

承認書

客 戶： _____
品 名： 868-921mhz Antenna
料 號： HX-A25
客戶料號： _____
送樣日期： _____

客戶確認			供應廠商	
工程部	品保部	採購部	核准	送樣人
				

地址： 東莞市沙田鎮楊公洲楊和路75號

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Http://www.nogps.cn

http://hxnogps.1688.com

目 录

1.封面-----	1
2.目录-----	2
3.成品图面-----	3
4.测试报告-----	6

RoHS

Compatible

CUSTOMER

PART NO

REV.

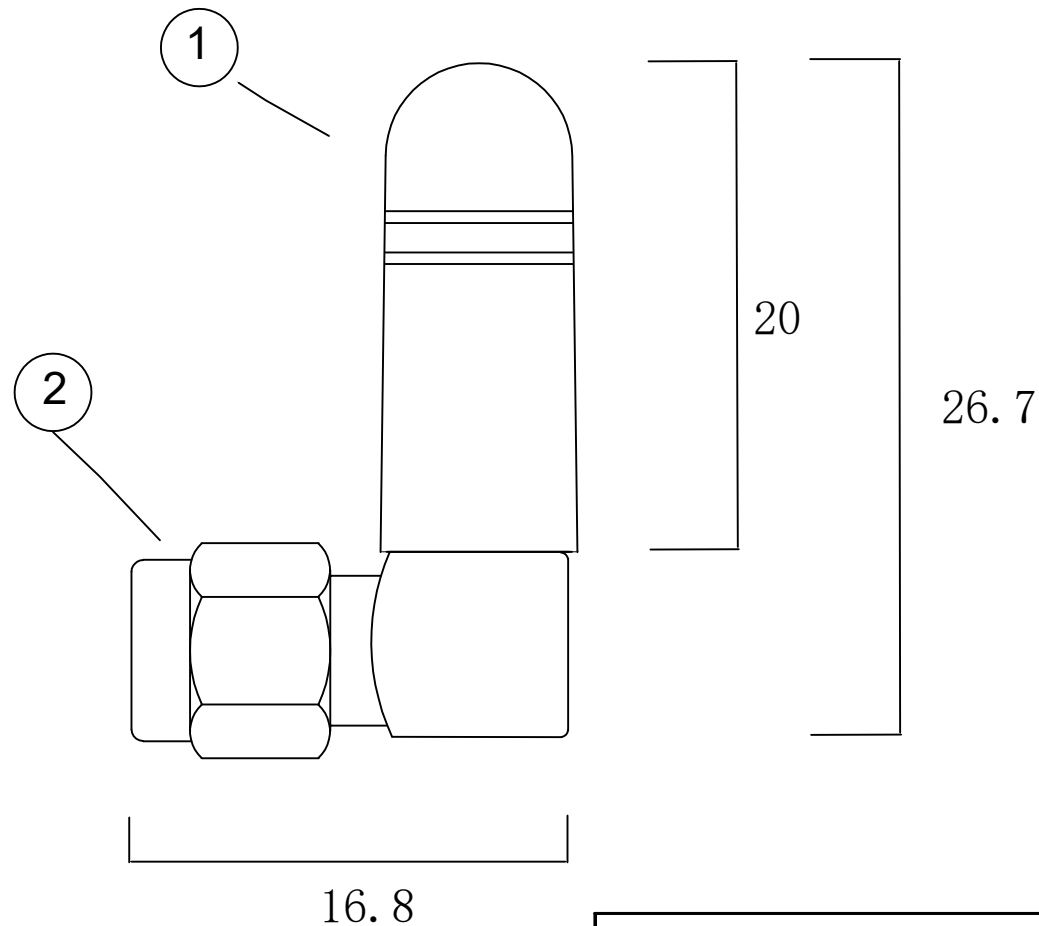
DESCRIPTION

DATE

△

首次发行

2017.04.12



东莞市亨松电子科技有限公司

PART NAME: 2.4G Antenna

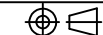
PART NO.: HX-A25

DATE: 2023-08-16

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance

覃剑勇

UNITS: mm

SCALE: 1/1

REVISION: A

X.X ±0.50

X.XX±0.15

X° ±3°

2	HX-SMA-06	SMA弯头 内孔	铜	金色	1
1	HX-AN68-08	本体 20mm	PC+ABS	白色	1
No.	Part Number	Description	Material	Finished	O'ty

Index:

- 1. Reliability Testing**
- 2. Specification**
- 3. S Parameter Test Data**
- 4. Antenna Radiation Pattern**



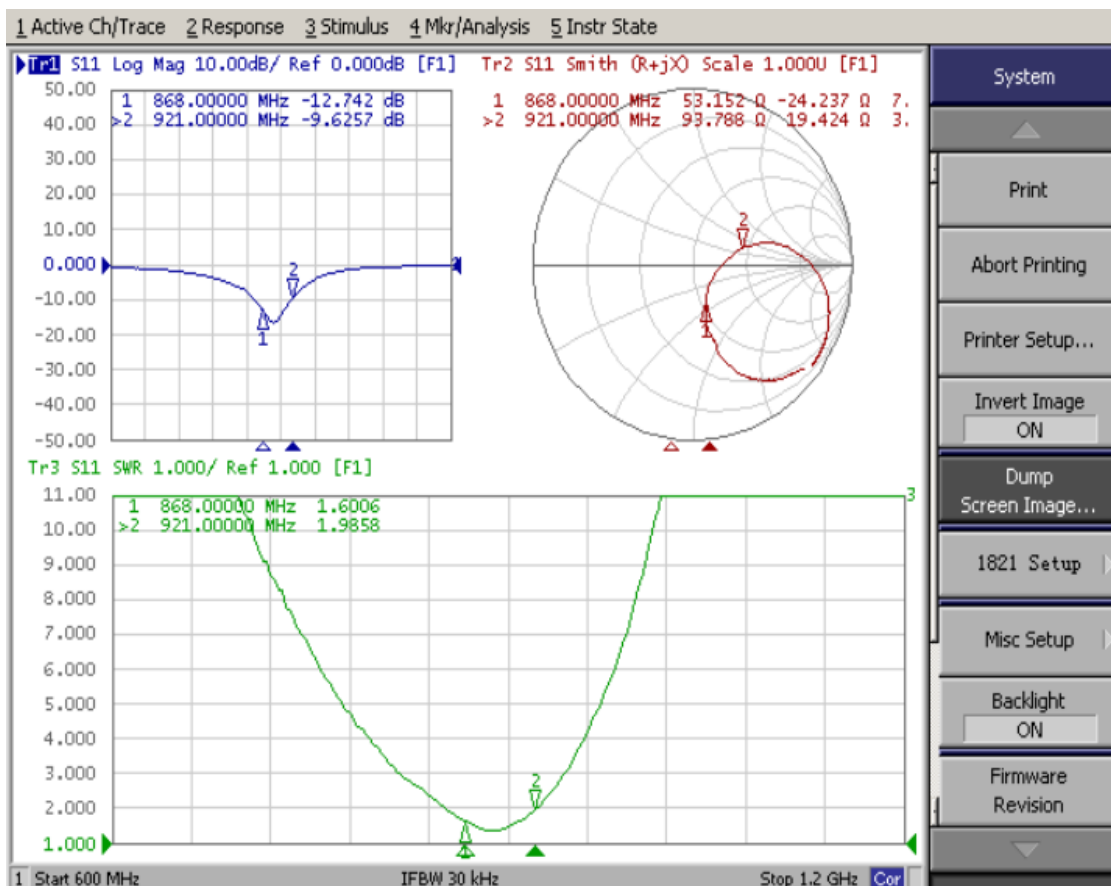
1. Reliability Testing

Test Item	Procedure	Requirement
1. Visual inspection and Dimension Check	Applicable methods using x5 magnification	follow specification
2. Rapid Changing of Temperature	-40°C (30minutes) to 80°C (30minutes); 24 cycles	After 2 hours recovery: 1. no visible damage 2. bandwidth tolerance < ±5%
3. Damp Heat	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery: 1. no visible damage 2. bandwidth tolerance < ±5%
4. Endurance	24 hours at 80°C	After 2 hours recovery: 1. no visible damage 2. bandwidth tolerance < ±5%
5. Connector Pull Strength Test	>= 1.0 Kg	Hold 2~3S: 1. no visible damage 2. bandwidth tolerance < ±5%

2. Specification

A. Electrical Characteristics	
S.W.R.(Tested in PC)	≤ 2.0 @ 868-921MHz
Typical Antenna Gain	2db
Admitted Power	2W
Impedance	50 Ohm
B. Material	
Material of Radiator	CU
Connector Type	SMA
C. Environmental	
Operation Temperature	- 30 °C ~ + 85 °C
Storage Temperature	- 30 °C ~ + 85 °C

3. S.W.R. Testing Result



4. Antenna Radiation Pattern

Testing Equipment Specification:

Antenna Anechoic Chamber Dimension: 8 x 4 x 4 m

Quiet Zone: 600mm @1 GHz

Isolation: >100dB @ 1 MHz ~ 10 GHz

Testing Equipment: Agilent 5071B

Received Antenna: 0.7 ~ 6.0 GHz for Gain Calibration

Double Ridged Horn Antenna

