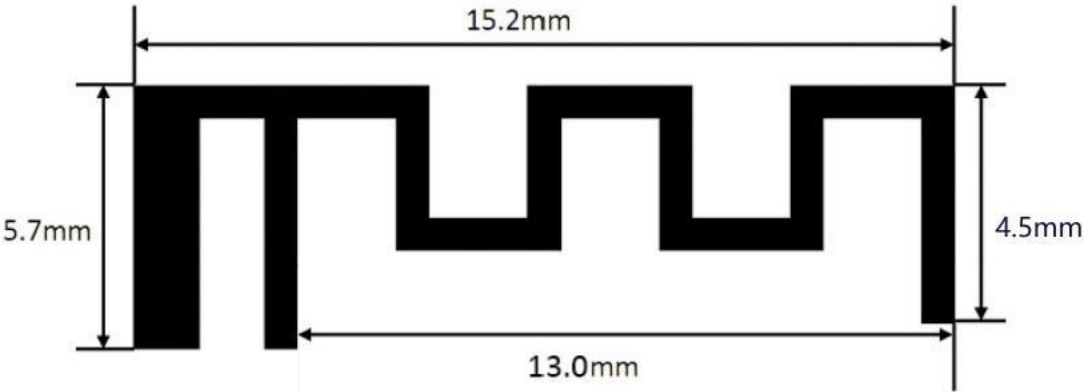


# Inverted F Antenna Specification

## Summary

|                      |                                                       |         |         |          |         |         |
|----------------------|-------------------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                 | ANT SPEC                                              |         |         |          |         |         |
| Model Name           | 2.4GANT                                               |         |         |          |         |         |
| Center Frequency     | Horizontal                                            |         |         | Vertical |         |         |
|                      | 2400MHz                                               | 2400MHz | 2500MHz | 2400MHz  | 2400MHz | 2500MHz |
|                      | -1.26                                                 | -0.76   | -0.58   | -5.25    | -2.46   | -1.86   |
| MAX. Gain            | -0.58dBi                                              |         |         |          |         |         |
| Polarization         | Horizontal and Vertical                               |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                                      |         |         |          |         |         |
| Impedance            | 50 Ohm                                                |         |         |          |         |         |
| Antenna Length       | 39.56mm                                               |         |         |          |         |         |
| Type of Antenna      | PCB Antenna                                           |         |         |          |         |         |
| Manufacture          | ZHUHAI JIELI TECHNOLOGY CO., LTD                      |         |         |          |         |         |
| Address              | NO. 333 KEXING ROAD, NANPING TOWN, ZHUHAI CITY, CHINA |         |         |          |         |         |

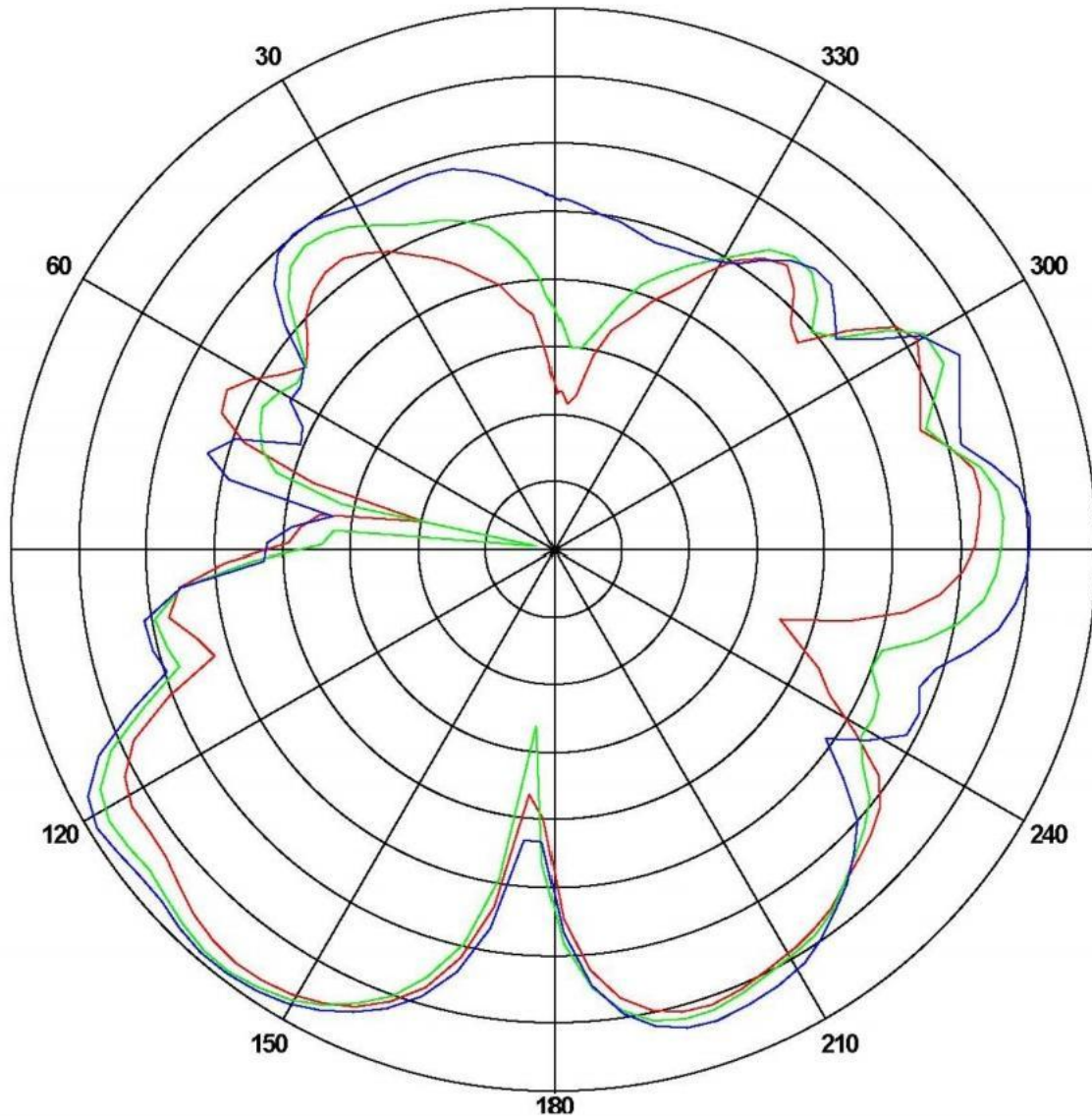
Antenna Photo &Length (mm)



Horizontal:2400 MHz 2450 MHz 2500 MHz

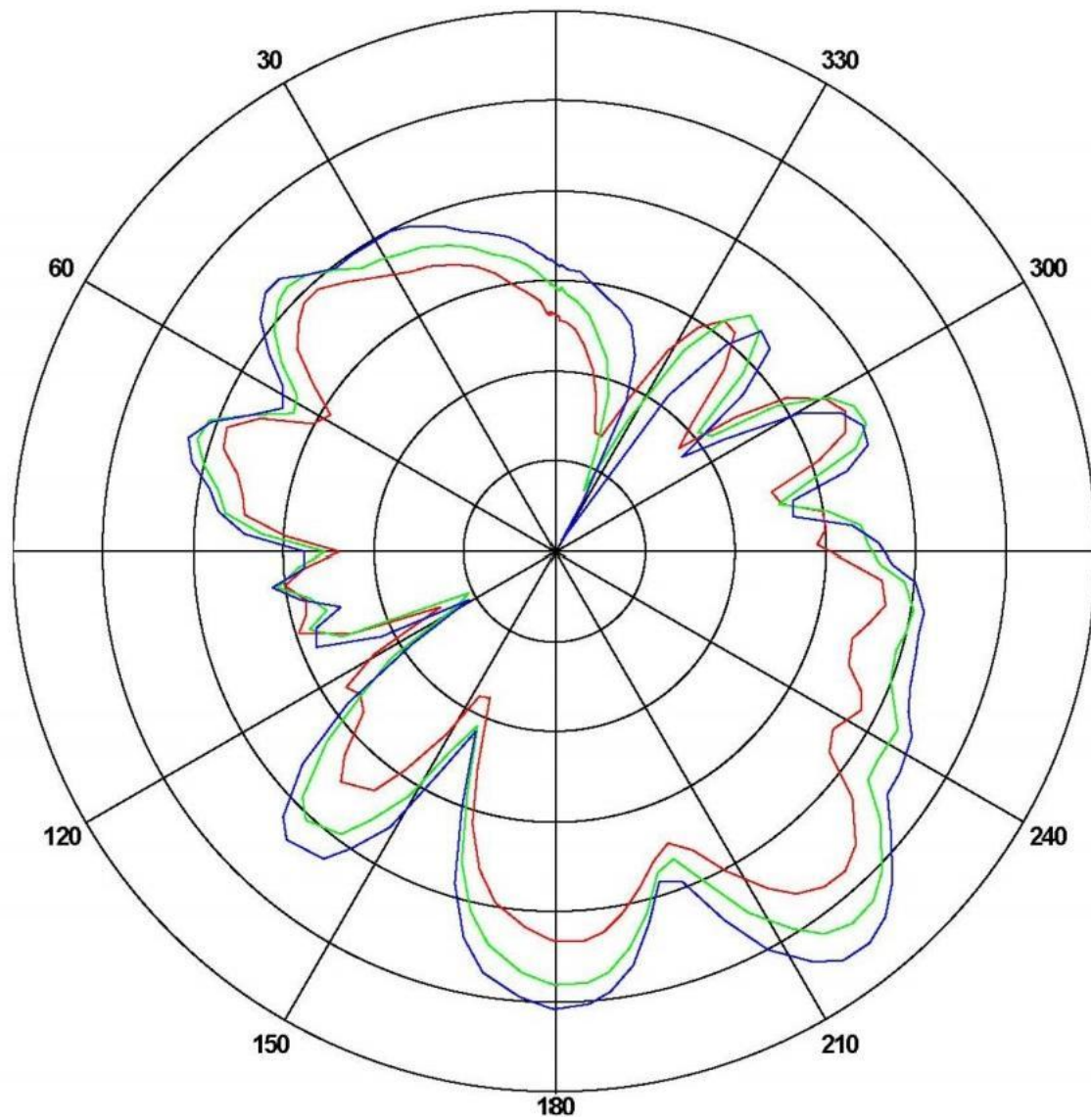
Power(dBm)

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               | -5.2537   | -22.1424 | -12.4294 |
| 2450               | -2.4652   | -24.5837 | -10.4702 |
| 2500               | -1.86120  | -29.5214 | -9.20432 |