

Antenna specification

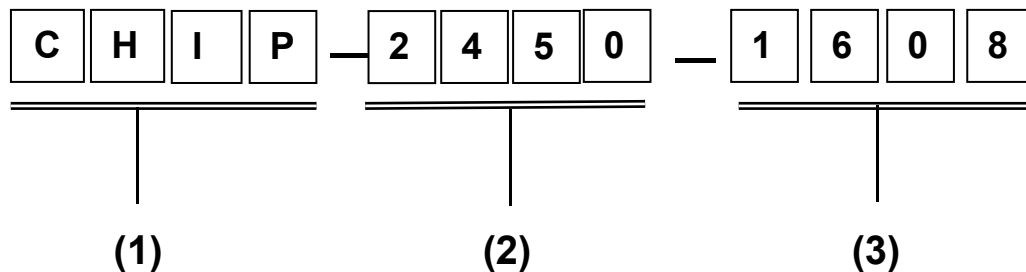
1. FEATURES:

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

2. APPLICATIONS:

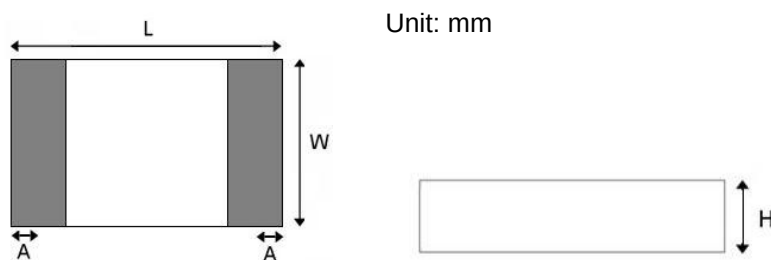
- Bluetooth, Wireless LAN, Mobile TV
- Home RF System, etc

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

Manufacturer:

Shenzhen Pengban Xingye Technology Co., LTD

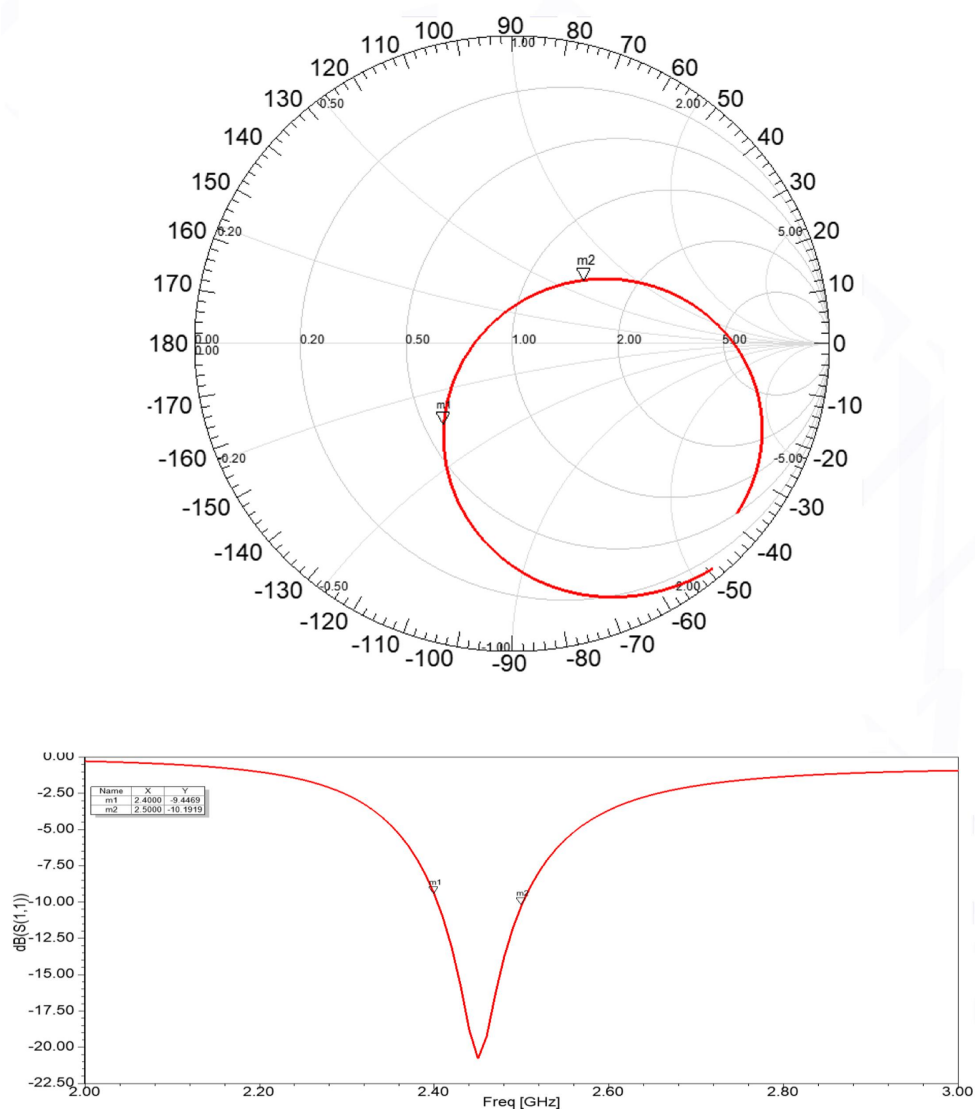
Add: No. 6051, Building 4, 1970 Science Park, Minzhi

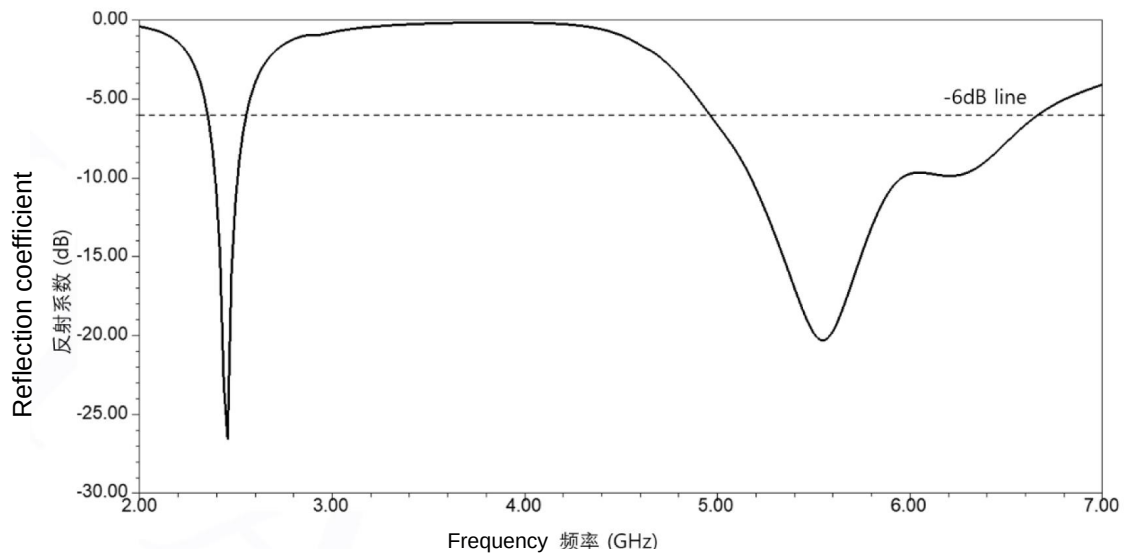
Subdistrict, Longhua District, Shenzhen City

Electrical Characteristics

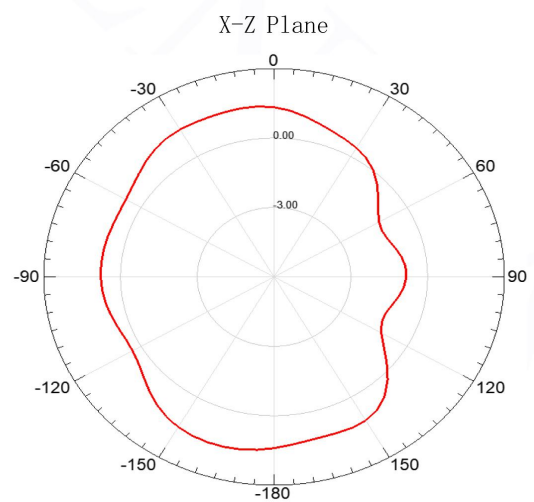
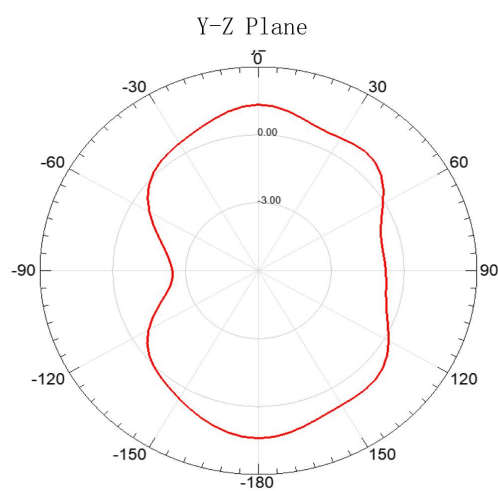
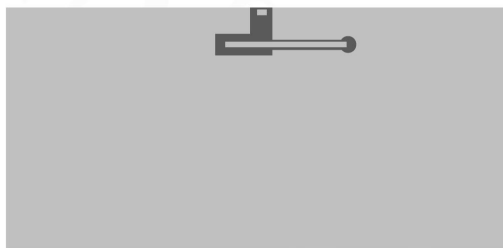
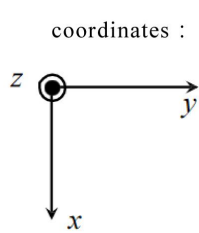
	Feature	Specification
1	Central frequency	2.45GHz
2	Bandwidth	>150MHz
3	Peak gain	2.78 dBi
4	VSWR	<2
5	Polarization	Linear
6	Azimuth beamwidth	Omnidirectional
7	Impedance	50 Ω

Characteristic Curves

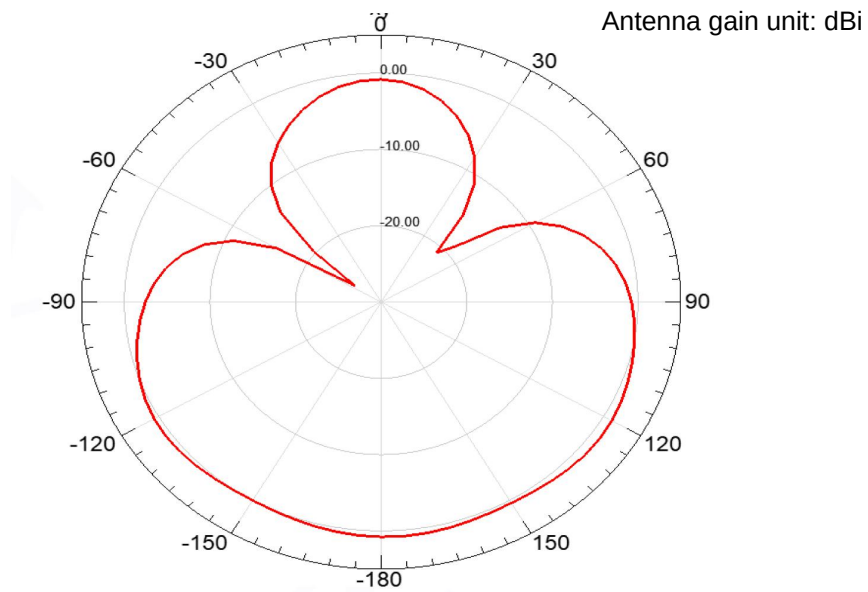




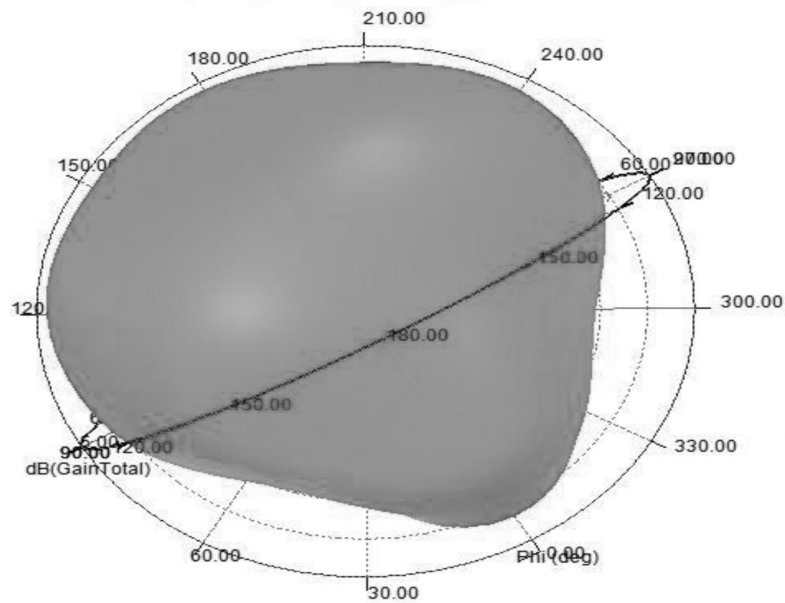
Radiation Pattern



Antenna gain unit: dBi



3D Radiation Pattern



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