

Antenna Specification

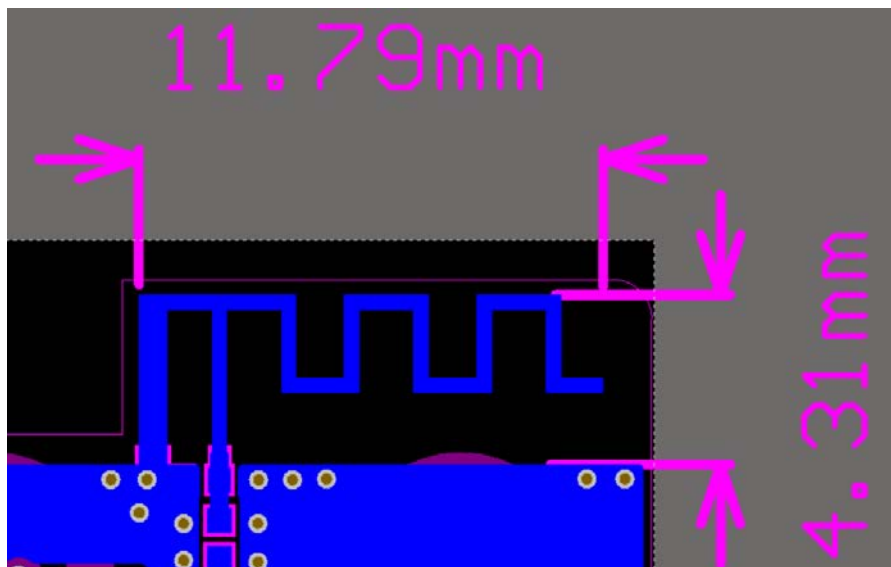
Specifications

Summary

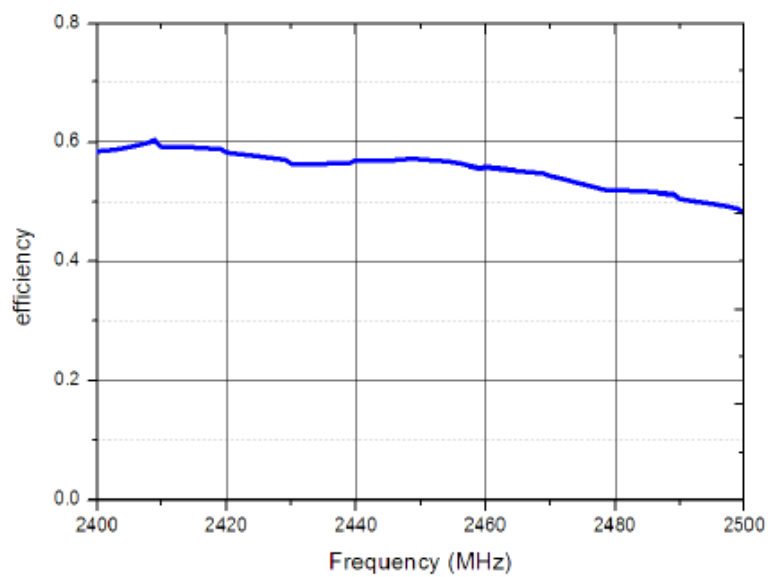
ITEM	SPEC.	
Model Name	CH2.4 GHz	
Center Frequency	2402 MHz 2440 MHz 2480 MHz	1.3 dBi 1.2 dBi 1 dBi
MAX. GAIN	1.3dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	11.79 mm	

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

Antenna Photo & Length



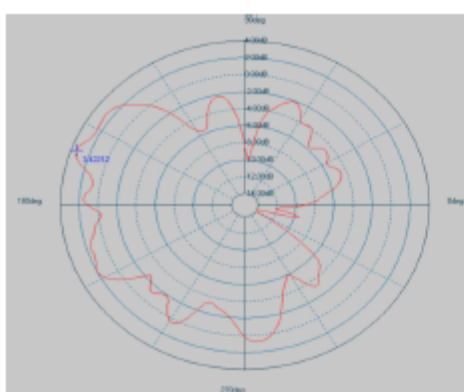
效率-频率 **Efficiency-Frequency**



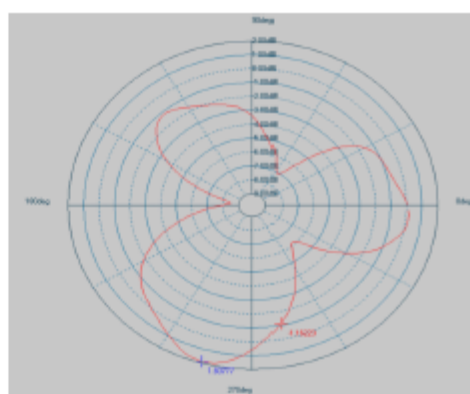
Frequency	Efficiency
2450 MHz	0.57
2407 MHz	0.6

辐射方向图 Radiation patterns

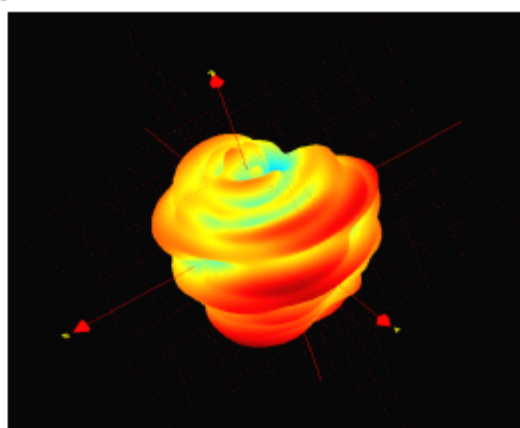
Frequency=2450 MHz



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