

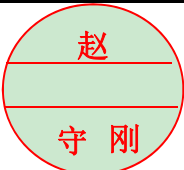
NOTE: All emissions measurements are performed radiated and therefore additional gain documentation is not required.

 **GPS** 東莞市亨松電子科技有限公司

Hengxin Technology Inc.

# 樣品承認書

客 戶: \_\_\_\_\_  
品 名: 2.4G小S胶棒天线  
料 號: HX-A04-2.4G  
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
				

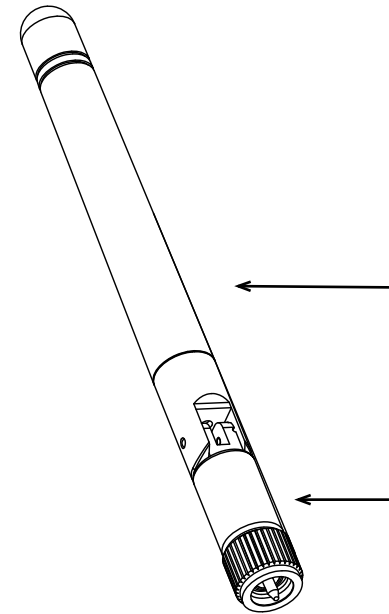
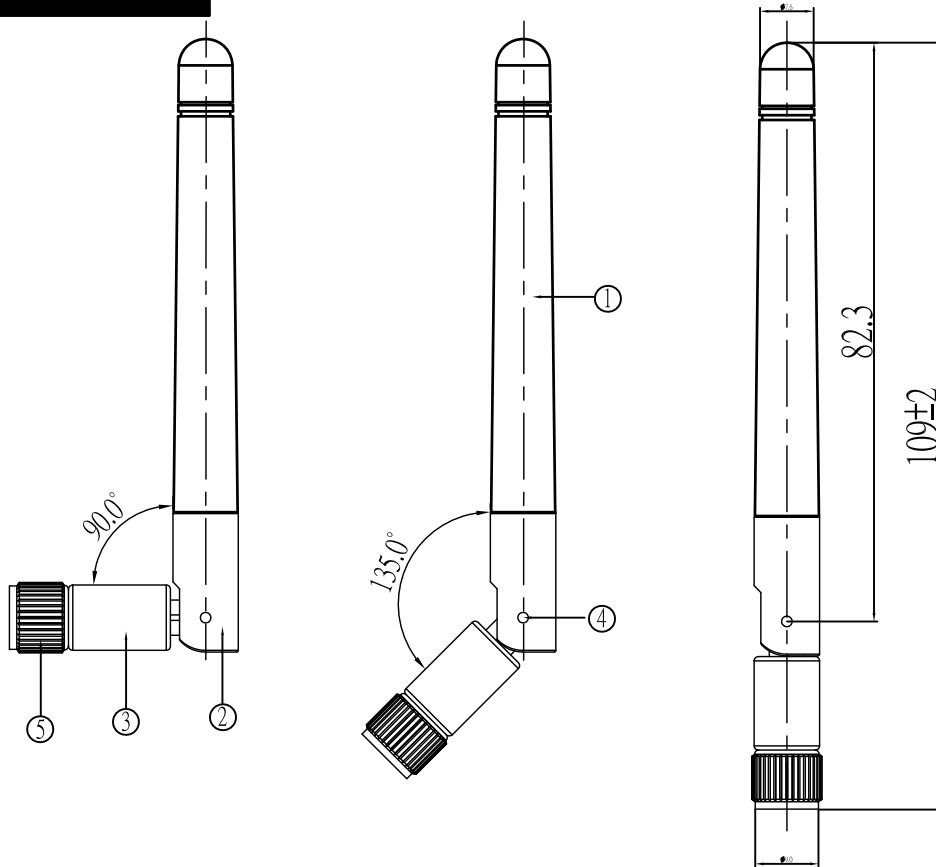
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# 目 录

1.封面-----	1
2.目录-----	2
3.成品图面-----	3
4.测试报告-----	4
5. Cable Specification-----	7

# RoHS

## Compatible



序号	日期	原因	确认人
A			
B			
C			

5	H-SMA260-ZC8MNANT	SMA公頭內孔	鋅合金	鍍黑	1
4	H-AN01-1213Z	定位柱	青銅	鍍黑	2
3	H-AN57-01	連接頭	PA+ABS	黑色	1
2	H-AN57-02	連接筒	PA+ABS	黑色	1
1	H-AN57-03	塑膠本體	TPE	黑色	1
NO.	Part Number	Description	Material	Finish	Q'ty

### 东莞市亨松电子科技有限公司

零件名称	2.4G Antenna	产品名称	2.4G Antenna
零件料号	HX-A04- 2.4G	产品料号	HX-A04-3G.Dwg
缩放比例	NONE	单位	mm
核准人	审核人	制图人	尺寸公差
赵守刚	李红	李红	x. ±0.5
2014.08.08	2014.08.08	2014.08.08	x.x ±0.1
			x.xx ±0.05
			x° ±1
			Rev.
			A

**Index:**

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



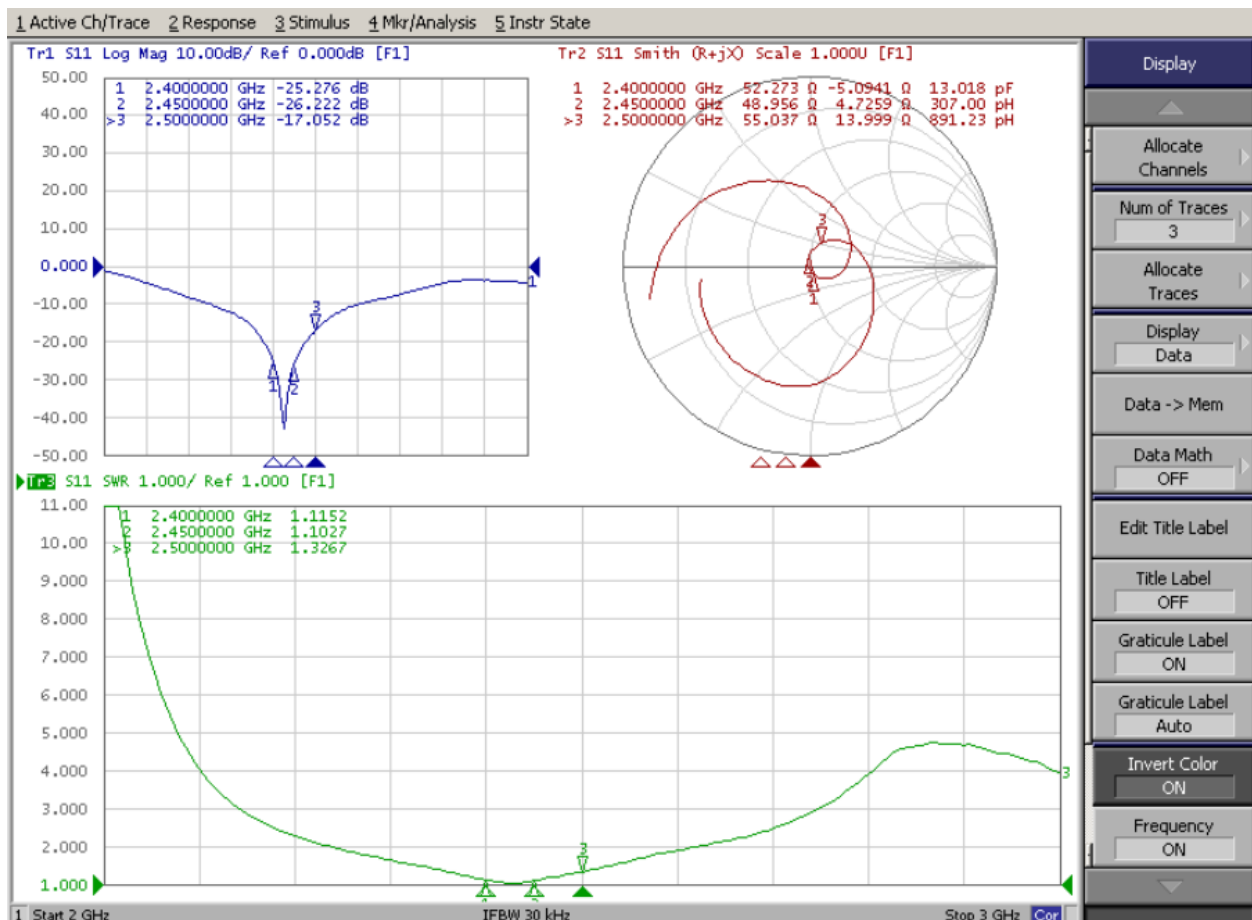
**1. Reliability Testing**

<b>Test Item</b>	<b>Procedure</b>	<b>Requirement</b>
<b>1. Visual inspection and Dimension Check</b>	Applicable methods using x5 magnification	follow specification
<b>2. Rapid Changing of Temperature</b>	-40°C (30minutes) to 90°C (30minutes); 24 cycles	After 2 hours recovery: 1. no visible damage 2. Freq. Tol.: < ±5%
<b>3. Damp Heat</b>	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery: 1. no visible damage 2. Freq. Tol. : < ±5%
<b>4. Endurance</b>	24 hours at 90°C	After 2 hours recovery: 1. no visible damage 2. Freq Tol.: < ±5%

## 2. Specification

A. Electrical Characteristics	
S.W.R.	2 4 0 0 - 2 5 0 0 MHz: $\leq 2.0$
Antenna Gain	3 dBi
Impedance	50 Ohm
B. Material	
Material of Radiator	Cu (Plated)
Connector Type	SMA Male Reverse
C. Environmental	
Operation Temperature	- 30 °C ~ + 85 °C
Storage Temperature	- 30 °C ~ + 85 °C

## 3. S Parameter Test data



#### 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

