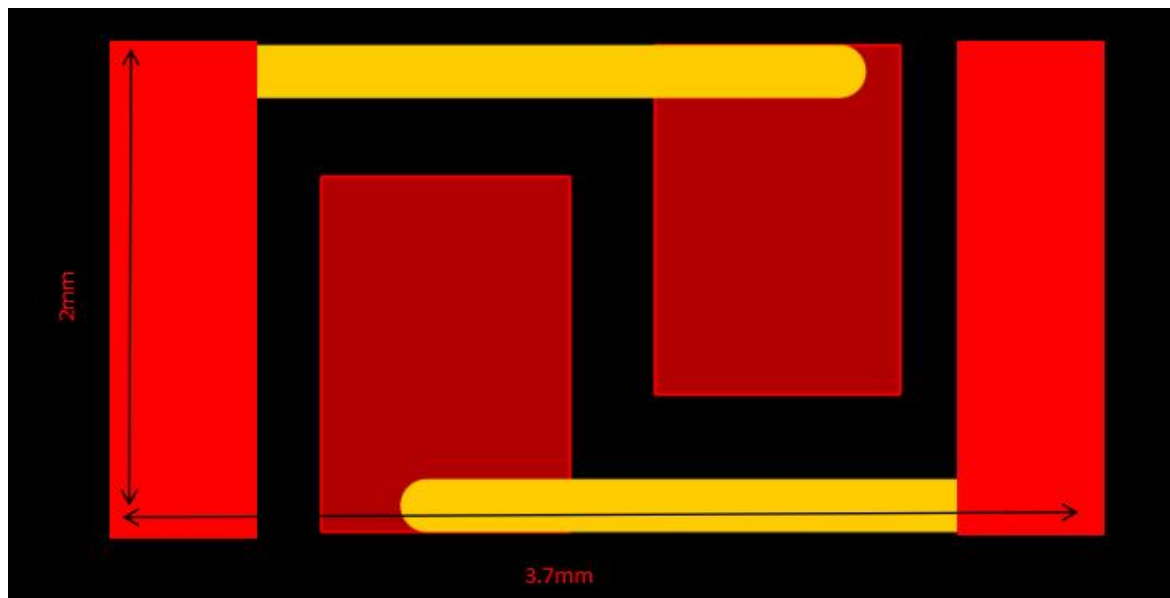


## Inverted F Antenna Specification

### Summary

|                      |                                                                                                                                 |         |         |          |         |         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                 | ANT SPEC                                                                                                                        |         |         |          |         |         |
| Model Name           | 2.4G ANT                                                                                                                        |         |         |          |         |         |
| Center Frequency     | Horizontal                                                                                                                      |         |         | Vertical |         |         |
|                      | 2400MHz                                                                                                                         | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                      | -8.46                                                                                                                           | -8.46   | -10.82  | -9.06    | -9.7    | -10.58  |
| MAX. Gain            | -8.46 dB                                                                                                                        |         |         |          |         |         |
| Polarization         | Horizontal and Vertical                                                                                                         |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                                                                                                                |         |         |          |         |         |
| Impedance            | 50 Ohm                                                                                                                          |         |         |          |         |         |
| Antenna Length       | 38.20mm                                                                                                                         |         |         |          |         |         |
| Manufacture          | Shenzhen Zhongke Lanxun Technology Co., Ltd.                                                                                    |         |         |          |         |         |
| Address              | Room 1301-1, Building A, Zhihui Plaza, No. 4068, Qiaoxiang Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen City |         |         |          |         |         |

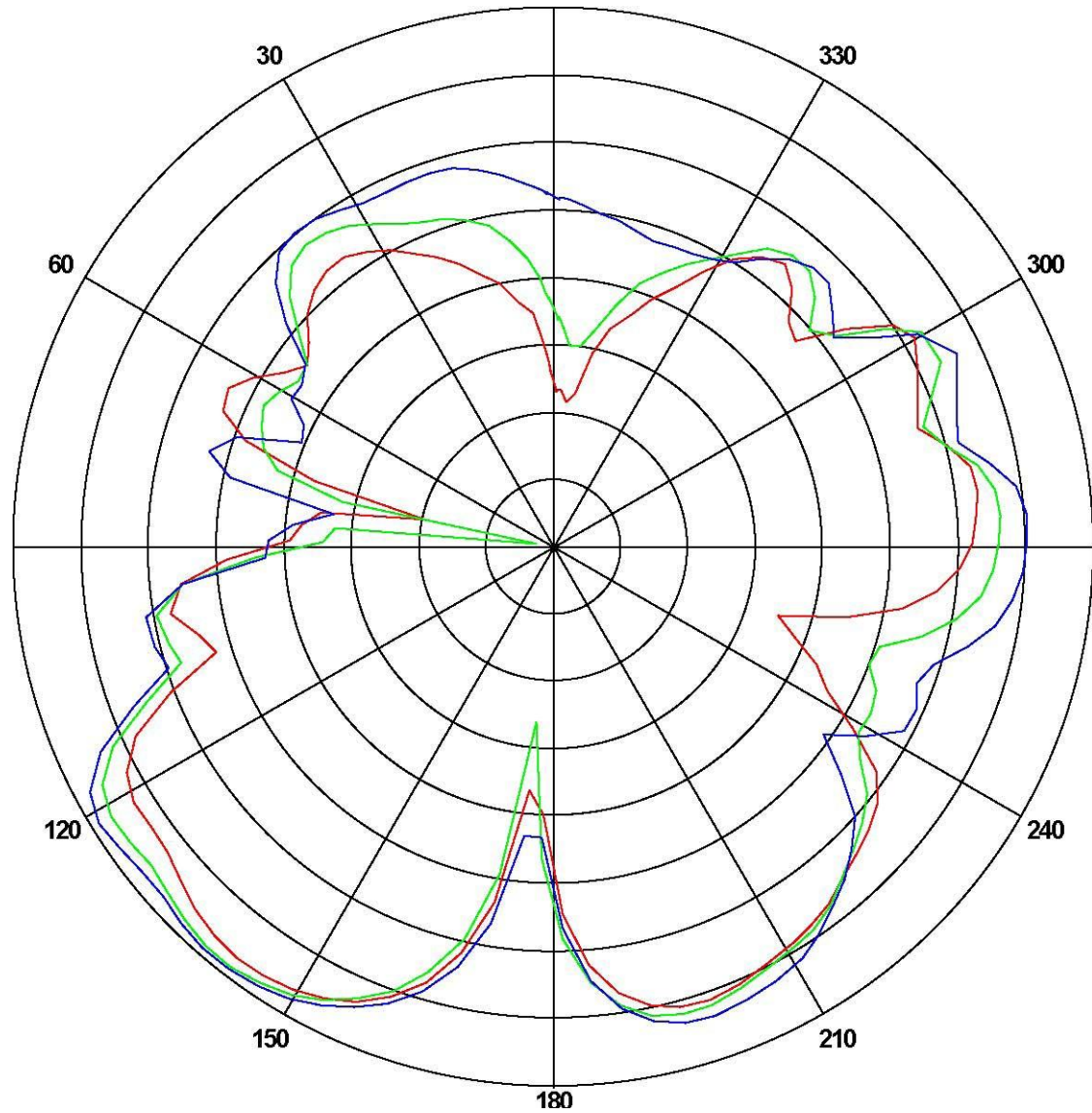
### Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

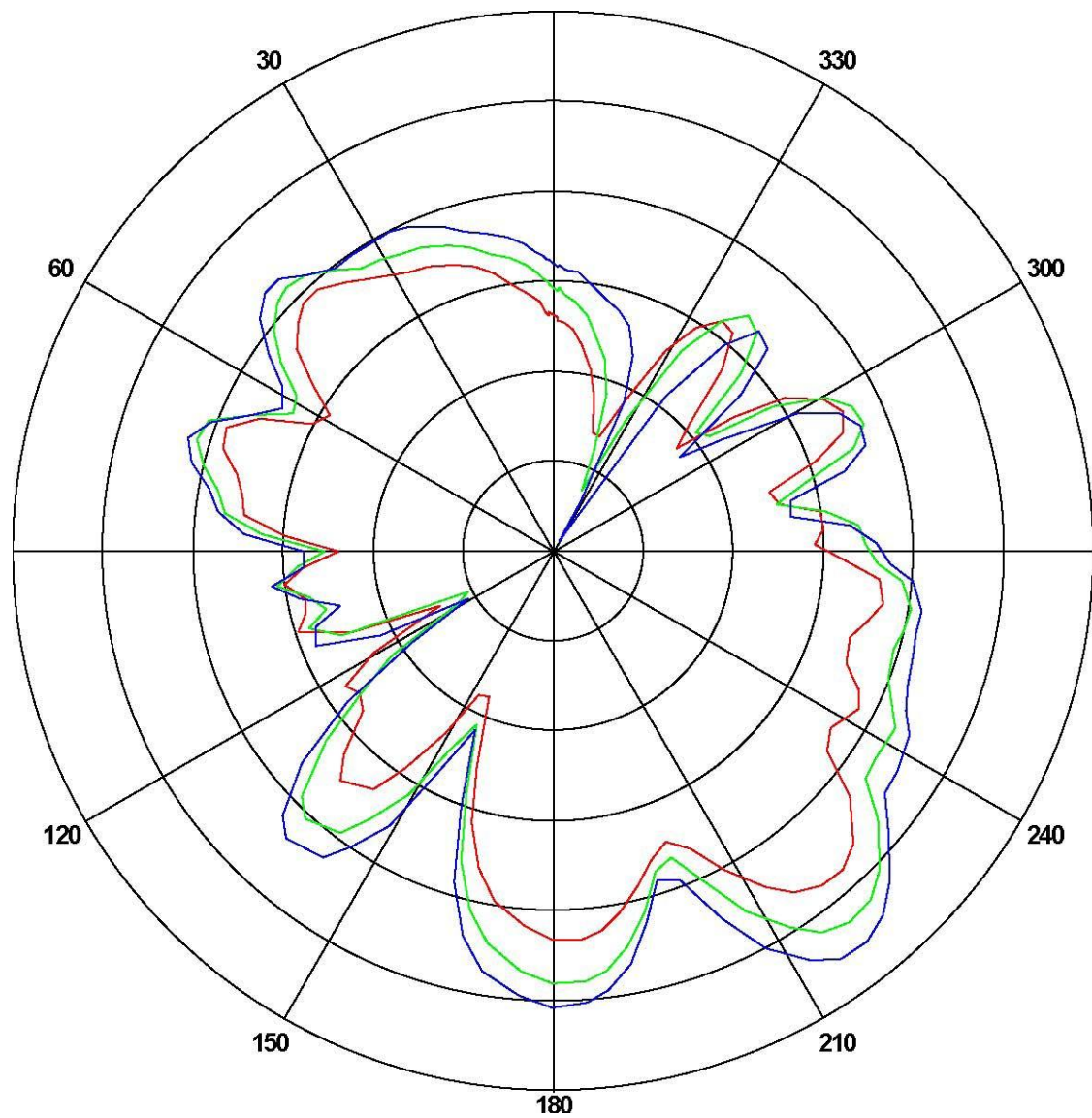


| Frequency<br>(MHz) | Gain(dB) |          |          |
|--------------------|----------|----------|----------|
|                    | Max      | Min      | Avg      |
| 2400               | -8.46    | -30.0815 | -8.48713 |
| 2450               | -8.46    | -38.5605 | -7.88012 |
| 2500               | -10.82   | -24.0318 | -6.79139 |

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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



| Frequency<br>(MHz) | Gain(dB) |          |          |
|--------------------|----------|----------|----------|
|                    | Max      | Min      | Avg      |
| 2400               | -9.06    | -24.1420 | -13.0295 |
| 2450               | -9.7     | -26.5836 | -10.6700 |
| 2500               | -10.58   | -30.4301 | -9.70536 |

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