

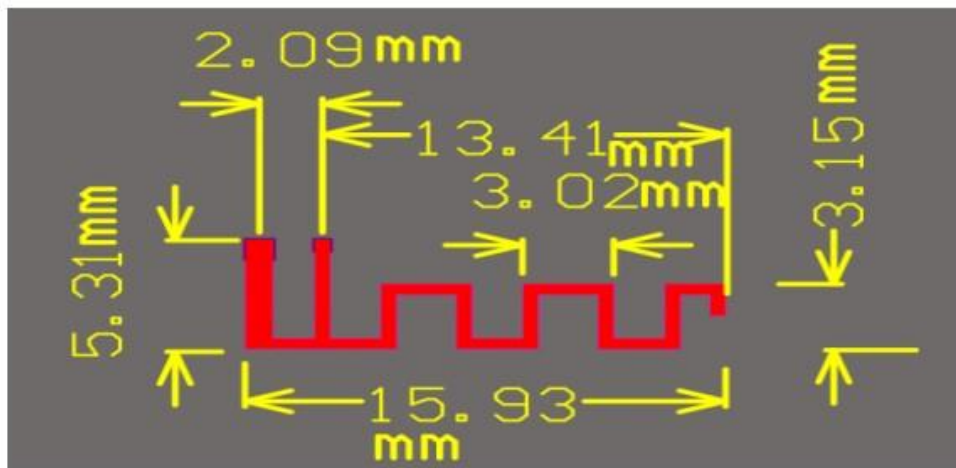
## Inverted F Antenna Specification

### 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   | -1.86   |
| MAX. Gain            | 1.5dB i                                |         |         |          |         |         |
| Polarization         | Horizontal and Vertical                |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                       |         |         |          |         |         |
| Impedance            | 50 Ohm                                 |         |         |          |         |         |
| Antenna Length       | 38.20mm                                |         |         |          |         |         |
| Manufacture          | Shenzhen Bluetrum Technology Co., Ltd. |         |         |          |         |         |

Address: 13F, Unit 1, Building A, Wisdom Plaza, No. 4068 Qiaoxiang Road, Gaofa Community, Shahe Street, Nanshan District, Shenzhen

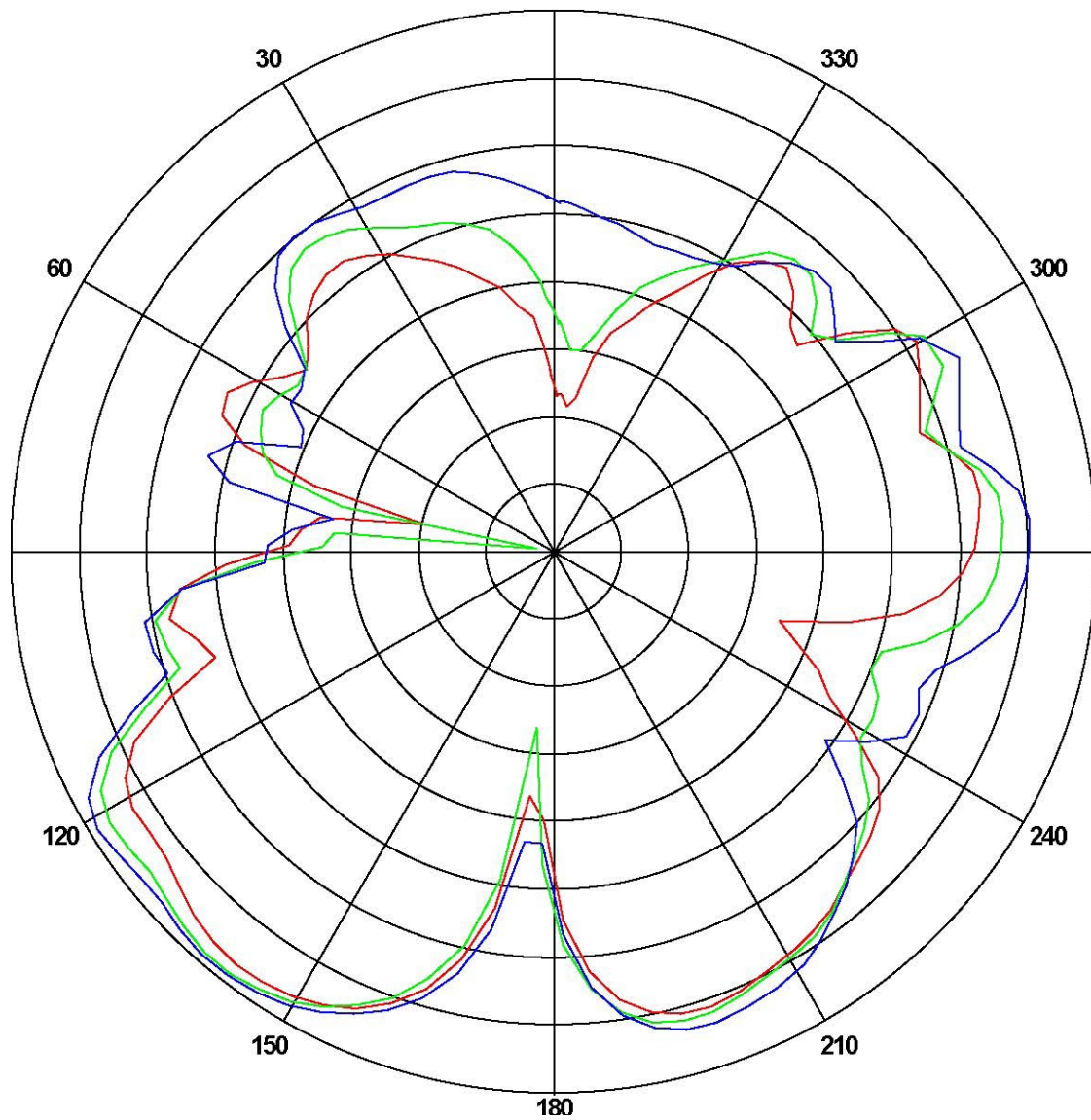
### Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

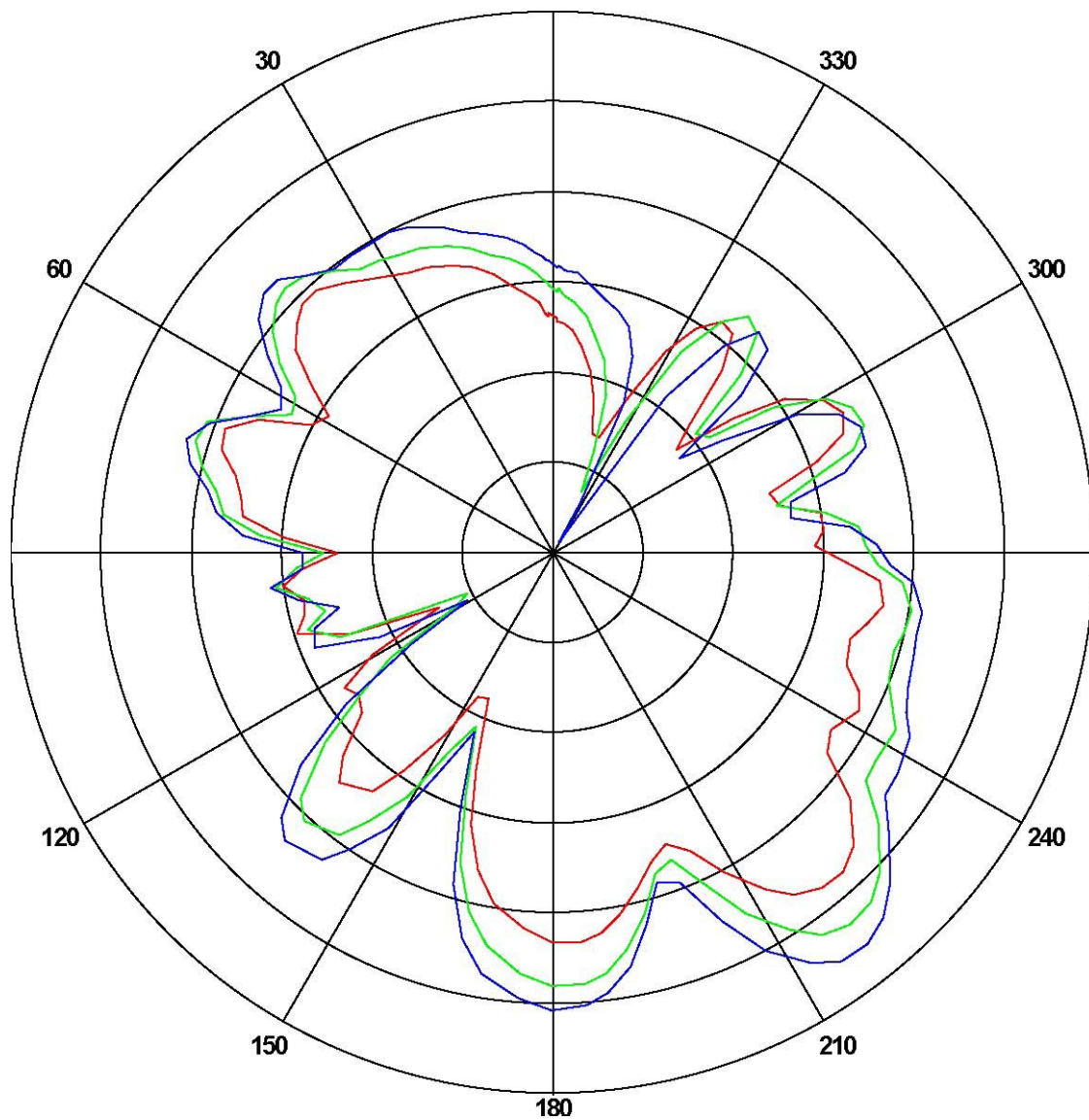


| Frequency (MHz) | Gain(dBi) |          |          |
|-----------------|-----------|----------|----------|
|                 | Max       | Min      | Avg      |
| 2400            | -1.26174  | -30.0801 | -7.18716 |
| 2450            | -0.765802 | -36.5604 | -7.48023 |
| 2500            | 1.5       | -22.0315 | -6.59127 |

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               | -5.2537  | -22.1424 | -12.4294 |
| 2450               | -2.4652  | -24.5837 | -10.4702 |
| 2500               | 1.5      | -29.5214 | -9.20432 |

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