

## Inverted F Antenna Specification

### Summary

| ITEM ANT             | SPEC                                                              |         |         |          |         |         |
|----------------------|-------------------------------------------------------------------|---------|---------|----------|---------|---------|
| Model Name           | 2.4G ANT                                                          |         |         |          |         |         |
| Center Frequency     | Horizontal V                                                      |         |         | Vertical |         |         |
|                      | 2400MHz                                                           | 2400MHz | 2500MHz | 2400MHz  | 2400MHz | 2500MHz |
|                      | -1.26                                                             | -0.76   | -0.58   | -5.25    | -2.46   | -1.86   |
| MAX. Gain            | -0.58dBi                                                          |         |         |          |         |         |
| Polarization Ho      | Horizontal and Vertical                                           |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional                                                  |         |         |          |         |         |
| Impedance 50         | Ohm                                                               |         |         |          |         |         |
| Antenna Length       | 38.20mm                                                           |         |         |          |         |         |
| Manufacture          | ZHUHAI JIELI TECHNOLOGY CO.,LTD                                   |         |         |          |         |         |
| Address              | No. 333 Kexing Road, Xiangzhou District, Zhuhai, Guangdong, 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  | -3  | .18716   |
| 2450 -0            | .765802   |     | -36.5604 |
| 2500 -0            | .585582   |     | -22.0315 |

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  | -2       | 9.5214 -9 |

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