

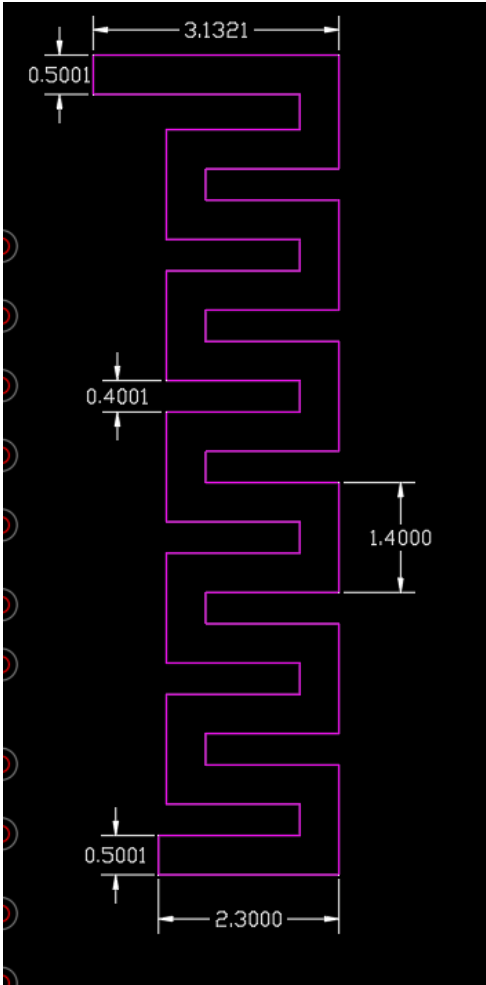
Antenna describe

1. Antenna describe:

|                                        |                                                 |
|----------------------------------------|-------------------------------------------------|
| Antenna plate                          | PCB Antenna                                     |
| Make name/model name                   | SS113                                           |
| Antenna gain                           | 0.5dBi                                          |
| Frequency range                        | 2.4GHZ-2.483GHZ                                 |
| Connector type                         | direct                                          |
| Location of<br>mearement(company name) | Shenzhen ADDX Innovation<br>Technology co., LTD |

2.External view drawing:

Picture of antenna

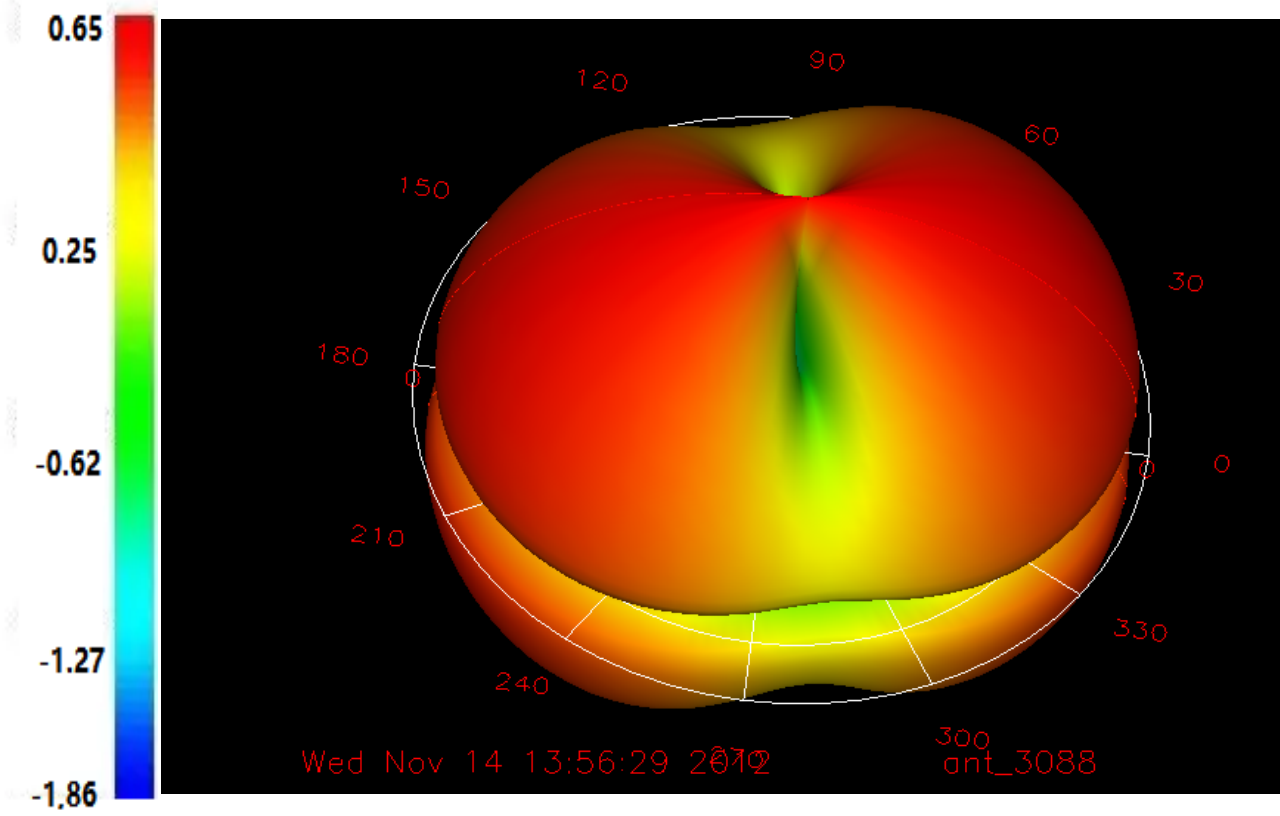


3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Peak Gain:0.5dbi

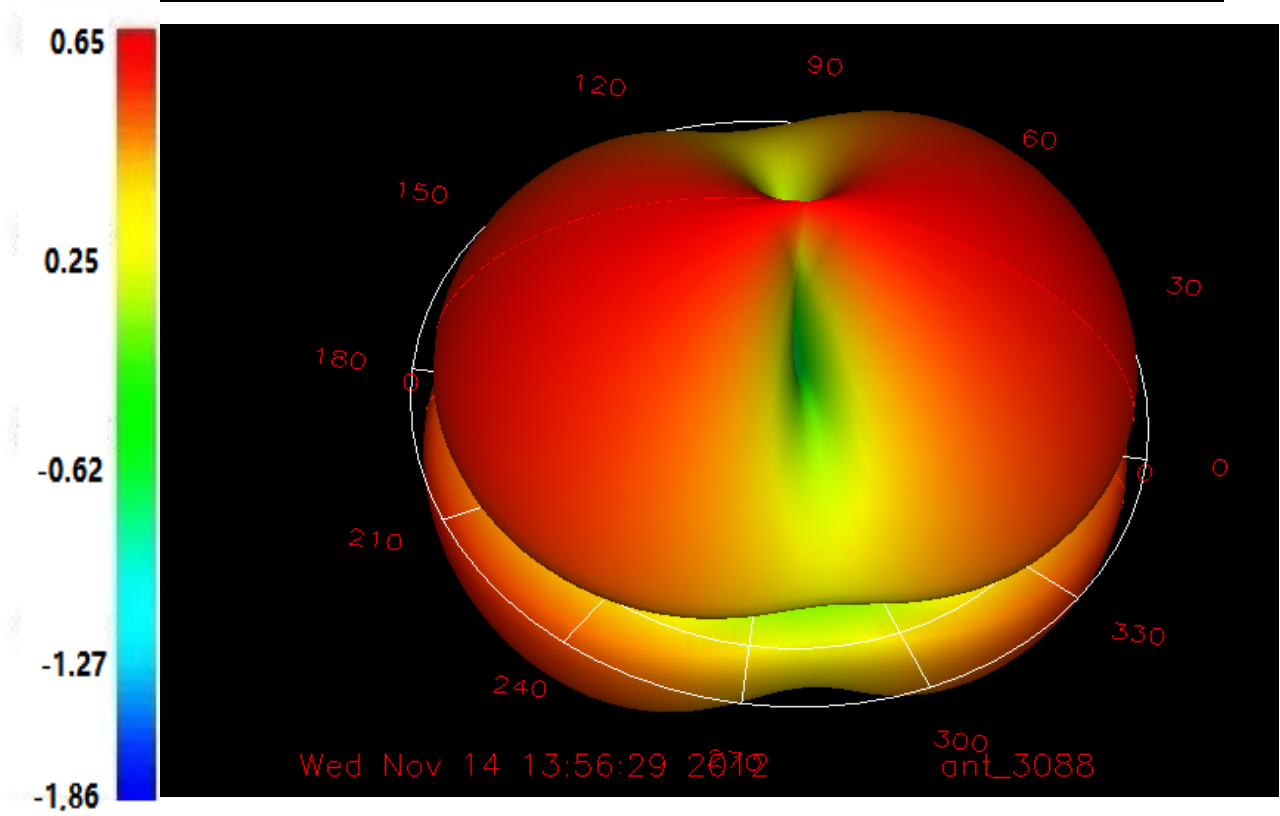
| Phi  | 0   | 45   | 90   | 135   | 180  | 235  | 270  | 315  |
|------|-----|------|------|-------|------|------|------|------|
| Gain | 0.5 | -0.3 | -0.8 | -0.18 | 0.26 | -0.6 | -0.8 | -0.5 |



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 |

