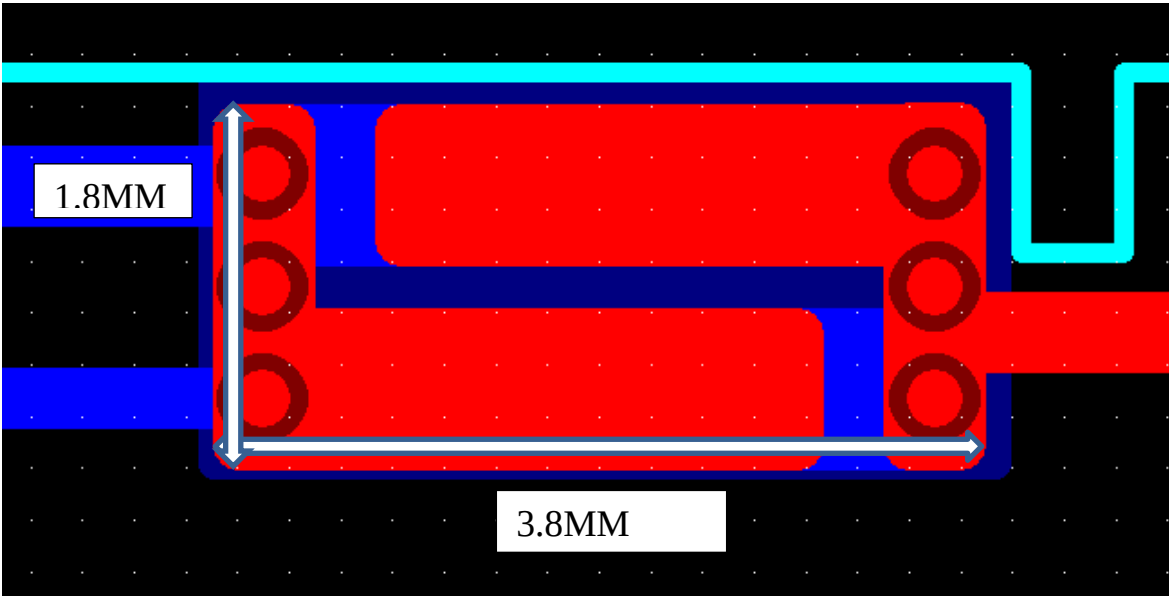


# Inverted F Antenna Specification

## Summary

|                      |                                              |         |         |          |         |         |
|----------------------|----------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                 | ANT SPEC                                     |         |         |          |         |         |
| Model Name           | 2.4G ANT                                     |         |         |          |         |         |
| Center Frequency     | Horizontal                                   |         |         | Vertical |         |         |
|                      | 2400MHz                                      | 2400MHz | 2500MHz | 2400MHz  | 2400MHz | 2500MHz |
|                      | -8.46                                        | -8.46   | -10.82  | -9.06    | -9.7    | -10.58  |
| MAX. Gain            | -8.46(dBi)                                   |         |         |          |         |         |
| Polarization         | Horizontal and Vertical                      |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                             |         |         |          |         |         |
| Impedance            | 50 Ohm                                       |         |         |          |         |         |
| Antenna Length       | 38.20mm                                      |         |         |          |         |         |
| Manufacture          | Shenzhen Zhongke Lanxun Technology Co., Ltd. |         |         |          |         |         |

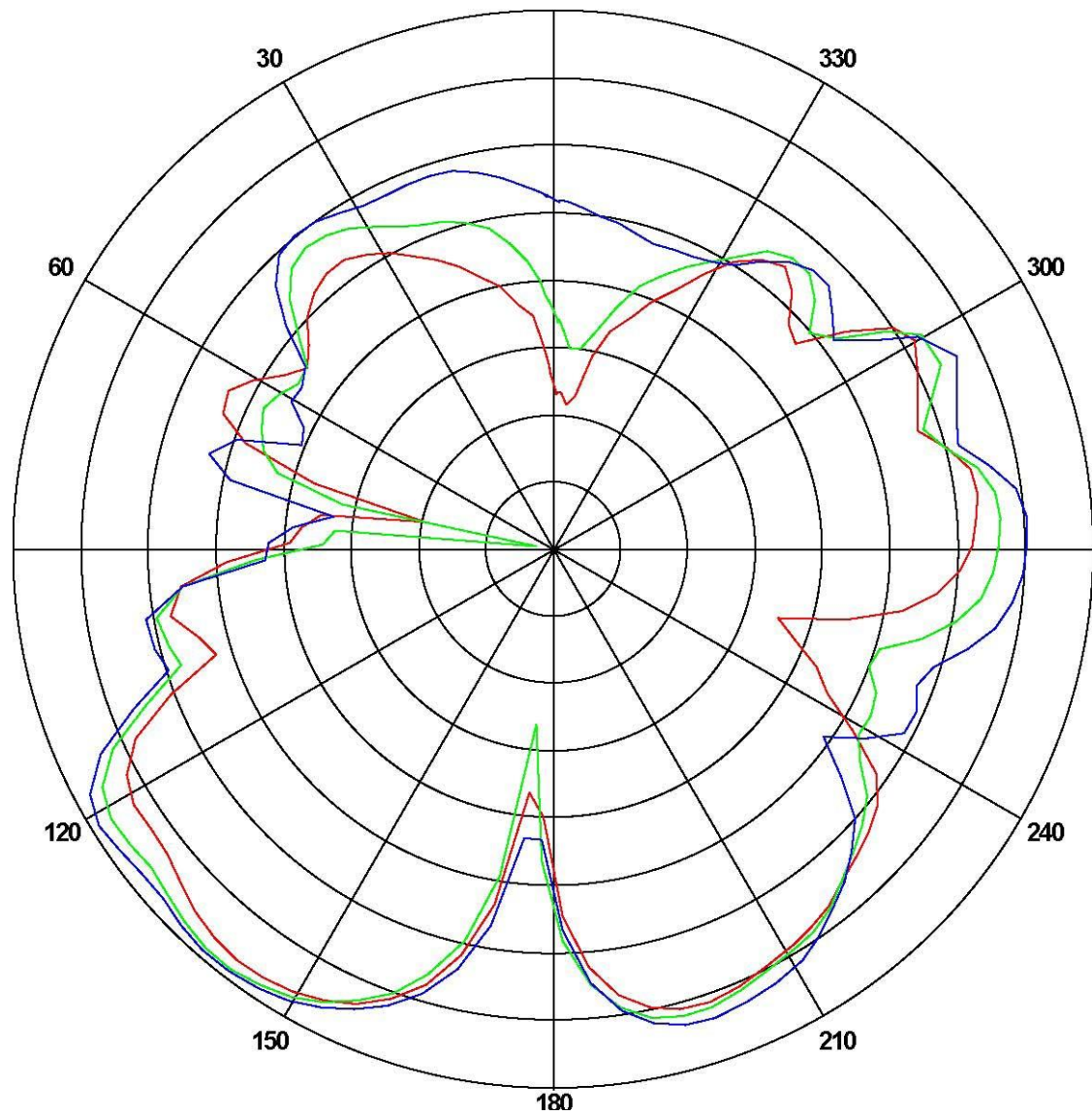
## Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

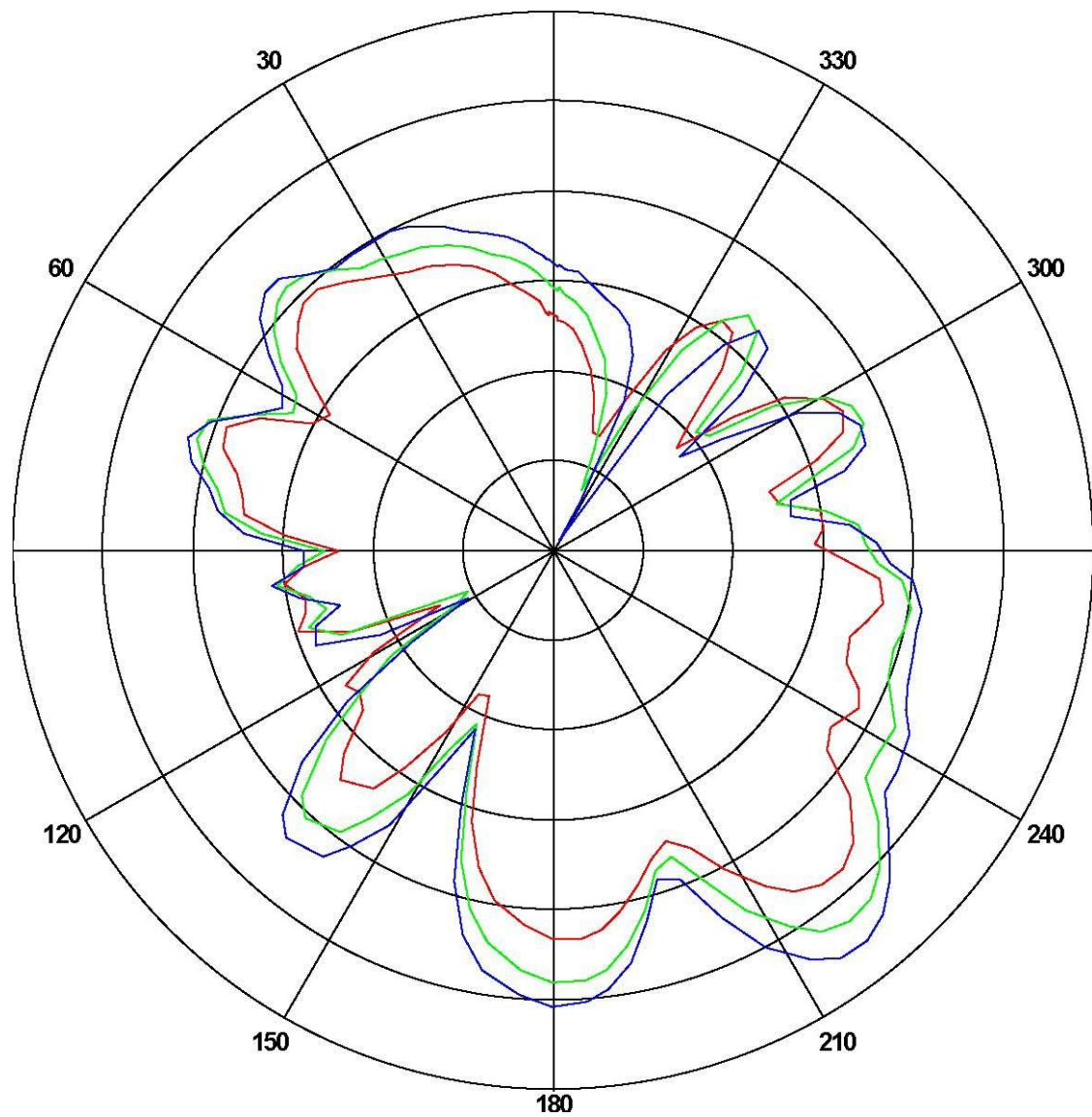


| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2400               | -8.46     | -30.0815 | -8.48713 |
| 2450               | -8.46     | -38.5605 | -7.88012 |
| 2500               | -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(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | 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.