

# Inverted F Antenna Specification

## Summary

|                         |                                                                                                         |        |        |          |        |        |
|-------------------------|---------------------------------------------------------------------------------------------------------|--------|--------|----------|--------|--------|
| ITEM                    | ANT SPEC                                                                                                |        |        |          |        |        |
| Model Name              | 5.8 G ANT                                                                                               |        |        |          |        |        |
| Center<br>Frequency     | Horizontal                                                                                              |        |        | Vertical |        |        |
|                         | 5730MH                                                                                                  | 5800MH | 5850MH | 5730MH   | 5800MH | 5850MH |
|                         | -1.52                                                                                                   | -0.41  | -0.37  | -5.12    | -2.30  | -1.32  |
| MAX. Gain               | -0.685                                                                                                  |        |        |          |        |        |
| Polarization            | Horizontal and Vertical                                                                                 |        |        |          |        |        |
| Azimuth Beam<br>Pattern | Omni-directional                                                                                        |        |        |          |        |        |
| Impedance               | 50 Ohm                                                                                                  |        |        |          |        |        |
| Antenna Length          | 14.7mm                                                                                                  |        |        |          |        |        |
| Manufacture             | Shenzhen Haisen Technology Co., Ltd                                                                     |        |        |          |        |        |
| Address                 | 1201, Building 2, No.155, Hongtian Road, Huangpu<br>Community,Xinqiao Street, Bao'an District, Shenzhen |        |        |          |        |        |

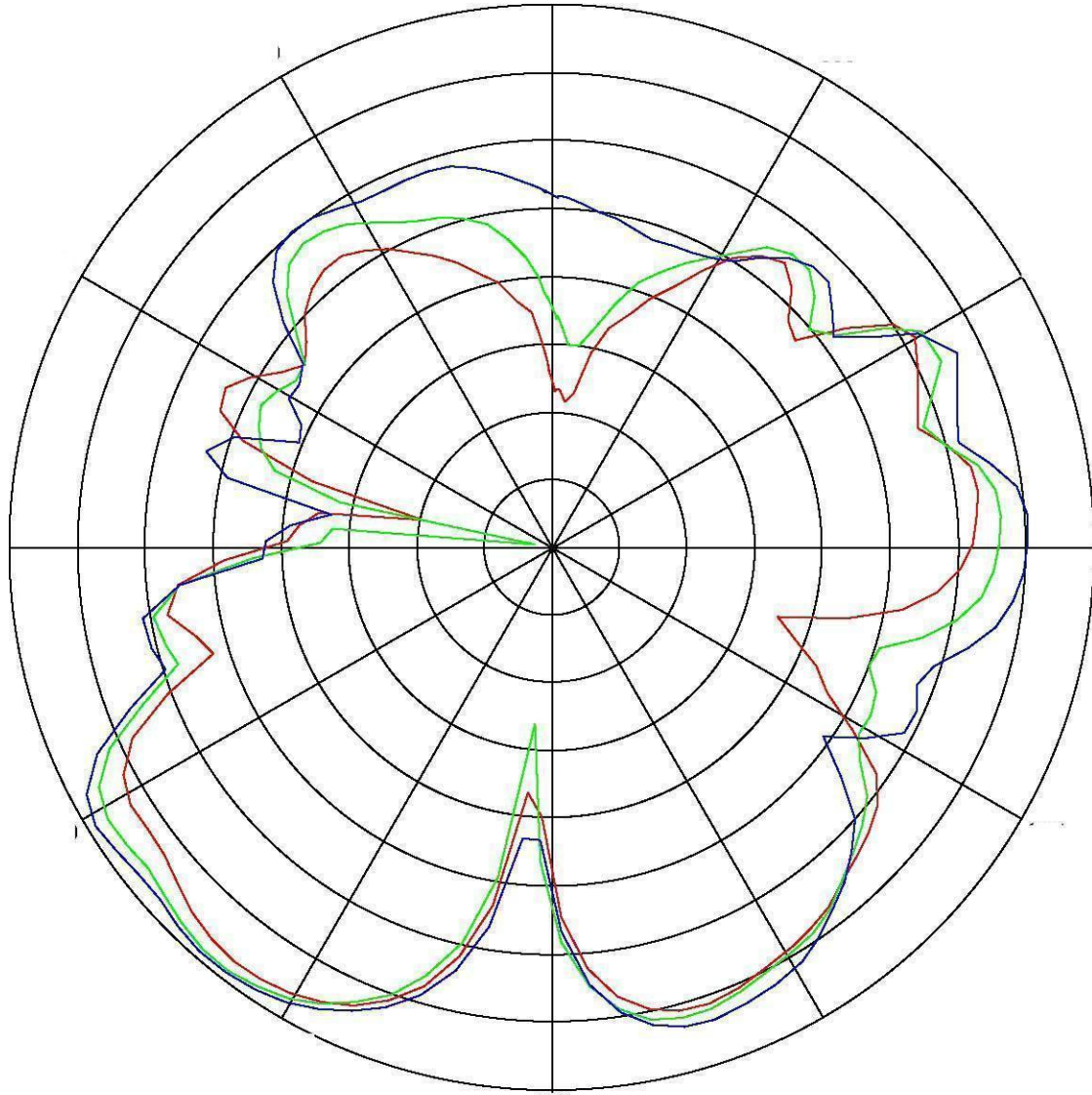
## Antenna Photo & Length (mm)



Horizontal: 5730MHz 25800MHz 5870MHz

Power (dBm)

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

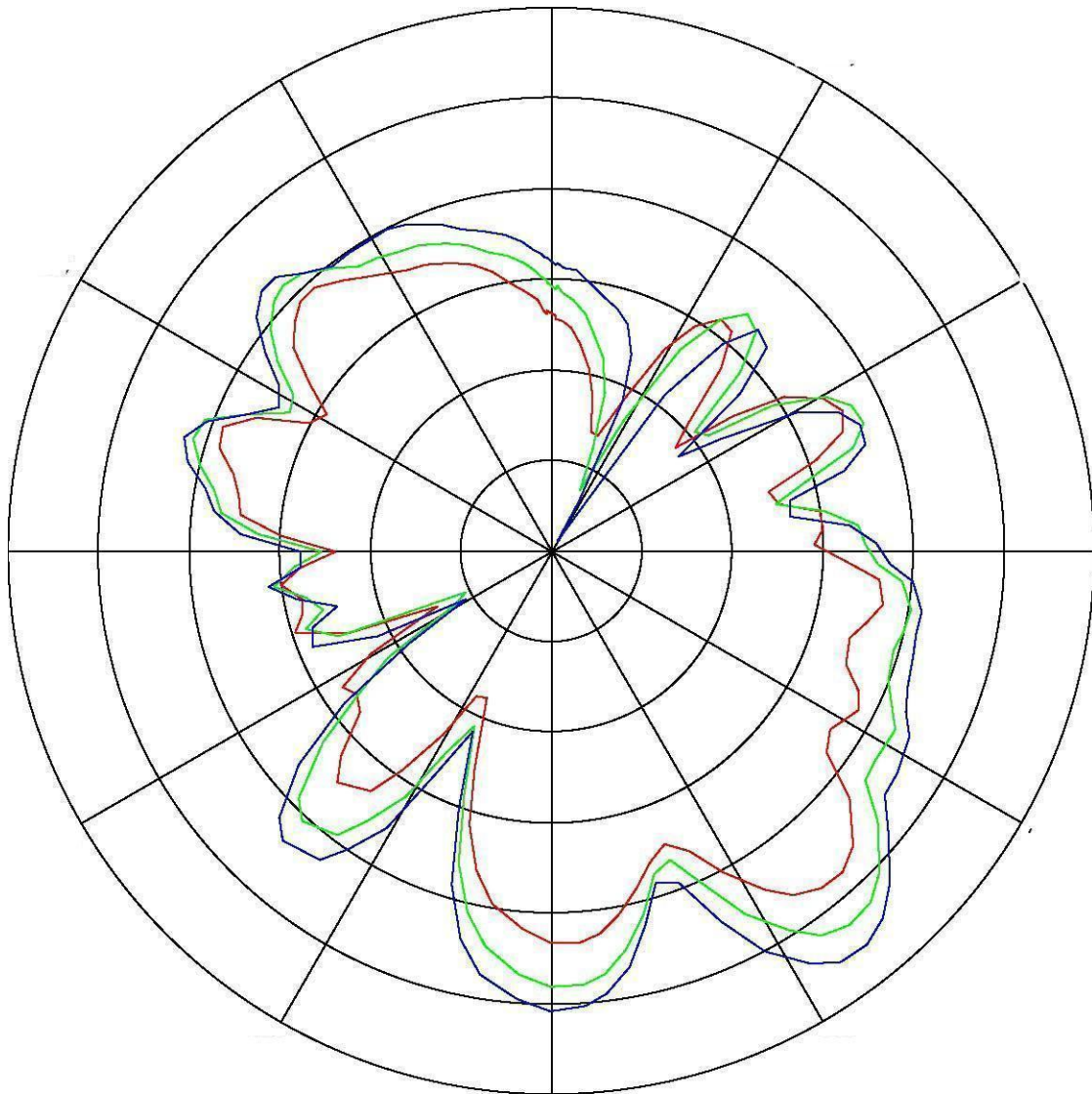


| Freque<br>ncy | Gain(dB) |          |          |
|---------------|----------|----------|----------|
|               | Max      | Min      | Avg      |
| 5730          | -1.731   | -30.0815 | -8.48713 |
| 5800          | -0.845   | -38.5605 | -7.88012 |
| 5850          | -0.685   | -24.0318 | -6.79139 |

Vertical: 5730MHz 5800 MHz 5850 MHz

Power (dBm)

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



| Freque<br>ncy | Gain(dB) |          |          |
|---------------|----------|----------|----------|
|               | Max      | Min      | Avg      |
| 5730          | -6.1530  | -24.1420 | -13.0291 |
| 5800          | -3.7054  | -26.5836 | -10.6740 |
| 5850          | -2.3212  | -30.4301 | -9.70421 |