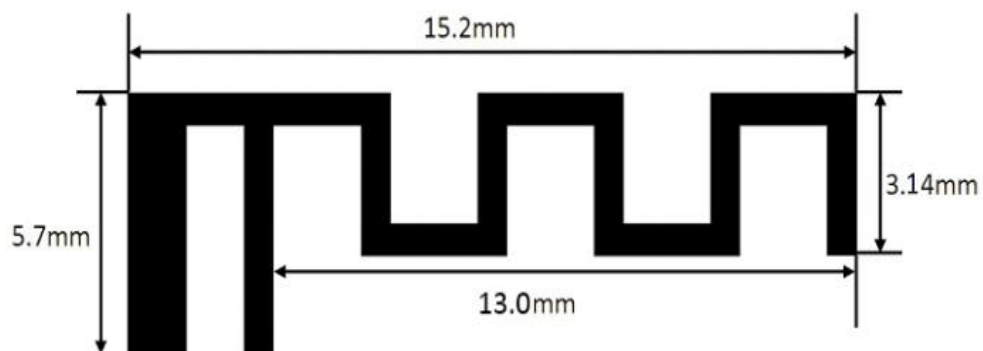


## Inverted F Antenna Specification

### Summary

| ITEM                 | ANT SPEC                                                                                                                              |         |         |          |         |         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------|---------|----------|---------|---------|
| Model Name           | 2.4G ANT                                                                                                                              |         |         |          |         |         |
| Center Frequency     | Horizontal                                                                                                                            |         |         | Vertical |         |         |
|                      | 2400MHz                                                                                                                               | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                      | -1.26                                                                                                                                 | -0.76   | -0.58   | -0.42    | -0.33   | 0.07    |
| MAX. Gain            | 0.07 dBi                                                                                                                              |         |         |          |         |         |
| Polarization         | Horizontal and Vertical                                                                                                               |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                                                                                                                      |         |         |          |         |         |
| Impedance            | 50 Ohm                                                                                                                                |         |         |          |         |         |
| Antenna Length       | 38.20mm                                                                                                                               |         |         |          |         |         |
| Manufacture          | Yongkang Guanmei Electronics Co., Ltd.<br>2nd Floor, No. 83, Xijin New Village, Jiangnan, Yongkang City, Jinhua City, Zhejiang, China |         |         |          |         |         |

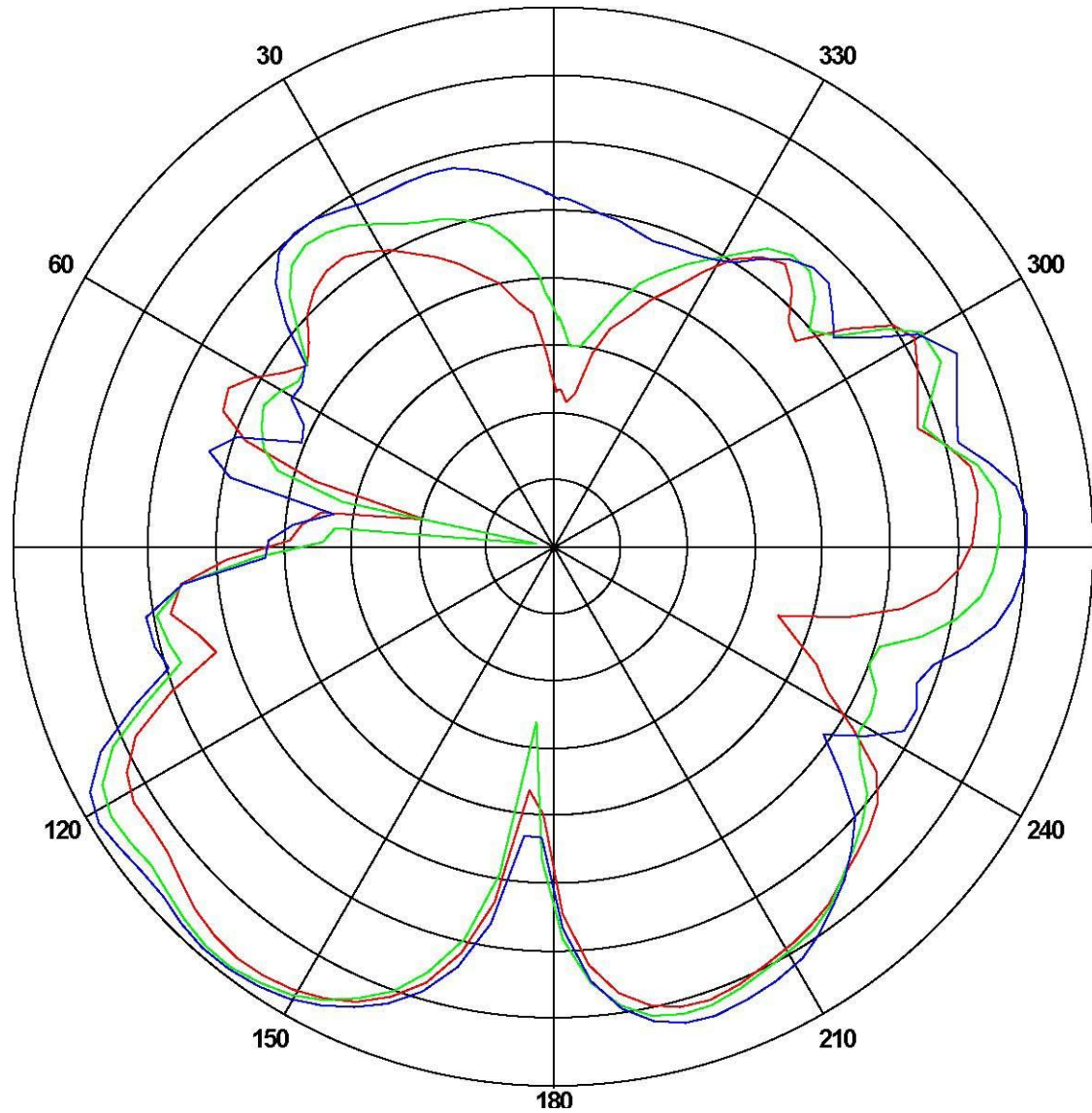
### Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

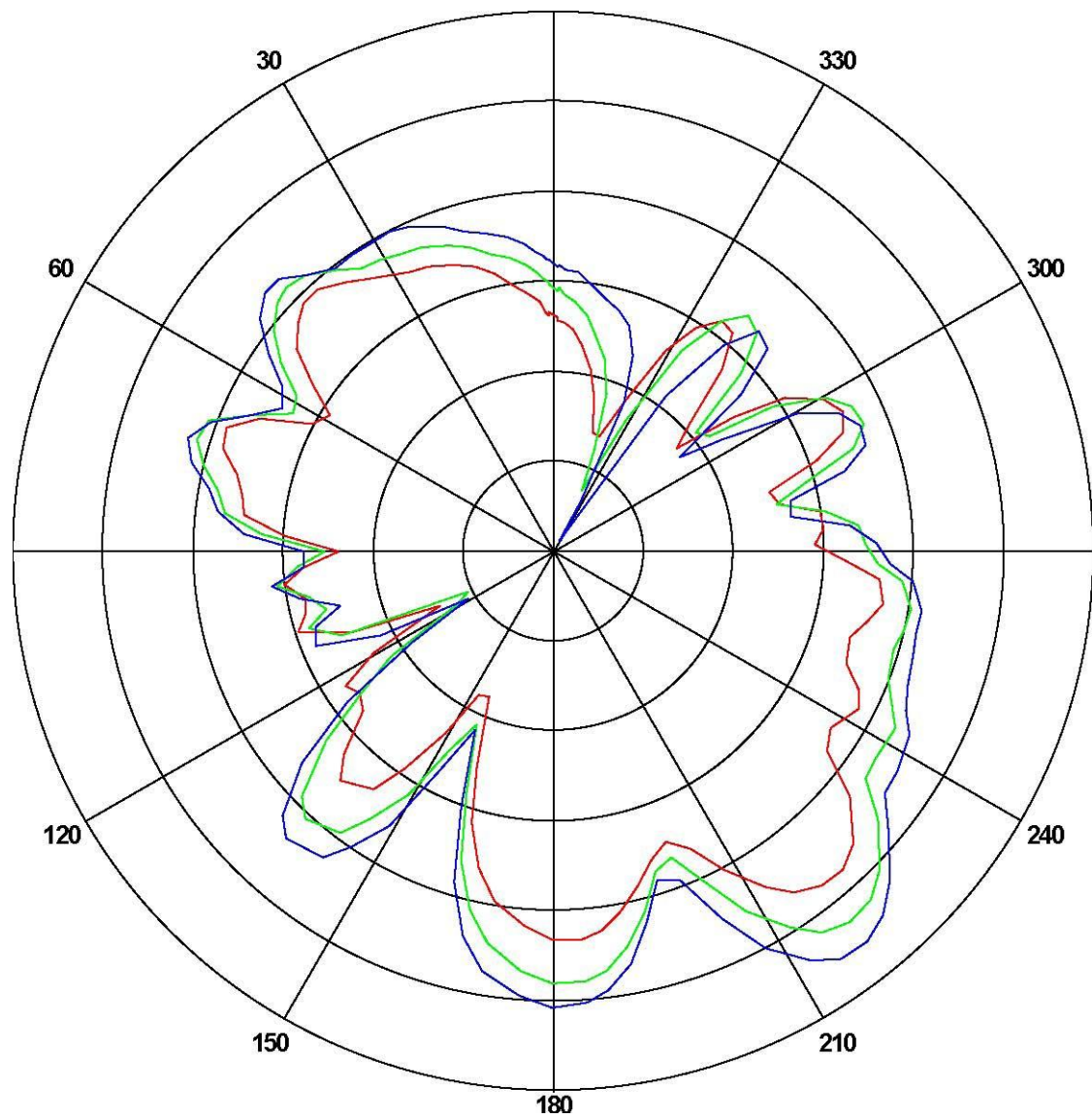


| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2400               | -1.26174  | -30.0801 | -7.18716 |
| 2450               | -0.765802 | -36.5604 | -7.48023 |
| 2500               | -0.585582 | -22.0315 | -6.59127 |

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               | -0.4229   | -22.1424 | -12.4294 |
| 2450               | -0.3355   | -24.5837 | -10.4702 |
| 2500               | 0.07000   | -29.5214 | -9.20432 |