

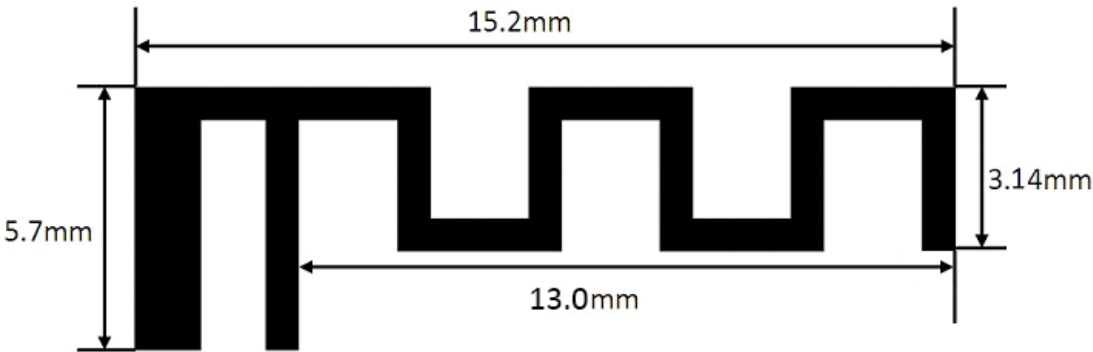
Manufacturer: ZHUHAI JIELI TECHNOLOGY CO.,LTD  
Address: No. 333, Kexing Road, Nanping Town, Zhuhai City, Guangdong Province, China

Inverted F Antenna Specification

Summary

|                      |                         |         |         |          |       |       |
|----------------------|-------------------------|---------|---------|----------|-------|-------|
| ITEM                 | ANT SPEC                |         |         |          |       |       |
| Model Name           | 2.4G ANT                |         |         |          |       |       |
| Center Frequency     | Horizontal              |         |         | Vertical |       |       |
|                      | 2400MHz                 | 2400MHz | 2500MHz | 2400MHz  |       |       |
|                      | -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       | 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               | -0.585582 | -22.0315 | -6.59127 |

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div

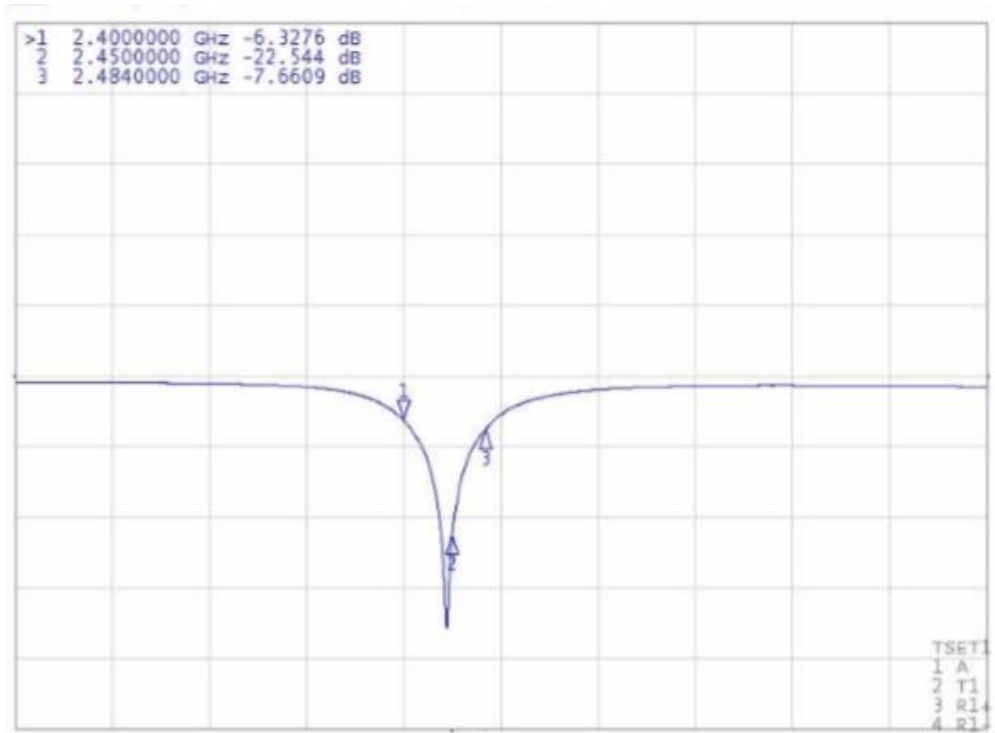


| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max       | Min      | Avg      |
| 2400               | -5.2537   | -22.1424 | -12.4294 |
| 2450               | -2.4652   | -24.5837 | -10.4702 |
| 2500               | -1.86120  | -29.5214 | -9.20432 |

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

### 3. Measurement Results

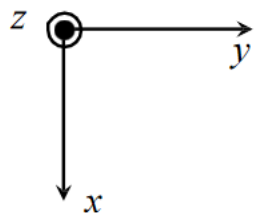
#### Return Loss



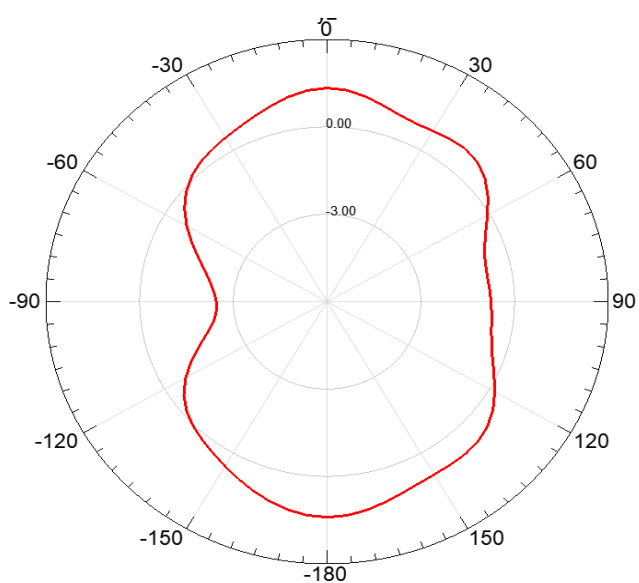
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## Radiation Pattern

coordinates :



Y-Z Plane



X-Z Plane

