

# Antenna Data Sheet

Model: PCB Antenna

frequency range : 2402-2480MHZ+/-2K

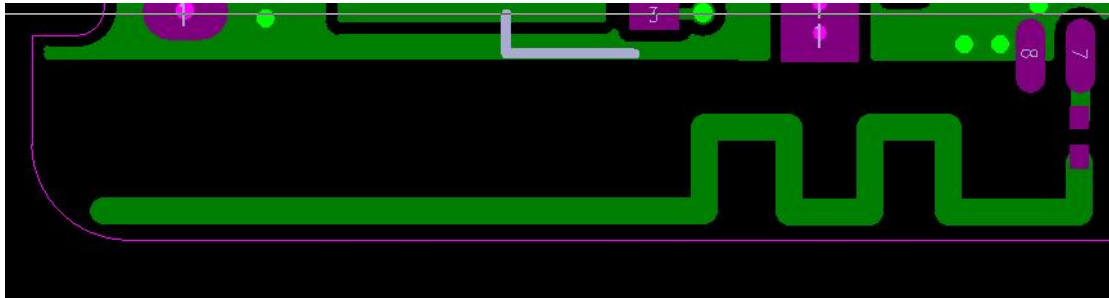
antenna gain: 2.5dBi

standing-wave ratio (SWR) :  $\leq 1.5$

Manufacturer:Shenzhen Hengxinlong Circuit Manufacturing Co., Ltd

Address:Building A, Central Building 4F, Haoxiang Road, Xinqiao Street, Bao'an District, Shenzhen City

Antenna shape



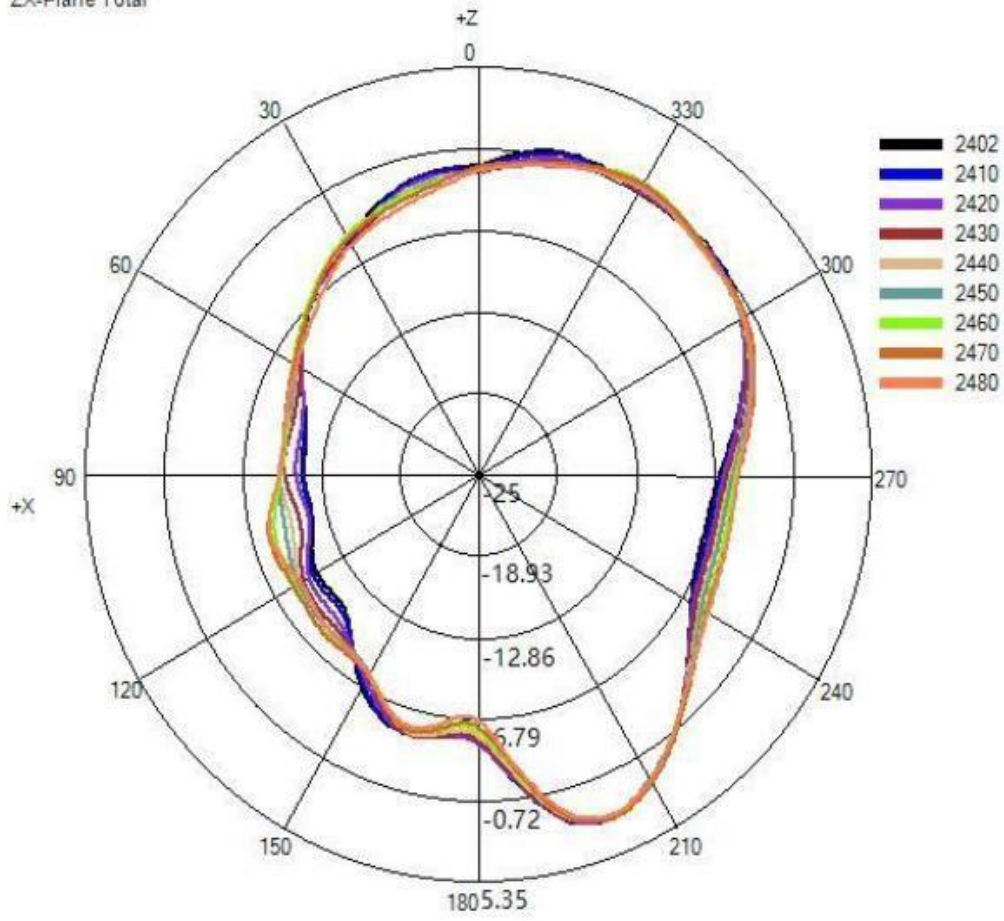
天线无源S 参数：  
驻波比（VSWR）、回波损耗（Return Loss）及史密斯圆图



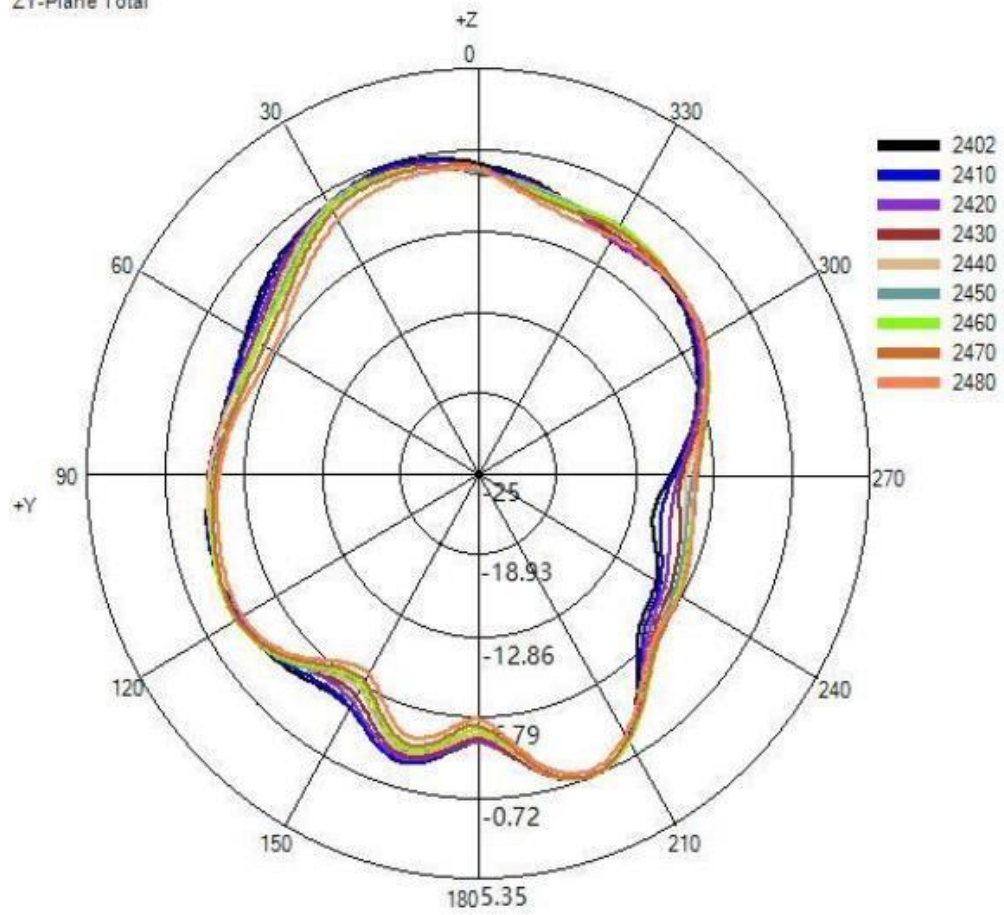
天线效率及增益

| Frequency (MHz) | Gain (dBi) | Efficiency (%) | Average Gain (dBi) | Efficiency (dB) |
|-----------------|------------|----------------|--------------------|-----------------|
| 2400            | 1.43       | 59.329%        | -2.717             | -2.267          |
| 2410            | 0.93       | 51.861%        | -3.416             | -2.852          |
| 2420            | 0.83       | 52.112%        | -3.166             | -2.831          |
| 2430            | 0.88       | 49.299%        | -3.258             | -3.072          |
| 2440            | 1.19       | 50.672%        | -3.144             | -2.952          |
| 2450            | 1.69       | 53.067%        | -2.735             | -2.752          |
| 2460            | 2.19       | 59.423%        | -2.276             | -2.260          |
| 2470            | 2.12       | 56.680%        | -2.438             | -2.466          |
| 2480            | 2.50       | 61.727%        | -2.112             | -2.095          |
| Peak            | 2.50       | 61.727%        | -2.112             | -2.095          |

ZX-Plane Total



ZY-Plane Total



XY-Plane Total

