产品规格承认书

SPECIFICATIONS

客户:

CUSTOMER: _____

产品名称/类型:

DESCRIPTION/TYPE: 双极天线 dipole antenna

客户型号:

CUSTOMER PART NO:_____

产品型号:

OUR MODEL NO:_____PBX2012MA08_____

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

客户确认签章(APPROVED SIGNATURE)			

Manufacturer:Shenzhen Pengban Xingye Technology Co., Ltd.
Address;Room 605, Building 4, 1970 Science and Technology Park, Minzhi Community, Minzhi Sub-district, Longhua District, Shenzhen,China

PBX2012MA08 Specification

Operating Temp. : -40℃~+85℃

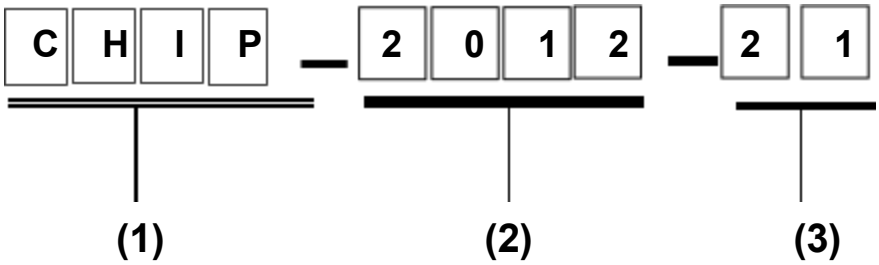
1. FEATURES:

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

2. APPLICATIONS:

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

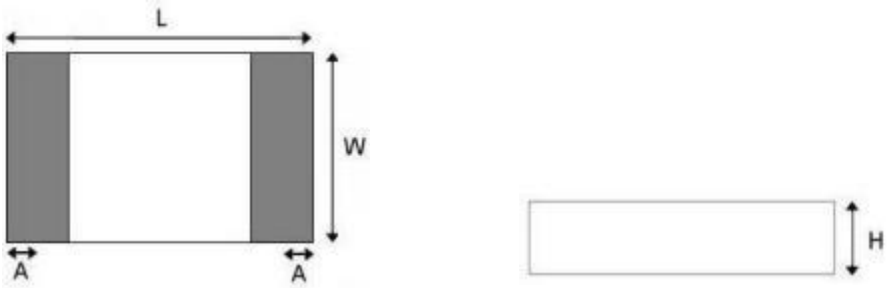
3. PRODUCT IDENTIFICATION



(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 =±

Shenzhen Pengban Xingye Technology Co., Ltd.

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

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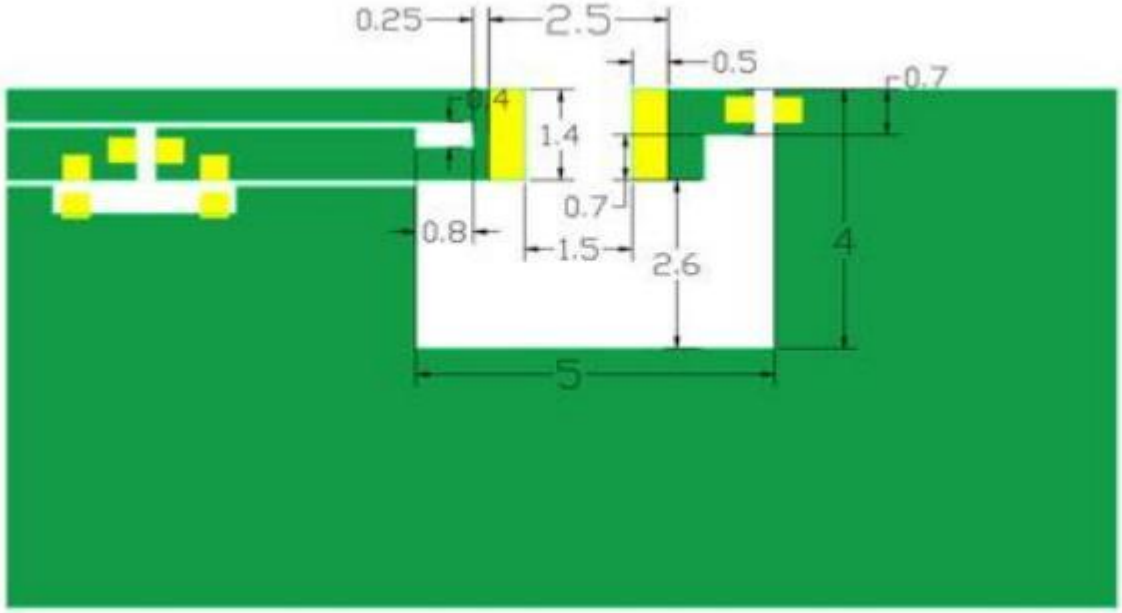
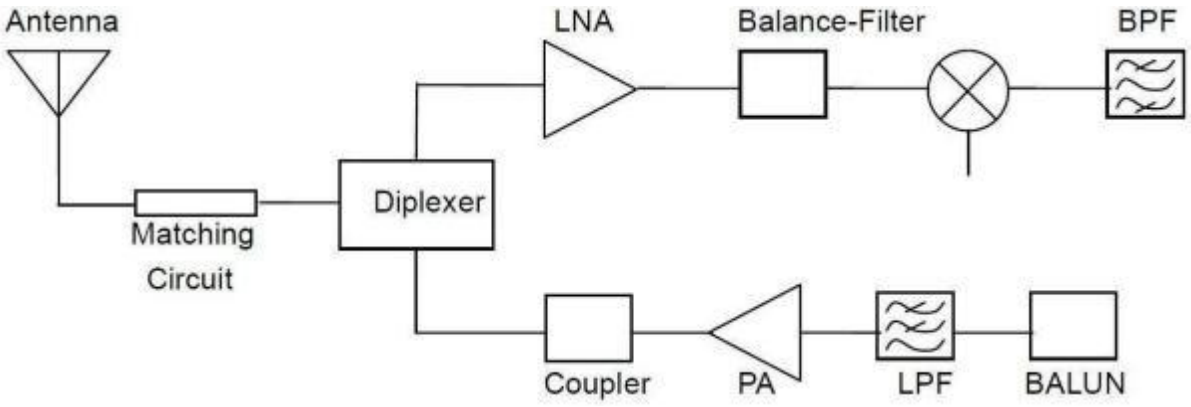
TITLE: CHIP2450-21 Specification	DOCUMENT NO.	2012	SPEC REV. P1

TERMINAL-CONFIGURATION

EVALUATION BOARD



APPLICATION GUIDE



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5. SPECIFICATIONS:

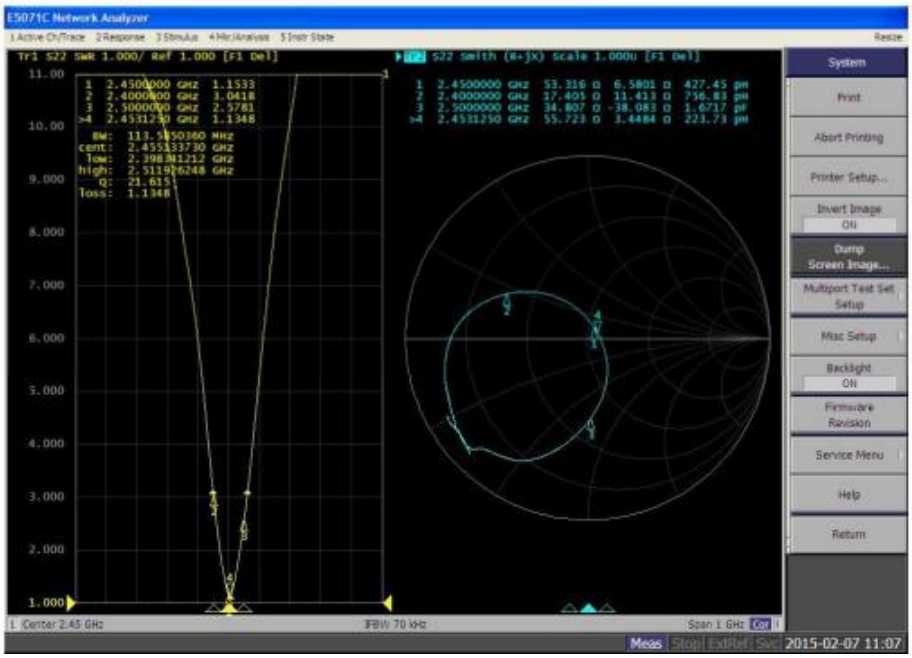
ITEM	SPECIFICATION
Frequency Band	2400MHz～2500MHz
VSWR	Less than 3
Polarization	Linear
*Peak Gain	2.7dBi Typ.
*Peak Efficiency	72.6% Typ.
Impedance	50Ω Typ.

* Test condition: Test board size 98*65 mm

Matching circuit: Pi matching circuit will be required

6. Electrical Characteristics :

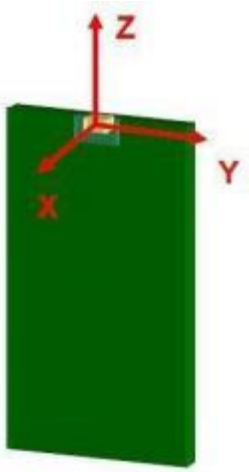
VSWR

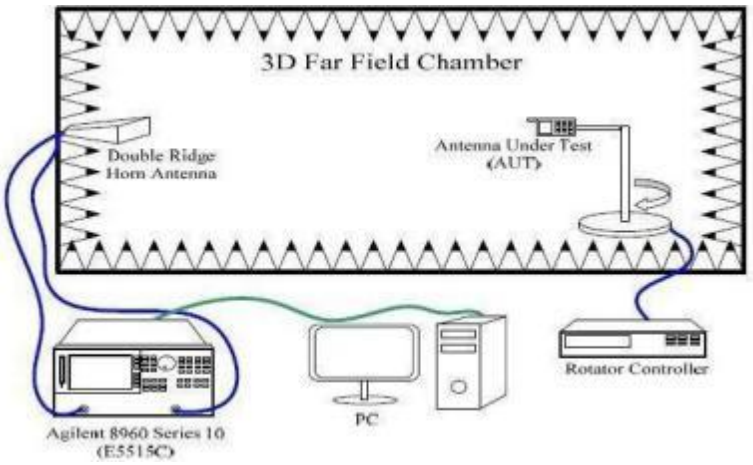


Mark	Frequency	VSWR	Gain(dBi)
1	2400 MHz	3.04	2.4
2	2450 MHz	1.15	2.7
3	2500 MHz	2.57	1.5

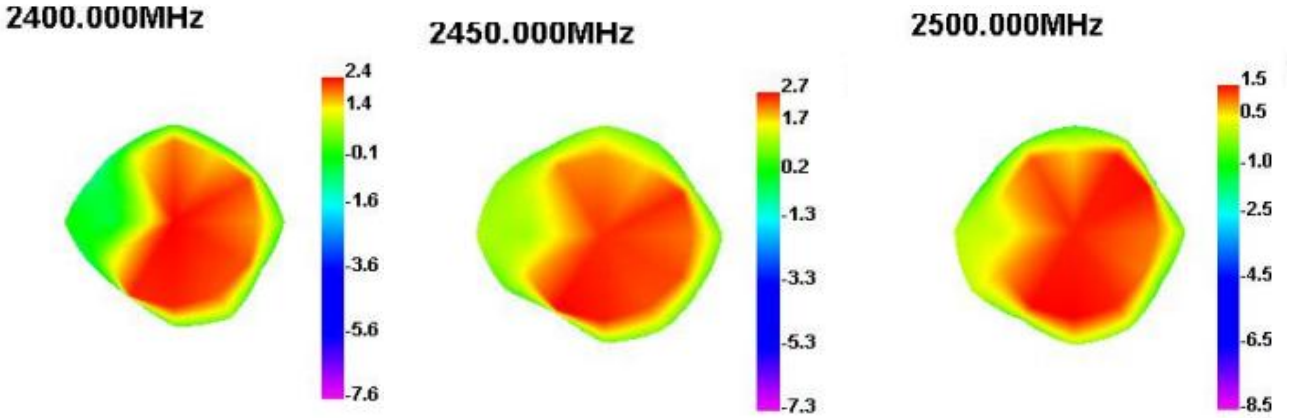
Radiation Pattern

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.

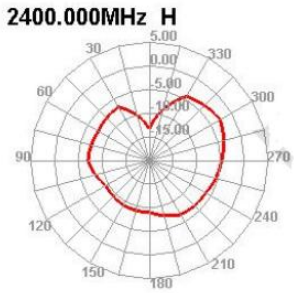


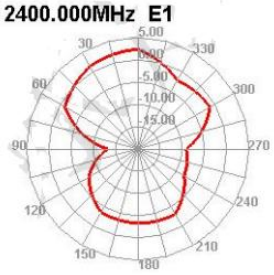


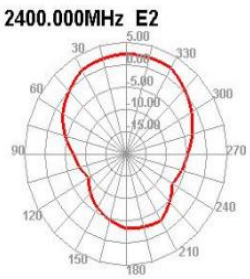
◎ 3D Gain Pattern

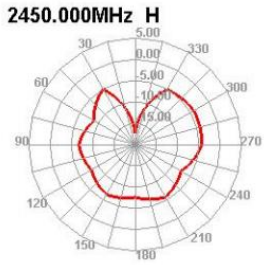


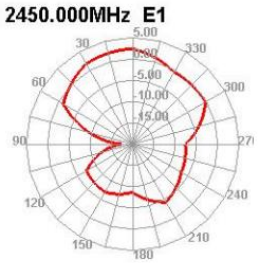
◎ 2D Gain Pattern

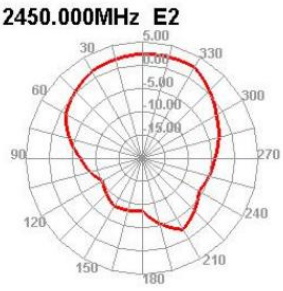


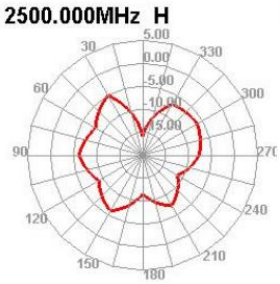


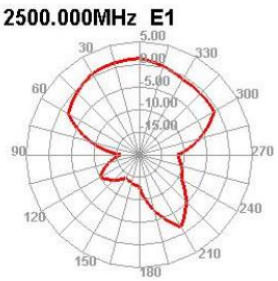


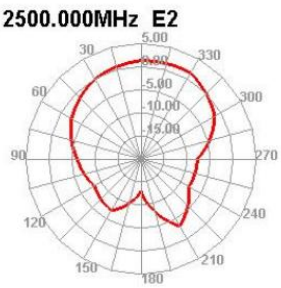












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