

## Inverted F Antenna Specification

### Summary

|                      |                                 |         |         |          |         |         |
|----------------------|---------------------------------|---------|---------|----------|---------|---------|
| ITEM                 | ANT SPEC                        |         |         |          |         |         |
| Model Name           | 2.4G ANT                        |         |         |          |         |         |
| Center Frequency     | Horizontal                      |         |         | Vertical |         |         |
|                      | 2400MHz                         | 2400MHz | 2500MHz | 2400MHz  | 2400MHz | 2500MHz |
|                      | -1.26                           | -0.76   | -0.58   | -5.25    | -2.46   | 2.81    |
| MAX. Gain            | 2.81dB                          |         |         |          |         |         |
| Polarization         | Horizontal and Vertical         |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                |         |         |          |         |         |
| Impedance            | 50 Ohm                          |         |         |          |         |         |
| Antenna Length       | 15.2mm                          |         |         |          |         |         |
| Manufacture          | ZHUHAI JIELI TECHNOLOGY CO.,LTD |         |         |          |         |         |

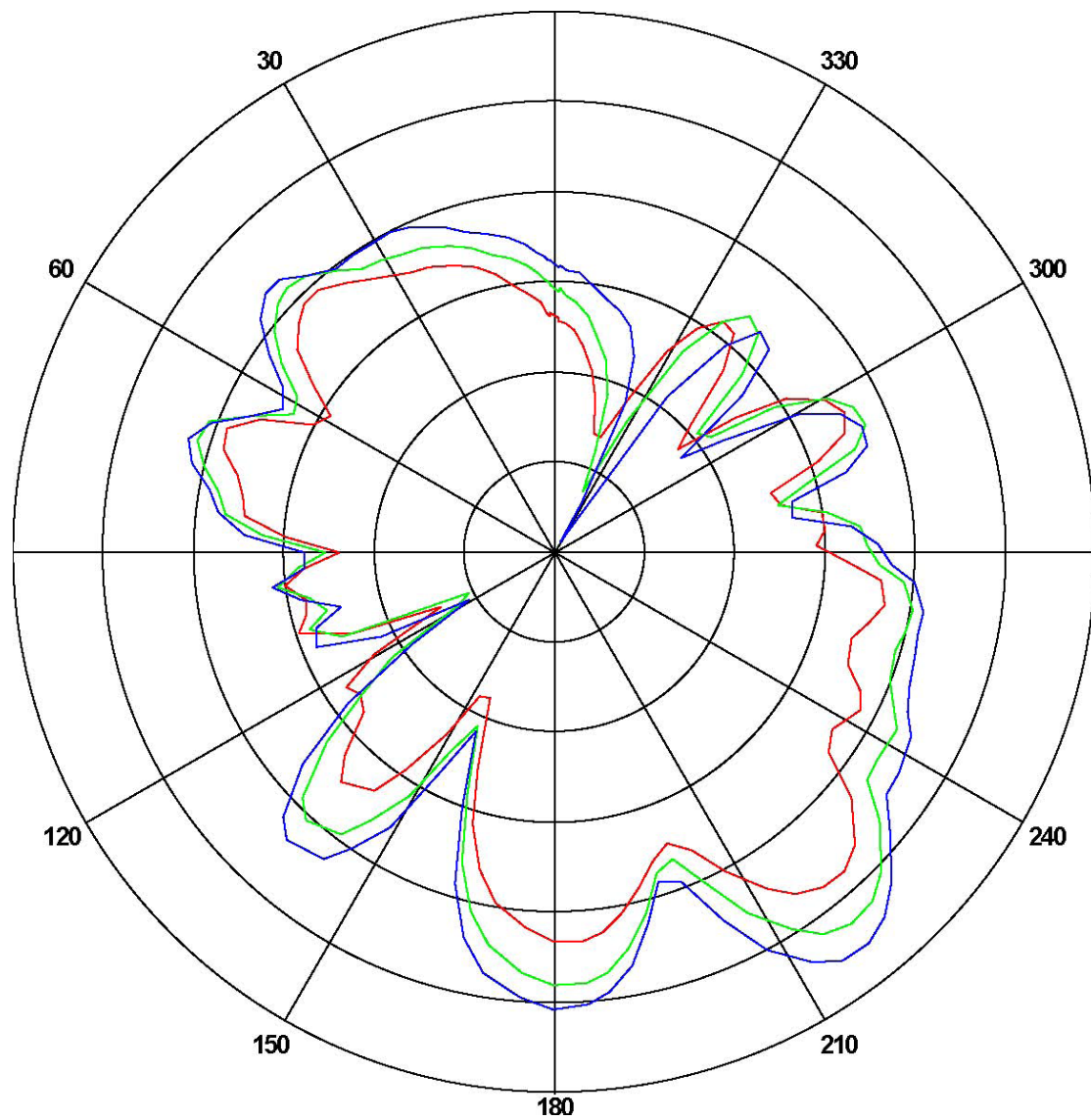
### Antenna Photo & Length (mm)



Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 5 Min: -25 Scale: 5/div



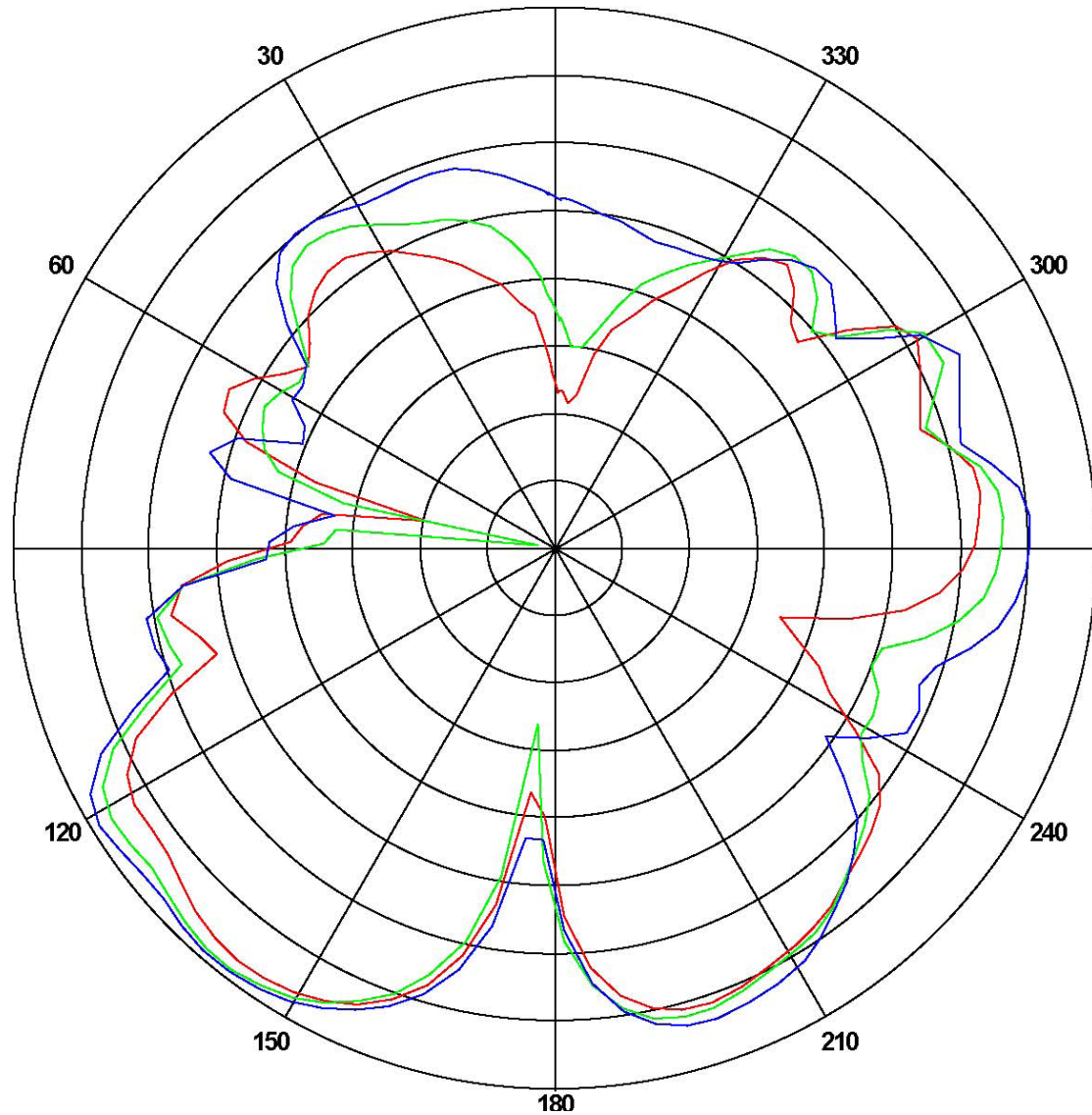
| Frequency<br>(MHz) | Gain(dB) |          |          |
|--------------------|----------|----------|----------|
|                    | Max      | Min      | Avg      |
| 2400               | -5.2537  | -22.1424 | -12.4294 |
| 2450               | -2.4652  | -24.5837 | -10.4702 |
| 2500               | 2.8102   | -24.9654 | -9.0458  |

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

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               | -1.26174  | -30.0801 | -7.18716 |
| 2450               | -0.760802 | -36.5604 | -7.48023 |
| 2500               | -0.584582 | -22.0315 | -6.59127 |