

### Antenna specification

company name:Dongguan Changping KuoDa Spring metals Products Factory

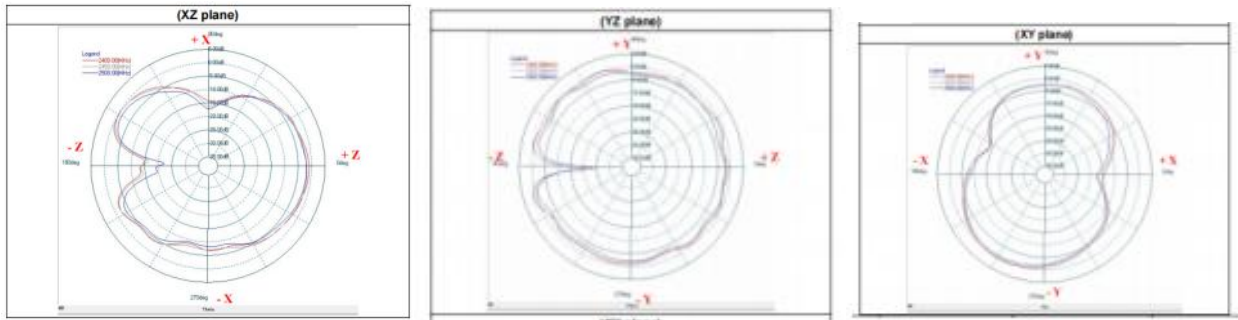
company address:NO.38,Shang Keng One Road,ChangPing,DongGuan,GuangDong,China

Specifications

|                         | Specification    |
|-------------------------|------------------|
| Working Frequency Range | 2400MHz-2500MHz  |
| Gain                    | 2.0dBi           |
| VSWR                    | $\leq 1.8$       |
|                         | Linrar           |
| Azimuth Beamwidth       | Omni-directional |
| Impedance               | 50 $\Omega$      |
| Operation Temperature   | -40℃~85℃         |



Length 19mm and Width 4mm



|                | ZX plane       |              | ZY plane       |              | XY plane       |              |
|----------------|----------------|--------------|----------------|--------------|----------------|--------------|
| Frequency[MHz] | Max Value[dBi] | Average[dBi] | Max Value[dBi] | Average[dBi] | Max Value[dBi] | Average[dBi] |
| 2412           | 0.61           | 0.23         | 0.54           | -0.25        | 0.59           | -1.44        |

|                | ZX plane       |              | ZY plane       |              | XY plane       |              |
|----------------|----------------|--------------|----------------|--------------|----------------|--------------|
| Frequency[MHz] | Max Value[dBi] | Average[dBi] | Max Value[dBi] | Average[dBi] | Max Value[dBi] | Average[dBi] |
| 2442           | 1.22           | 0.68         | 1.06           | -0.39        | 1.71           | 1.64         |

|                | ZX plane       |              | ZY plane       |              | XY plane       |              |
|----------------|----------------|--------------|----------------|--------------|----------------|--------------|
| Frequency[MHz] | Max Value[dBi] | Average[dBi] | Max Value[dBi] | Average[dBi] | Max Value[dBi] | Average[dBi] |
| 2462           | 0.30           | -2.23        | 2.00           | 1.01         | 1.40           | -0.66        |