



DONGGUAN SLEing INTEL-TECH CO., LTD

SPECIFICATION APPROVAL SHEET

客 户 :

CUSTOMER

CUS PART NO

REV

X1

SPECIFICATION

RF Antenna (White)

2.4~2.5GHz 2dBi(SMA)

weight

SUP PART NO

SLEingA100020108-C26

DATE

2023.05.13

SUP APPROVED

APPROVED	CHECKED	QA CHECKED	DESIGNED
<i>Jan Jm</i>	<i>H21</i>	<i>LSY</i>	<i>Xi ang</i>

CUS APPROVED

APPROVED	CHECKED	QA CHECKED	DESIGNED

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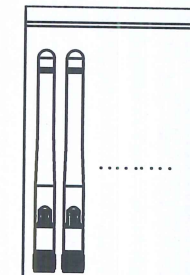
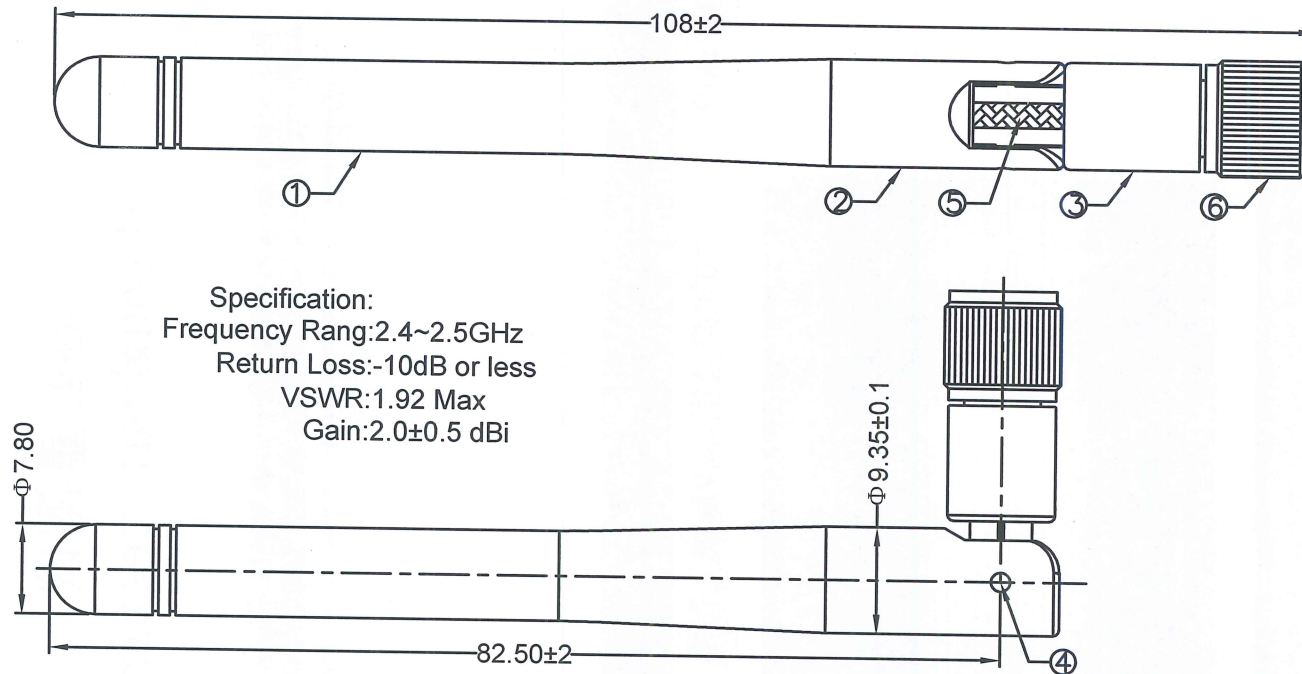
pec Item

(NO.)	Project)	Remark	Page
1	Spec Cover		1
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3	Spec Item		3
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5	Test Reports		5
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10	Product packaging specification		10

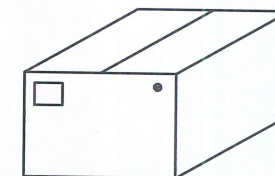
Give clear indication of:

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	Frist Sample	2023.05.13



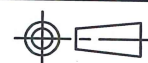
Packing:50pcs/bag



外箱须贴GP标签与物料标签各1PCS

SLEing®

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	
S.H P/NO		SLEingA100020108-C26	
SIZE	DRAWED	CHECKED	APPROVED
A4	Xiaoyang	H24	Joungm

NO	PART NAME	DESCRIPTION	REMARK	Q'TY
6	Connector	SMA Straight Plug/Reverse for RG-178 Cable		1
5	Cable	RG-178,Transparency Brown,50Ω		1
4	Rivet	POM,Color:White		2
3	Bottom Base	PBT,Color:White		1
2	Upper Base	PC,Color:White		1
1	Antenna Cap	TPE,Color:White		1



Test Reports

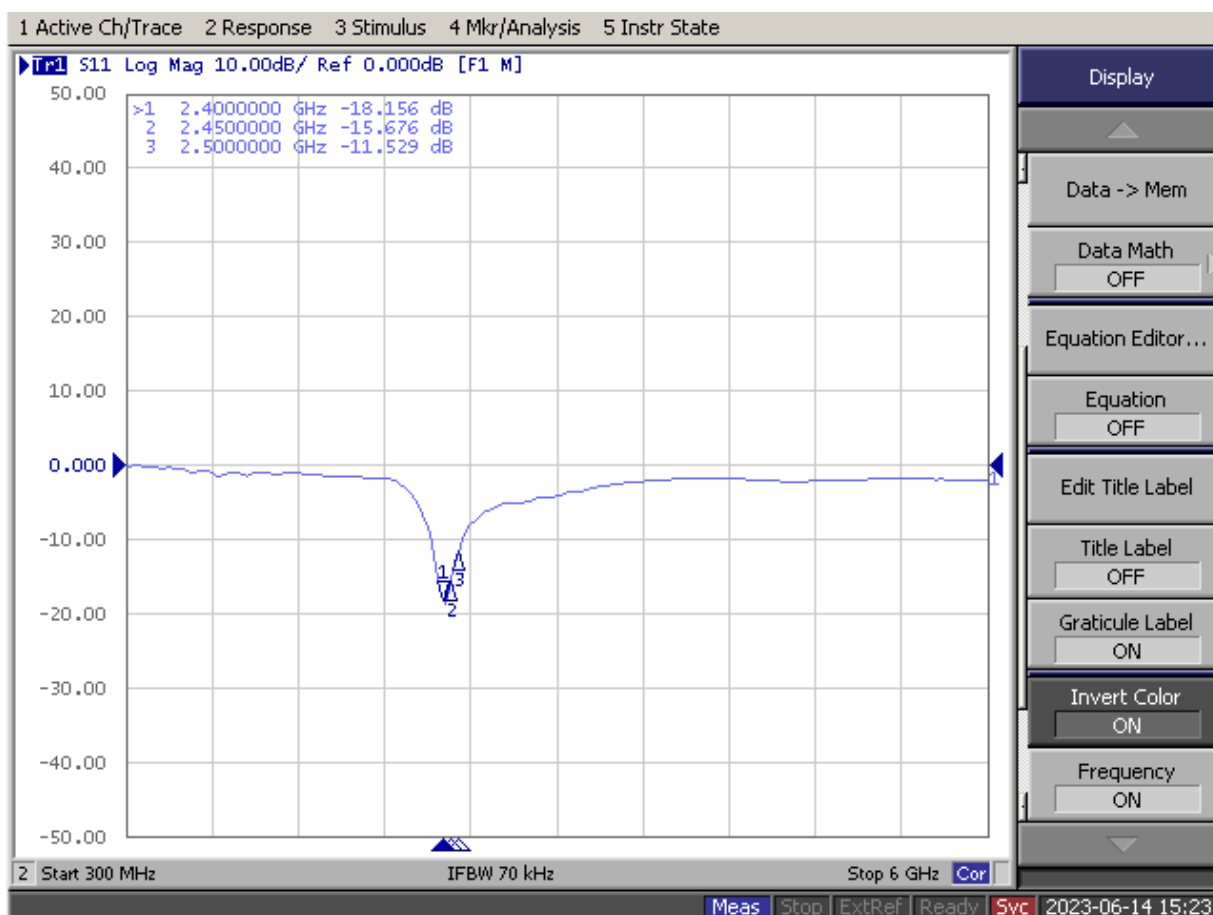
Electrical Properties	
Frequency	2.4~2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	≤ 1.92
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2.46 dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	SMA
Physical Properties	
Antenna Material	TPE/PC/POM
Antenna Color .	White
Cable Type	RG-178
Operating Temp	-25~+75 °C
Storage Temp	-25~+75 °C

S Parameter Test

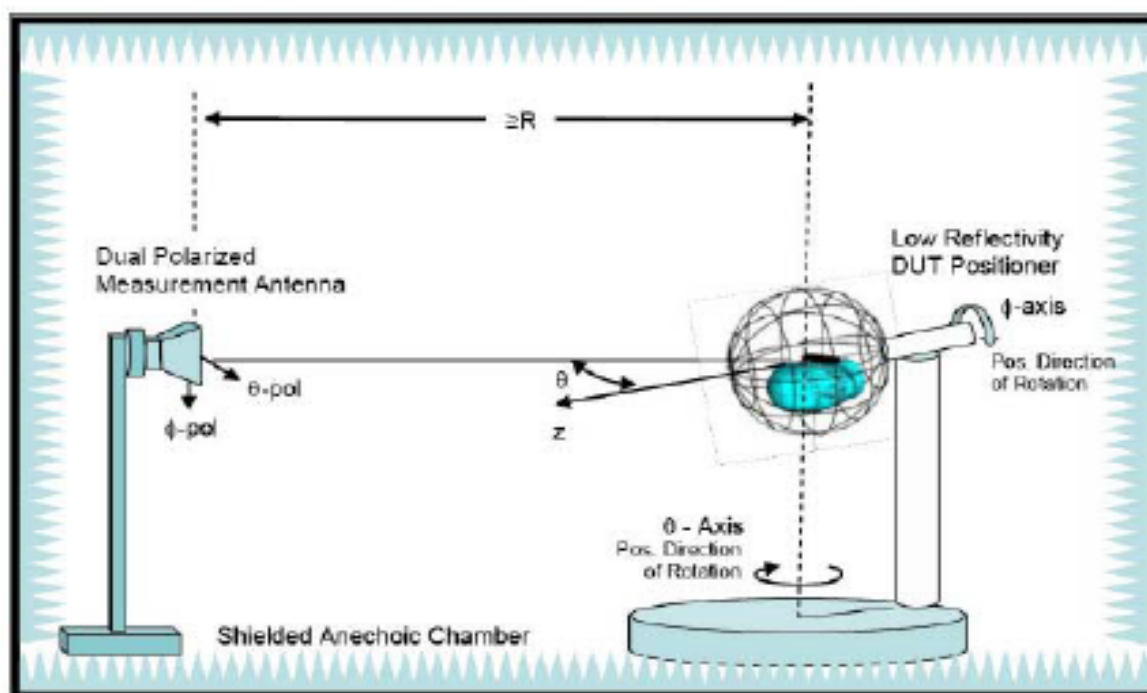
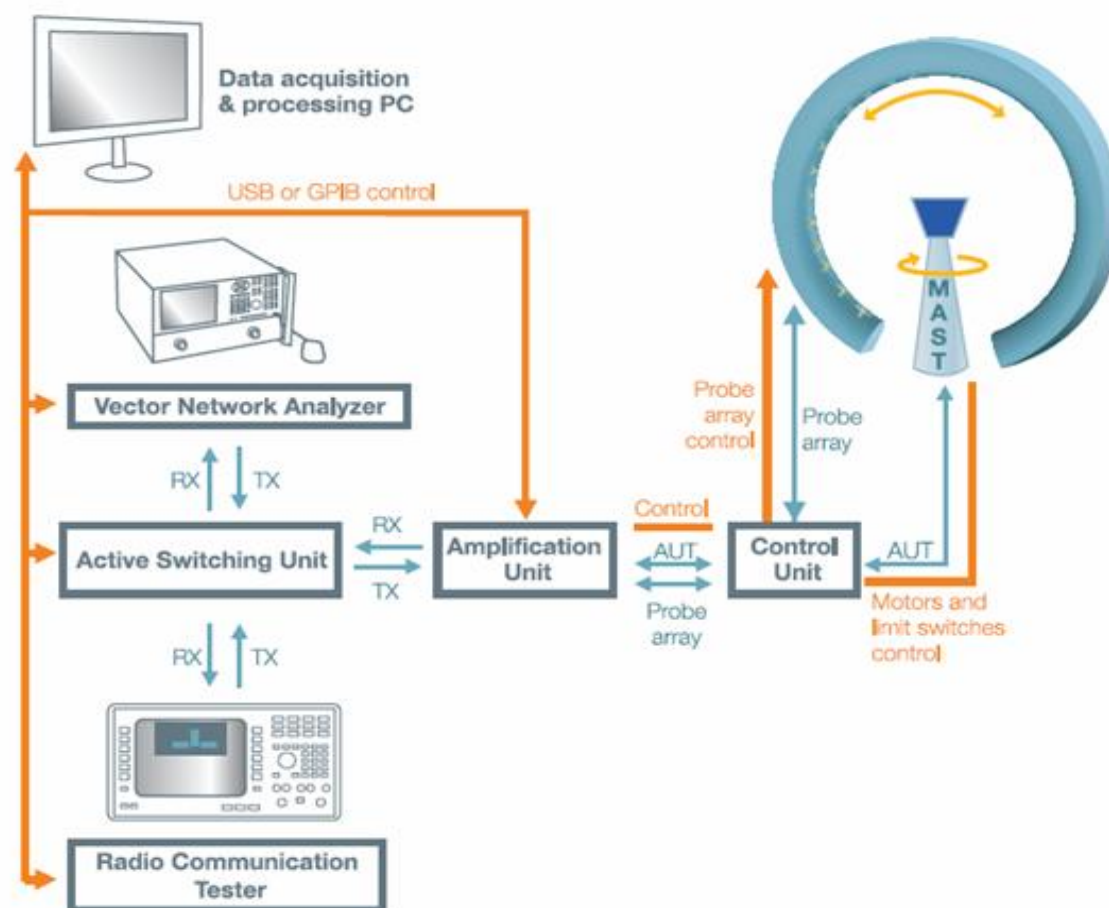
Agilent E5071C Network Analyzer



RF Antenna (NO. 1)



Test Setup





东莞市森岭智能科技有限公司

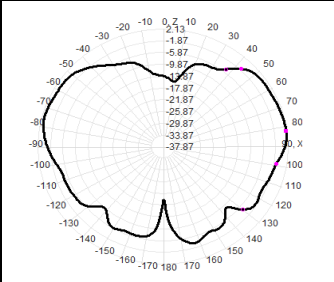
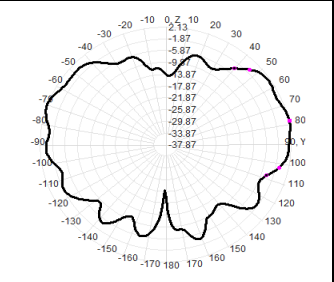
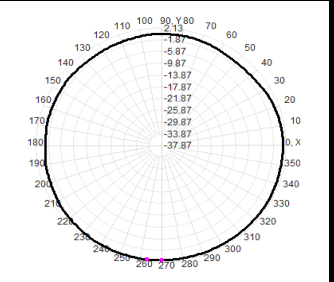
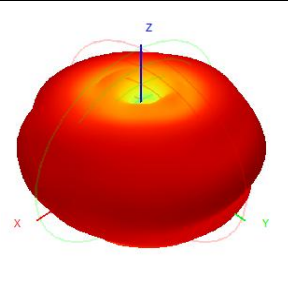
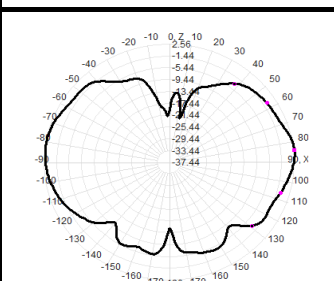
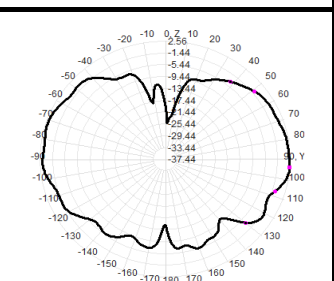
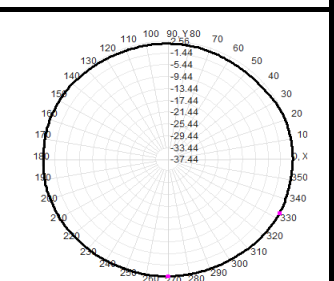
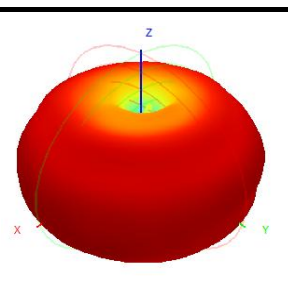
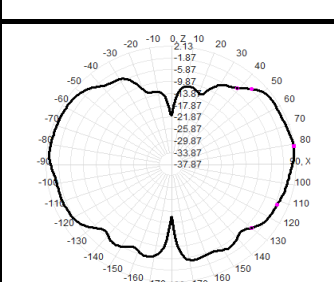
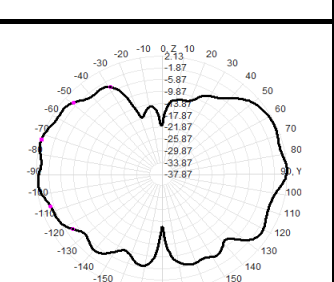
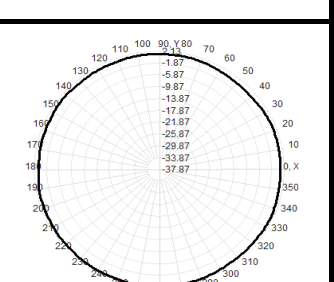
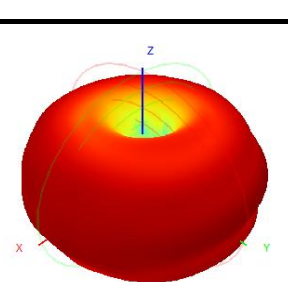
DONGGUAN SLEing INTEL-TECH CO.,LTD

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)	2.37	2.35	2.37	2.46	2.43	2.42	2.37	2.36	2.41	2.34	2.20
Efficiency (%)	70.07	73.48	77.18	79.20	80.94	82.99	84.68	83.87	82.68	78.15	77.32

方向图 Patten

	XoZ	YoZ	XoY	3D
2400				
2450				
2500				

产品包装规范

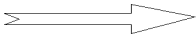
Product packaging specification

日期/Date: 2023.05.13

page:

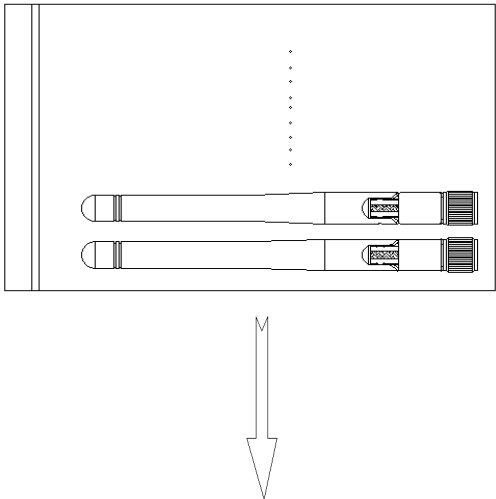
1 of 1

成品名称 Name of finished product	WIFI Antenna	客户 customer	
成品料号 Finished product number	SLEingA100020108-C26	版本 REV.	

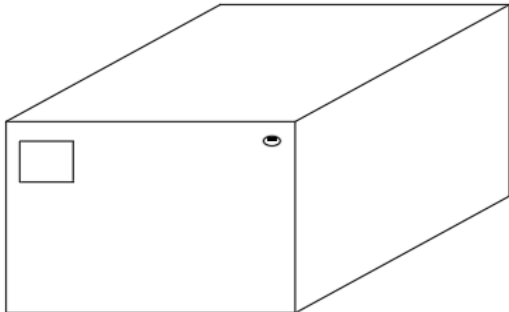


单PCS天线 (Single PCS antenna)

(2) 50PCS in a PE bag, the PE bag should be labeled with product labels to mark the product name, specifications, quantity, date and heat seal processing.



(3) Packing: 10-40 bags per box (total 500-2000PCS)



(4) Product labels should be affixed to the outer case to indicate the name, specification, quantity and date of the product.

(5) Each batch of products should be attached with "factory inspection report".

(6) Storage conditions: temperature: -5°C – $+30^{\circ}\text{C}$, humidity: 20%–70%, The period is one year.

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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