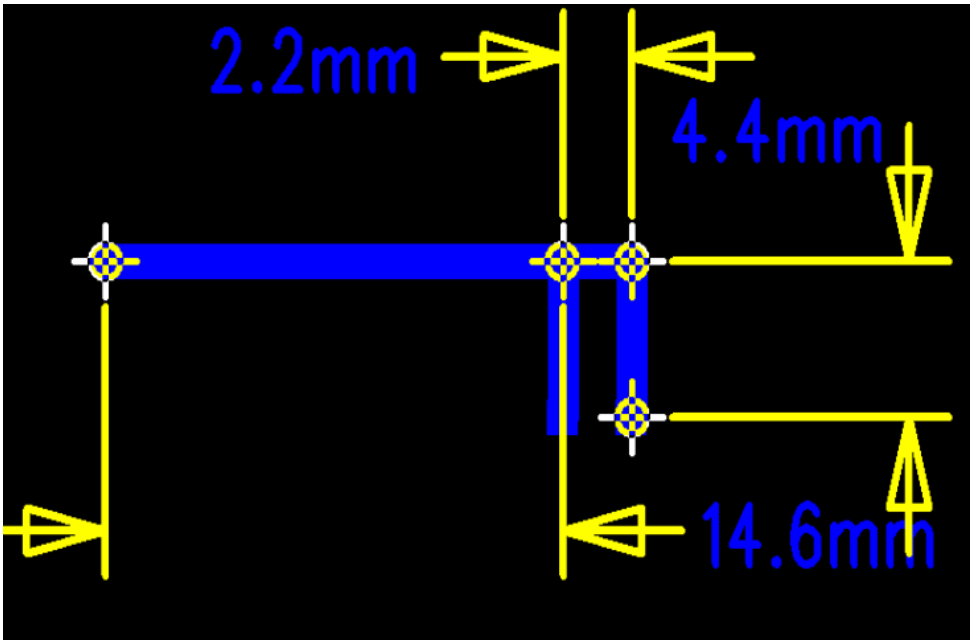


ANTENNA SPECIFICATION

Summary 测试的仪器设备：网络分析仪  
测试公司名称：深圳市意天科技有限公司

|                      |                         |         |         |          |         |         |
|----------------------|-------------------------|---------|---------|----------|---------|---------|
| ITEM                 | ANT SPEC                |         |         |          |         |         |
| Model Name           | 2.4G ANT                |         |         |          |         |         |
| Center Frequency     | Horizontal              |         |         | Vertical |         |         |
|                      | 2400MHz                 | 2400MHz | 2500MHz | 2400MHz  | 2400MHz | 2500MHz |
|                      | -1.73                   | -0.84   | -0.68   | -6.15    | -3.70   | -2.32   |
| MAX. Gain            | 2dBi`                   |         |         |          |         |         |
| Polarization         | Horizontal and Vertical |         |         |          |         |         |
| Azimuth Beam Pattern | Omni-directional        |         |         |          |         |         |
| Impedance            | 50 Ohm                  |         |         |          |         |         |
|                      | 65 mm                   |         |         |          |         |         |
| Manufacture          |                         |         |         |          |         |         |

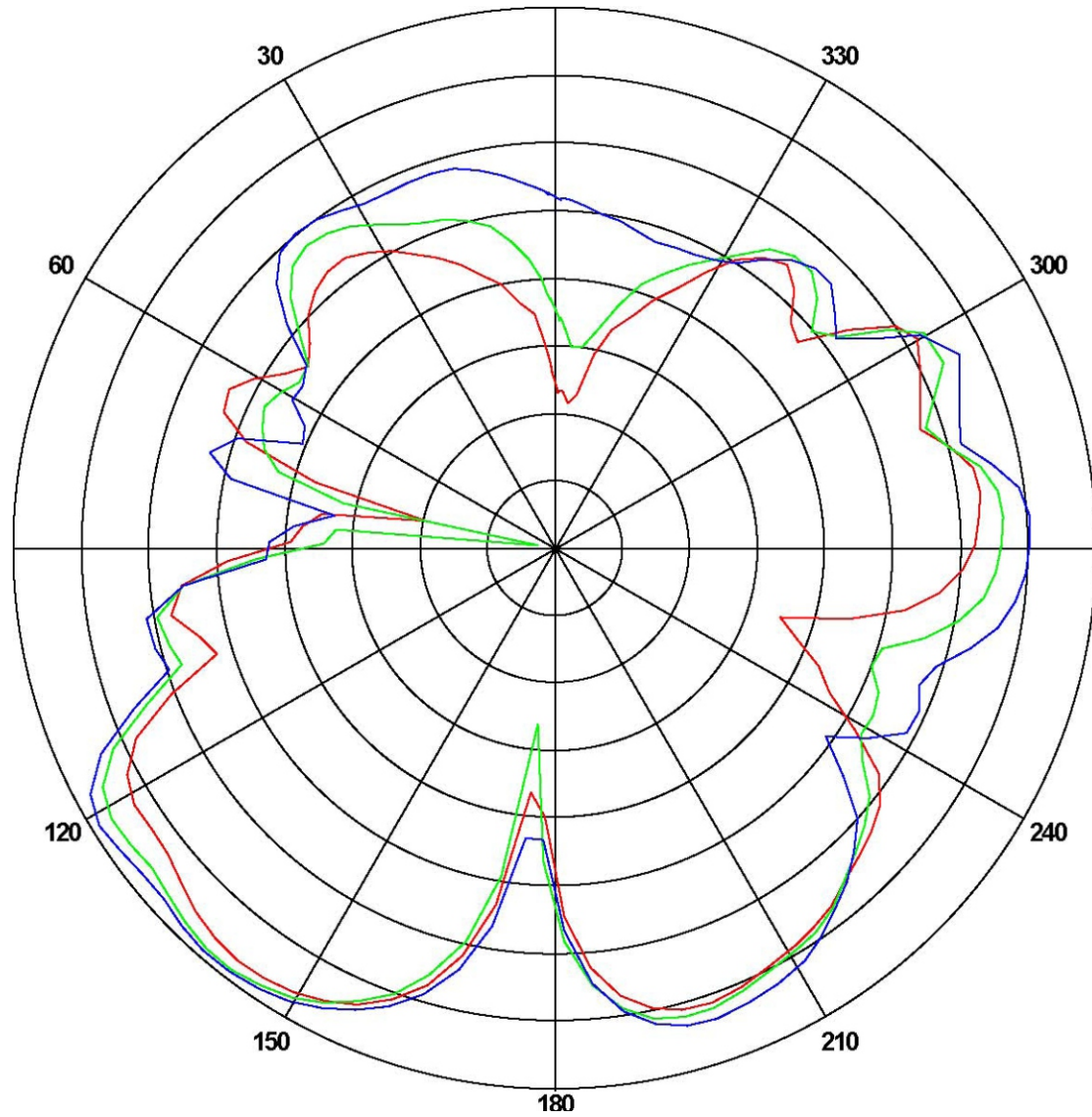
Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

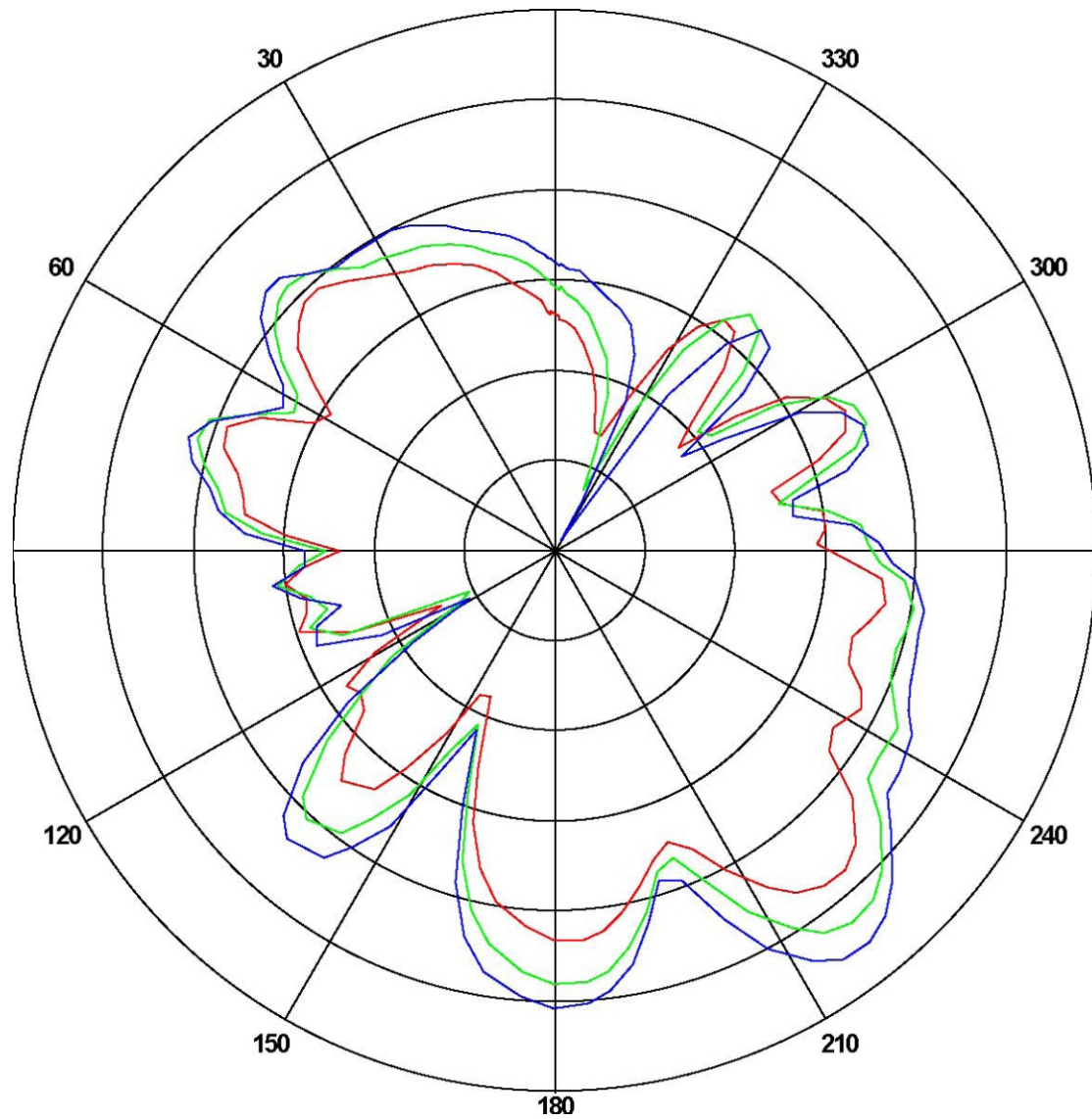


| Frequency<br>(MHz) | Gain(dB)  |           |          |
|--------------------|-----------|-----------|----------|
|                    | Max       | Min       | Avg      |
| 2400               | -1.72156  | -29.8819  | -8.39625 |
| 2450               | -0.845703 | -0.844965 | -7.93152 |
| 2500               | -0.676268 | -0.676356 | -6.78931 |

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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



| Frequency<br>(MHz) | Gain(dB) |          |          |
|--------------------|----------|----------|----------|
|                    | Max      | Min      | Avg      |
| 2400               | -6.1620  | -23.9521 | -13.0187 |
| 2450               | -3.7062  | -26.5628 | -10.6642 |
| 2500               | -2.32131 | -30.2595 | -9.70265 |