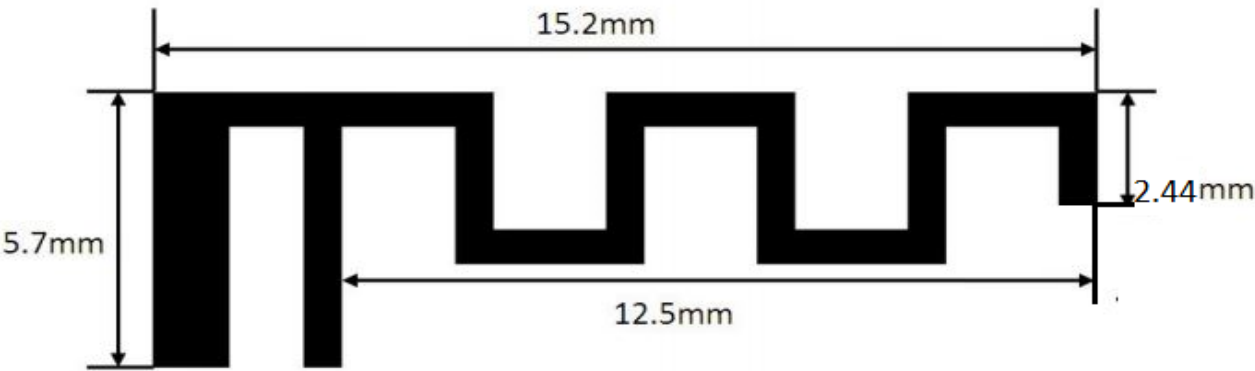


# Inverted F Antenna Specification

## Summary

|                      |                                                               |          |          |          |           |           |
|----------------------|---------------------------------------------------------------|----------|----------|----------|-----------|-----------|
| ITEM                 | ANT SPEC                                                      |          |          |          |           |           |
| Model Name           | 2.4G ANT                                                      |          |          |          |           |           |
| Center Frequency     | Horizontal                                                    |          |          | Vertical |           |           |
|                      | 2400MHz                                                       | 2450MHz  | 2500MHz  | 2400MHz  | 2450MHz   | 2500MHz   |
|                      | -1.73dBi                                                      | -0.84dBi | -0.68dBi | -6.15dBi | -3.70 dBi | -2.32 dBi |
| MAX. Gain            | -0.68dBi                                                      |          |          |          |           |           |
| Polarization         | Horizontal and Vertical                                       |          |          |          |           |           |
| Azimuth Beam Pattern | Omni-directional                                              |          |          |          |           |           |
| Impedance            | 50 Ohm                                                        |          |          |          |           |           |
| Antenna Length       | 35.84mm                                                       |          |          |          |           |           |
| Manufacture          | ZHUHAI JIELI TECHNOLOGY CO.,LTD                               |          |          |          |           |           |
| Address              | 333 Kexing Road, Xiangzhou District, Zhuhai, Guangdong, China |          |          |          |           |           |

## Antenna Photo



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div



| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2400               | -1.73178  | -30.0815 | -8.48713 |
| 2450               | -0.845801 | -38.5605 | -7.88012 |
| 2500               | -0.685586 | -24.0318 | -6.79139 |

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2400               | -6.1530   | -24.1420 | -13.0295 |
| 2450               | -3.7054   | -26.5836 | -10.6700 |
| 2500               | -2.32122  | -30.4301 | -9.70536 |

ANT Test Labs: Attestation of Global Compliance Co., Ltd.

Address:1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community,  
Fuhai Street, Bao'an District, Shenzhen, Guangdong, China