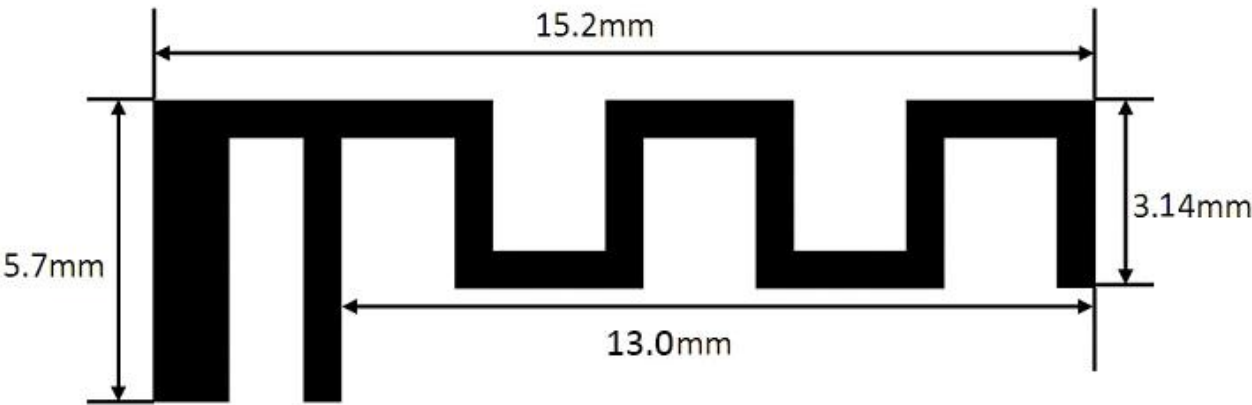


# Inverted F Antenna Specification

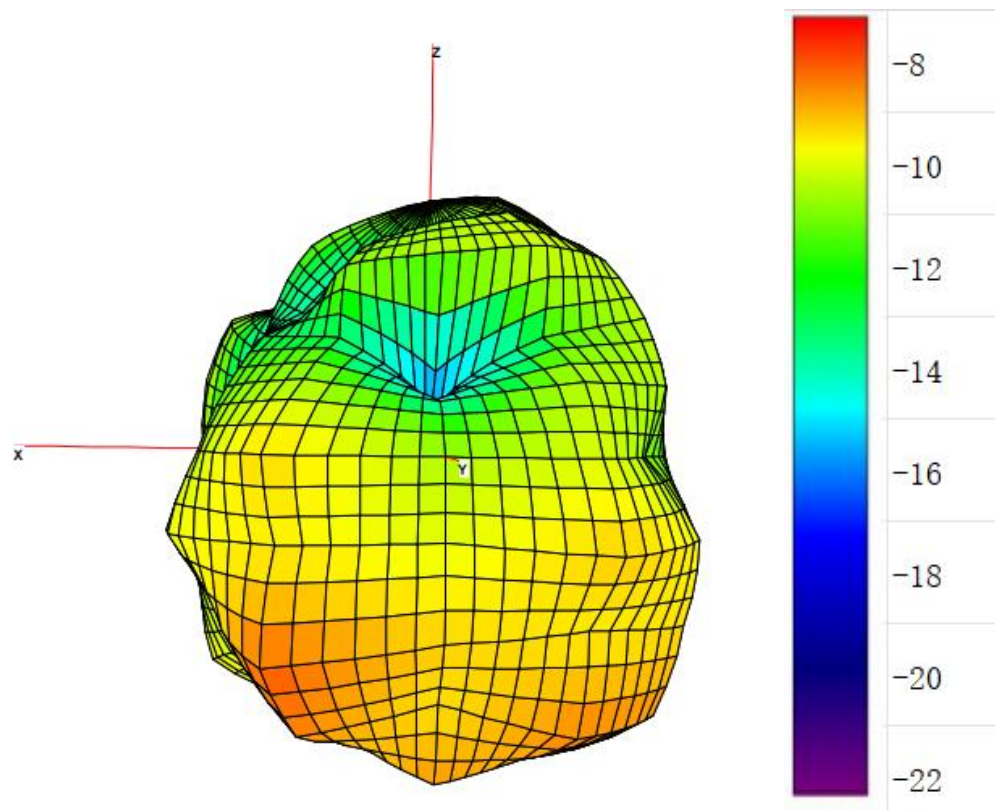
## Summary

|                            |                                                                                   |         |         |          |         |         |
|----------------------------|-----------------------------------------------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                       | ANT SPEC                                                                          |         |         |          |         |         |
| Model Name                 | 2.4G ANT                                                                          |         |         |          |         |         |
| Center<br>Frequency<br>dBi | Horizontal                                                                        |         |         | Vertical |         |         |
|                            | 2400MHz                                                                           | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                            | -8.46                                                                             | -8.46   | -10.82  | -9.06    | -9.7    | -10.58  |
| MAX. Gain                  | -8.46DBI                                                                          |         |         |          |         |         |
| Polarization               | Horizontal and Vertical                                                           |         |         |          |         |         |
| Azimuth Beam<br>Pattern    | Omni-directional                                                                  |         |         |          |         |         |
| Impedance                  | 50 Ohm                                                                            |         |         |          |         |         |
| Antenna Length             | 38.20mm                                                                           |         |         |          |         |         |
| Manufacture                | ZHUHAI JIELI TECHNOLOGY CO.,LTD                                                   |         |         |          |         |         |
| Address                    | 333 Kexing Rd,Nanping Town,Xiangzhou Dist,Zhuhai City,Guangdong<br>Province,China |         |         |          |         |         |

## Antenna Photo & Length (mm)

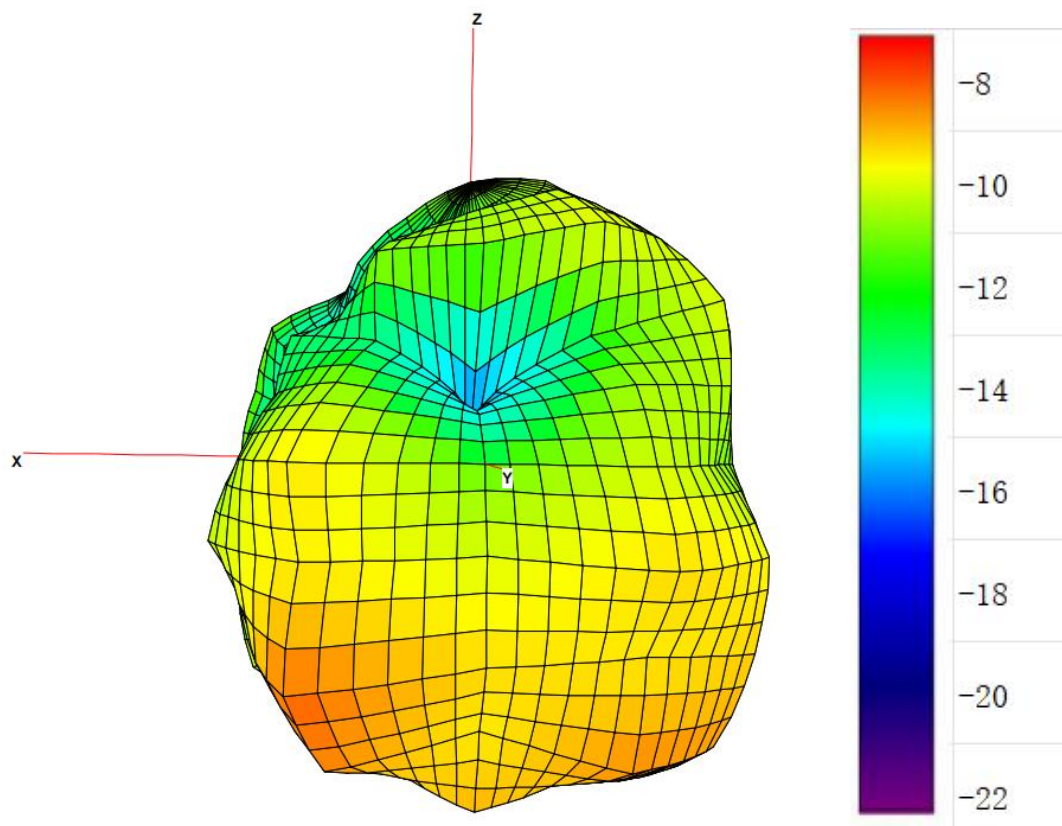


2400MHz  
Horizontal:  
Max: -8.46 Min: -40 Scale: 5/div



| Frequency<br>(MHz) | Gain(dB) |          |          |
|--------------------|----------|----------|----------|
|                    | Max      | Min      | Avg      |
| 2400               | -8.46    | -30.0815 | -8.48713 |
| 2450               | -8.46    | -38.5605 | -7.88012 |
| 2500               | -10.82   | -24.0318 | -6.79139 |

Vertical:  
 Max: -9.06 Min: -30 Scale: 5/div



| Frequency<br>(MHz) | Gain(dB) |          |          |
|--------------------|----------|----------|----------|
|                    | Max      | Min      | Avg      |
| 2400               | -9.06    | -24.1420 | -13.0295 |
| 2450               | -9.7     | -26.5836 | -10.6700 |
| 2500               | -10.58   | -30.4301 | -9.70536 |

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