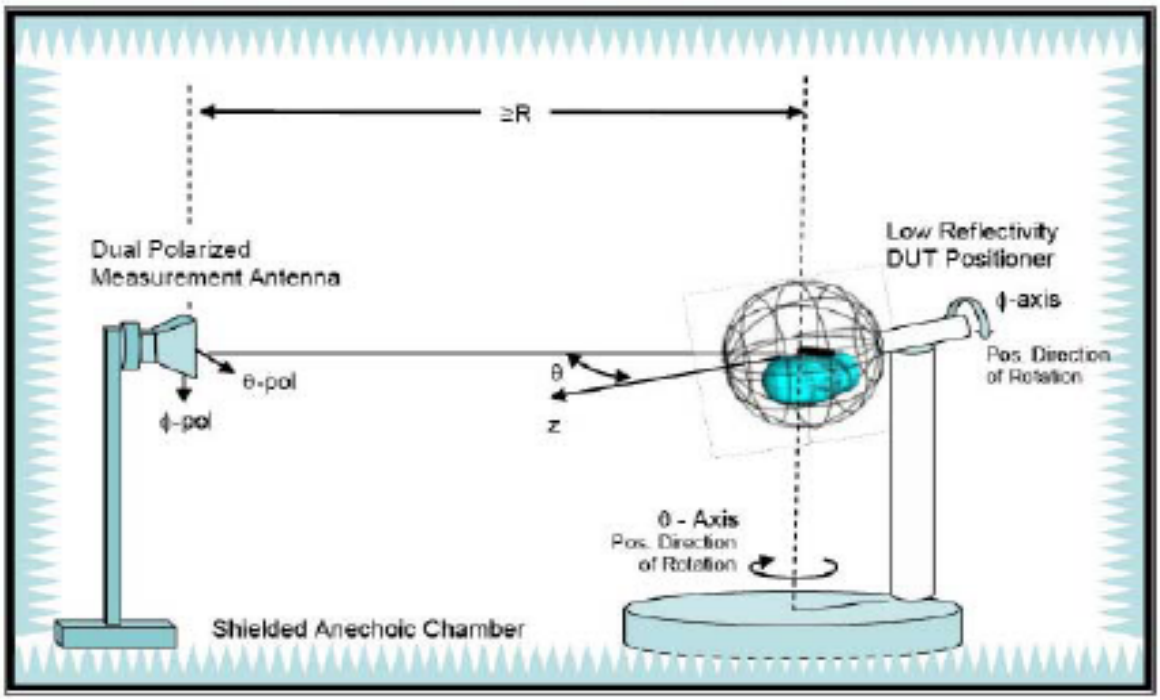
S参数测试
S Parameter Test

Agilent E5071C Network Analyzer	
RF Antenna(Return Loss)	



测试设备
Test Setup





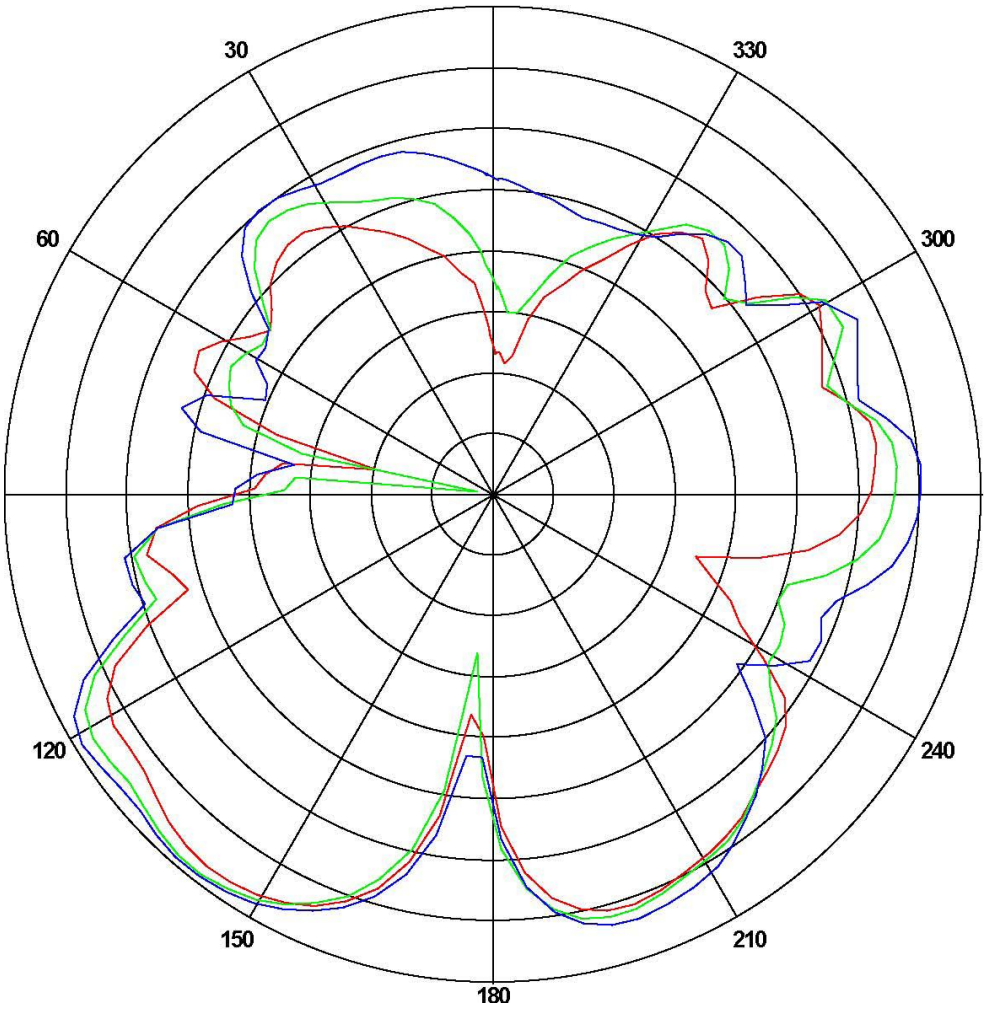
测试效率
Test Efficiency

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	2.14	2.20	2.37	2.57	2.91	3.16	3.48	3.62	3.72	3.56	3.64
Efficiency (%)	49.94	50.49	51.60	52.94	56.00	57.08	57.99	56.98	57.06	56.05	57.77

2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div



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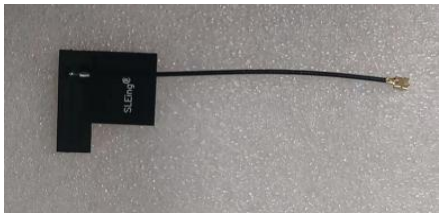
DONGGUAN CITY SLEing INTEL-TECH

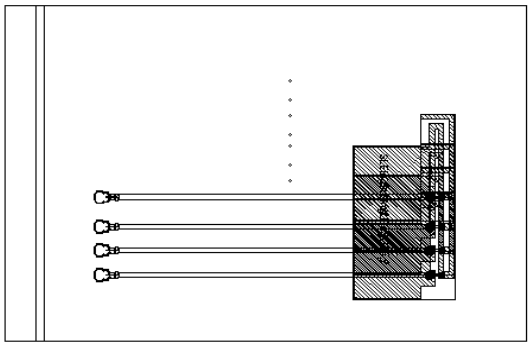
产品包装规范
Product packaging specification

日期/Date： 2022.12.14 page: 1of1

成品名称 Name of finished product	FPC Antenna	客户 customer	/
成品料号 Finished product number	SLEingB230510075	版本 REV.	X1



FPC Antenna



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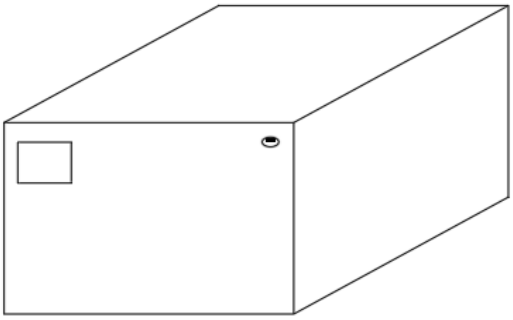

承办 DESIGNED	胡赵海（Jreey）	审核 CHECKED	胡赵海（Jreey）	核准 APPROVED	朱正锐（Jongrei）