

# Antenna Specification

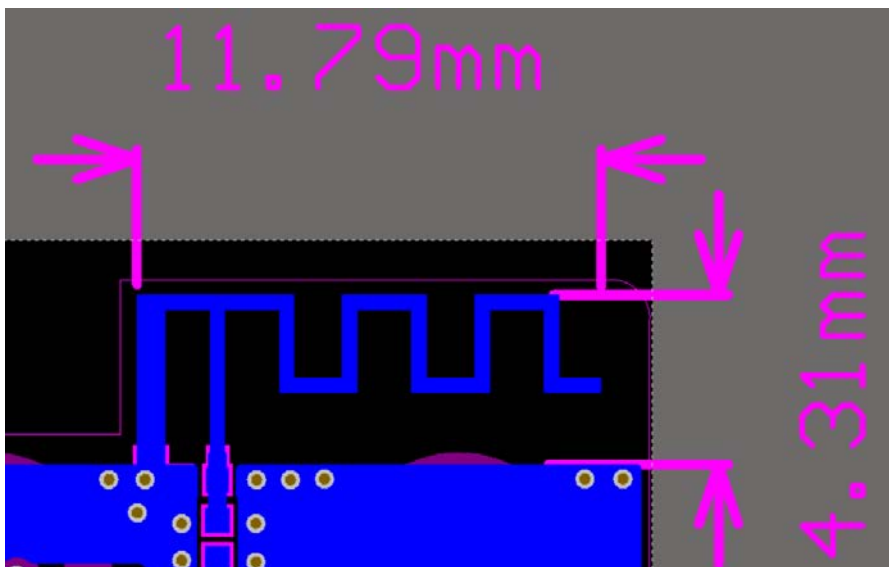
## Specifications

### Summary

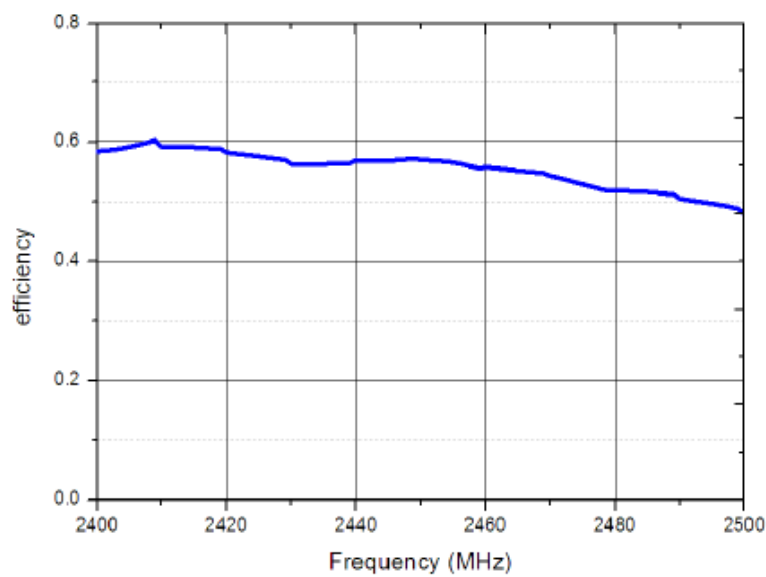
| ITEM                 | SPEC.                            |                             |
|----------------------|----------------------------------|-----------------------------|
| Model Name           | CH2.4 GHz                        |                             |
| Center Frequency     | 2402 MHz<br>2440 MHz<br>2480 MHz | 1.3 dBi<br>1.2 dBi<br>1 dBi |
| MAX. GAIN            | 1.3dBi                           |                             |
| Polarization         | Horizontal                       |                             |
| Azimuth Beam Pattern | Omni-directional                 |                             |
| Impedance            | 50 $\Omega$                      |                             |
| Antenna Length       | 11.79 mm                         |                             |

|              |                |
|--------------|----------------|
| BRAND        | XIHAO          |
| ANTENNA TYPE | PCB            |
| Model        | XH-003 Antenna |
| Connect type | Soldering      |

### Antenna Photo & Length



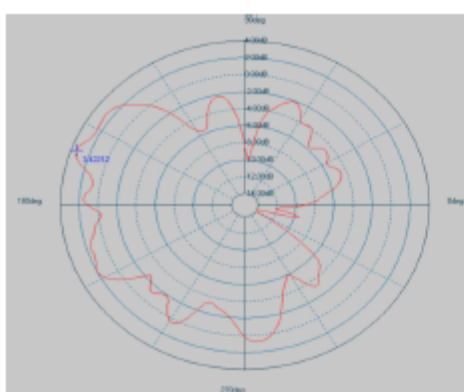
效率-频率    **Efficiency-Frequency**



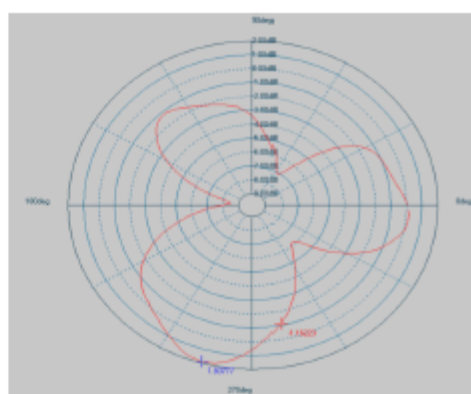
| Frequency | Efficiency |
|-----------|------------|
| 2450 MHz  | 0.57       |
| 2407 MHz  | 0.6        |

## 辐射方向图 Radiation patterns

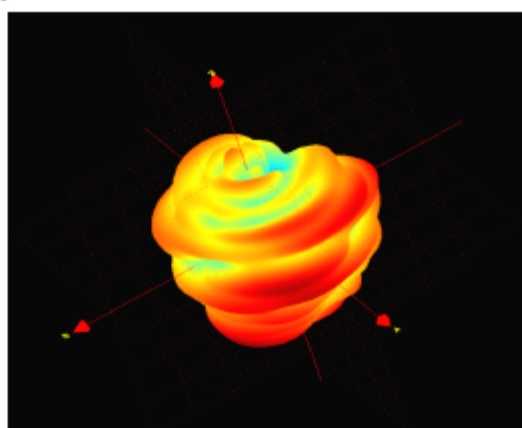
Frequency=2450 MHz



A



B



C

- A.  $\Phi=0^\circ$
- B.  $\Theta=90^\circ$  -3dB beamwidth 67.29deg
- C. 3D Graph

图 7 2450 MHz 时天线辐射方向图