

Hengxin Technology Inc.

Sample Acknowledgment Letter

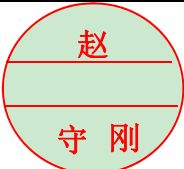
custom: 2.4/5.8G Internal Antenna

Product Name: HX-P135

Item number:

Customer part number:

Sample delivery date:

Customer confirmation			Supplier	
engineering department	Quality Assurance	Procurement Department	approval	Samplesender
				

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

Directory

1.cover----- 1

2.directory----- 2

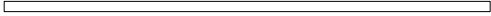
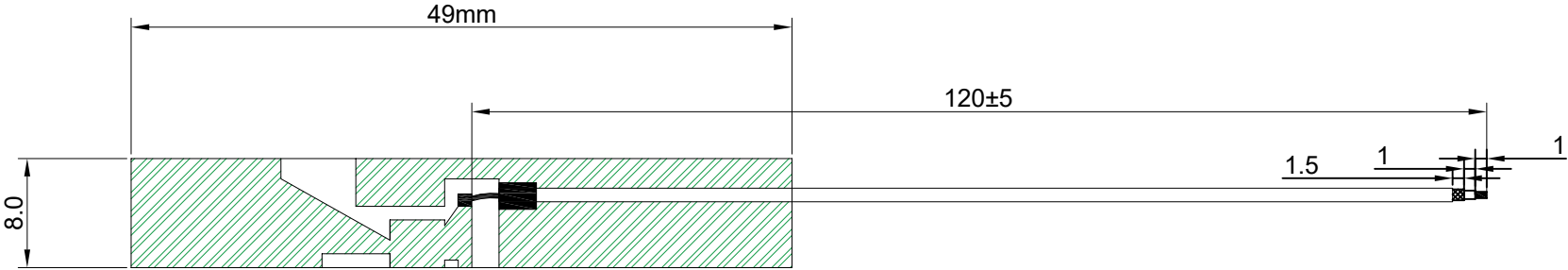
3.Finished product drawing----- 3

4.Finished product drawing-----4

5.Cable Specification-----7

RoHS
Compatible

序号	日期	原因	确认人
B			
C			
D			



thickness 0.73mm

东莞市亨松电子科技有限公司

PART NAME: 2.4/5.8G PCB Internal Antenna			
PART NO.: HX-P135-BX120B .W01		DATE: 2020-09-17	
APPROVED BY	CHECKED BY	DESIGNED BY	Tolerance
	赵 2020.09.17 守刚	张雅军	X.X ±0.50
			X.XX±0.15
			X° ±3°
			UNITS: mm
			SCALE: 1/1
			REVISION:A

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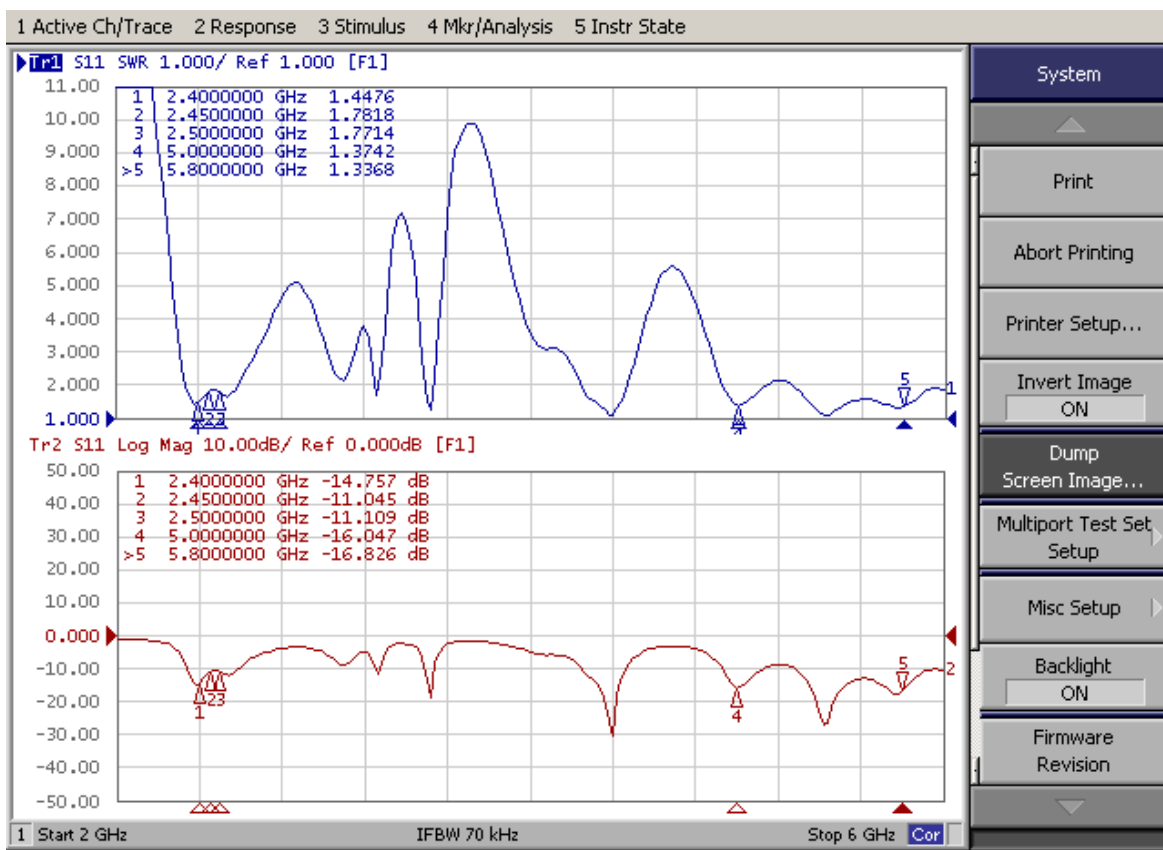
1. Reliability Testing

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%

2. Specification

A. Electrical Characteristics	
S.W.R.	2400-2500/5000-5865 MHz: ≤ 2.0
Antenna Gain	3dBi
Impedance	50 Ohm
B. Material	
Material of Radiator	
Connector Type	剥线镀锡
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

