

产品规格承认书

SPECIFICATIONS

客户:

CUSTOMER: _____

产品名称:

DESCRIPTION: _____ 蓝牙天线 _____

客户型号:

CUSTOMER PART No: _____

产品型号:

OUR MODEL NO: _____ PBX2012MA02 _____

日期:

DATE: _____ 2020/12/22 _____

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)			

PBX2012MA02 Specification

Operating Temp. : -40°C~+85°C

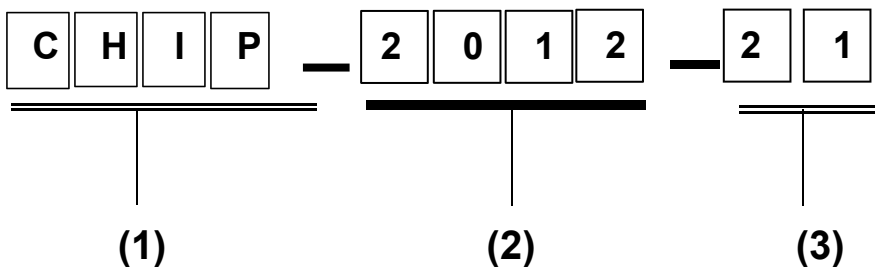
1. FEATURES:

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

2. APPLICATIONS:

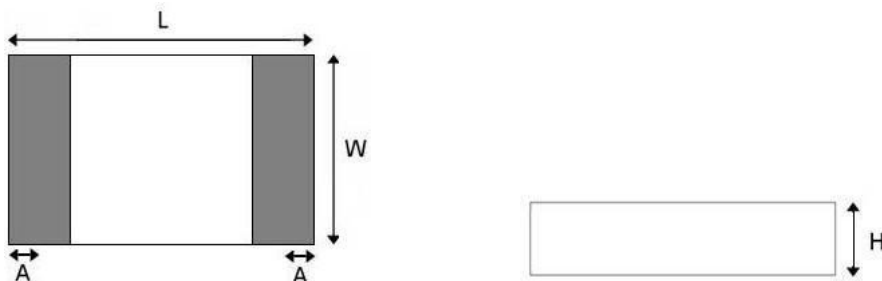
- Bluetooth, Wireless LAN, Mobile TV
- Home RF System, etc

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

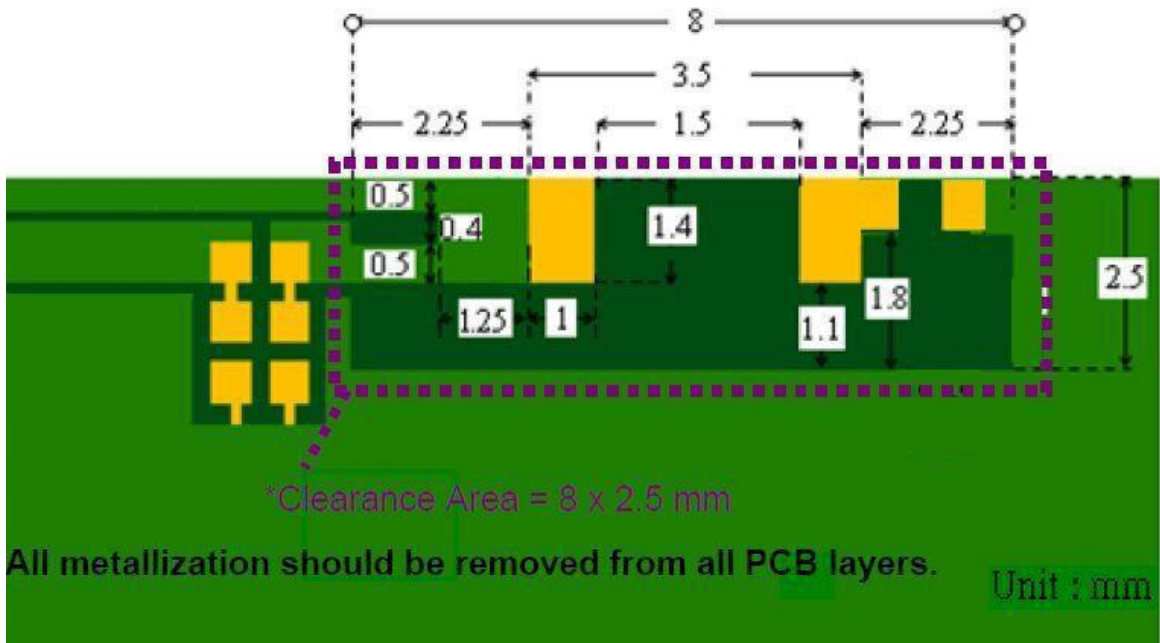
L	W	H	A
2.0±0.2	1.2±0.2	0.55±0.1	0.4±0.1

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DESIGNED BY: Sera	APPROVED BY: XD			
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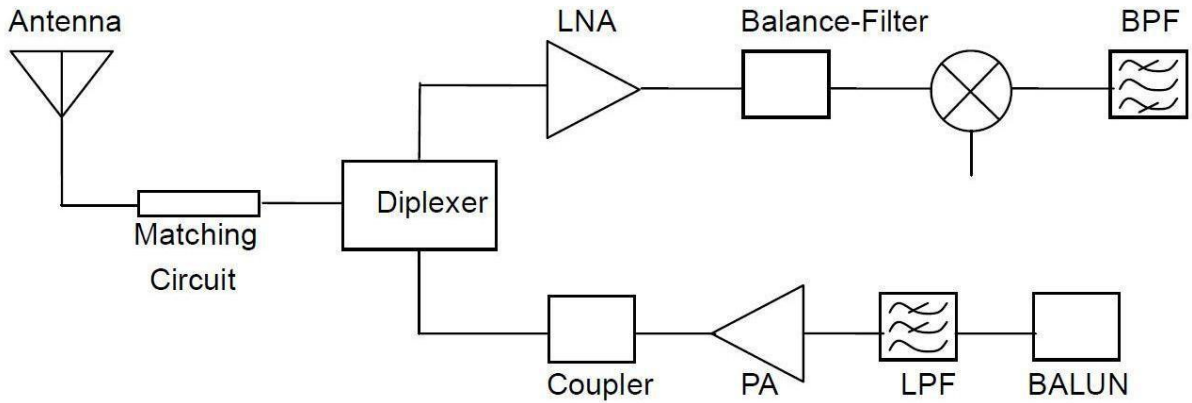
TERMINAL-CONFIGURATION




EVALUATION BOARD



APPLICATION GUIDE



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5. SPECIFICATIONS:

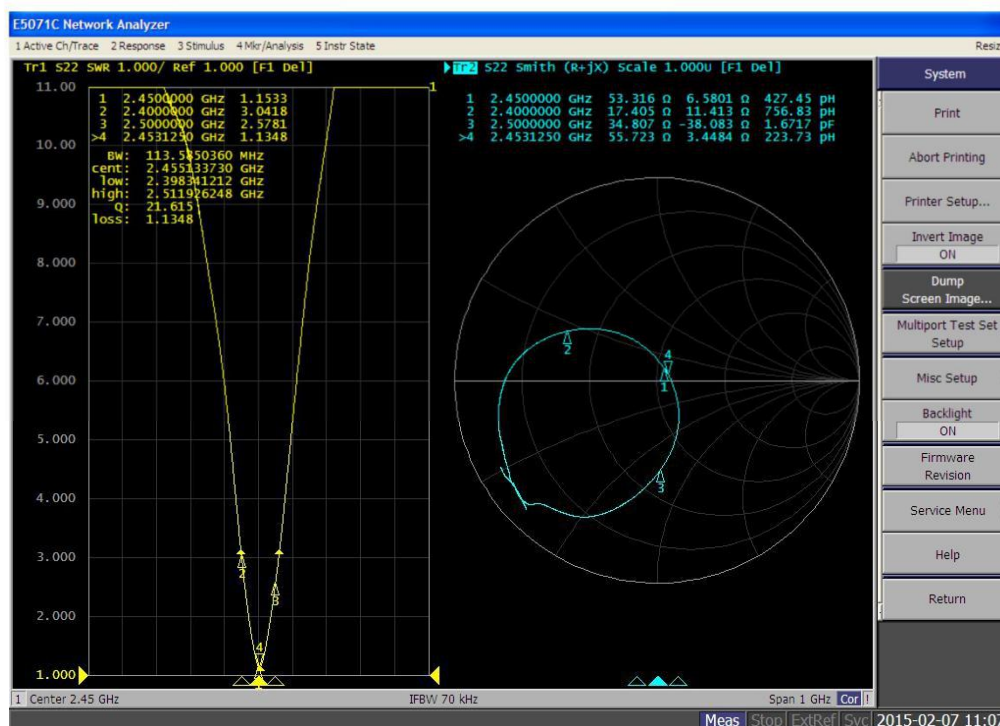
ITEM	SPECIFICATION
Frequency Band	2400MHz~2483MHz
VSWR	Less than 3
Polarization	Linear
*Peak Gain	2.48 dBi Typ.
*Peak Efficiency	72.6% Typ.
Impedance	50 Ω Typ.

* Test condition: Test board size 98*65 mm


Matching circuit: Pi matching circuit will be required

6. Electrical Characteristics :

VSWR

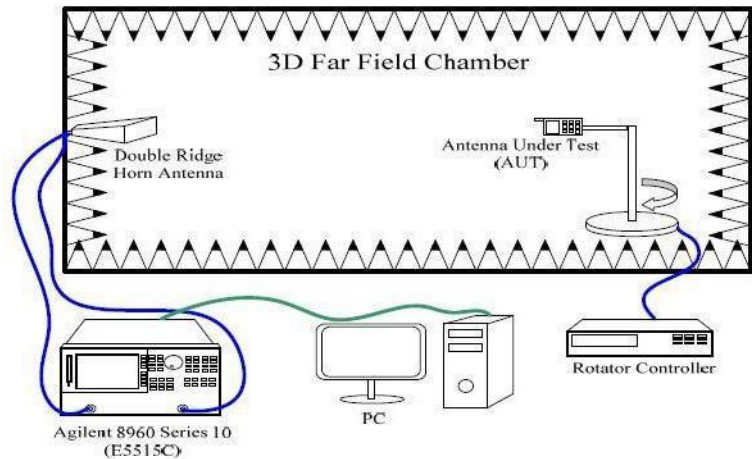
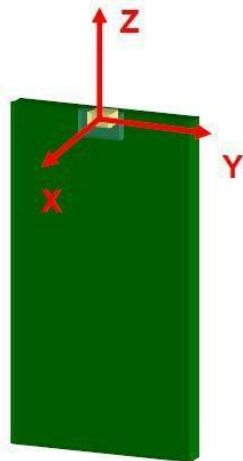


Mark	Frequency	VSWR
1	2400 MHz	3.04
2	2450 MHz	1.15
3	2500 MHz	2.57

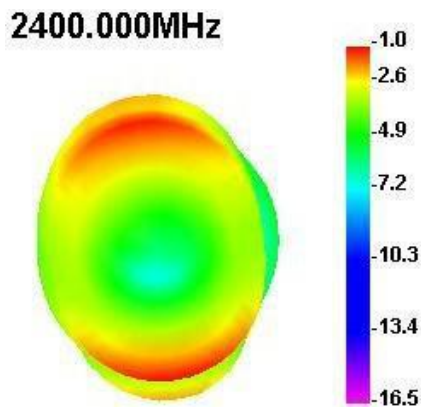
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Radiation Pattern

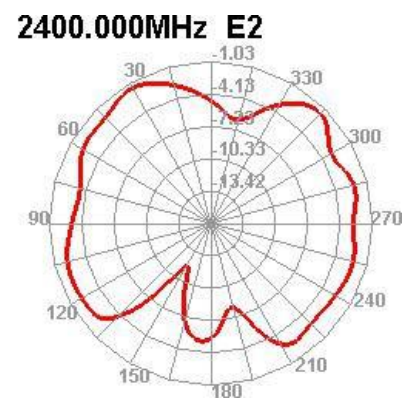
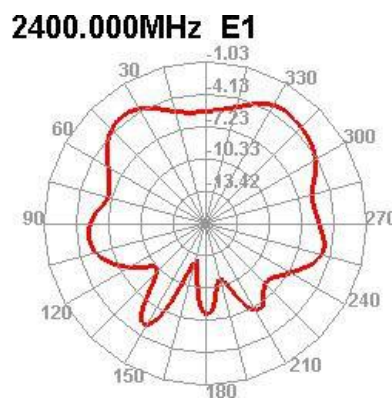
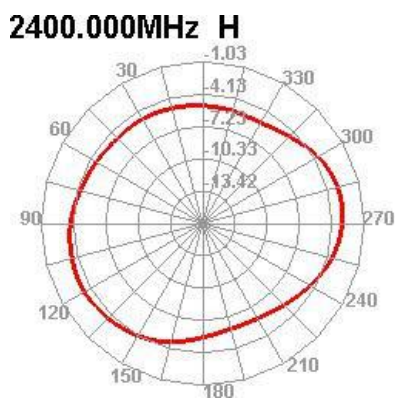
The Gain pattern is measured in INPAQ's FAR-field chamber. DUT is placed on the table of rotator, a standard horn antenna and Vector Network Analyzer is used to collect data.




◎ 3D Gain Pattern (2400 MHz)



◎ 2D Gain Pattern (2400 MHz)



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