

SPECIFICATION

Shenzhen Youse Display Technology Co., Ltd

CUSTOMER:

SMA2. 4G/5. 8G 5DB

DESCRIPTION:

:
MATERIAL CODE:

: SMA=2. 4G/5. 8G 5DB

SUPPLIER PRODUCT NAME:

: A100-0062 SUPPLIER MATERIAL CODE:

: 2025.3.13
RECEIVED DATE:

深圳市兆赫通信技术有限公司 Shenzhen Zhaohe Communication Technology Co., Ltd		
拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVE BY
林伟栋	蒋新平	何超

承认 ACCEPT	审核 CHECKED BY	批准 APPROVE BY

备注：承认盖章后请回复一份承认书（或复印件）给我司，其余由贵公司存档。
REMARK: Please send us one (or copy)of this approval with stamp after accepting,other copies filed by the customer.

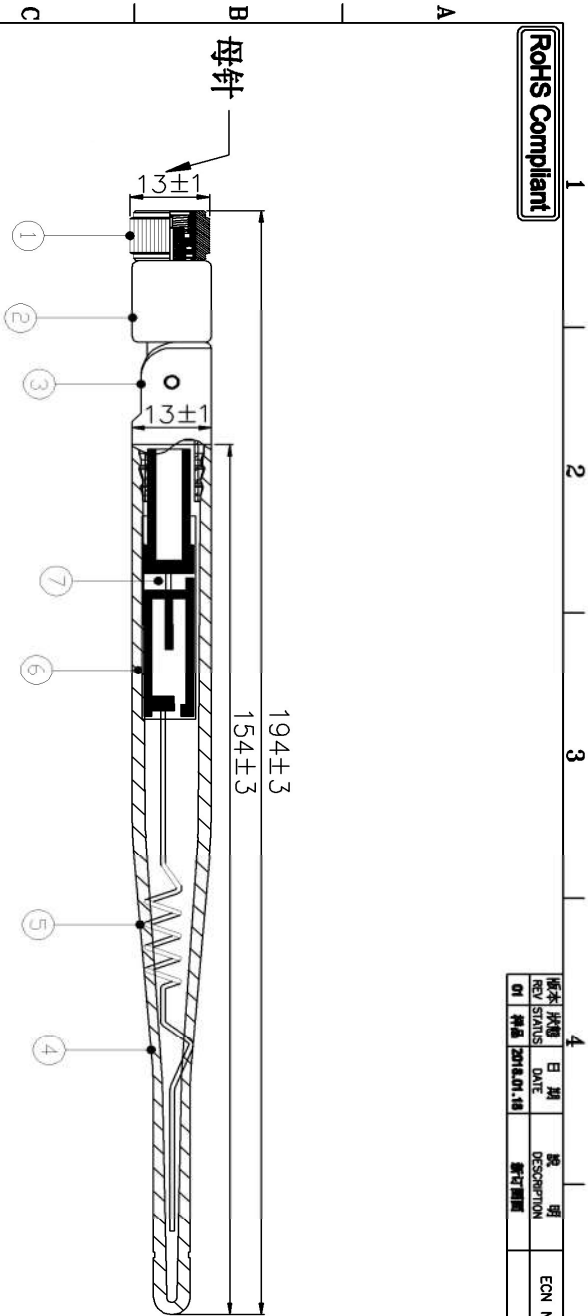
地址:深圳市龙岗区龙西社区五联路25号6栋2楼
ADD:2nd Floor, Building 6, No. 25 Wulian Road, Longxi Community, Longgang District, Shenzhen
邮编 Postal code:
电话 Tel: 075528715836 传真 Fax:
Http:

修订履历

REVISION HISTORY

[illegible]

RoHS Compliant				
版本/狀態		日期	說明	ECN NO.
REV STATUS		DATE	DESCRIPTION	NAME
01	样品	2018.01.18	發行圖面	Alan



工作頻段(Frequency Range)		1.78-66GHz
增益(Gain)		5dBi
電壓駐波比(VSWR)		2.0:1
極化方式(Polarization)		Linear
特性阻抗(Impedance)		50Ω

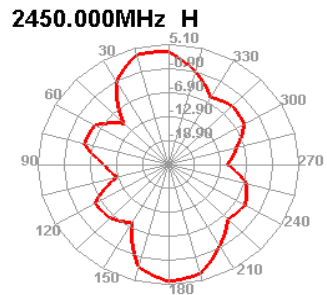
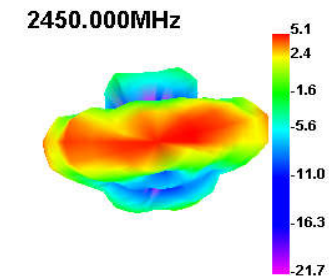
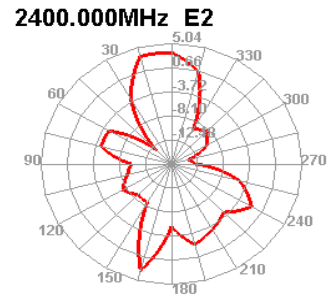
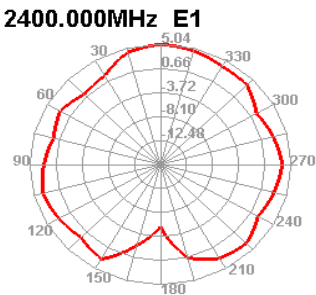
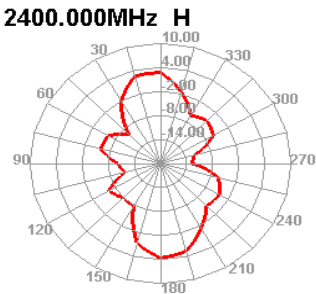
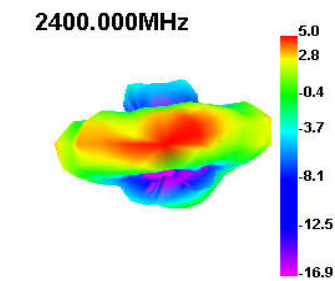
CUST NO.:	
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8100-0005		1.78-66GHz 增倍器 (TPEE+FR-4 增倍器)	
9100-0010		PCB (单) - L45*W8.8*H1.0-TIN-蓝 (2.4G/2.5G) (FR-4)	
6300-0009		L94.5MM*OD6.2*OD0.8*4N-黄铜-OD 2.4G/5G(黄铜)	
8200-0001		*OD13-TPEE 圆形杆塞-50Ω 黑色(TPE)	
8200-0012		L25.3*OD13-PC/PBT 圆形下座-50Ω 黑色小孔(ABS)	
8200-0011		L28.2*OD13-PC/ABS 圆形上座-50Ω 黑色自带螺钉(ABS)	
5001-0004		RF-SMA (P) -5T-178-B-大5 (L) (黄铜+锌合金+镀锌)	
ITEM		DESCRIPTION	
QTY		SORTING NO.	
MHZ.TD		MHZ.TD	
PAGE		1 OF 1	

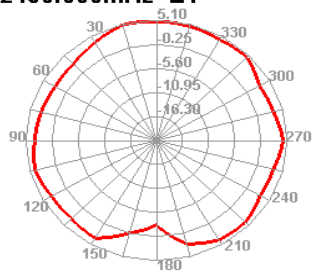
[表單版本-第一版]

六:

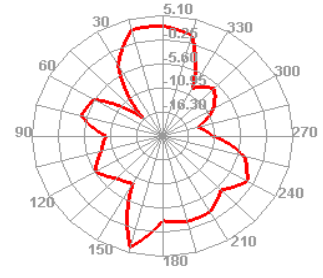
Freq（频段） （MHz）	Effi （%）	Gain（增益） （dBi）
2400	73.97	5.04
2410	77.65	5.23
2420	76.13	5.03
2430	75.89	4.89
2440	78.89	4.95
2450	83.05	5.1
2460	81.12	4.95
2470	81.35	5.03
2480	85.03	5.29
2490	87.21	5.47
2500	87.47	5.53



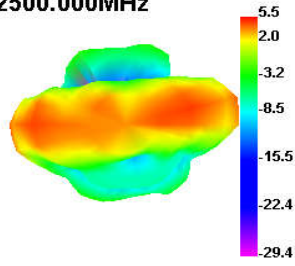
2450.000MHz E1



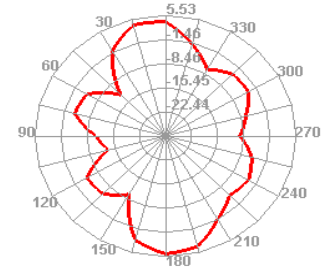
2450.000MHz E2



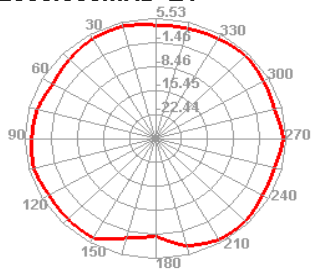
2500.000MHz



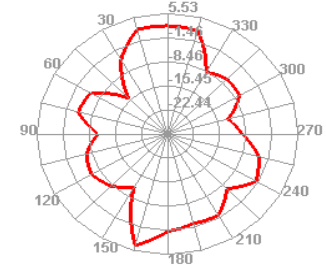
2500.000MHz H



2500.000MHz E1

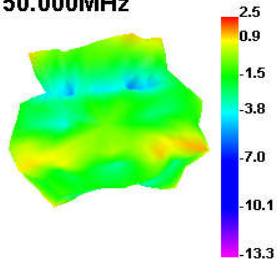


2500.000MHz E2

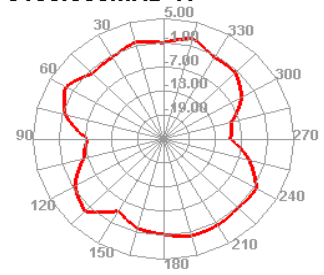


Freq (频段) (MHz)	Effi (%)	Gain(增益) (dBi)
5150	80.43	2.45
5220	80.52	2.82
5290	81.15	3
5360	83.44	3.12
5430	93.6	3.79
5500	93.49	3.68
5570	91.7	4.3
5640	93.87	5.04
5710	94.64	5.36
5780	94.75	5.36
5850	94.13	4.96

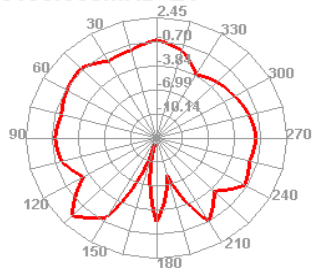
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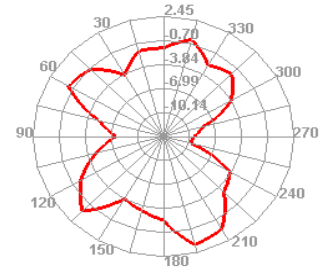
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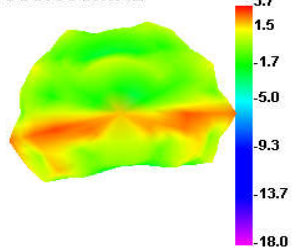
5150.000MHz E1



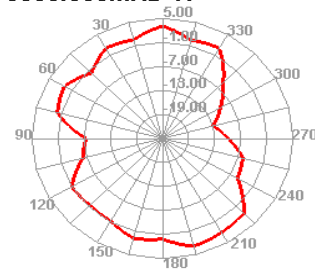
5150.000MHz E2



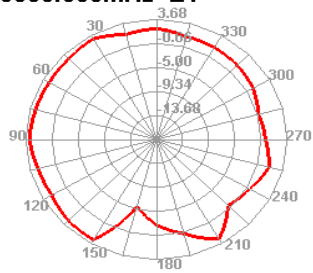
5500.000MHz



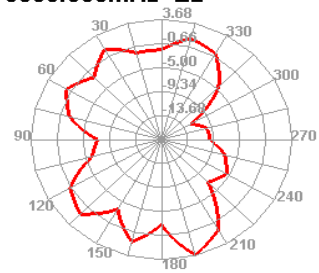
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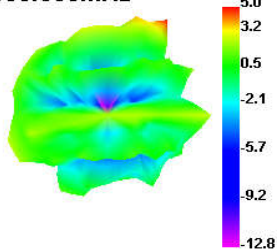
5500.000MHz E1



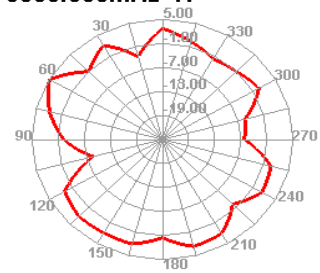
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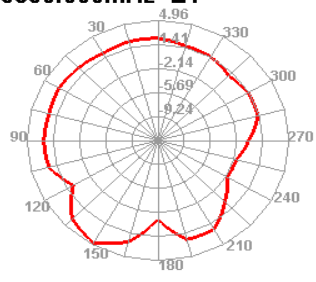
5850.000MHz



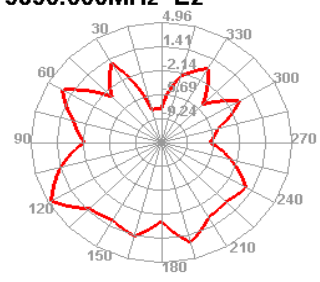
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



六.环境监测Environmental Test Report

No	Test Item	Test Methods and Conditions	Equip ment	Test Result
1	Temperature and Humidity Test	Refer to EIA 364-31 Method III, Condition A The purpose of this test procedure is to evaluate the products used in the detailed standard test methods, which are evaluated by the effects of high humidity and heat, affecting the properties of the material.	K.SON INS THS-A4L-150	Pass
		Request: Temperature: 70°C Humidity: 90~95% (R.H)		
2	Low Temperature Test	Refer to Feiyuxin's test standard: The measured sample should be placed in a temperature environment with a temperature set to -20°C	K.SON INS THS-A4L-150	Pass
		Request : Time: 24H		
3	High Temperature Test	Refer to Feiyuxin's test standard: The measured sample should be placed in a temperature environment with a temperature set to 70°C.	K.SON INS THS-A4L-150	Pass
		Request: Time: 24H		
4	Thermal Shock	Refer to Zhaohe's test standard: The measured sample should be placed in a fixed environment with a temperature set to -20~70°C.	K.SON INS THS-A4L-150	Pass
		Request: More than 8H.(each time 30mins, 12 cycles)		
5	Salt Spray Test	Refer to Zhaohe's test standard: The measured sample should be placed in a fixed environment at its request: NaCL concentration: 40-60g/1Kg PH value: 6.5-7.2 Testing time: 24H	Salt Spray Tester	Pass
		1.No rust and peeling on gold plated products. 2.No rust on 2 or more points of other nickle plated, tin plated and galvanized products in the same axis or face.		

七：机械试验报告Mechanical Test Report

No	Test Item	Test Methods and Conditions	Equip ment	Test Result
1	Vibration Test	Condition A The purpose of this test procedure is to evaluate the products used in the detailed standard test methods, which are evaluated by the movement or movement, affecting the performance of the material	Vibration Tester	Pass
		Request: Vibration scope: 10-55HZ Displacement amplitude: 0.35mm Acceleration amplitude: 50.0M/S Frequency sweep times: 30times		
2	Low Temperature Test	Refer to Zhaohe's test standard: The measured sample should be placed at a certain height, its height is set to 1M, according to the direction of 6 free fall 3 times.	Drop Test Fixture	Pass
		Request: After the drop test, the mechanical properties of the product are normal.		
3	High Temperature Test	Refer to Feiyuxin's test standard: Fixed the object by the jig. Using a certain force to opposite direction after the force, the product assembly can not fall off.	Tension Tester	Pass
		Request: 1. Products assembly can not fall off. 2. SMA minimum tension: 3KG		

八.包装说明报告Packaging instruction report

PE包装袋 天线100PCS/包、馈线 200PCS/包；

外包装标签上须含有以下信息： 供应商名称、客户料号、物料名称、RoHS标签、包装数量、生产日期。

Package by PE bags, Antenna 100PCS/ bag, Feeder line200PCS/ bag;

The carton label shall contain the following information: supplier name, customer material number, material name, RoHS tag, packing quantity, production date.

备注 REMARKS:

1.供方所提供样品及量产物料均需满足上述技术要求

1.Product samples provided by the supplier and the amount of material must meet the technical requirements

2.每页及所有附件每一页均需加盖供方公章确认

2.Each page and all the attachments were confirmed need official seal of the supplier

3.每项页数不够填写时供方可以自行增加

3.Each page not enough to fill out,the supplier can increase on its own

4.技术规格书必须于试产前提供，且需作为物料承认的基本条件

4.Technical specification must be provided prior to trial production, and need to be admitted as the basic condition material approval.