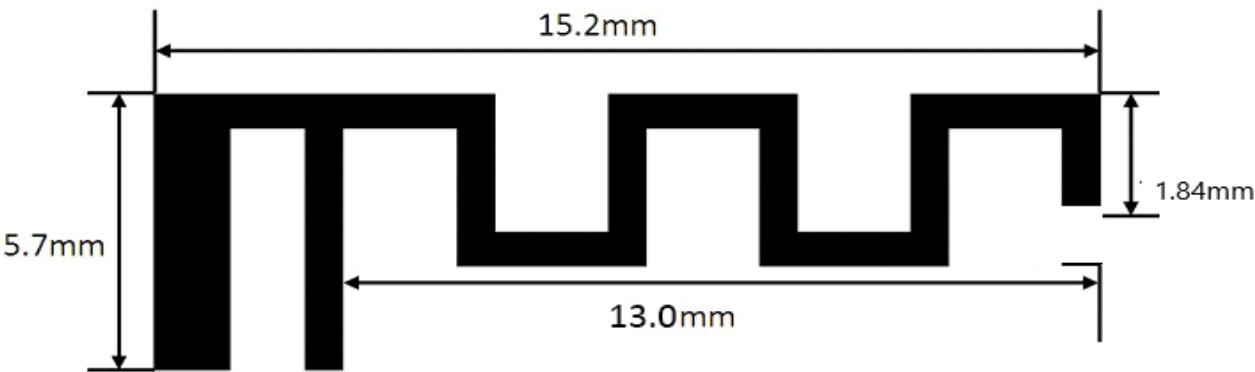


Inverted F Antenna Specification

Summary

|                      |                         |           |           |           |           |           |
|----------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|
| ITEM                 | ANT SPEC                |           |           |           |           |           |
| Model Name           | 2.4G ANT                |           |           |           |           |           |
| Center Frequency     | Horizontal              |           |           | Vertical  |           |           |
|                      | 2400MHz                 | 2400MHz   | 2500MHz   | 2400MHz   | 2400MHz   | 2500MHz   |
|                      | -1.26 dBi               | -0.76 dBi | -0.59 dBi | -5.25 dBi | -2.46 dBi | -1.86 dBi |
| MAX. Gain            | -0.59dBi                |           |           |           |           |           |
| Polarization         | Horizontal and Vertical |           |           |           |           |           |
| Azimuth Beam Pattern | Omni-directional        |           |           |           |           |           |
| Impedance            | 50 Ohm                  |           |           |           |           |           |
| Antenna Length       | 38.20mm                 |           |           |           |           |           |

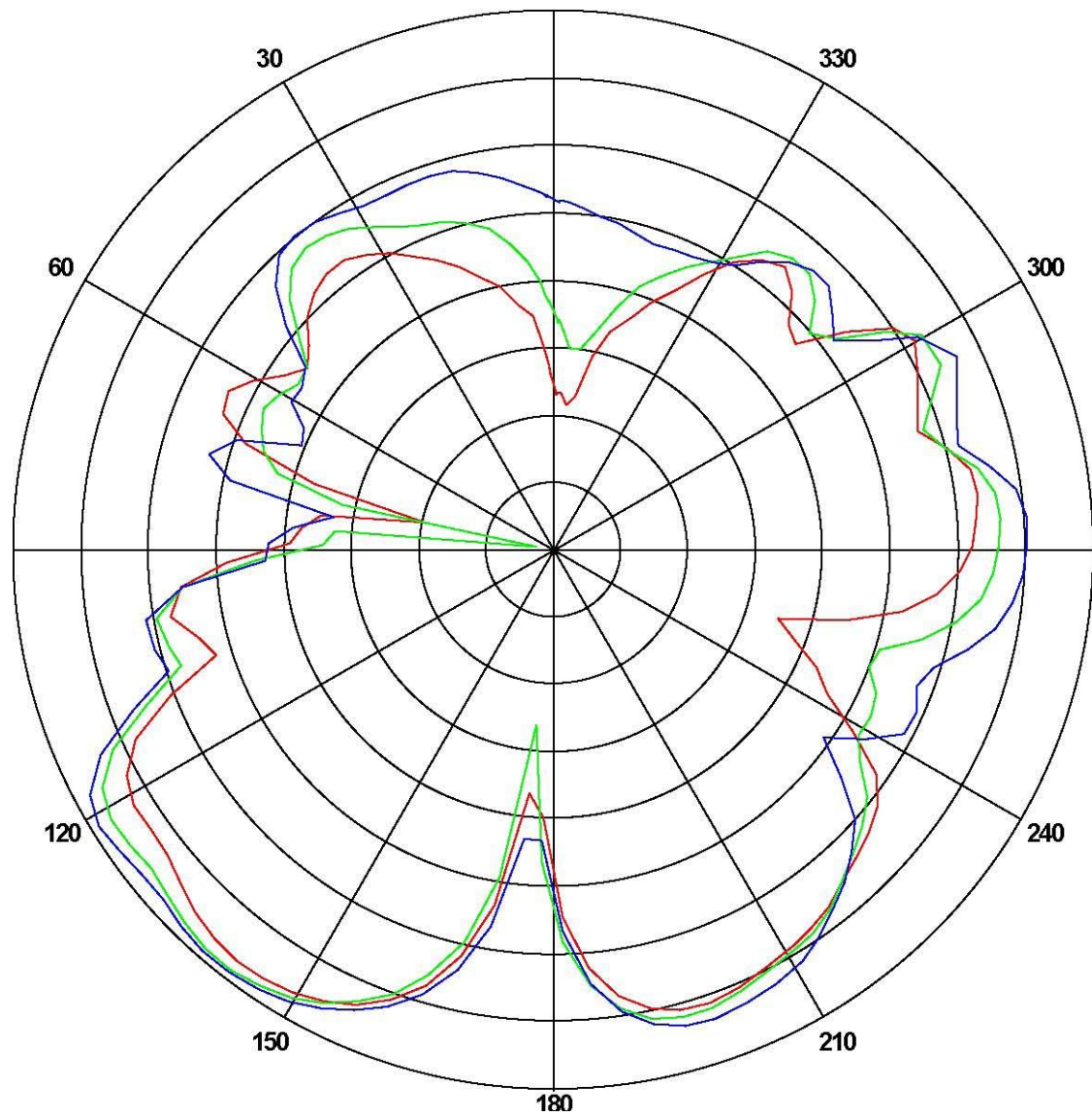
Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

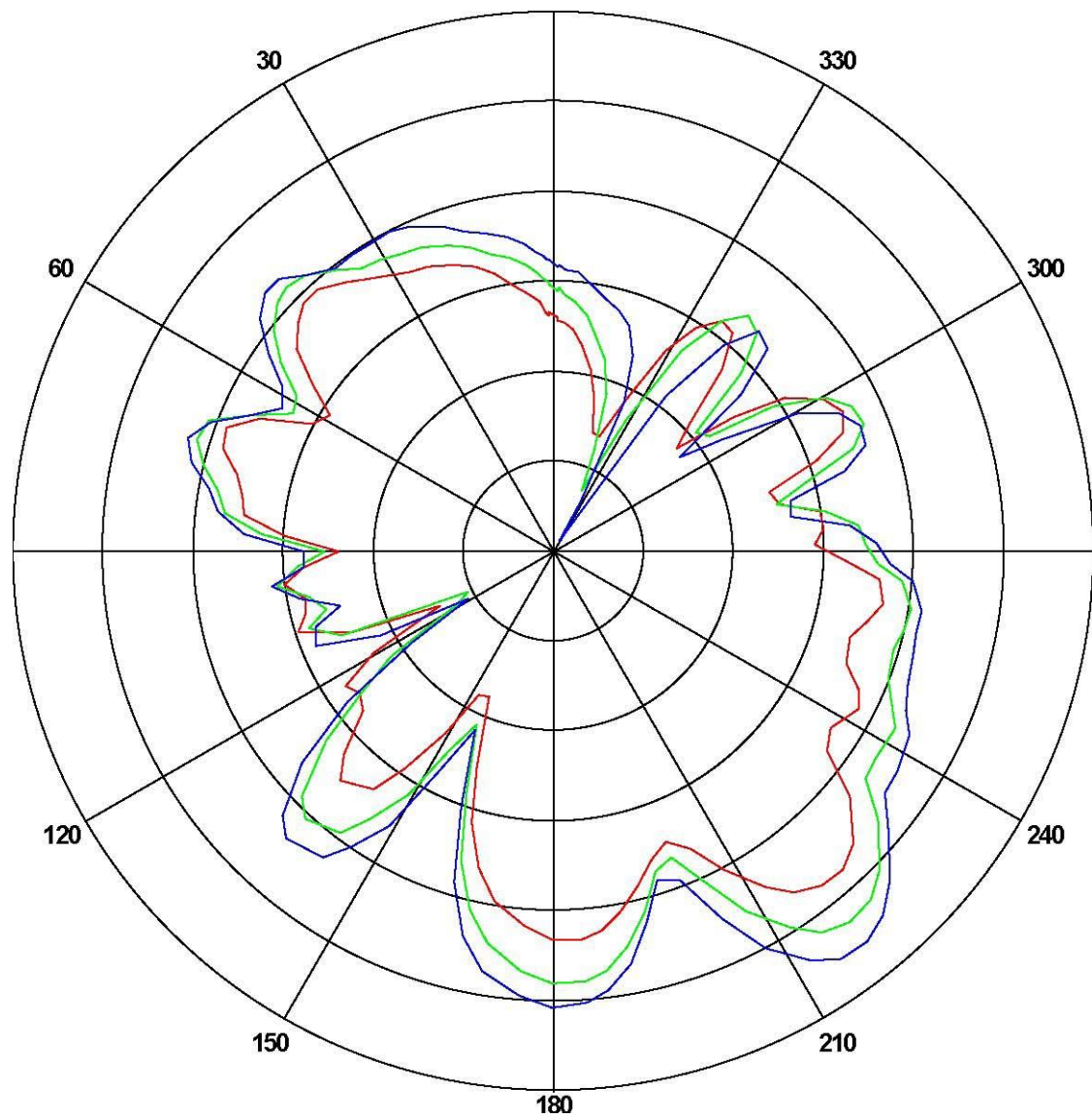


| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2400               | -1.26174  | -30.0801 | -7.18716 |
| 2450               | -0.765802 | -36.5604 | -7.48023 |
| 2500               | -0.59     | -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 |

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