

产品规格承认书

SPECIFICATIONS

客户:
CUSTOMER: _____
产品名称:
DESCRIPTION: _____ chip antenna
客户型号:
CUSTOMER PART NO: _____

产品型号:
OUR MODEL NO: _____ PBX2012MA04
日期:
DATE: _____

确认签字, 盖章后请返回承认书一份
PLEASE RETURN TO US ONE COPY OF “SPECIFICATION FOR
APPROVAL” WITH YOUR APPROVED SIGNATURES

approval		to examine		make	
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客户确认签章 (APPROVED SIGNATURE)			

PBX2012MA04 Specification

Operating Temp. : -40°C~+85°C

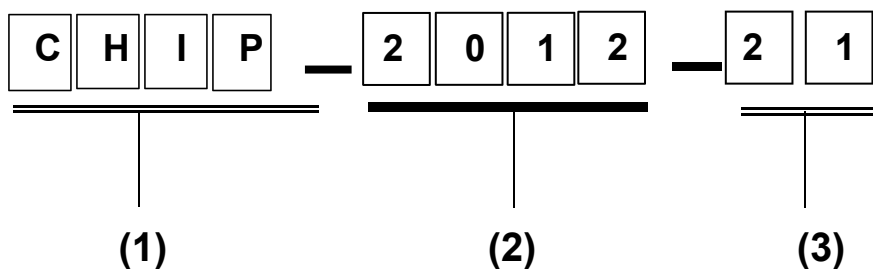
1. FEATURES:

- Light weight, compact
- Wide bandwidth, low cost
- Built-in antenna with high gain

2. APPLICATIONS:

- Bluetooth, Wireless LAN, Mobile TV
- Home RF System, etc

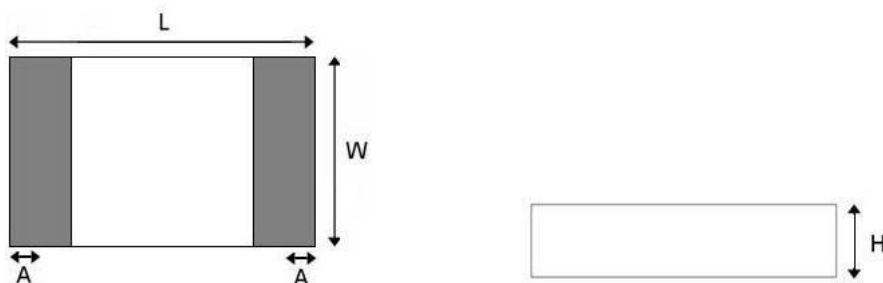
3. PRODUCT IDENTIFICATION



(1) Product type: Multilayer chip Antenna

(2) External Dimensions (L×W) (mm): 2.0*1.2

4. SHAPE AND DIMENSIONS:



SHAPE AND DIMENSIONS

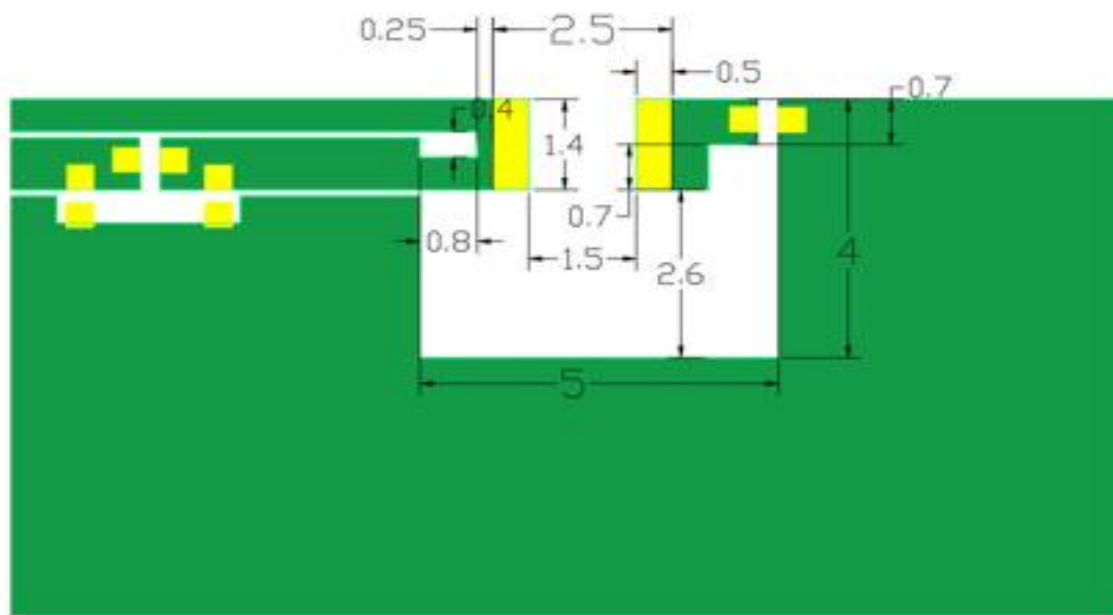
L	W	H	A
2.0±0.2	1.2±0.2	0.55±0.1	0.4±0.1

UNLESS OTHER SPECIFIED TOLERANCES ON: X=± X.X=± X.XX= ANGLES=± HOLEDIA=±		Compan: Shenzhen Pengban Xingye Technology Co., Ltd Add.: 605, Building 4, 1970 Science and Technology Park, Minzhi Community, Minzhi Street, Longhua District, Shenzhen	
SCALE: N/A	UNIT: mm	THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF PBXY TECHNOLOGY Limited AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION	
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DESIGNED BY: Sera	APPROVED BY: XD		
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		2012	P1

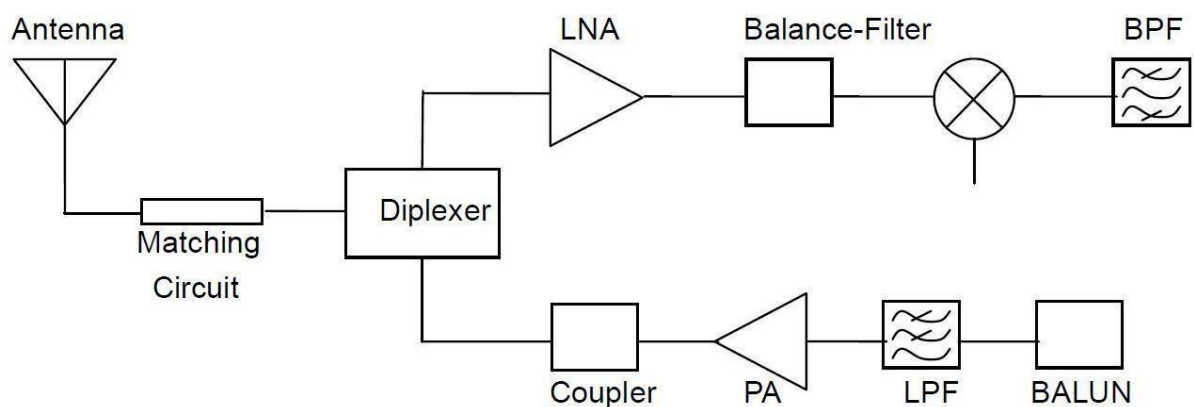
TERMINAL-CONFIGURATION



EVALUATION BOARD



APPLICATION GUIDE



UNLESS OTHER SPECIFIED TOLERANCES ON: $X=\pm$ $X.X=\pm$ $X.XX=\pm$ ANGLES $=\pm$ HOLEDIA $=\pm$		Compan: Shenzhen Pengban Xingye Technology Co., Ltd Add.: 605, Building 4, 1970 Science and Technology Park, Minzhi Community, Minzhi Street, Longhua District, Shenzhen	
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			SPEC REV. P1

5. SPECIFICATIONS:

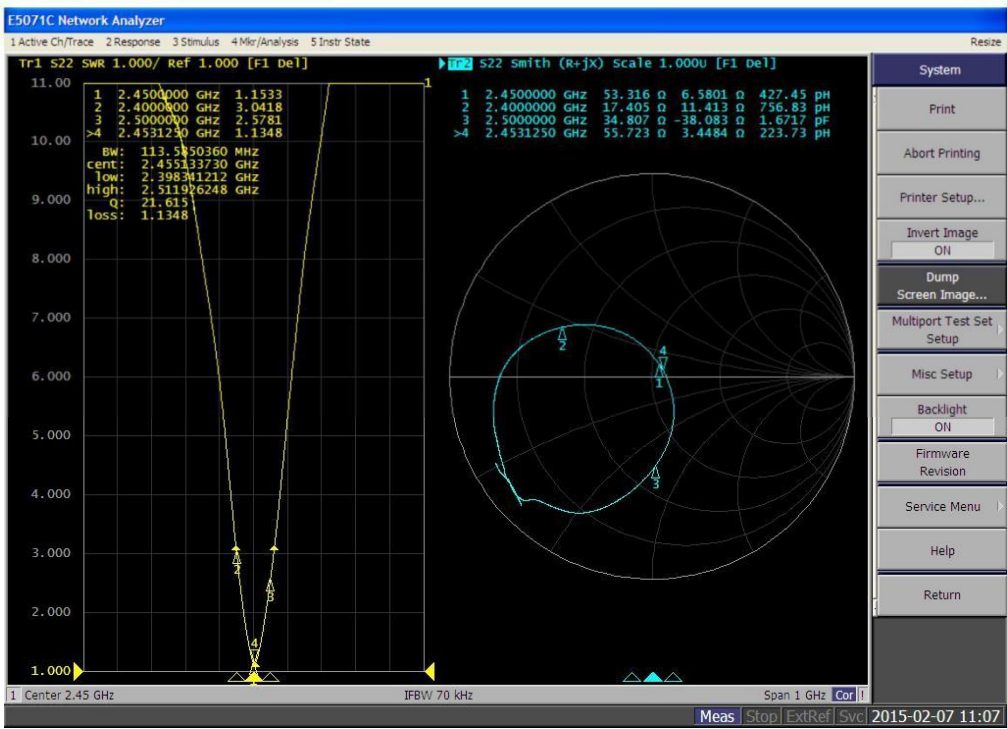
ITEM	SPECIFICATION
Frequency Band	2400MHz~2483MHz
VSWR	Less than 3
Polarization	Linear
*Peak Gain	2.48 dBi Typ.
*Peak Efficiency	72.6% Typ.
Impedance	50 Ω Typ.

* Test condition: Test board size 98*65 mm

Matching circuit: Pi matching circuit will be required

6. Electrical Characteristics :

VSWR



Mark	Frequency	VSWR
1	2400 MHz	3.04
2	2450 MHz	1.15
3	2500 MHz	2.57

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SCALE: N/A

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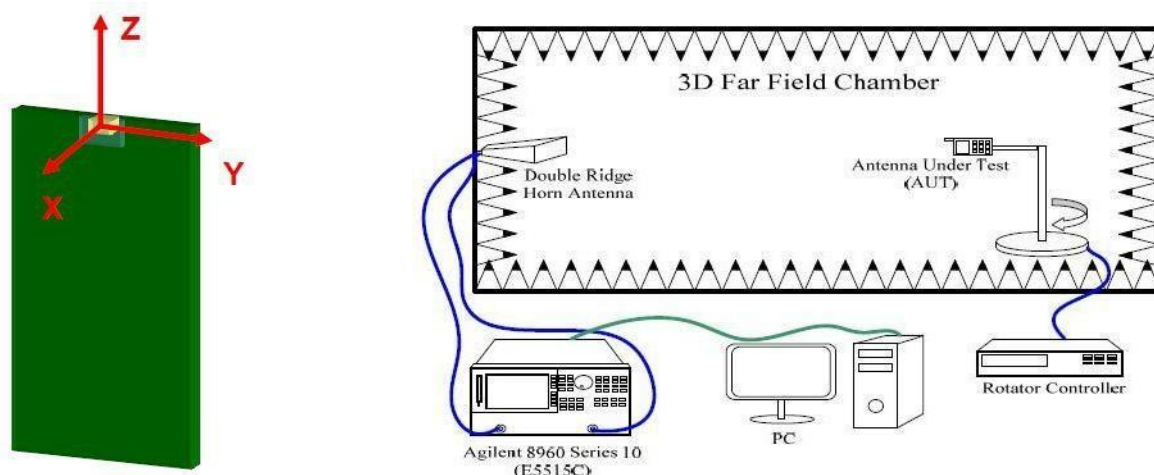
DOCUMENT NO.

2012

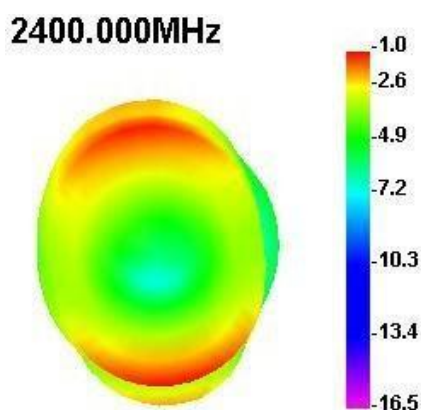
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Radiation Pattern

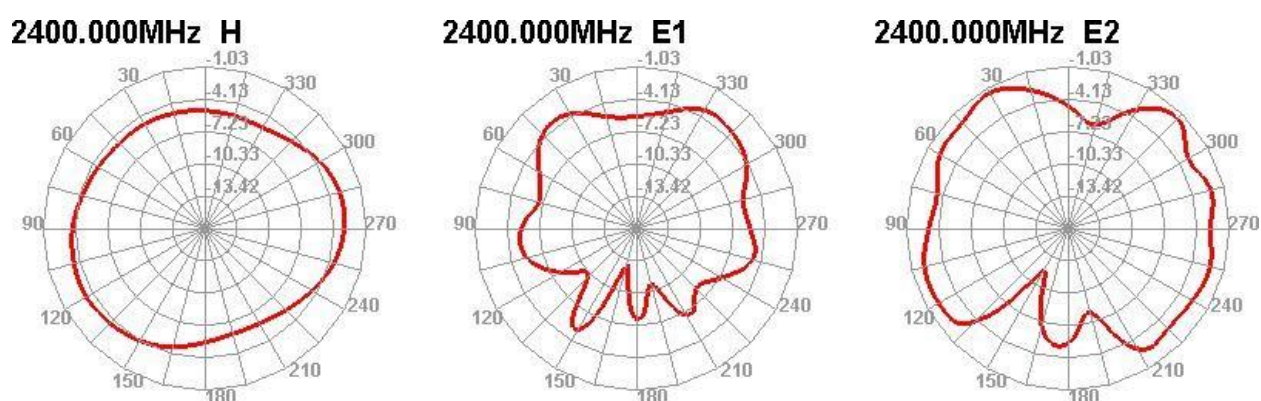
The Gain pattern is measured in INPAQ's FAR-field chamber. DUT is placed on the table of rotator, a standard horn antenna and Vector Network Analyzer is used to collect data.



© 3D Gain Pattern (2400 MHz)



© 2D Gain Pattern (2400 MHz)



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