

产品规格承认书

SPECIFICATIONS

客户:

CUSTOMER: _____

产品名称:

DESCRIPTION: ceramic antenna

制造商:

Shenzhen Pengbian Industrial Technology Co., LTD
Room 605, Building 4, 1970 Science Park, Minzhi Community,
Minzhi Street, Longhua District, Shenzhen

MANUFACTURE:


产品型号:

OUR MODEL NO: **PBX1608MA02**

日期:

DATE: _____

PLEASE RETURN TO US ONE COPY OF "SPECIFICATION FOR APPROVAL"
WITH YOUR APPROVED SIGNATURES

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DESIGNED BY: Sera	APPROVED BY: XD	
TITLE: CHIP2450-1608 Specification	DOCUMENT NO.	1608
		SPEC REV. P1

PBX1608MA02 Specification

Operating Temp. : -40°C~+85°C

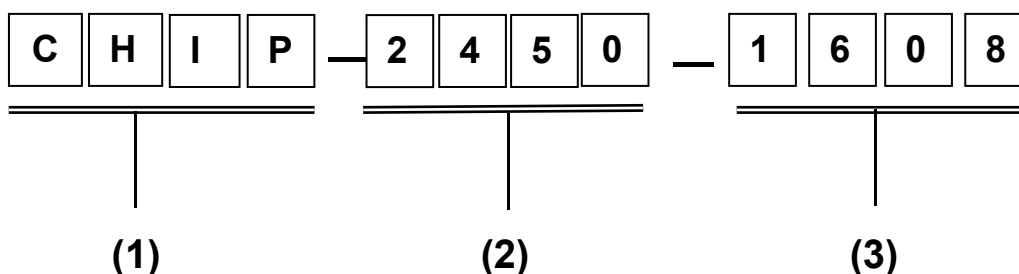
1. FEATURES:

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

2. APPLICATIONS:

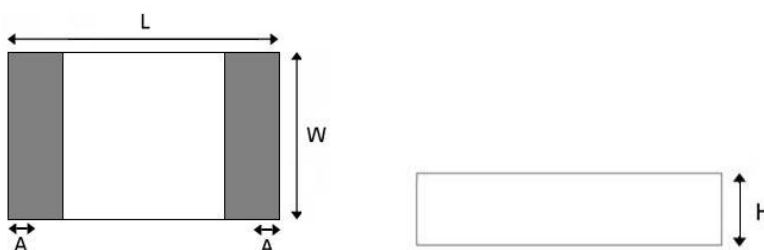
- Bluetooth, Wireless LAN, Mobile TV
- Home RF System, etc

3. PRODUCT IDENTIFICATION



- (1) Product type: Multilayer chip Antenna
 (2) Center Frequency: 2450MHz
 (3) External Dimensions (L×W) (mm): 1.6*0.8

4. SHAPE AND DIMENSIONS:



L	W	H	A
1.6±0.2	0.8±0.2	0.8±0.2	0.3±0.1

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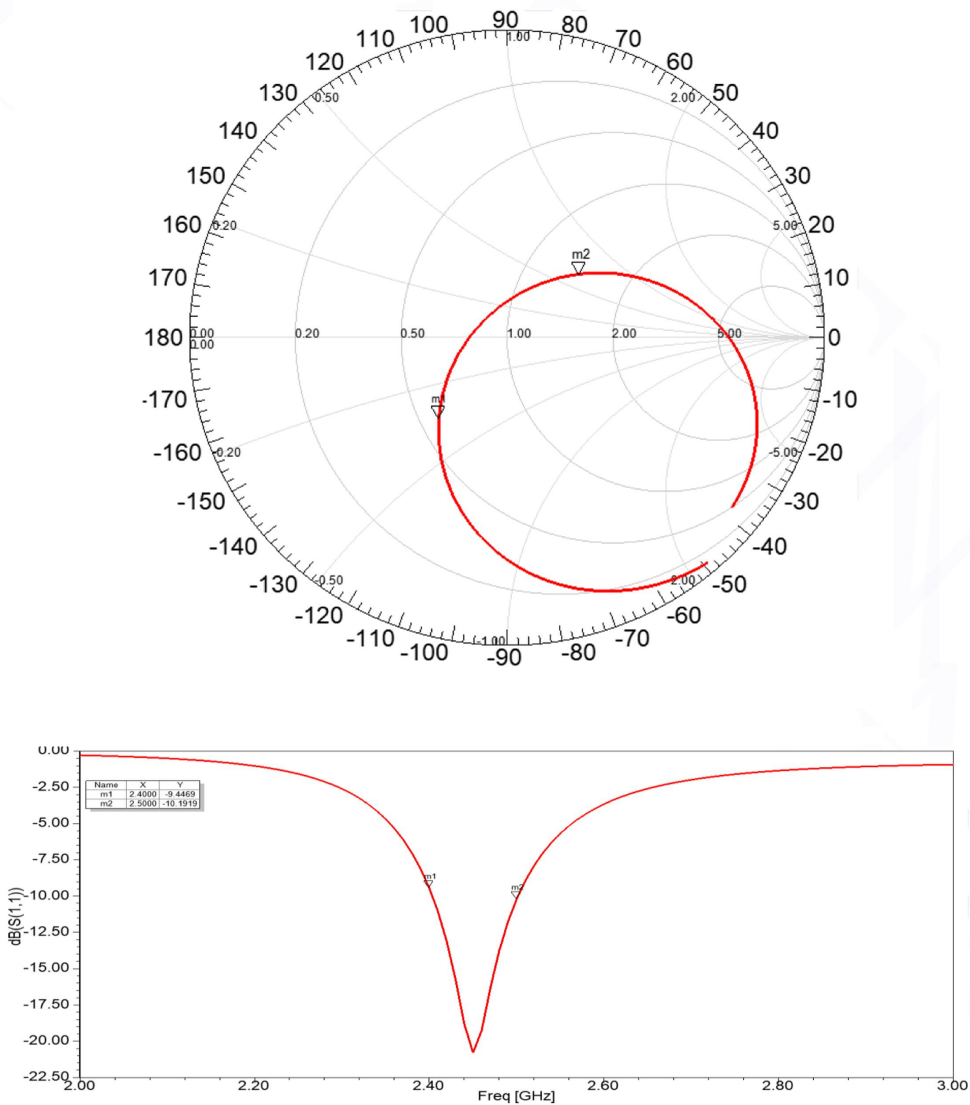
SPEC REV.

P1

Electrical Characteristics

	Feature	Specification
1	Central frequency	2.45GHz
2	Bandwidth	>150MHz
3	Peak gain	2.78 dBi
4	VSWR	<2
5	Polarization	Linear
6	Azimuth beamwidth	Omnidirectional
7	Impedance	50 Ω

Characteristic Curves



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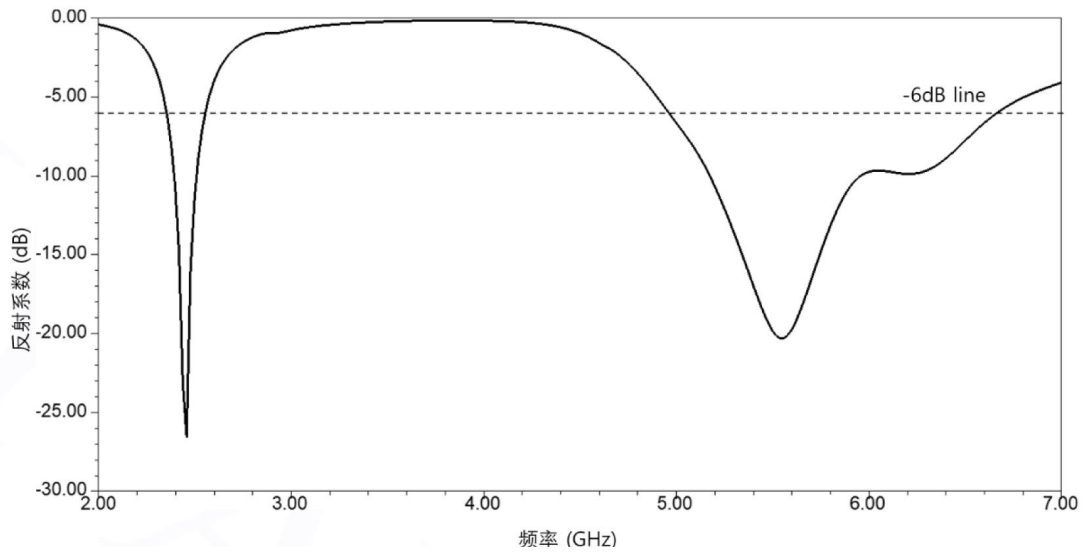
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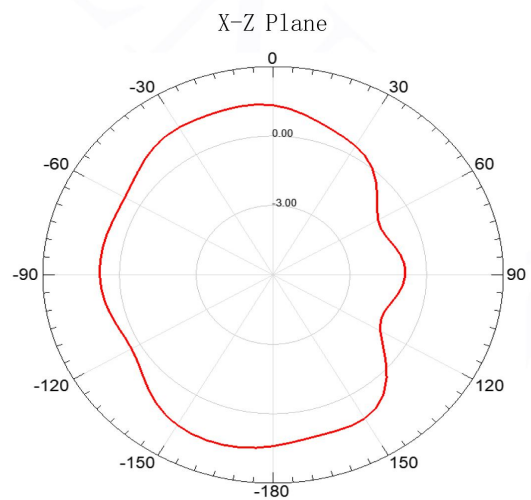
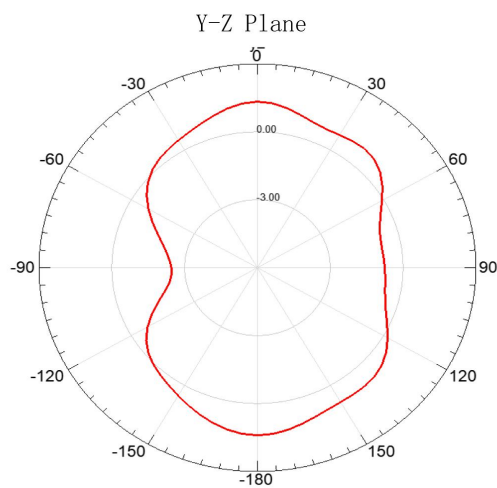
1608


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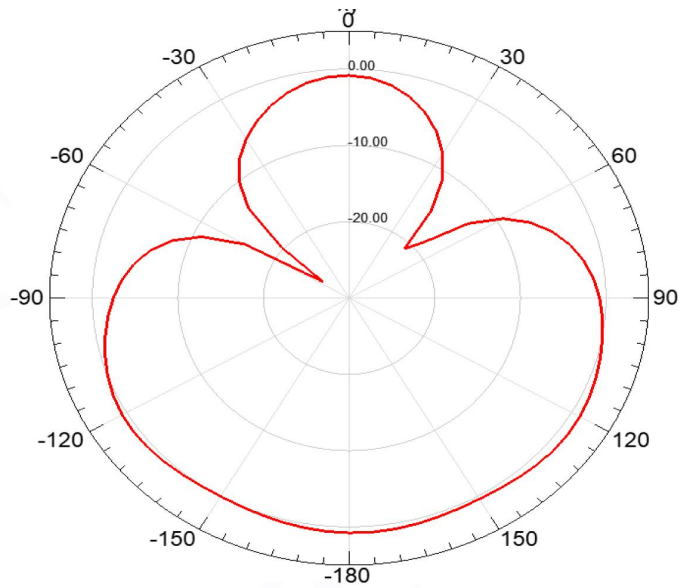
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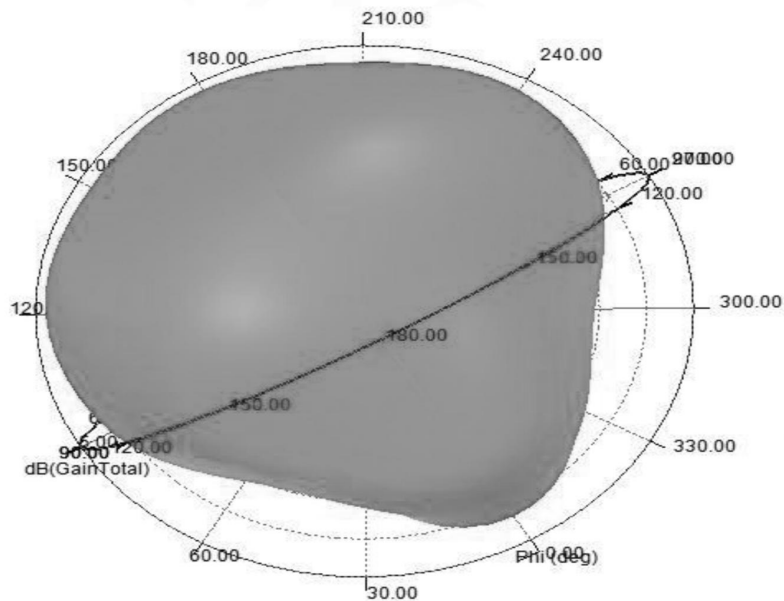
Radiation Pattern




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3D Radiation Pattern



Frequency	2400MHz	2450MHz	2500MHz
Avg. gain	-1.92	-1.35	-1.56
Peak gain	1.79	2.78	2.66
Efficiency	74.55	80.25	76.98

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