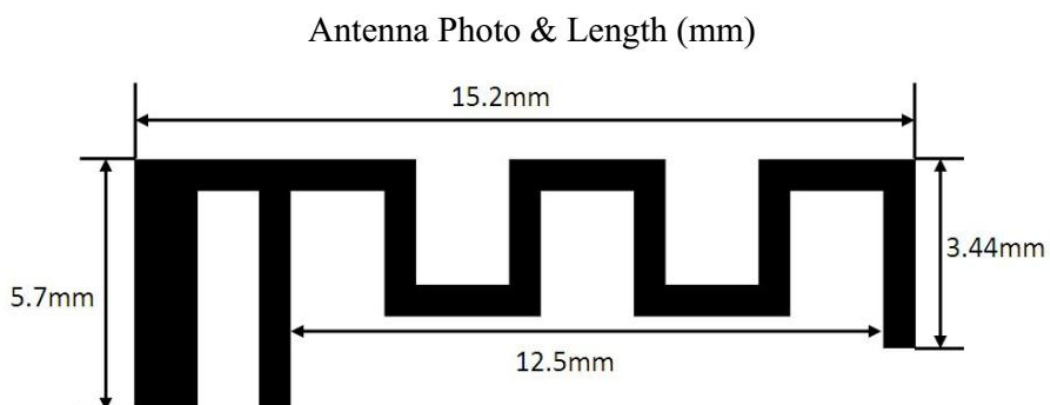


Antenna describe

I. Antenna describe :

| | |
|---|---|
| Antenna plate | antenna of board |
| Make name/model name | PCB Antenna |
| Antenna peak gain | 0dBi |
| Freauency range | 2400MHz-2480MHz |
| Connector type | direct |
| Location of mearement (company name) | Jiaxing Yifan Antenna Co. LTD |
| Address | West of 1st floor, Building 2, Fenghuanghuang Road, Fengqiao Town, Nanhu District, Jiaxing City, Zhejiang Province, China |

2. External view drawing:

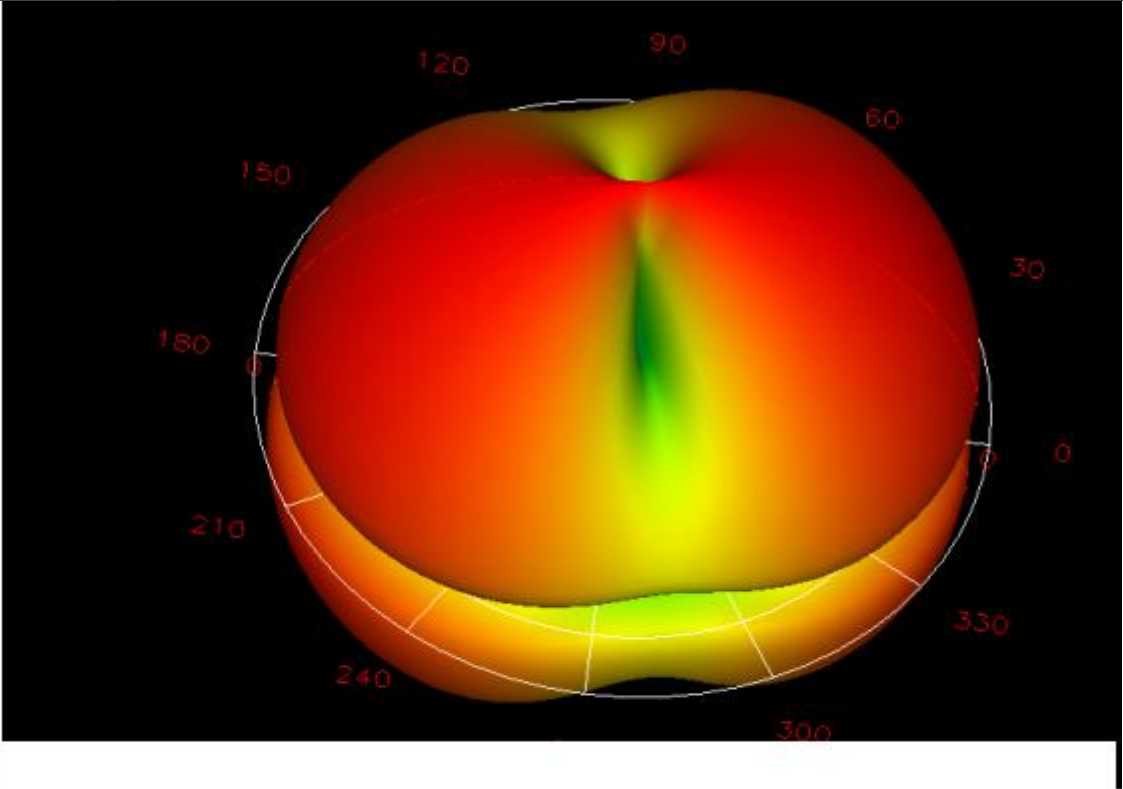


3.Antenna Radiation Pattern

Radiation pattern@2400MHz

Total Average Gain:-0.475dbi

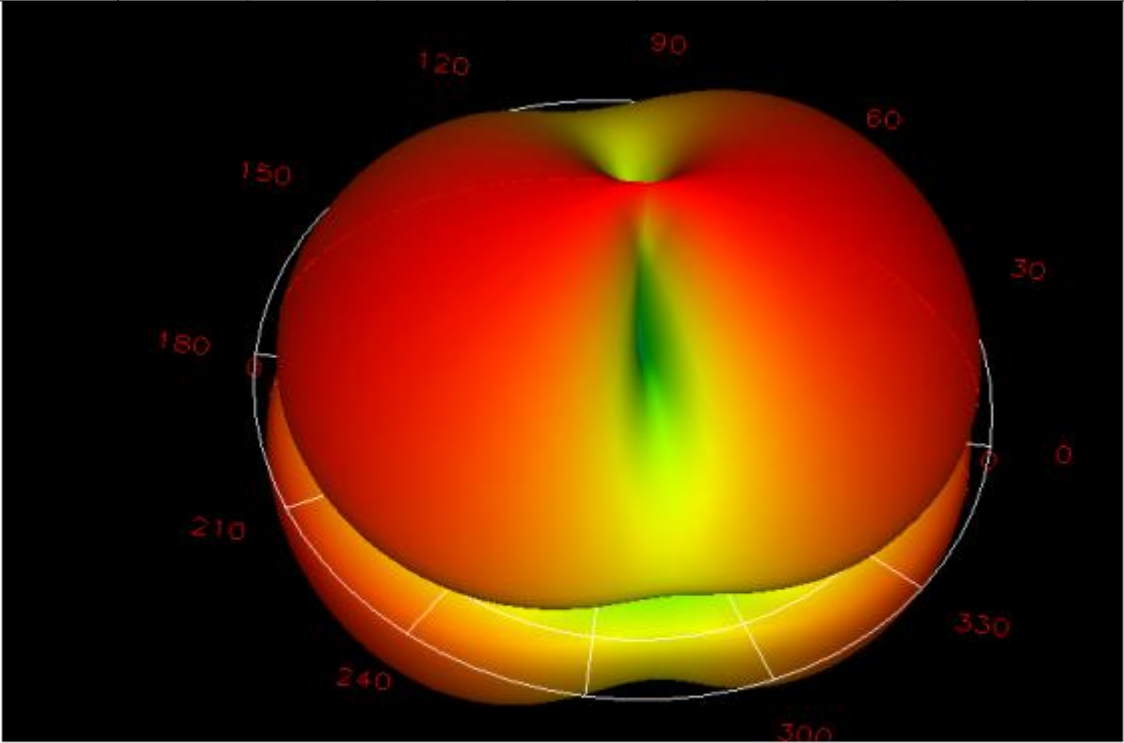
| Phi | 0 | 45 | 90 | 135 | 180 | 235 | 270 | 315 |
|------|------|------|------|------|------|------|------|------|
| Gain | -0.1 | -0.3 | -0.8 | -0.5 | -0.2 | -0.6 | -0.8 | -0.5 |



Radiation pattern@2440MHz

Total Average Gain:-0.275dbi

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



Radiation pattern@2480MHz

Total Average Gain:-0.237dbi

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

