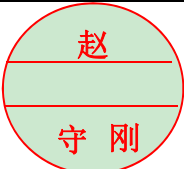


樣品承認書

客 戶: _____
品 名: 2.4G彈簧天线
料 號: HX-B456A
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杨和路75號

TEL : 0769-81663533 FAX: 0769-89361945

E-mail:nogps@qq.com

Http://www.nogps.cn

http://hxnogps.1688.com

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Compatible

Technical drawing of a mechanical part, likely a spring or a fastener, showing dimensions in millimeters. The drawing includes a side view and a cross-sectional view. The side view shows a vertical section with a total height of 5.5 mm, a horizontal section with a length of 14 mm, and a coiled section with a width of 3.7 mm. The cross-sectional view shows a circular profile with a diameter of 3.6 mm and a vertical section with a height of 5.5 mm.

1	$\lambda, \lambda \lambda \perp 0.1 \text{ J}$
1.1	$\gamma^\circ + 3^\circ$

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

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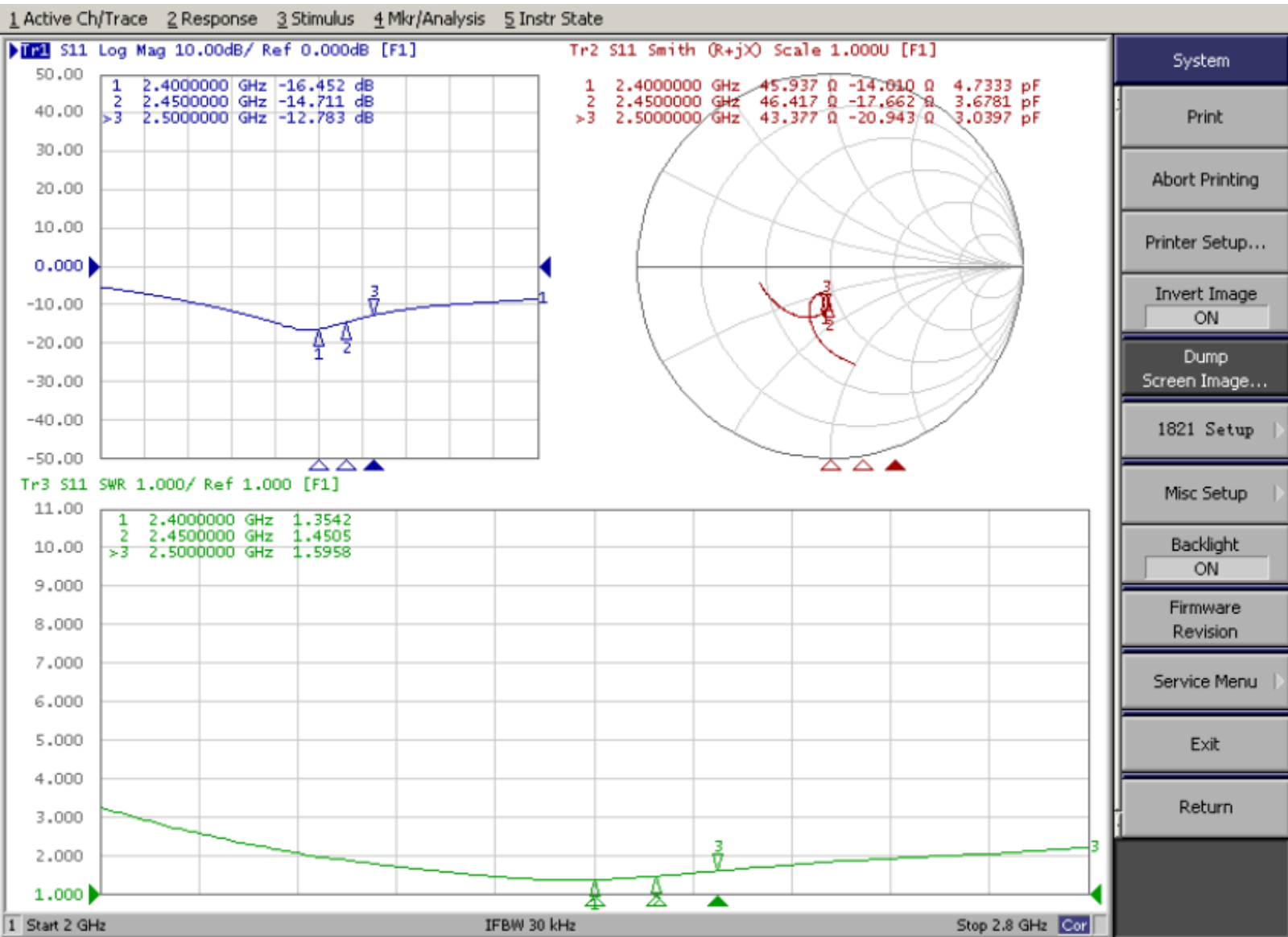
1. Reliability Testing

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 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 @ 2.4G
Typical Antenna Gain	+1.0 ± 0.5
Impedance	50 Ohm
B. Material	
Material of Radiator	CU
Connector Type	N/A
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

