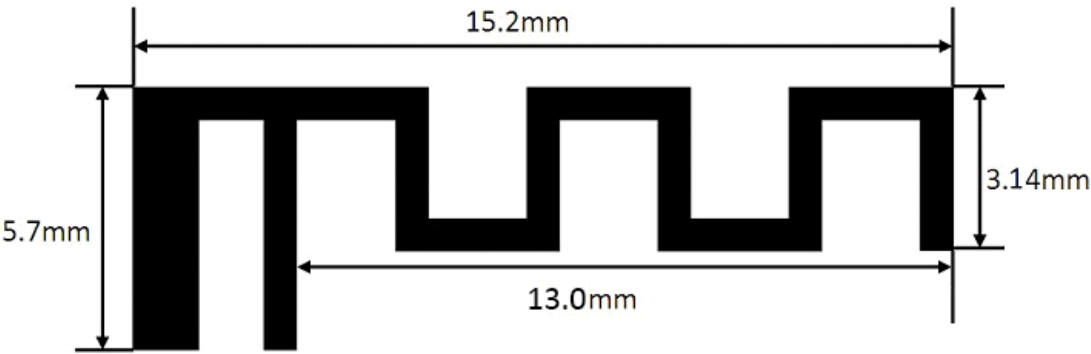


# PCB Antenna

## Summary

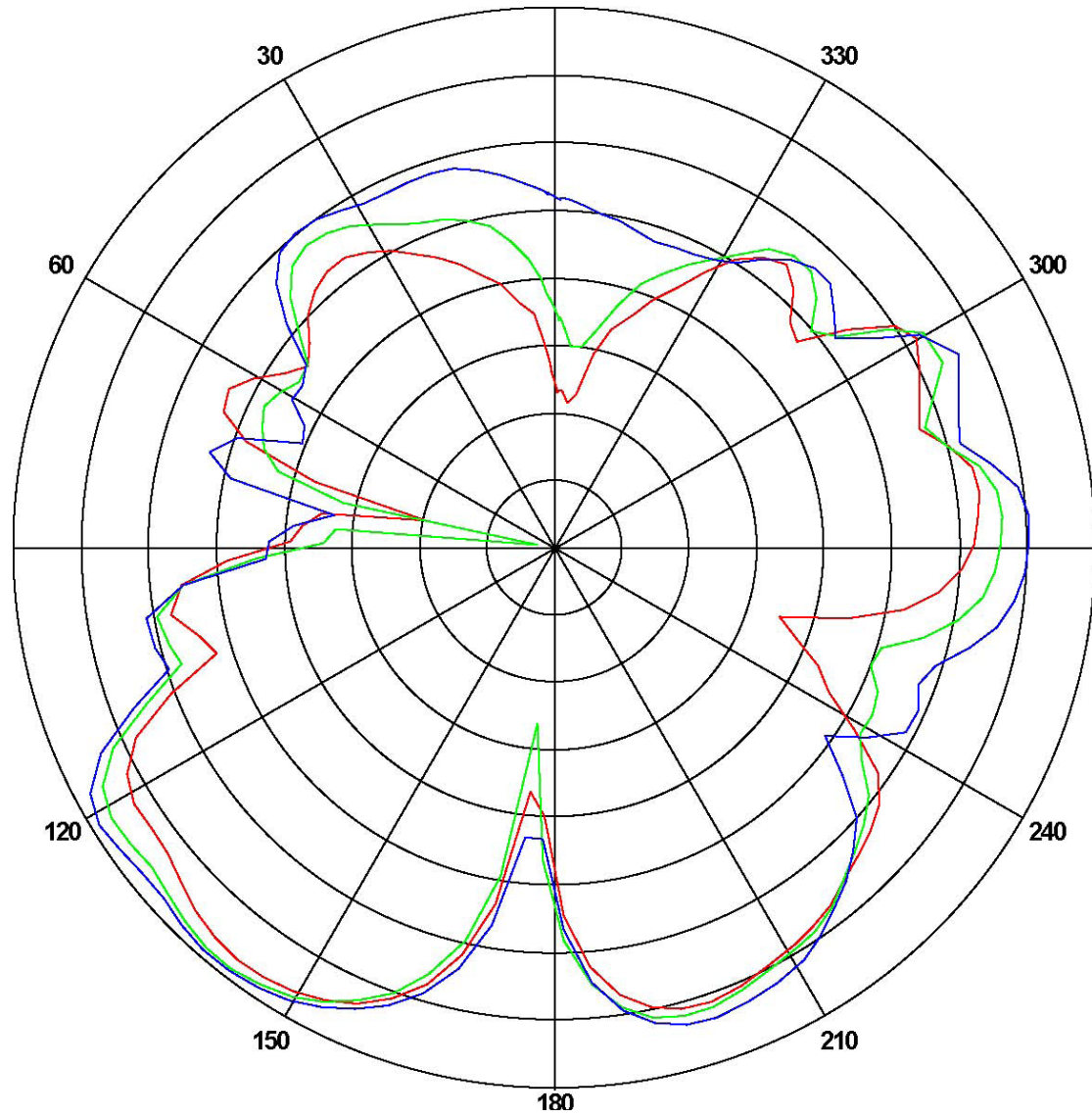
|                                |                                 |         |         |          |         |         |
|--------------------------------|---------------------------------|---------|---------|----------|---------|---------|
| ITEM                           | ANT SPEC                        |         |         |          |         |         |
| Model Name                     | 2.4G ANT                        |         |         |          |         |         |
| Center<br>Frequency<br><br>dBi | Horizontal                      |         |         | Vertical |         |         |
|                                | 2400MHz                         | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                                | -1.26                           | -0.76   | -0.58   | -5.25    | -2.46   | -1.86   |
| MAX. Gain                      | -0.58dBi                        |         |         |          |         |         |
| Polarization                   | Horizontal and Vertical         |         |         |          |         |         |
| Azimuth Beam<br>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

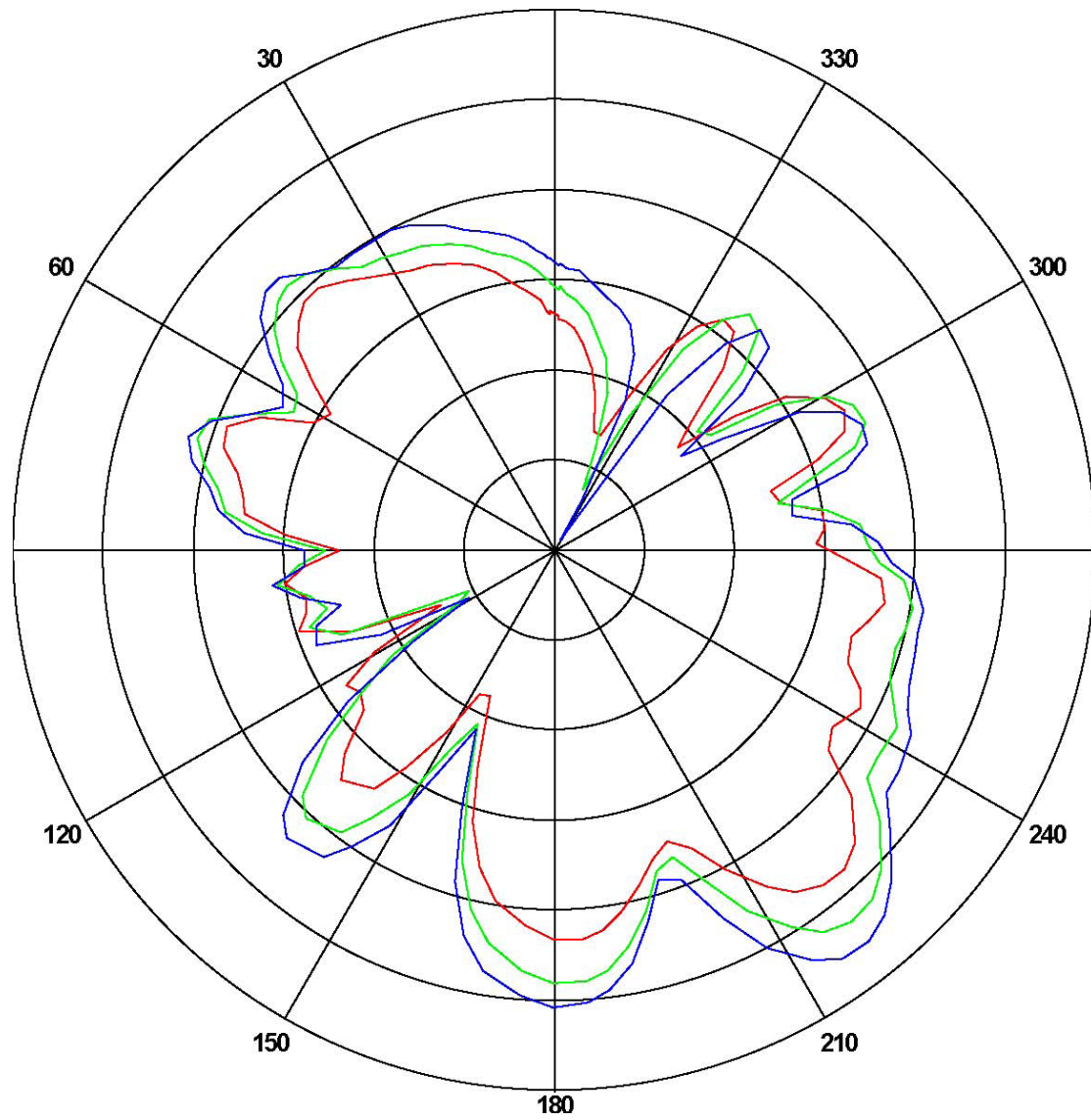
Max: 0 Min: -40 Scale: 5/div



| 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

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 |