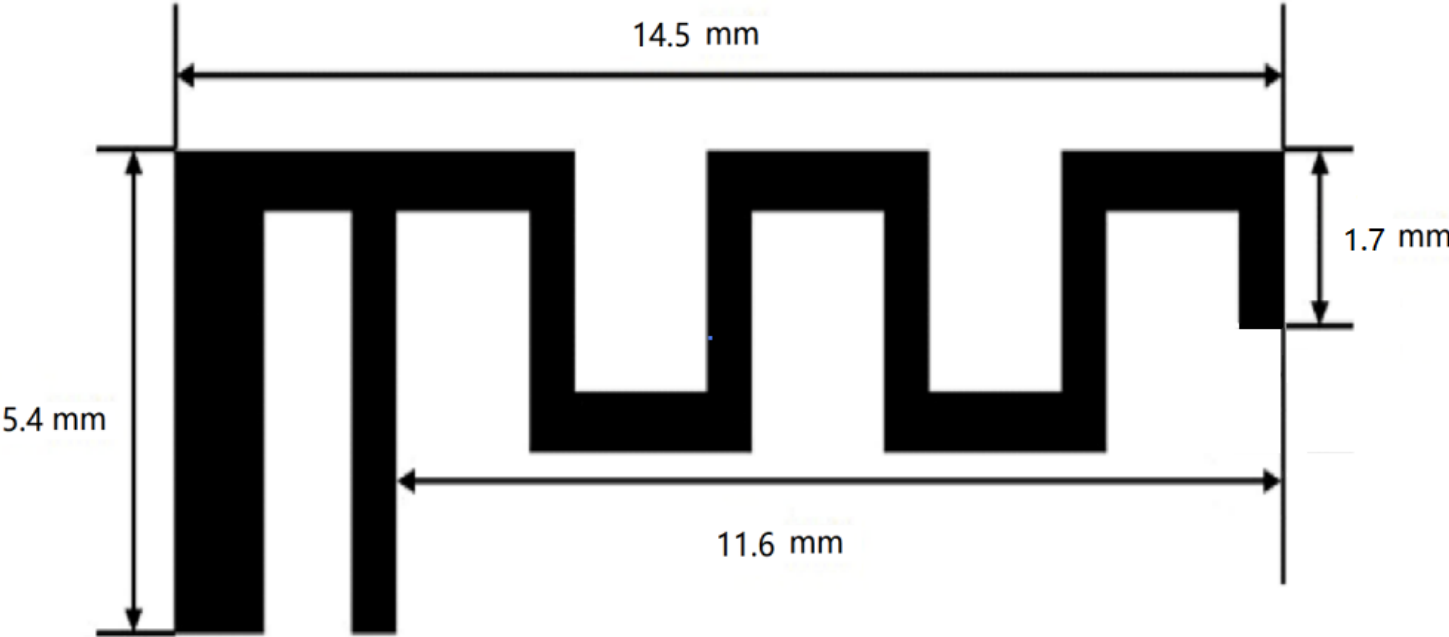


# Inverted F Antenna Specification

## Summary

|                      |                                                                                                  |         |         |          |         |         |
|----------------------|--------------------------------------------------------------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                 | ANT SPEC                                                                                         |         |         |          |         |         |
| Model Name           | 2.4G ANT                                                                                         |         |         |          |         |         |
| Center Frequency     | Horizontal                                                                                       |         |         | Vertical |         |         |
|                      | 2400MHz                                                                                          | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                      | -1.22                                                                                            | -0.73   | -0.58   | -5.18    | -2.41   | -1.79   |
| MAX. Gain            | -0.58dB                                                                                          |         |         |          |         |         |
| Polarization         | Horizontal and Vertical                                                                          |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                                                                                 |         |         |          |         |         |
| Impedance            | 50 Ohm                                                                                           |         |         |          |         |         |
| Antenna Length       | 38.20mm                                                                                          |         |         |          |         |         |
| Manufacture          | ZHUHAI JIELI TECHNOLOGY CO.,LTD                                                                  |         |         |          |         |         |
| Address              | 1402, Huafeng New Energy Technology Industry Building, Xixiang Street, Bao'an District, Shenzhen |         |         |          |         |         |

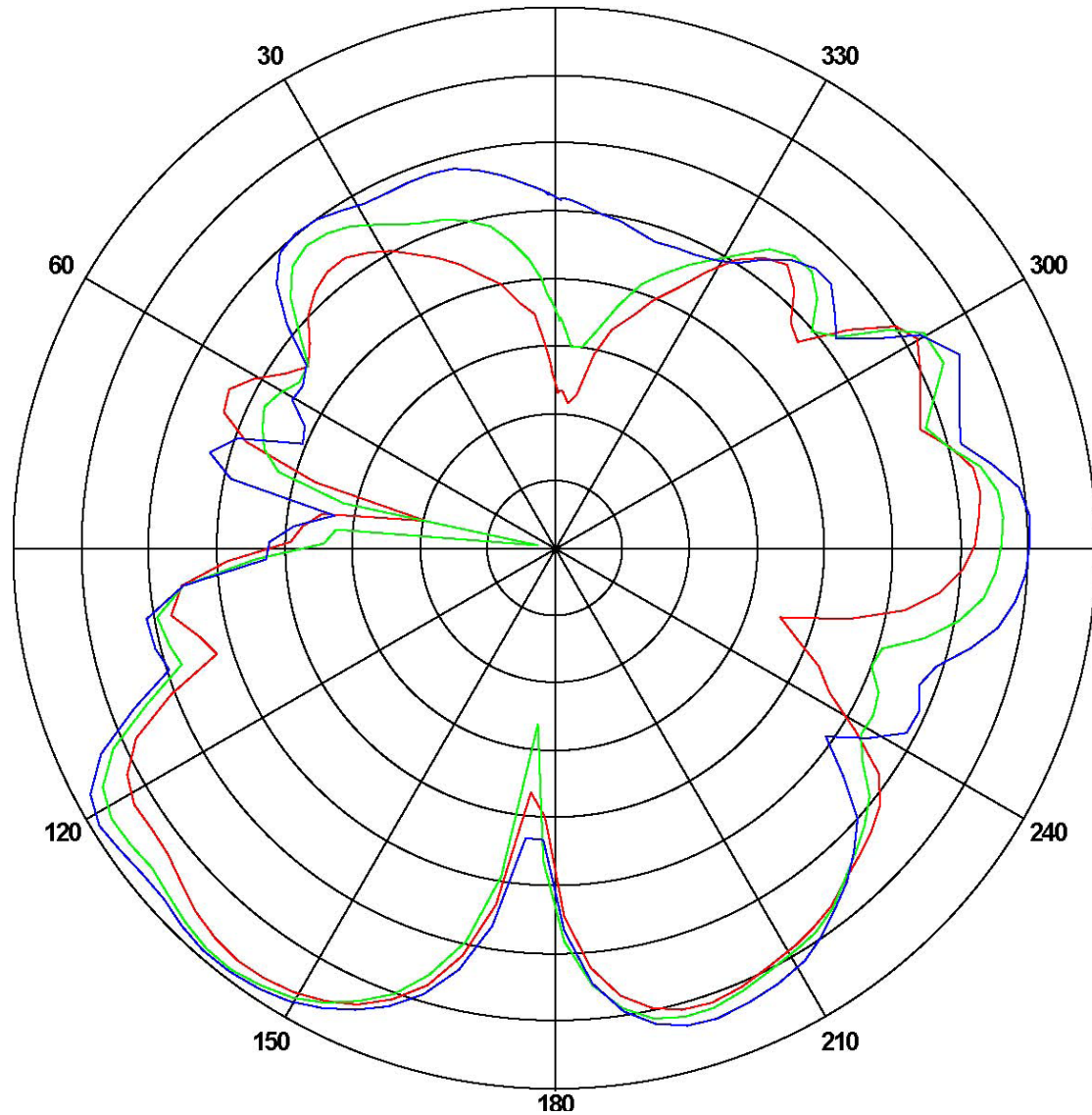
## Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

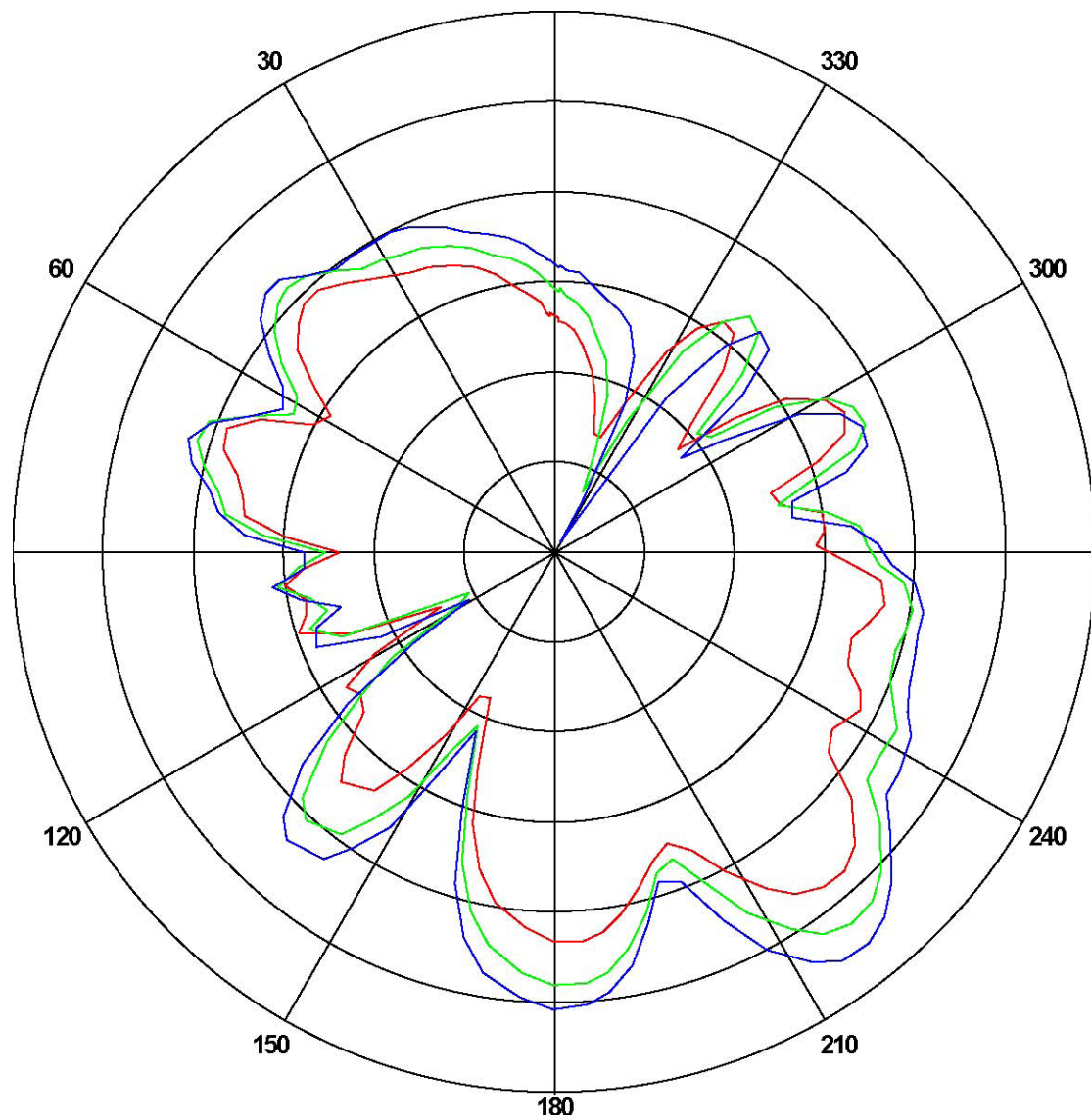


| Frequency<br>(MHz) | Gain(dB)  |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2400               | -1.22132  | -30.0210 | -7.15612 |
| 2450               | -0.735205 | -36.5310 | -7.46019 |
| 2500               | -0.585219 | -22.1012 | -6.56108 |

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               | -5.1886  | -22.0965 | -12.3695 |
| 2450               | -2.4185  | -24.5323 | -10.5012 |
| 2500               | -1.7986  | -29.4952 | -9.18523 |

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