

 **GPS** 東莞市亨松電子科技有限公司

Hengxin Technology Inc.

承認書

客 戶:	_____
品 名:	<u>433MHZ Antenna</u>
料 號:	<u>HX-P62</u>
客戶料號:	_____
送樣日期:	_____

Address: No. 75, Yanghe Road, Yanggongzhou, Shatian
Town, Dongguan City

TEL : 0769-81663533 FAX: 0769-89361945

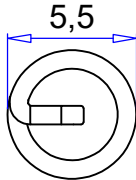
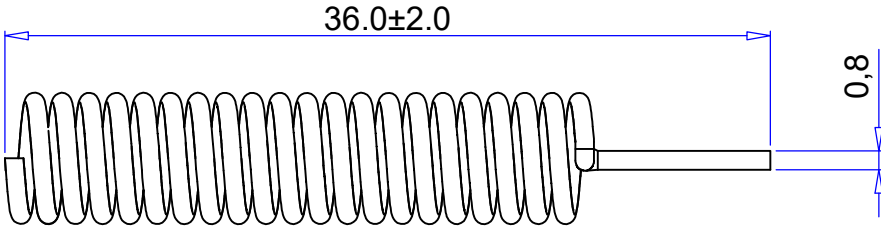
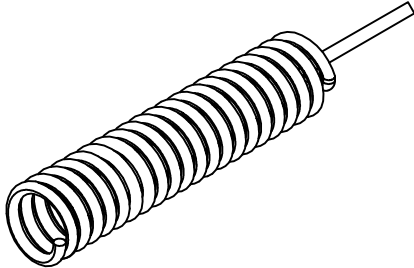
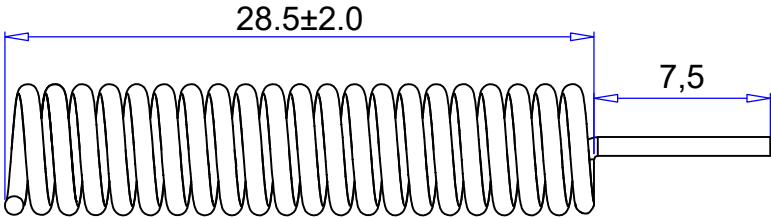
E-mail:nogps@qq.com

Http://www.nogps.cn

http://hxnogps.1688.com

RoHS
Compatible

序号	日期	原因	确认人
B			
C			
D			



弹簧技术要求

公差:

弹簧材料	磷铜	线径	0. 8mm
旋转方向	/	旋转有效圈数	21T
出脚方式	中心直线	孔距	/
弹簧上部尺寸			
弹簧下部尺寸			
弹簧高度			

东莞市亨松电子科技有限公司

PART NAME: 433MHz弹簧天线

PART NO.: HX-B688 .W01

DATE: 2024-03-10

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance



张雅均

UNITS: mm

SCALE: 1/1

REVISION:A

X.X ±0.50

X.XX±0.15

X° ±3°

Index:

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

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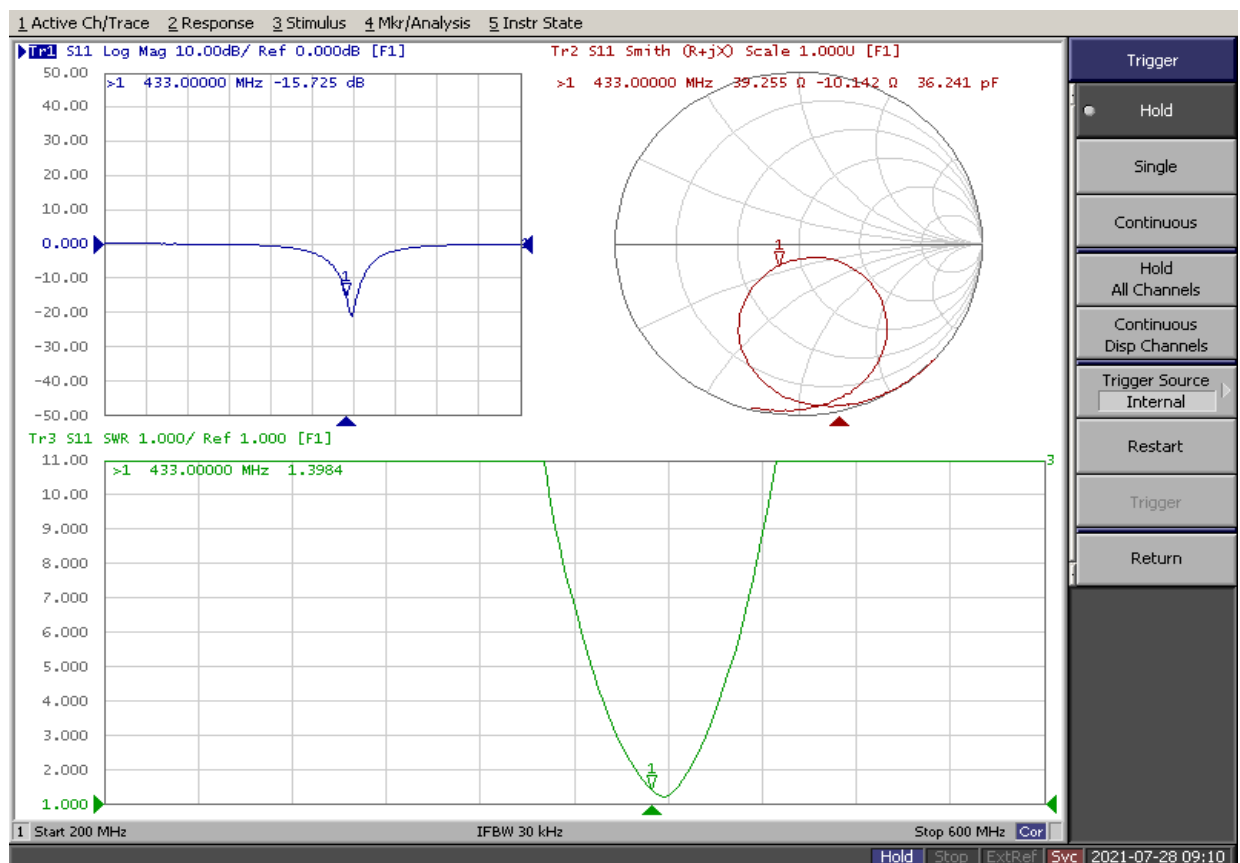
1. Reliability Testing

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 90°C (30minutes); 24 cycles	After 2 hours recovery: 1. no visible damage 2. Freq. Tol.: < ±5%
3. Damp Heat	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery: 1. no visible damage 2. Freq. Tol. : < ±5%
4. Endurance	24 hours at 90°C	After 2 hours recovery: 1. no visible damage 2. Freq Tol.: < ±5%

Specification

A. Electrical Characteristics	
Working Frequency	433 MHz
V.S.W.R.	< 2.0 @
Typical Antenna Gain	Peak Gain :1dBi Average Gain :0dBi
Polarization	Linear\Horizontal
Impedance	50 Ohm
B. Material & Mechanical Characteristics	
Material of Radiator	Spring Line
Material of Plastic	Body:Spring antenna
Material of Coaxial Cable	RG1.13
Connector Type	sma
C. Environmental	
Operation Temperature	- 30 °C ~ + 85 °C
Storage Temperature	- 30 °C ~ + 85 °C

2. S Parameter Test Data



3. 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

