

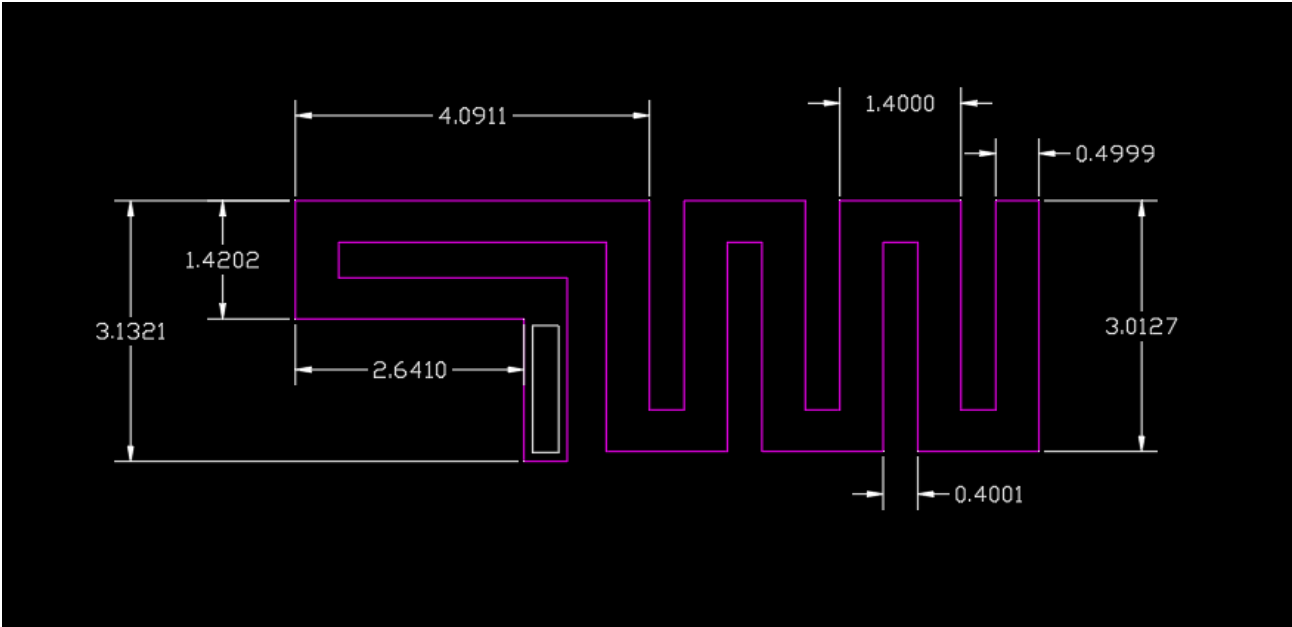
Antenna describe

1. Antenna describe:

|                      |                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna plate        | PCB Antenna                                                                                                                                               |
| Make name/model name | CG625                                                                                                                                                     |
| Antenna gain         | 0.5dBi                                                                                                                                                    |
| Frequency range      | 2.4GHZ-2.483GHZ                                                                                                                                           |
| manufacturer         | SHENZHEN HOPESEARCH PCB<br>MANUFACTURING CO.,LTD                                                                                                          |
| address              | Building 9, Shalan Tian Science &<br>Technology Park (or Blue Sky Tech<br>Park), Ditang Road, Shajing<br>Subdistrict, Bao'an District,<br>Shenzhen, China |

2. External view drawing:

Picture of antenna

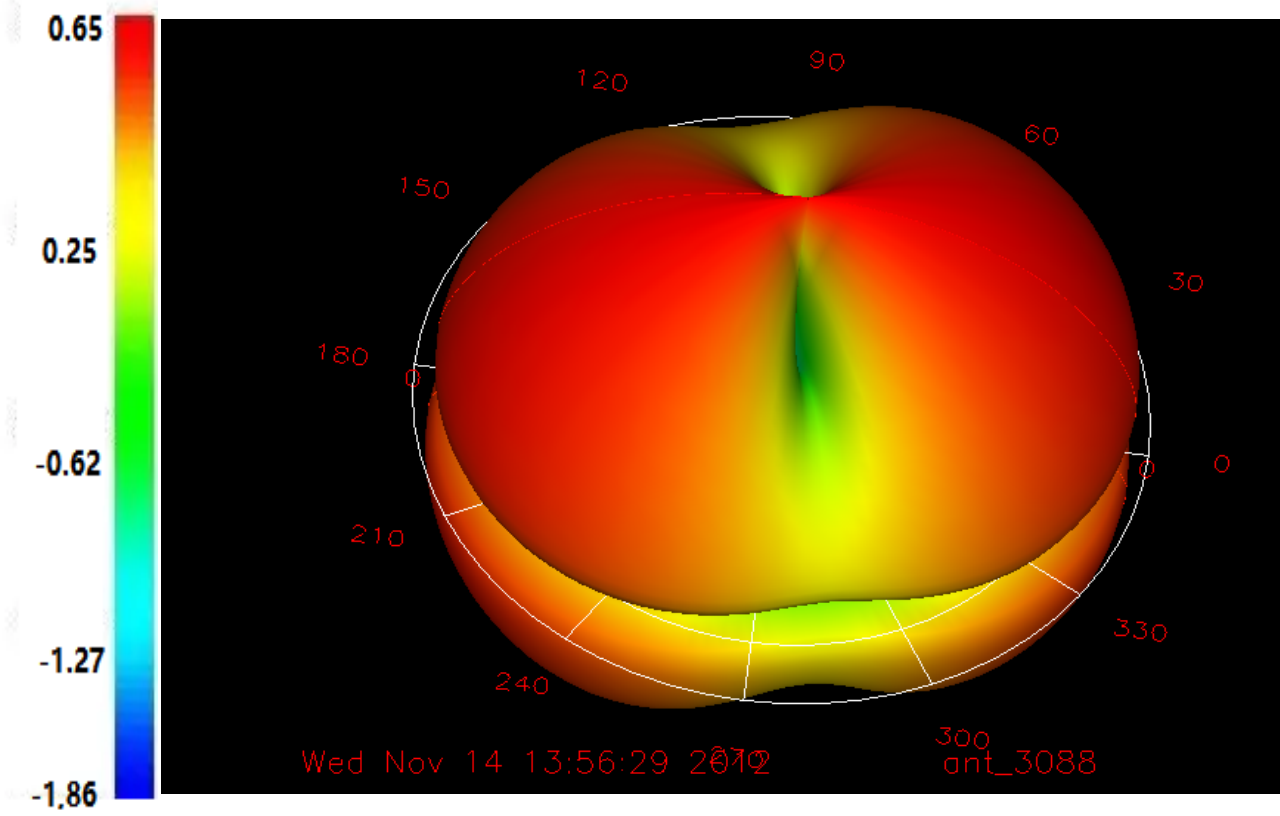


3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Peak Gain:0.5dbi

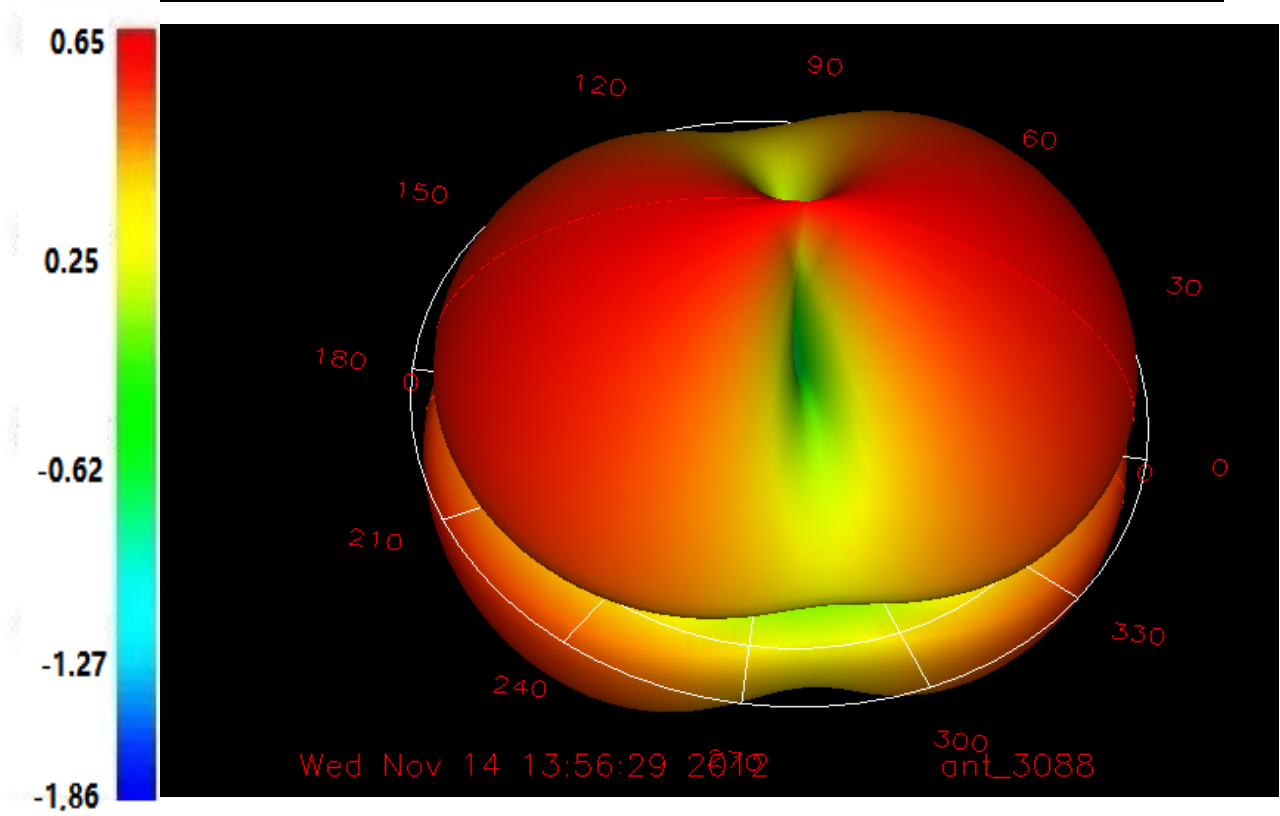
| Phi  | 0   | 45   | 90   | 135   | 180  | 235  | 270  | 315  |
|------|-----|------|------|-------|------|------|------|------|
| Gain | 0.5 | -0.3 | -0.8 | -0.18 | 0.26 | -0.6 | -0.8 | -0.5 |



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 |

