

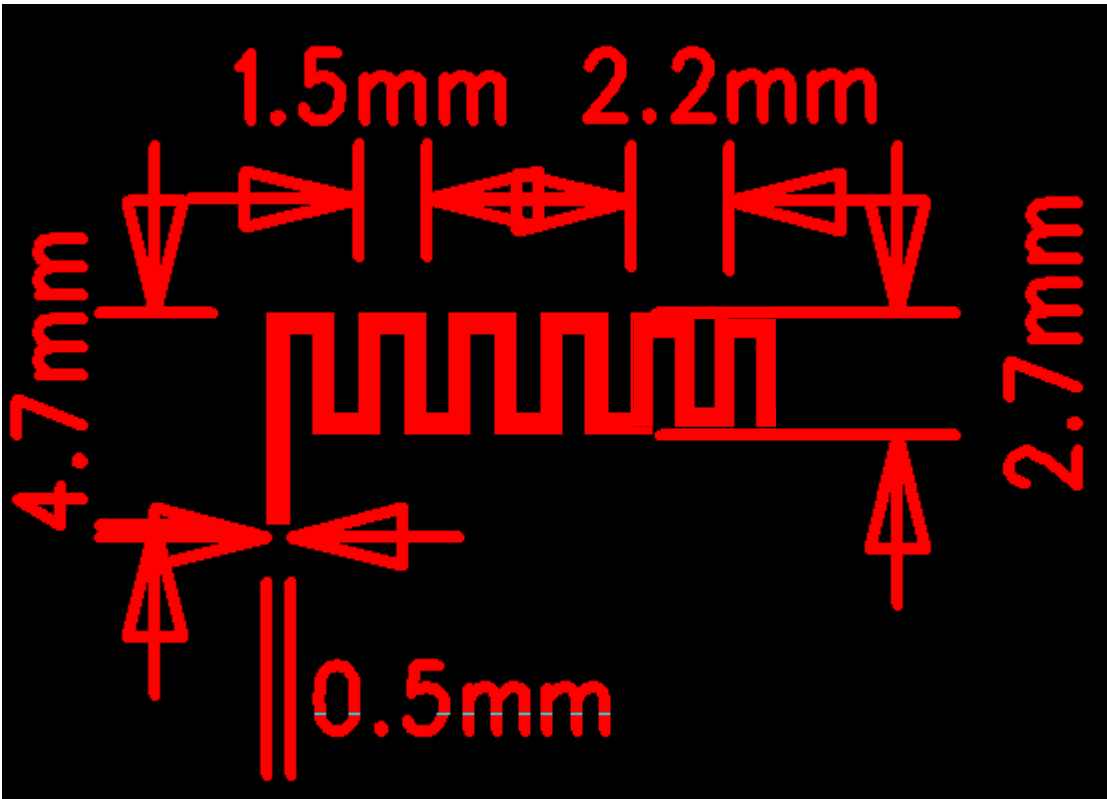
Antenna describe

1. Antenna describe:

|                      |                                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna plate        | Monoploe antenna                                                                                                                                           |
| Make name/model name | CG621                                                                                                                                                      |
| Antenna gain         | 0.5dBi                                                                                                                                                     |
| Frequency range      | 2.4GHZ-2.483GHZ                                                                                                                                            |
| Connector type       | direct                                                                                                                                                     |
| company name         | Shenzhen ADDX Innovation Technology co., LTD<br>NO. 2902, Building 9A-1. Shenzhen Bay Technology and Ecological<br>Park, Nanshan District, Shenzhen, China |

2. External view drawing:

Picture of antenna

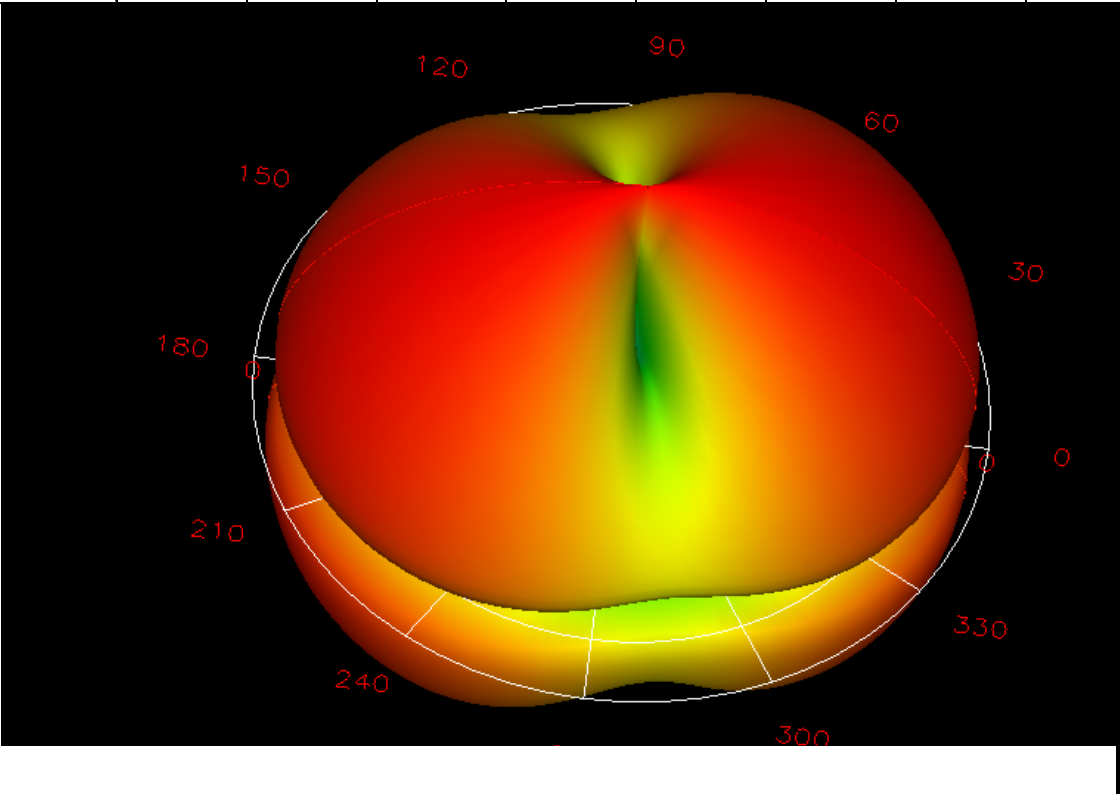


3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Peak Gain:0.5dbi

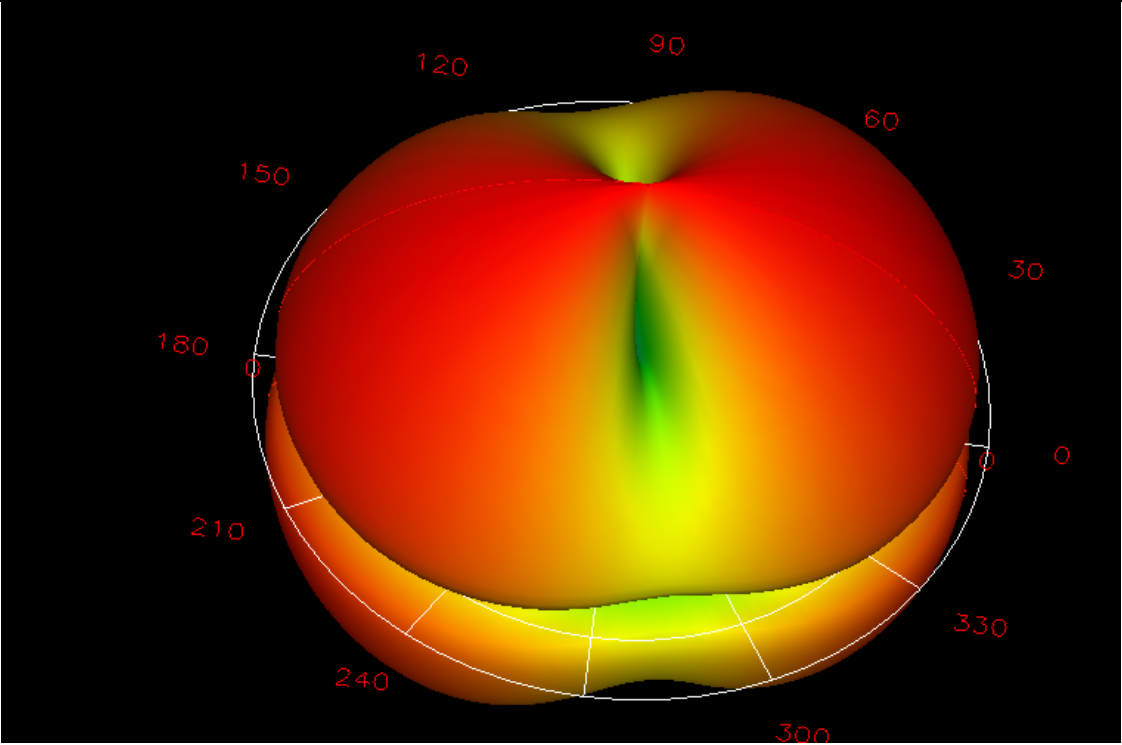
| Phi  | 0   | 45   | 90   | 135   | 180  | 235  | 270  | 315  |
|------|-----|------|------|-------|------|------|------|------|
| Gain | 0.5 | -0.3 | -0.8 | -0.18 | 0.26 | -0.6 | -0.8 | -0.5 |



Radiation pattern@2.441GHZ

Total **Peak** Gain:0. 47dbi

| Phi  | 0 | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------|---|------|------|------|------|------|------|------|
| Gain | 0 | 0.47 | -0.3 | -0.6 | 0.25 | -0.2 | -0.6 | -0.4 |



Radiation pattern@2.480GHZ

Total **Peak** Gain:0.237dbi

| Phi  | 0 | 45    | 90   | 135  | 180 | 235  | 270  | 315  |
|------|---|-------|------|------|-----|------|------|------|
| Gain | 0 | 0.237 | -0.2 | -0.5 | 0   | -0.3 | -0.6 | -0.2 |

