

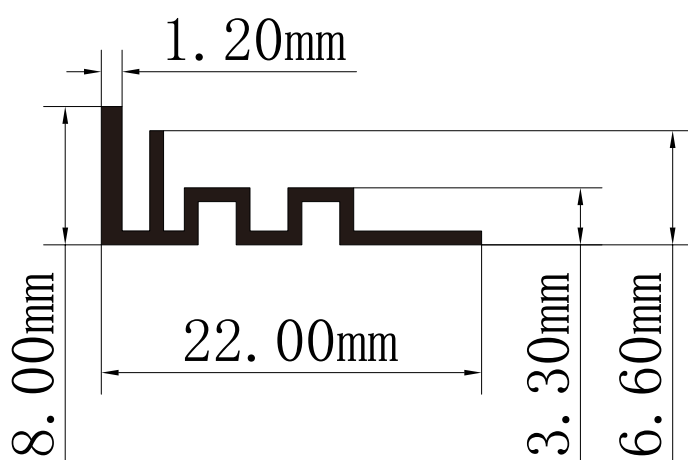
# Antenna describe

## 1 Antenna describe:

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Antenna plate                         | PCB antenna                        |
| Make name/model name                  | LX-D02                             |
| Antenna gain                          | 0dBi                               |
| Frequency range                       | 2.4GHZ-2.480GHZ                    |
| Connector type                        | direct                             |
| Location of measurement(company name) | Shenzhen SVAKOM Technology Co.,Ltd |

## 2 External view drawing:

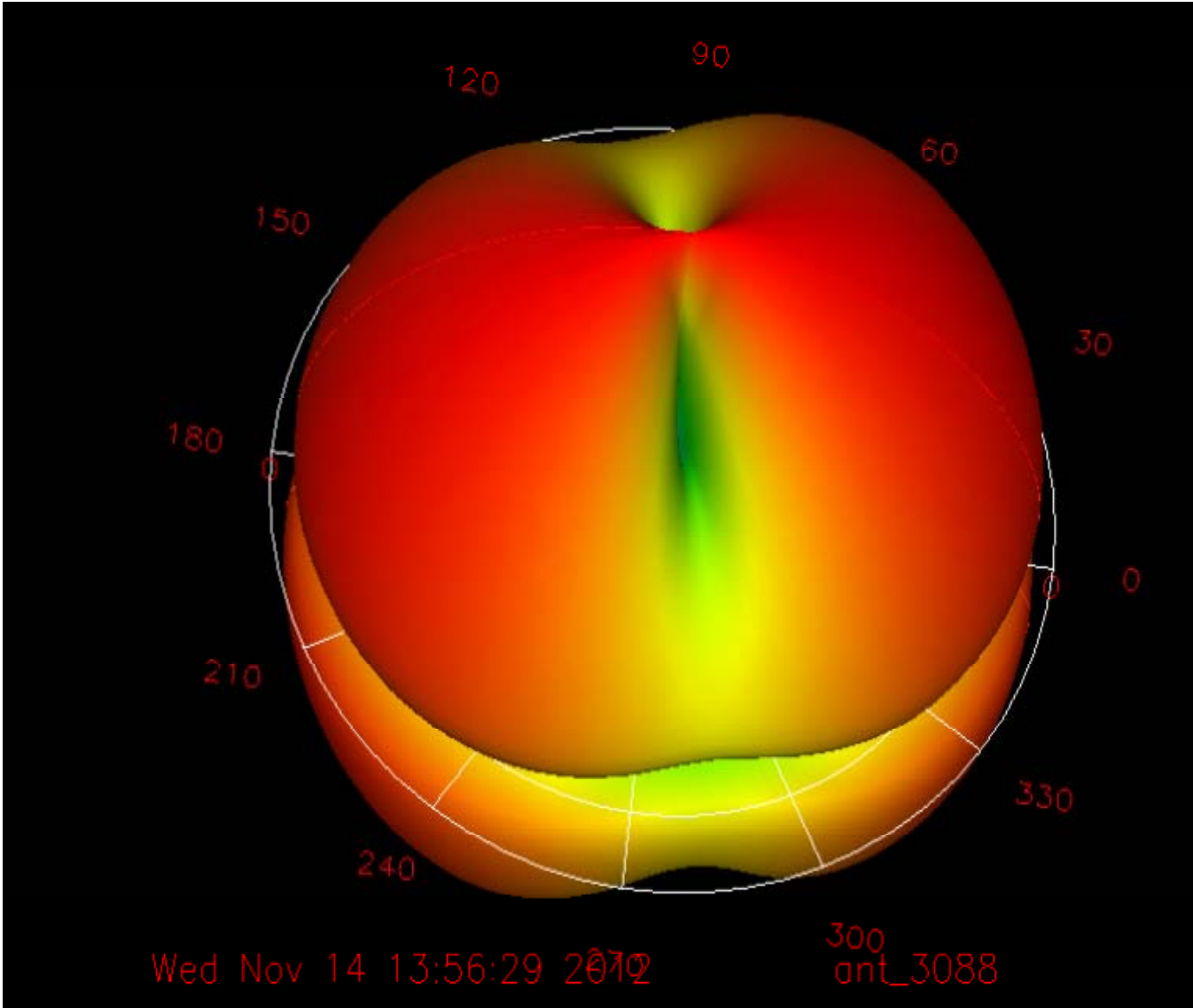
picture of antenna



### 3 Antenna Radiation Parrerm

Radiation pattern@2.402GHZ

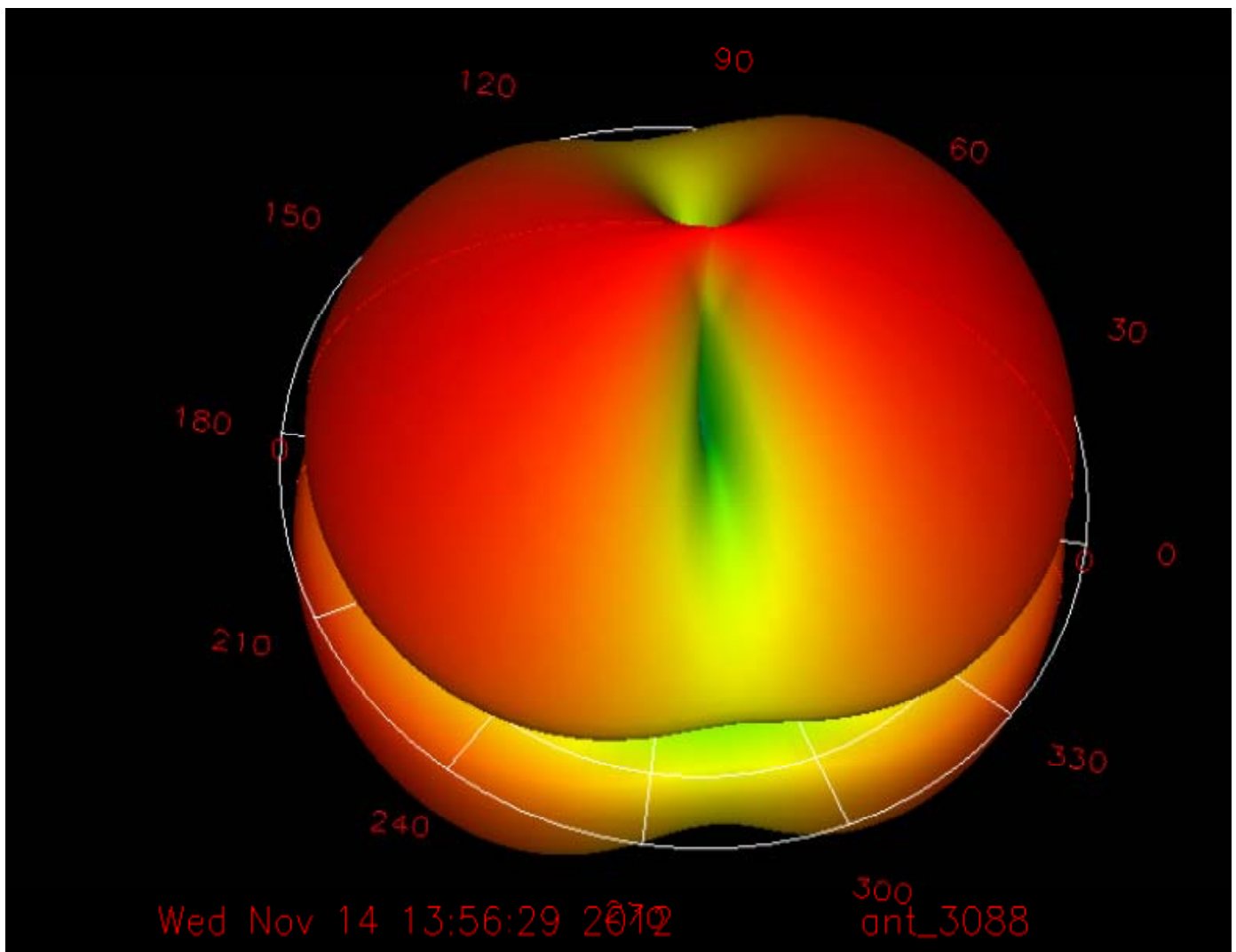
| Phi \ Gain | 0    | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------------|------|------|------|------|------|------|------|------|
|            | -0.1 | -0.3 | -0.8 | -0.5 | -0.2 | -0.6 | -0.8 | -0.5 |



# Radiaton pattern@2.440GHZ

Total Average Gain:-0.275 dbi

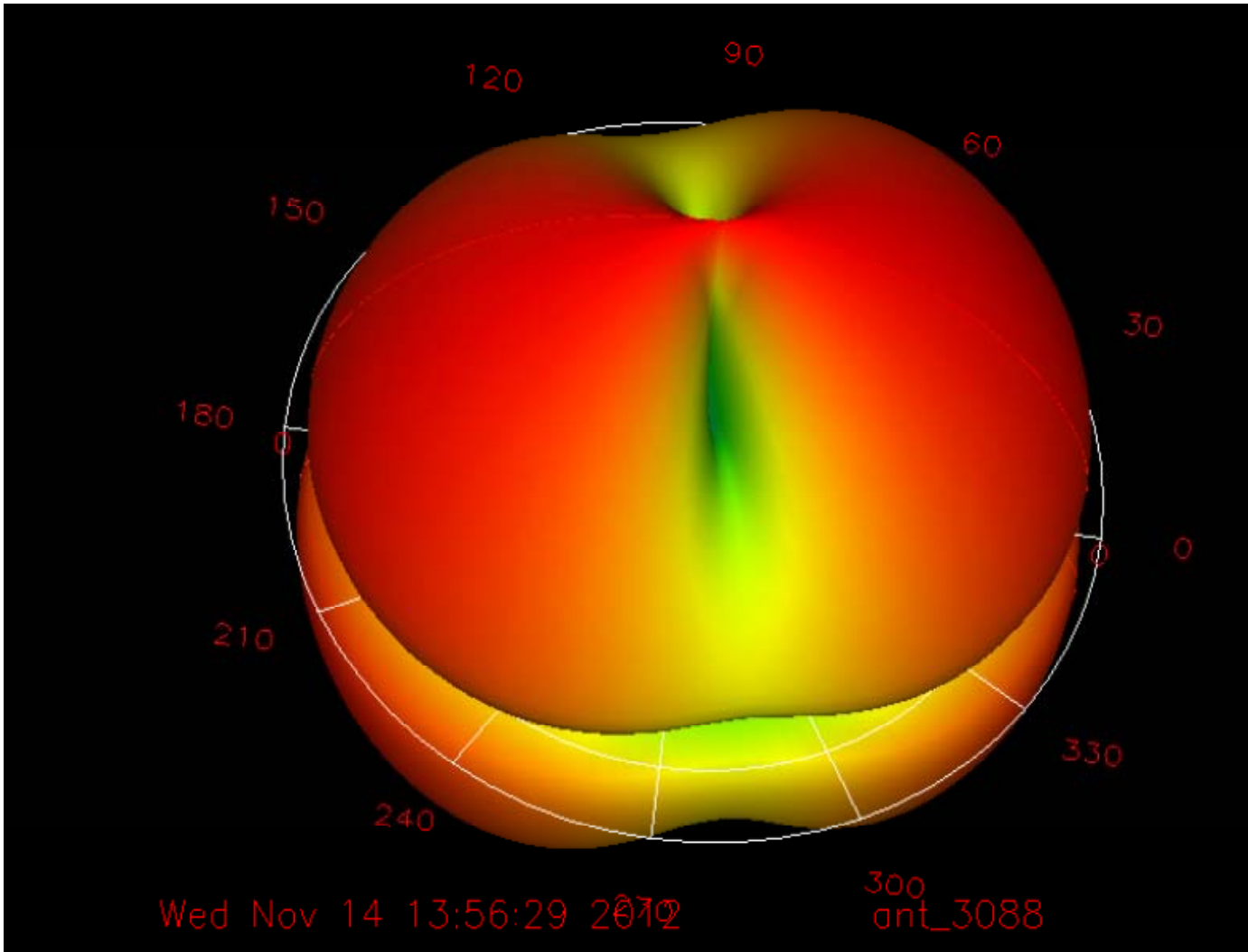
| Phi \ Gain | 0 | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------------|---|------|------|------|------|------|------|------|
|            | 0 | -0.1 | -0.3 | -0.6 | -0.1 | -0.2 | -0.6 | -0.4 |



Radiation pattern@2.480GHZ

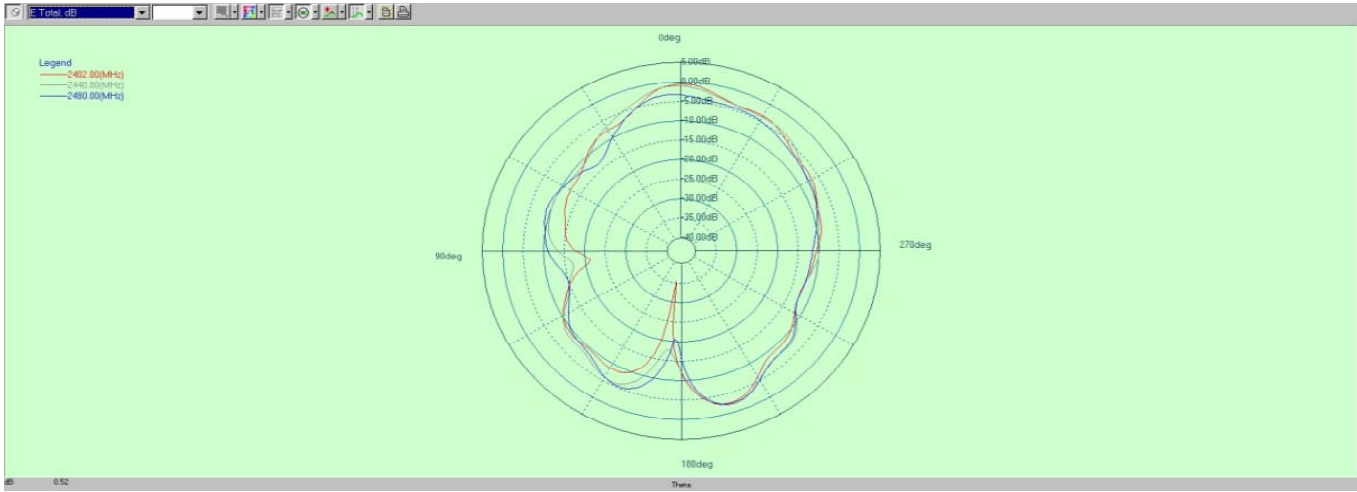
Total Average Gain:-0.237 dbi

| Phi \ Gain | 0 | 45   | 90   | 135  | 180 | 235  | 270  | 315  |
|------------|---|------|------|------|-----|------|------|------|
|            | 0 | -0.1 | -0.2 | -0.5 | 0   | -0.3 | -0.6 | -0.2 |

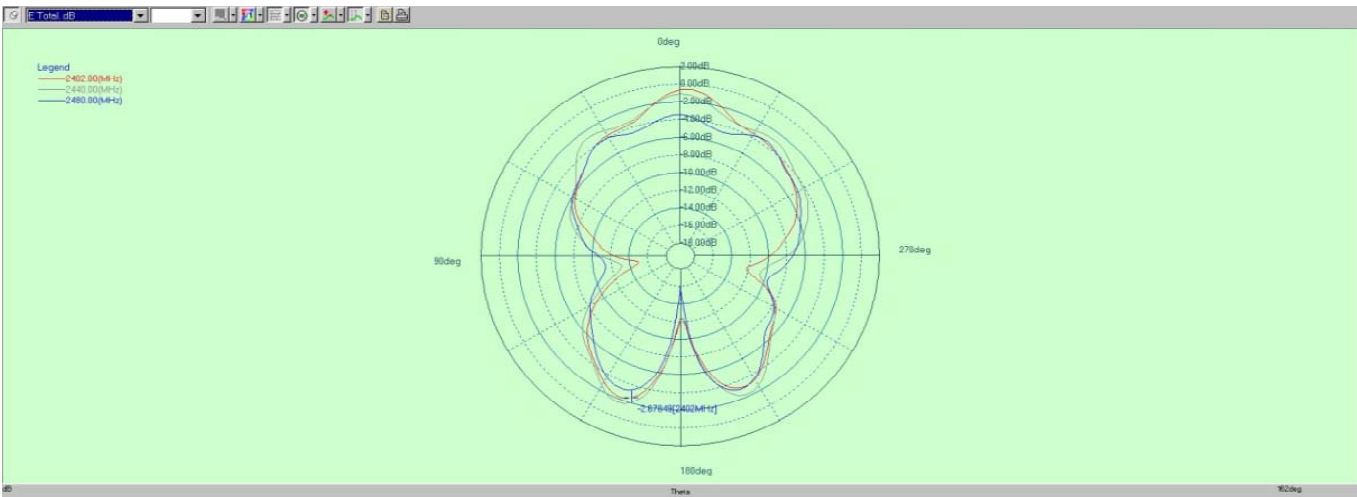


# Radiation Pattern

PHI=0



PHI=90



THETA=180

