

产品规格承认书

SPECIFICATIONS

客户:

CUSTOMER: _____

产品名称:

DESCRIPTION: _____ 双极天线 _____

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

核准	王海	审核	刘飞	制作	刘小美
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客户确认签章(APPROVED SIGNATURE)

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PBX2012MA04 Specification

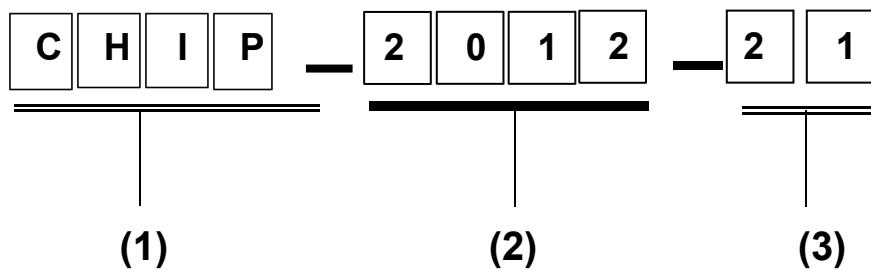
Operating Temp. : -40°C~+85°C

1. FEATURES:

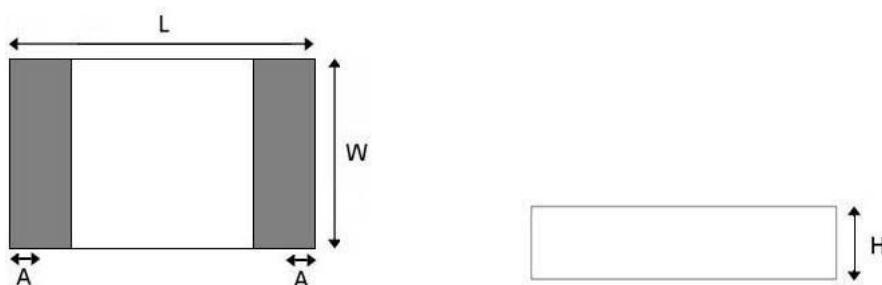
- Light weight, compact
- Wide bandwidth, low cost
- Built-in antenna with high gain

2. APPLICATIONS:

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

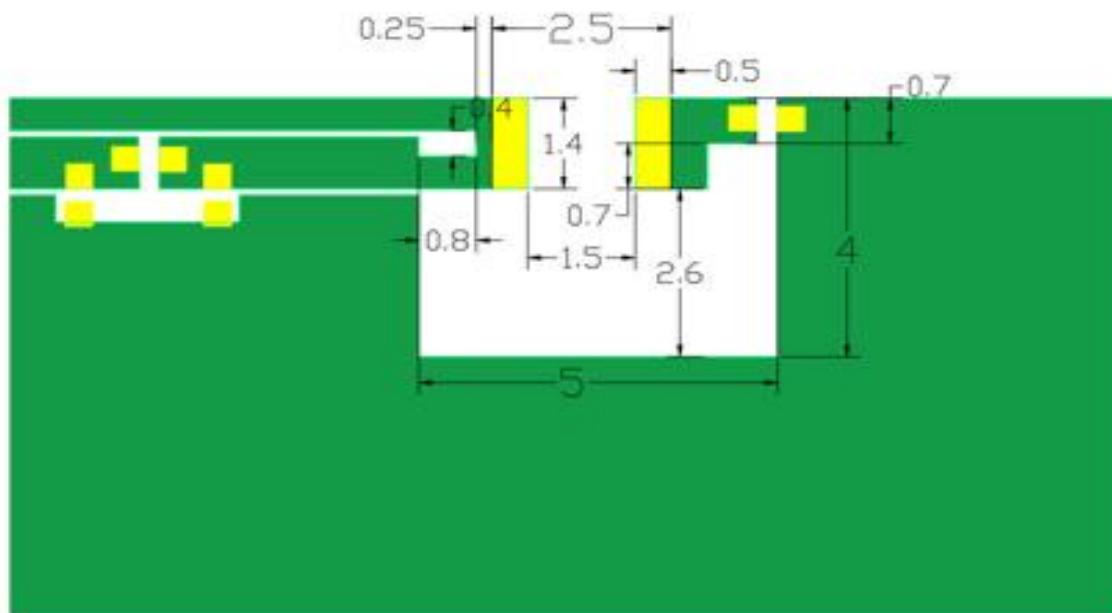
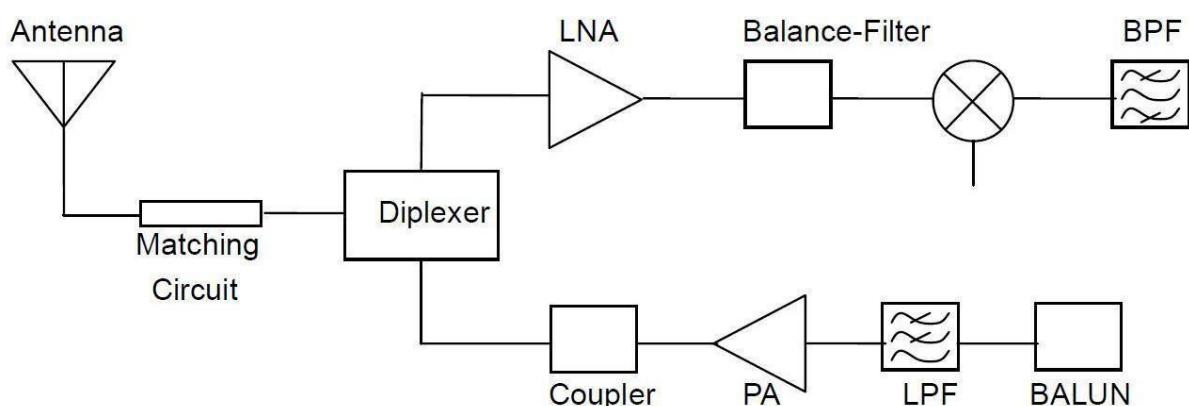
3. PRODUCT IDENTIFICATION

(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 =±		 深圳市朋伴兴业科技有限公司
SCALE: N/A		UNIT: mm
DRAWN BY : Sera		CHECKED BY: XD
DESIGNED BY: Sera		APPROVED BY: XD
TITLE: CHIP2450-21 Specification		DOCUMENT NO. 2012
		SPEC REV. P1

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

UNLESS OTHER SPECIFIED TOLERANCES ON:
 $X = \pm$ $X.X = \pm$ $X.XX = \pm$
 $\text{ANGLES} = \pm$ $\text{HOLE DIA} = \pm$



深圳市朋伴兴业科技有限公司

SCALE: N/A UNIT: mm
 DRAWN BY : Sera CHECKED BY: XD
 DESIGNED BY: Sera APPROVED BY: XD

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DOCUMENT NO.

2012

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P1

5. SPECIFICATIONS:

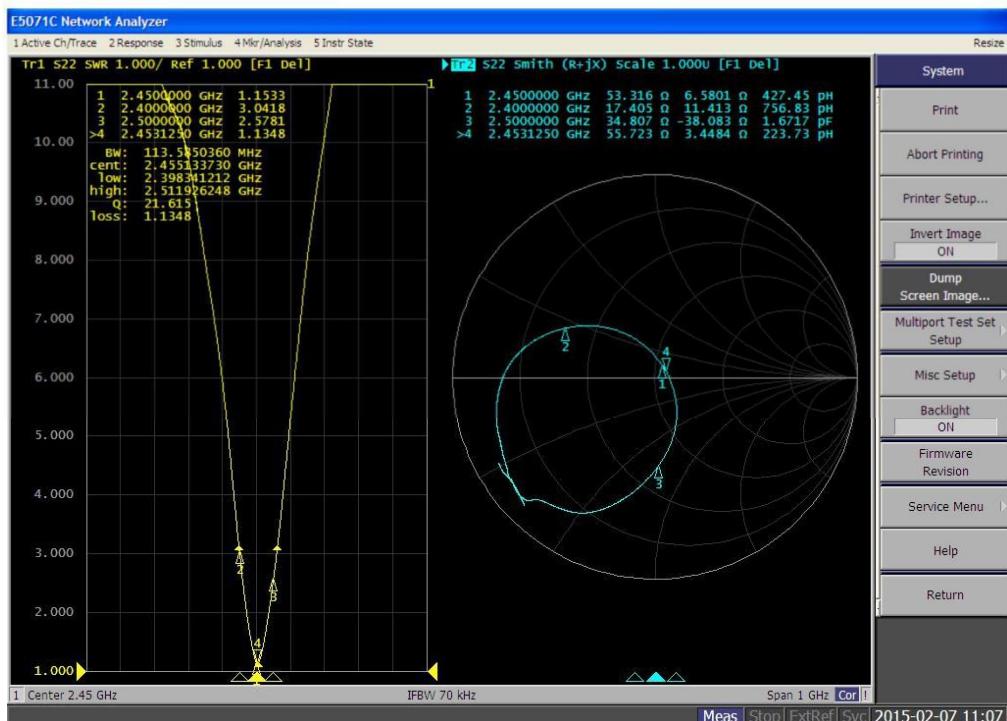
ITEM	SPECIFICATION
Frequency Band	2400MHz~2483MHz
VSWR	Less than 3
Polarization	Linear
*Peak Gain	2.48 dBi Typ.
*Peak Efficiency	72.6% Typ.
Impedance	50Ω Typ.

* 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

UNLESS OTHER SPECIFIED TOLERANCES ON:

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ANGLES = \pm **HOLE DIA** = \pm



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SCALE: N/A

UNIT: mm

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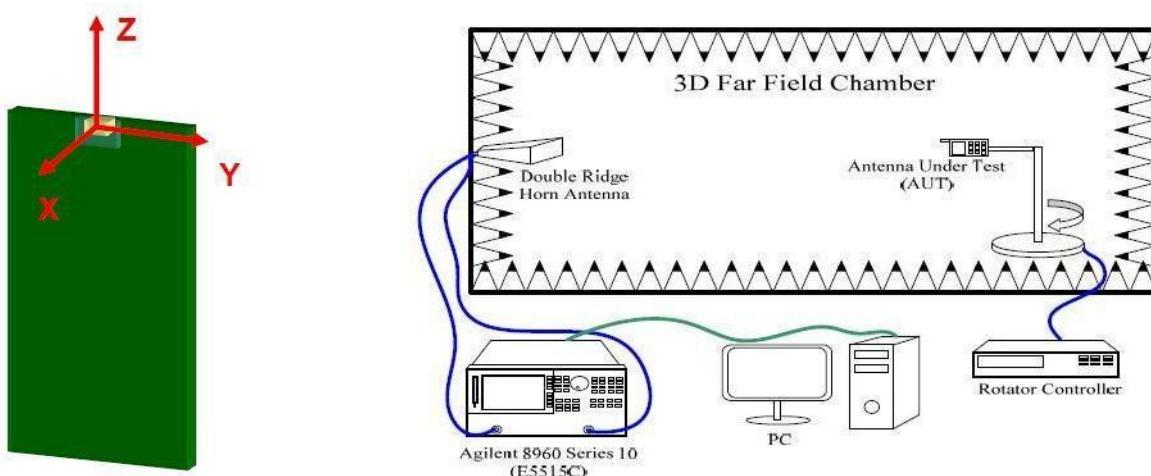
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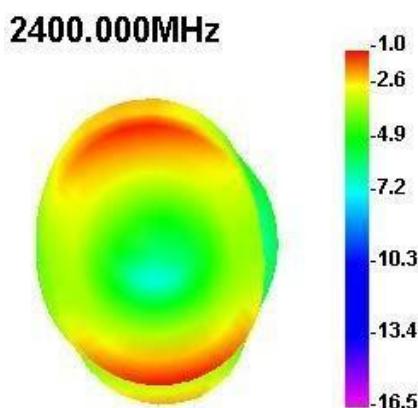
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Radiation Pattern

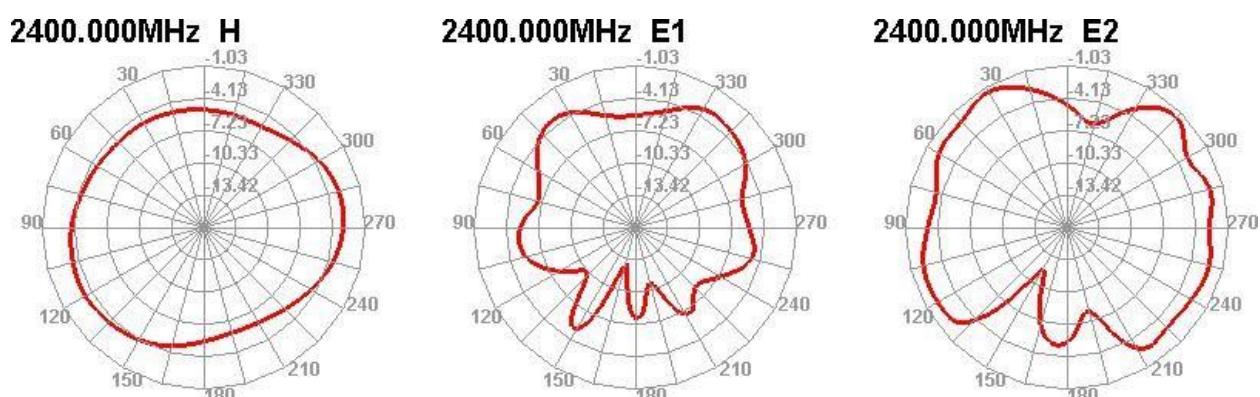
The Gain pattern is measured in INPAQ's FAR-field chamber. DUT is placed on the table of rotator, a standard horn antenna and Vector Network Analyzer is used to collect data.



◎ 3D Gain Pattern (2400 MHz)



◎ 2D Gain Pattern (2400 MHz)



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ANGLES $= \pm$ **HOLE DIA** $= \pm$

SCALE: N/A **UNIT:** mm

DRAWN BY: Sera **CHECKED BY:** XD

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