

# 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=± A N G L E S = ±      H O L E D I A = ±		 PENG BAN XING      PengBanXingYe ShenZhen Technology Co. , Ltd	
SCALE: N/A	UNIT: mm	THESE 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		
TITLE: CHIP2450-1608 Specification		DOCUMENT NO.	SPEC REV.
		2012	P1

## PBX2012MA06 Specification

Operating Temp. : -40°C~+85°C

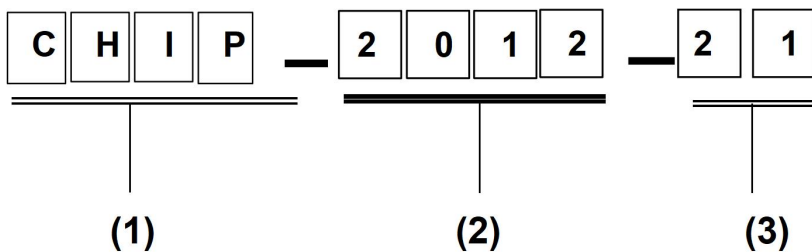
### 1. FEATURES:

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

### 2. APPLICATIONS:

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

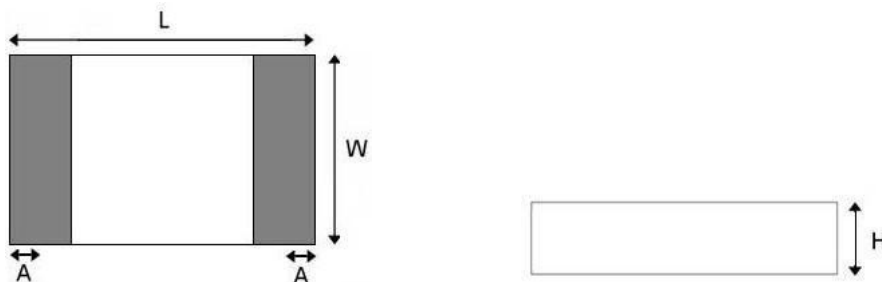
### 3. PRODUCT IDENTIFICATION



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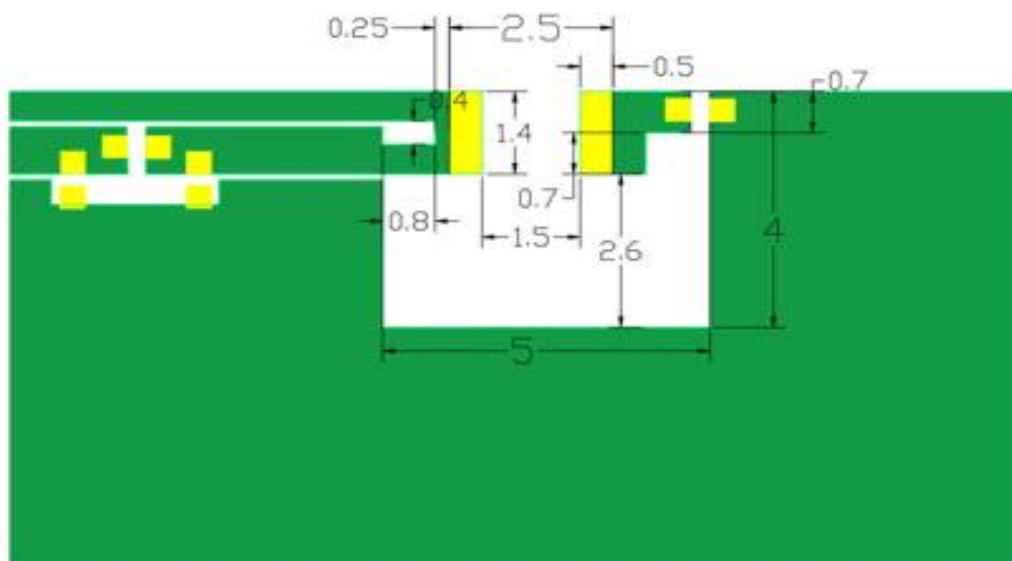
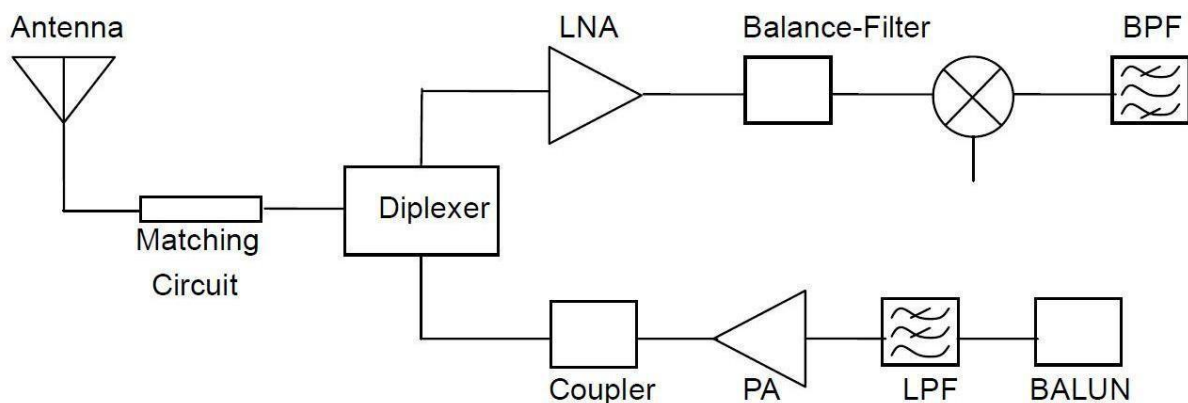
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**TERMINAL-CONFIGURATION****EVALUATION BOARD****APPLICATION GUIDE**

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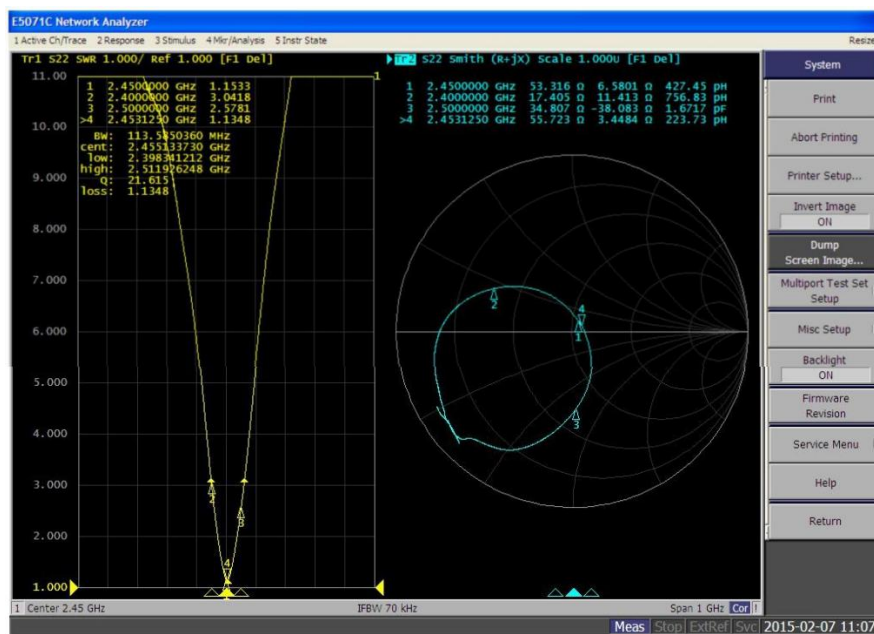
## 5. SPECIFICATIONS:

Test Item	Specifications
Bandwidth	2400-2500MHz
Polarization mode	Linear polarization
* Maximum gain	2.8dBi
* Efficiency	72.30%
Input Impedance	50 $\Omega$

\* 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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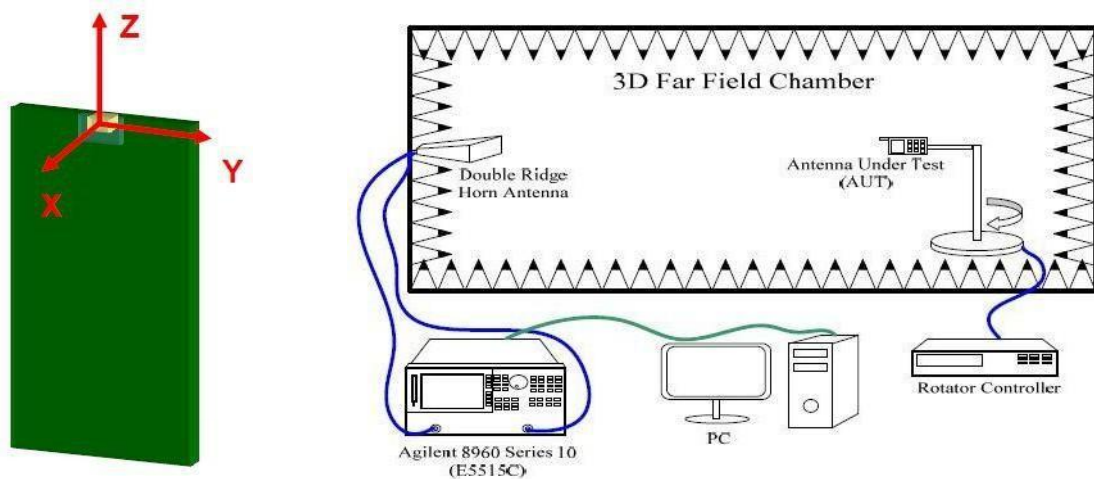
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2500MHz

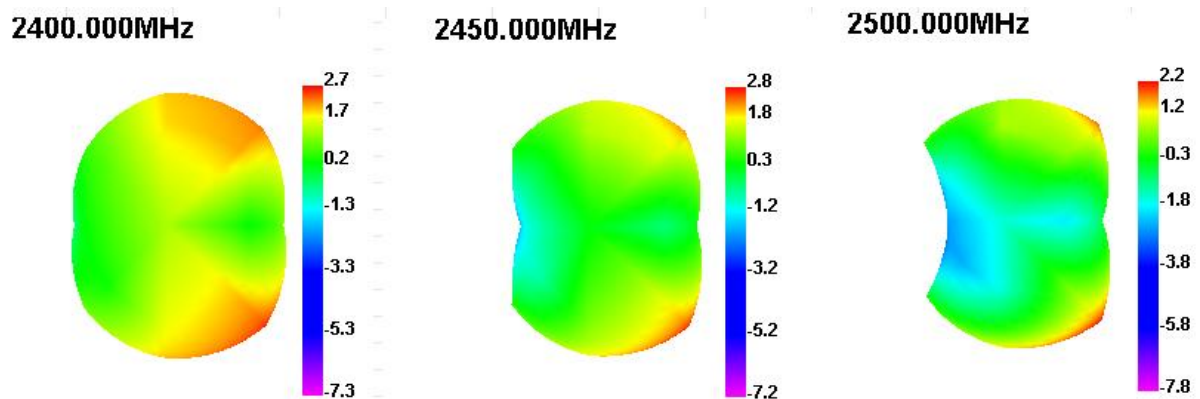
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### Radiation Pattern

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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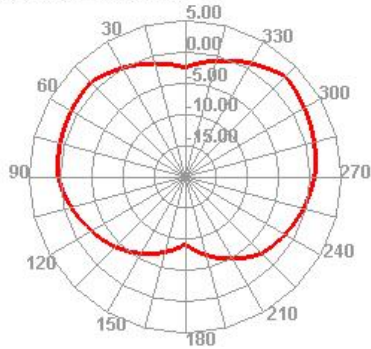
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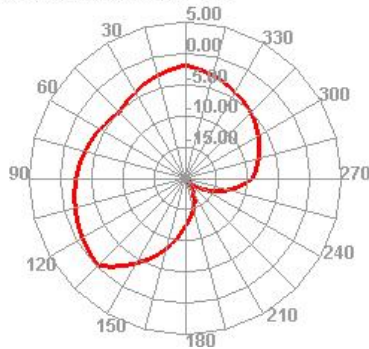
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## © 2D Gain Pattern (2400 MHz-2500MHz)

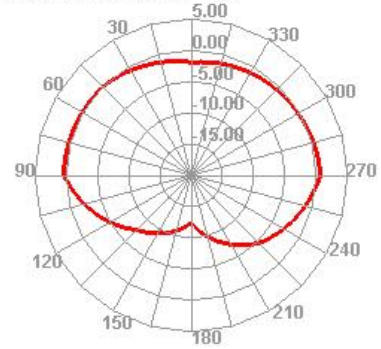
2400.000MHz H



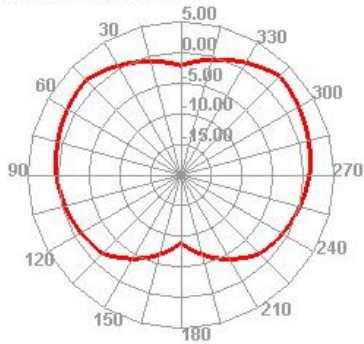
2400.000MHz E1



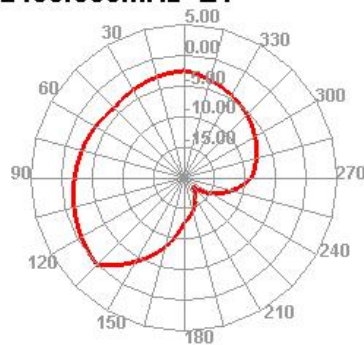
2400.000MHz E2



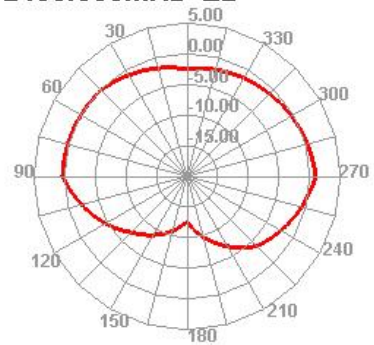
2450.000MHz H



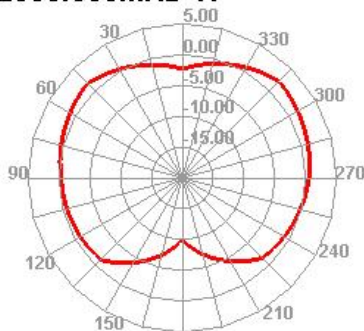
2450.000MHz E1



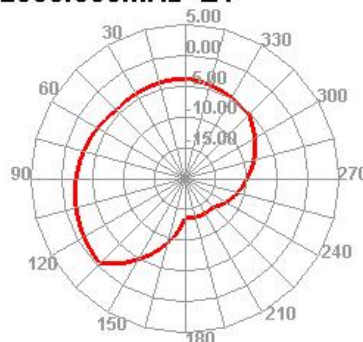
2450.000MHz E2



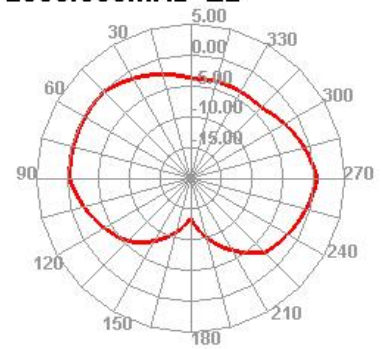
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



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