

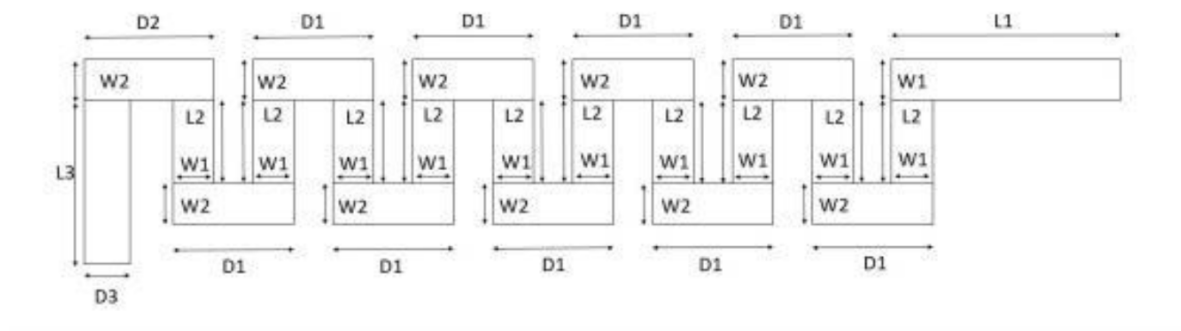
## Antenna describe

### 1. Antenna describe:

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| Antenna plate        | PCB ANTENNA                                                                            |
| Make name/model name | PDT-002                                                                                |
| Antenna gain         | 0dBi                                                                                   |
| Frequency range      | 2402MHZ-2480MHZ                                                                        |
| Connector type       | direct                                                                                 |
| Manufacturer Name:   | DONGGUANG XIAOKE<br>INDUSTRLES.CO.,LTD                                                 |
| Manufacture Address: | NO. 227, DONGCHENG SECTION,<br>GUANDONG ROAD, DONGCHENG<br>STREET, DONGGUAN CITY,CHINA |

### 2.External view drawing:

## Picture of antenna



Antenna Dimensions

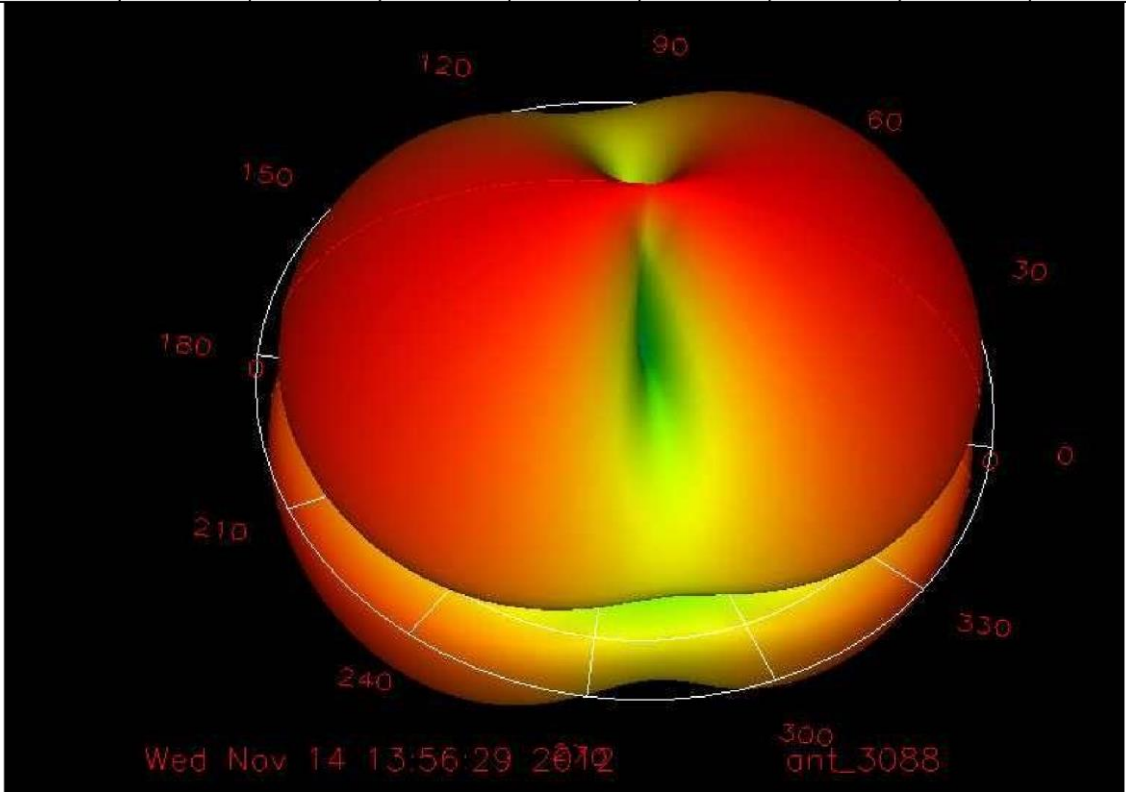
|    |         |
|----|---------|
| L1 | 2.15 mm |
| L2 | 1.20 mm |
| L3 | 1.95 mm |
| W1 | 0.35 mm |
| W2 | 0.35 mm |
| D1 | 1.25 mm |
| D2 | 1.65 mm |
| D3 | 0.50 mm |

## 3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Average Gain:-0.475dbi

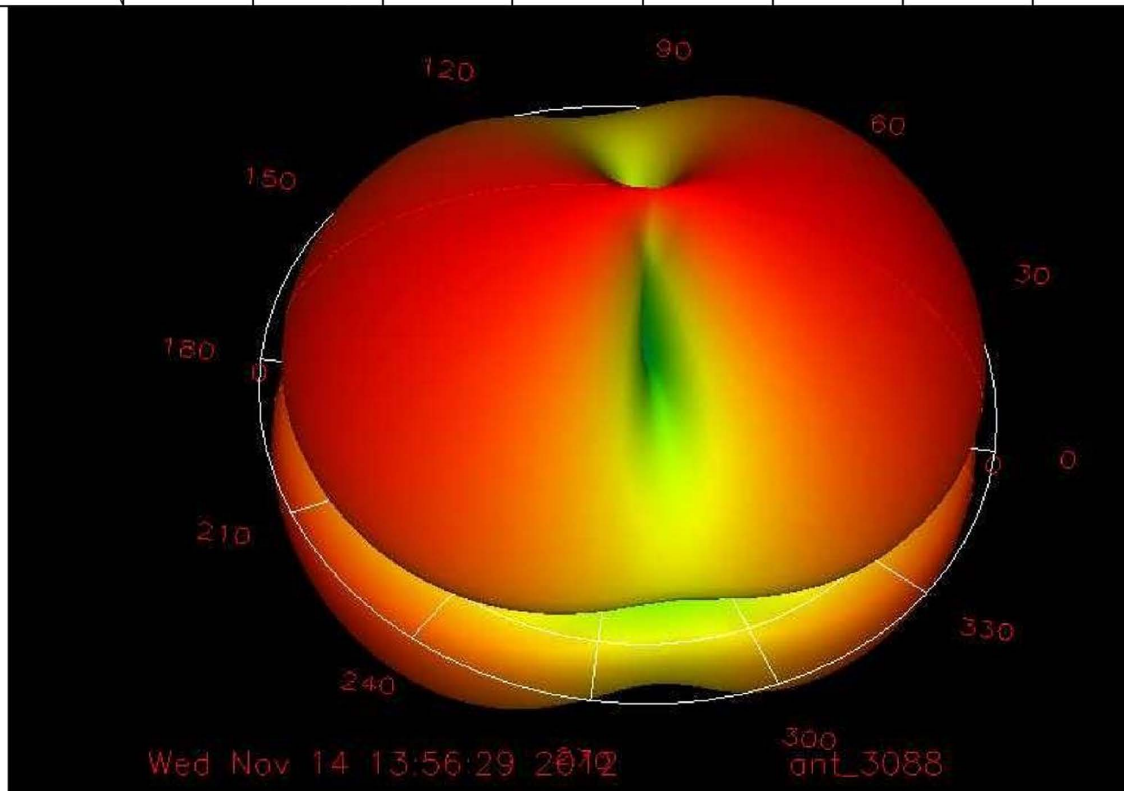
| Phi  | 0    | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------|------|------|------|------|------|------|------|------|
| Gain | -0.2 | -0.3 | -0.8 | -0.5 | -0.2 | -0.5 | -0.8 | -0.5 |



Radiation pattern@2.440GHZ

Total Average Gain: -0.275dbi

| Phi  | 0 | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------|---|------|------|------|------|------|------|------|
| Gain | 0 | -0.2 | -0.4 | -0.6 | -0.1 | -0.3 | -0.6 | -0.4 |



Radiation pattern@2.480GHZ

Total Average Gain:-0.237dbi

| Phi  | 0 | 45   | 90   | 135  | 180 | 235  | 270  | 315  |
|------|---|------|------|------|-----|------|------|------|
| Gain | 0 | -0.2 | -0.3 | -0.5 | 0   | -0.3 | -0.6 | -0.2 |

