

产品规格承认书

SPECIFICATIONS

客户:

CUSTOMER: _____

产品名称:

DESCRIPTION: _____ Bipolar 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

Approved		Audit		Making	
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Customer Acknowledges Signature	
Date	

UNLESS OTHER SPECIFIED TOLERANCES ON: X=± X.X=± X.XX=± ANGLES = ± HOLEDIA = ±		 PengBanXingYe ShenZhen Technology Co. , Ltd
SCALE: N/A	UNIT: mm	
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TITLE: CHIP2450-1608 Specification		DOCUMENT NO. 2012 SPEC REV. P1

PBX2012MA06 Specification

Operating Temp. : -40°C~+85°C

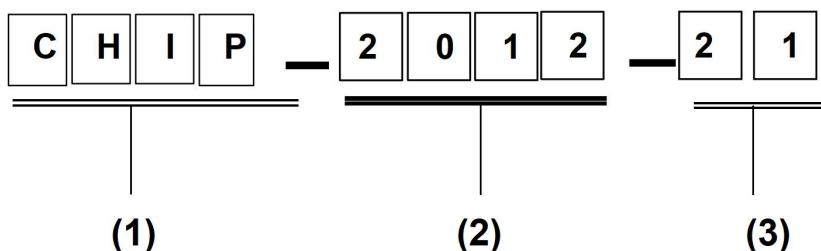
1. FEATURES:

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

2. APPLICATIONS:

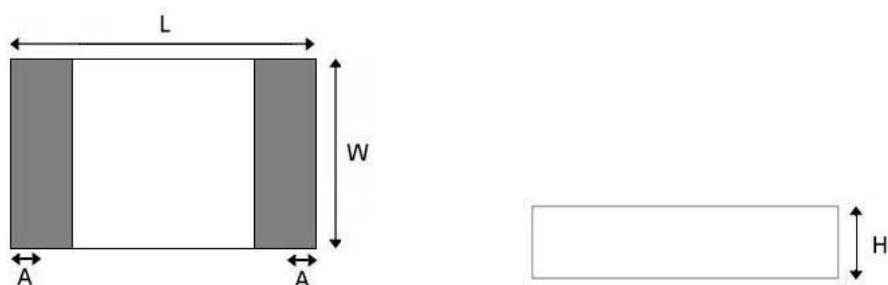
- Bluetooth, Wireless LAN, Mobile TV
- Home RF System, etc

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

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ANGLES = ± **HOLE DIA** = ±

SCALE: N/A

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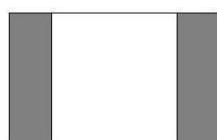
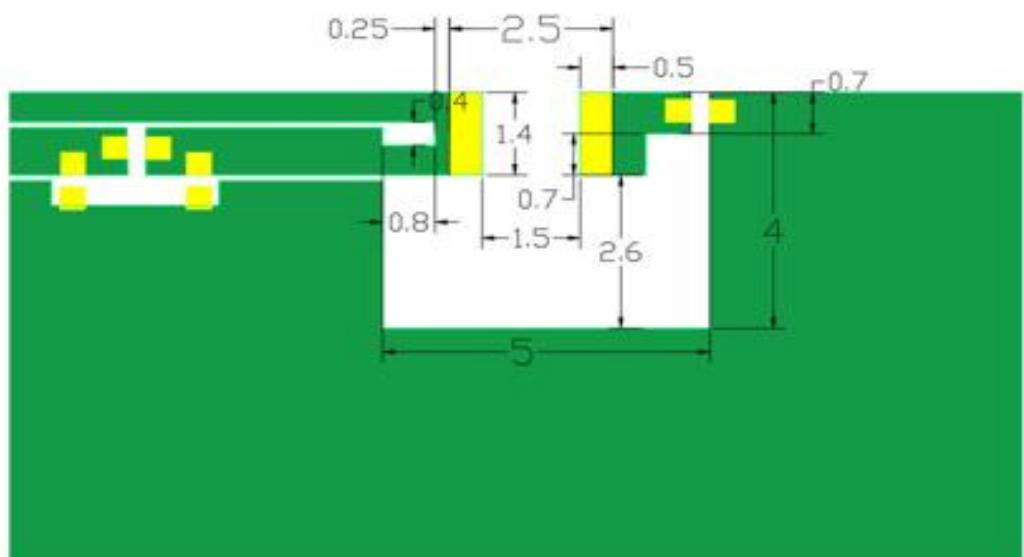
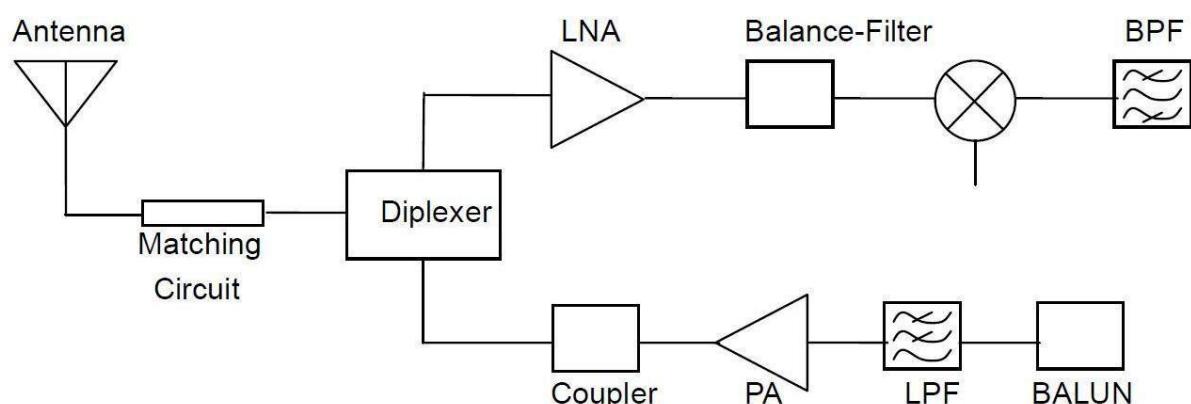
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TERMINAL-CONFIGURATION**EVALUATION BOARD****APPLICATION GUIDE**

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ANGLES = \pm	HOLE DIA = \pm	

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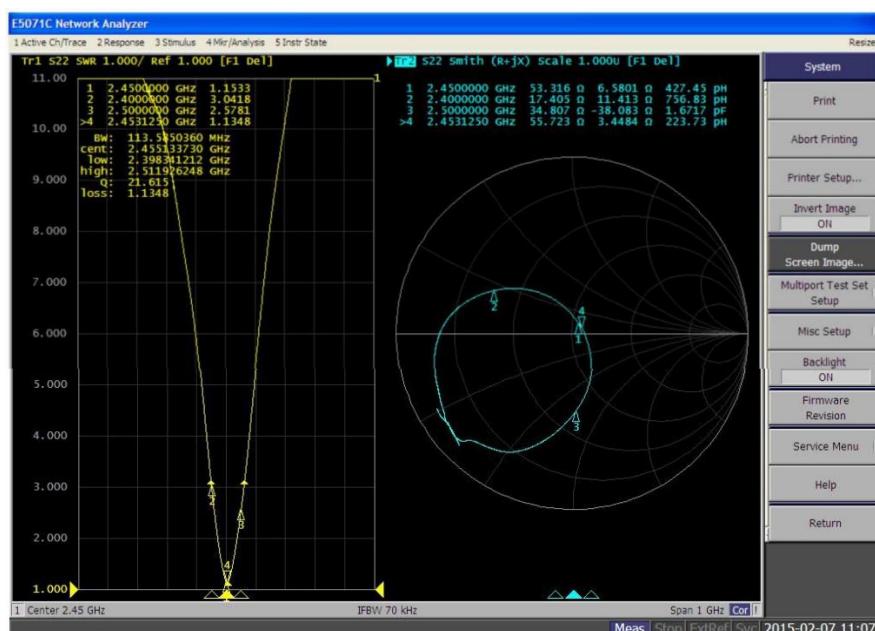
5. SPECIFICATIONS:

Test Item	Specifications
Bandwidth	2400–2500MHz
Polarization mode	Linear polarization
* Maximum gain	2. 8dBi
* Efficiency	72. 30%
Input Impedance	50 Ω

* Test condition: Test board size 98*65 mm

Matching circuit: Pi matching circuit will be required

6. Electrical Characteristics: VSWR



Mark	Frequency	VSWR
1	2400MHz	3.04
2	2450MHz	1.15

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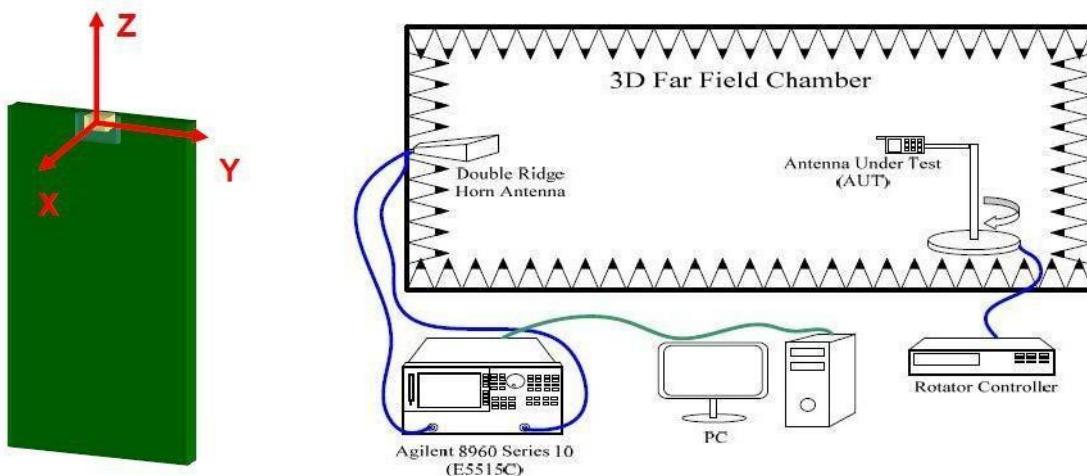
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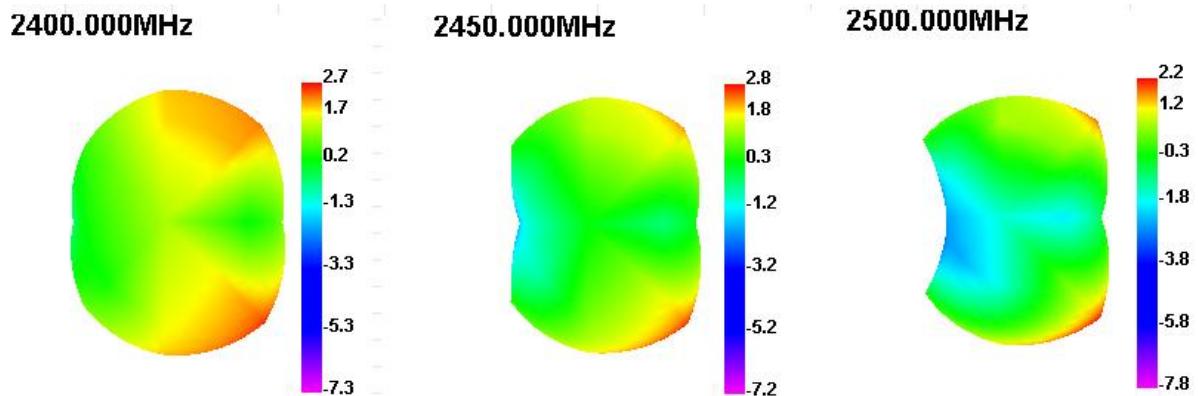
3	2500MHz	2.57
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Radiation Pattern

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-2500MHz)



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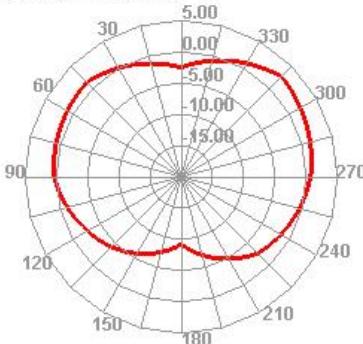
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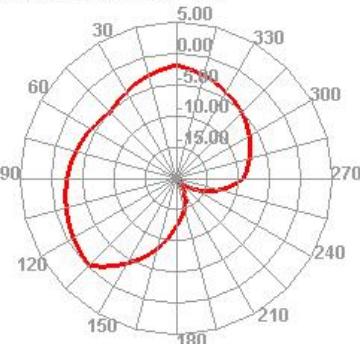
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◎ 2D Gain Pattern (2400 MHz-2500MHz)

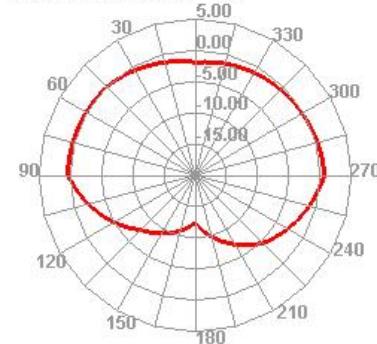
2400.000MHz H



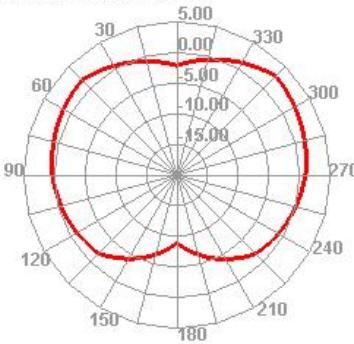
2400.000MHz E1



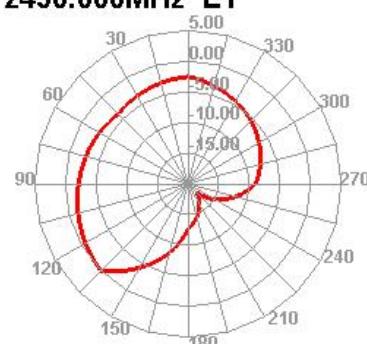
2400.000MHz E2



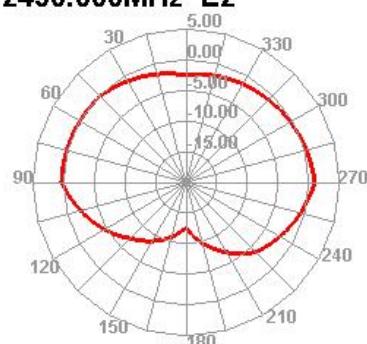
2450.000MHz H



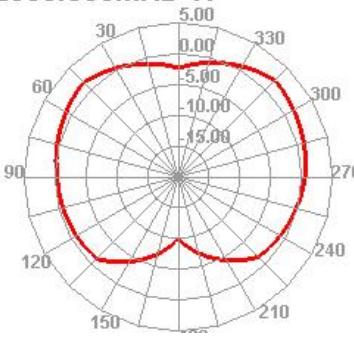
2450.000MHz E1



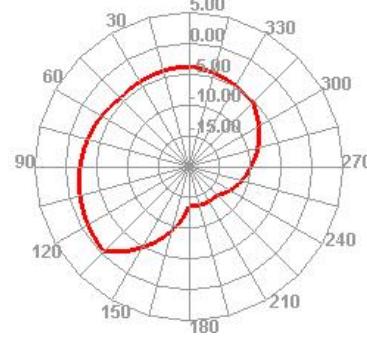
2450.000MHz E2



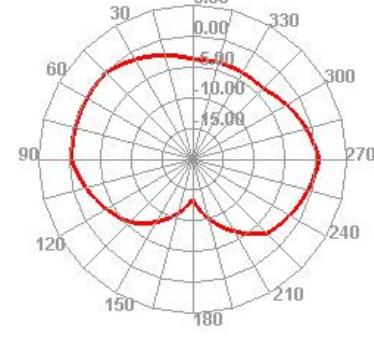
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



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