

## Inverted F Antenna Specification

### Summary

| ITEM                 | ANT SPEC                        |         |         |          |         |         |
|----------------------|---------------------------------|---------|---------|----------|---------|---------|
| Model Name           | 2.4G ANT                        |         |         |          |         |         |
| Center Frequency     | Horizontal                      |         |         | Vertical |         |         |
|                      | 2400MHz                         | 2400MHz | 2500MHz | 2400MHz  | 2400MHz | 2500MHz |
|                      | -0.16                           | 0       | -0.52   | -0.15    | -1.46   | -0.86   |
| MAX. Gain            | 0.0dBi                          |         |         |          |         |         |
| 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               | 0          | -30.0801 | -7.18716 |
| 2450               | -0.165802  | -36.5604 | -7.48023 |
| 2500               | -0.2285582 | -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               | -0.5137   | -22.1424 | -12.4294 |
| 2450               | -0.4652   | -24.5837 | -10.4702 |
| 2500               | -0.86120  | -29.5214 | -9.20432 |

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