

## ANTENNA SPECIFICATION

### Summary

|                          |                                                                                                                       |         |         |          |         |         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|---------|---------|----------|---------|---------|
| ITEM                     | ANT SPEC                                                                                                              |         |         |          |         |         |
| Model Name               | 2.4G ANT                                                                                                              |         |         |          |         |         |
| Antenna plate            | PCB antenna                                                                                                           |         |         |          |         |         |
| Center Frequency         | Horizontal                                                                                                            |         |         | Vertical |         |         |
|                          | 2400MHz                                                                                                               | 2450MHz | 2500MHz | 2400MHz  | 2450MHz | 2500MHz |
|                          | -1.66                                                                                                                 | -0.84   | 0       | -6.16    | -3.65   | -2.21   |
| MAX. Gain                | 0dBi                                                                                                                  |         |         |          |         |         |
| Polarization             | Horizontal and Vertical                                                                                               |         |         |          |         |         |
| Impedance                | 50 Ohm                                                                                                                |         |         |          |         |         |
| Manufacturer:            | SHENZHEN ZEALOT DIGITAL TECHNOLOGY CO.,LTD                                                                            |         |         |          |         |         |
| Address of Manufacturer: | 401,501,building 3,NO.8,Yong Tai Road,east District,BaiShi xia Community,Fu Yong street,BaoAn District,ShenZhen China |         |         |          |         |         |

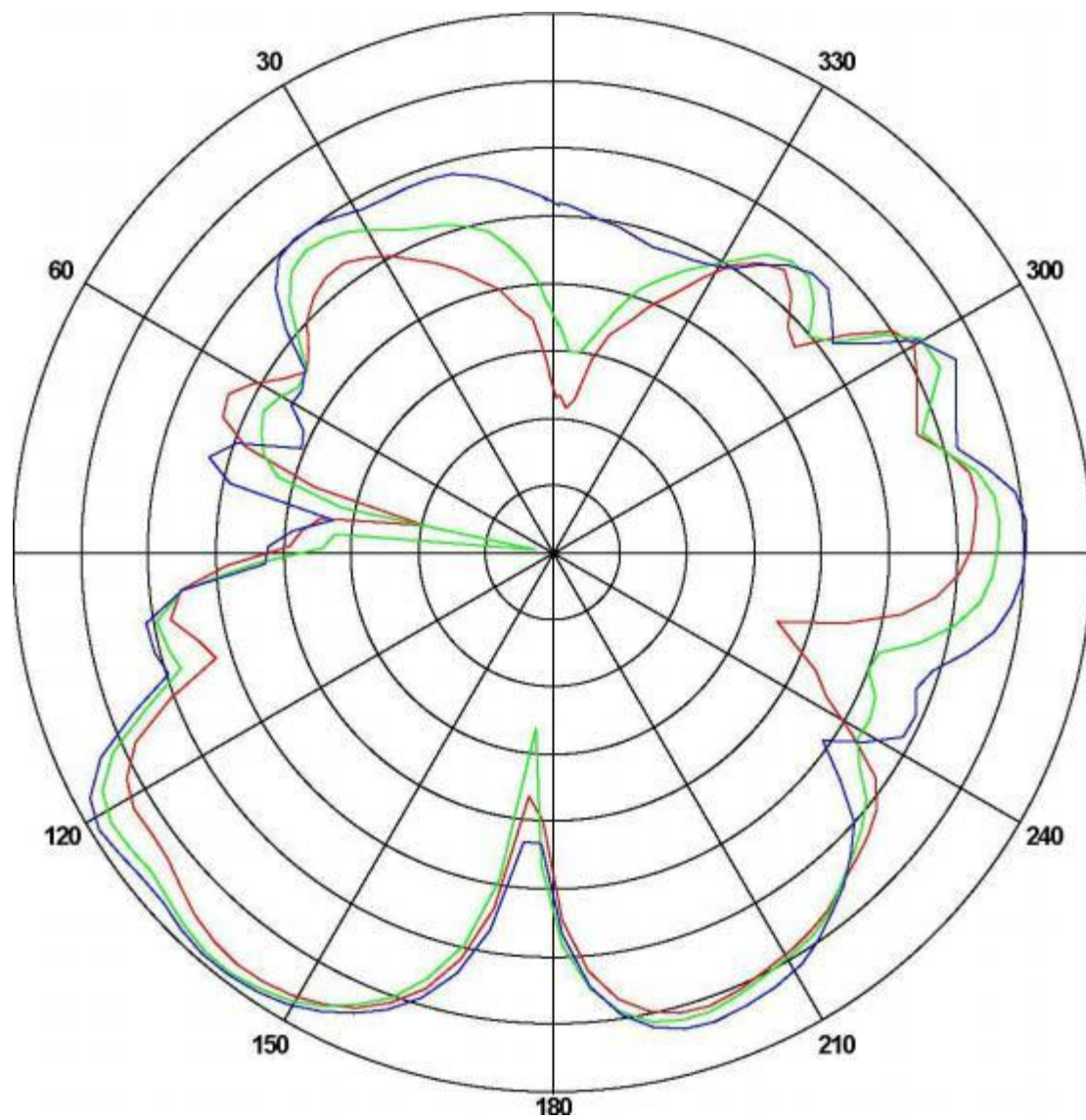
Antenna Photo



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

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

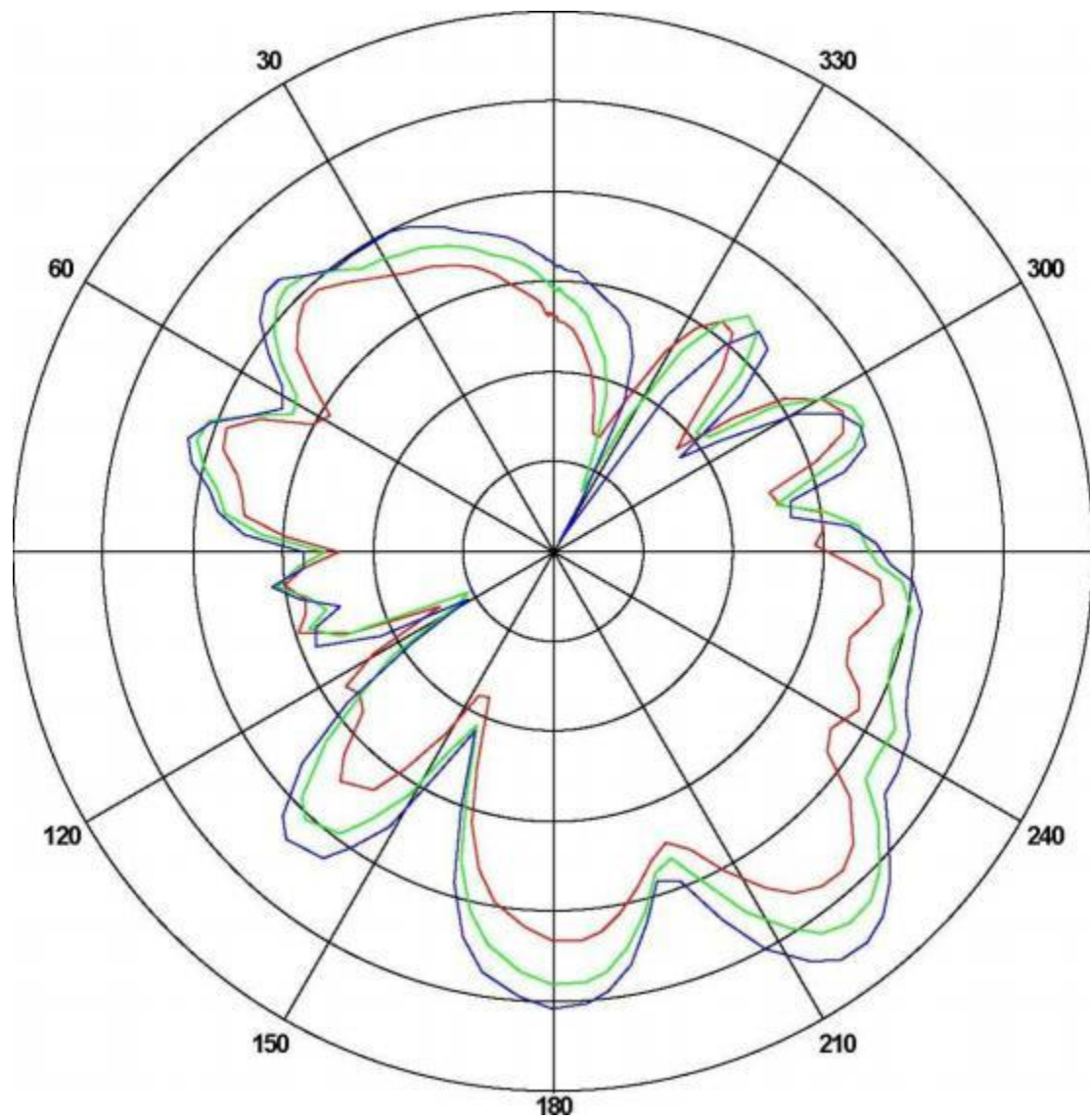


| Frequency<br>(MHz) | Gain(dBi) |          |          |
|--------------------|-----------|----------|----------|
|                    | Max.      | Min      | Avg.     |
| 2400               | -1.66179  | -30.2813 | -8.78713 |
| 2450               | -0.847811 | -38.7595 | -7.87812 |
| 2500               | -0.000000 | -23.6329 | -6.99139 |

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               | -6.1623   | -23.1425 | -12.5295 |
| 2450               | -3.6534   | -26.2866 | -10.6699 |
| 2500               | -2.21101  | -29.4381 | -9.58526 |