

## Inverted F Antenna Specification

### Summary

| ITEM                 | ANT SPEC                        |          |          |          |          |         |
|----------------------|---------------------------------|----------|----------|----------|----------|---------|
| Model Name           | 2.4G ANT                        |          |          |          |          |         |
| Center Frequency     | Horizontal                      |          |          | Vertical |          |         |
|                      | 2400MHz                         | 2400MHz  | 2500MHz  | 2400MHz  | 2400MHz  | 2500MHz |
|                      | -1.73dBi                        | -0.84dBi | -0.68dBi | -6.15dBi | -3.70dBi | 2.32dBi |
| MAX. Gain            | -0.68dBi                        |          |          |          |          |         |
| Polarization         | Horizontal and Vertical         |          |          |          |          |         |
| Azimuth Beam Pattern | Omni-directional                |          |          |          |          |         |
| Impedance            | 50 Ohm                          |          |          |          |          |         |
| Antenna Length       | 38.20mm                         |          |          |          |          |         |
| Manufacture          | ZHUHAI JIELI TECHNOLOGY CO.,LTD |          |          |          |          |         |

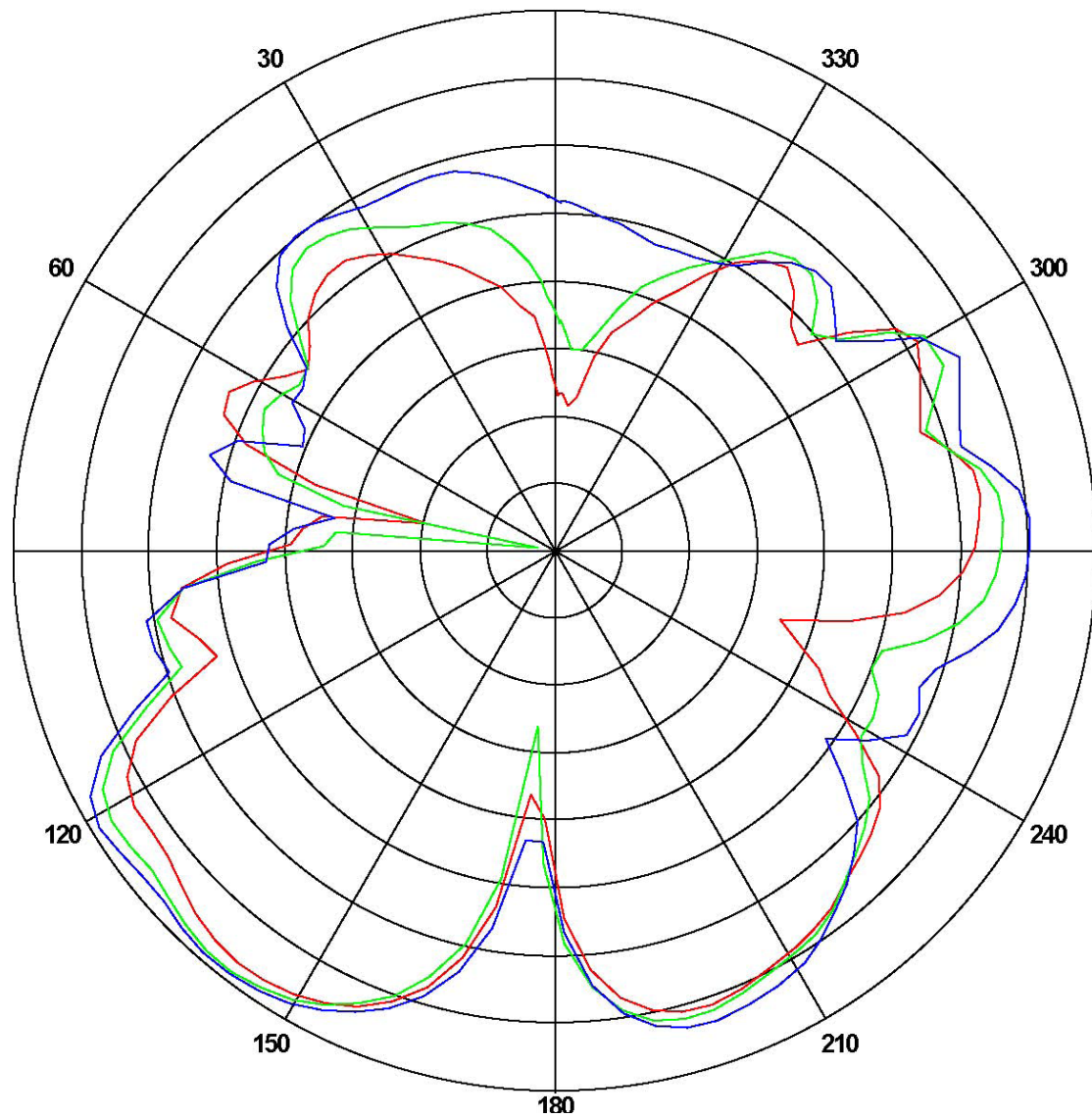
### Antenna Photo & Length (mm)



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               | -1.73     | -30.08 | -8.48 |
| 2450               | -0.84     | -38.56 | -7.88 |
| 2500               | -0.68     | -24.03 | -6.79 |

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               | -6.15     | -24.14 | -13.02 |
| 2450               | -3.70     | -26.58 | -10.67 |
| 2500               | -2.32     | -30.43 | -9.70  |

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