

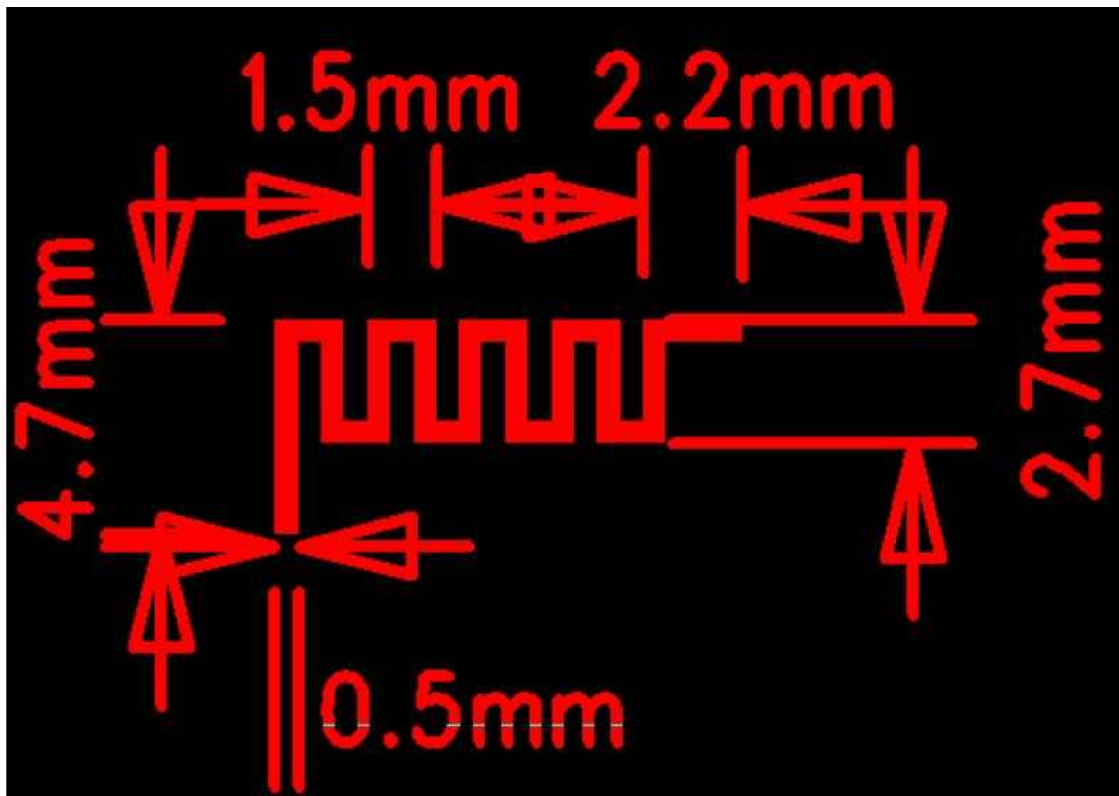
Antenna describe

1. Antenna describe:

| | |
|---------------------------------------|--|
| Antenna plate | Monopole antenna |
| Make name/model name | F-6688 |
| Antenna gain | 0dBi |
| Frequency range | 2.4GHZ-2.483GHZ |
| Connector type | direct |
| Location of measurement(company name) | SHENZHEN SHIXINZHONGXIN TECHNOLOGY.CO.,LTD |

2. External view drawing:

Picture of antenna

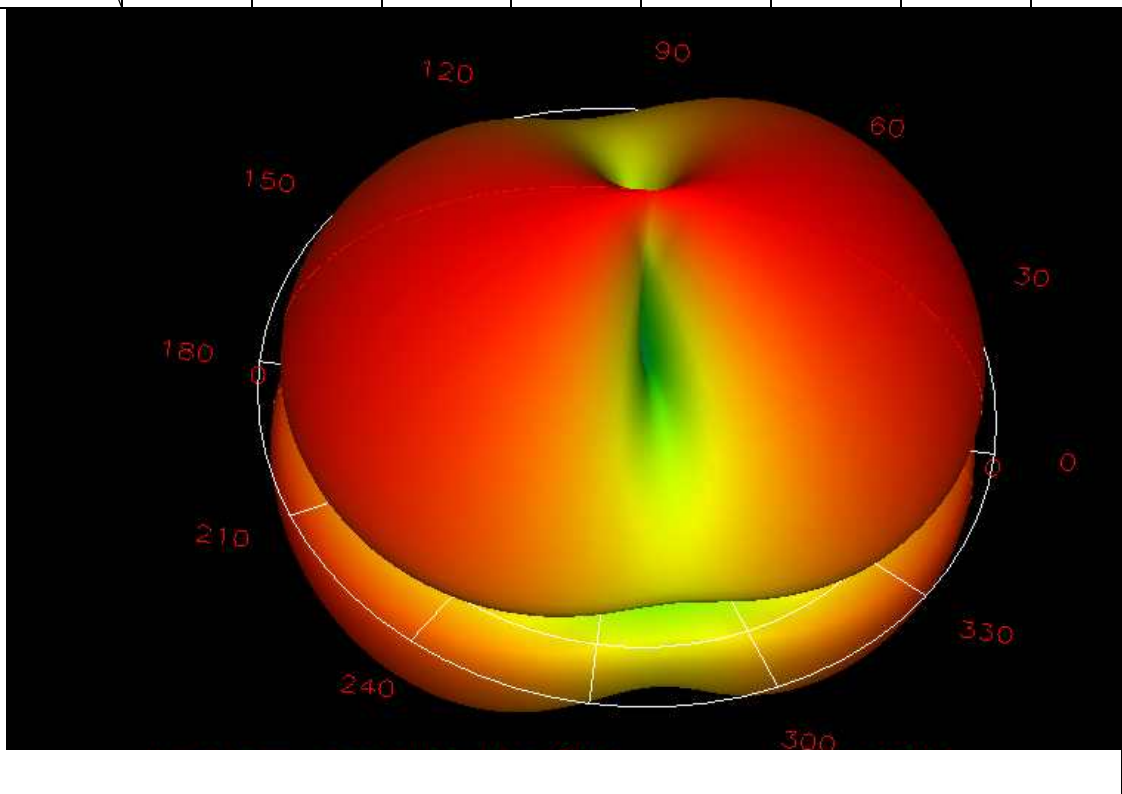


3. Antenna Radiation Pattern

Radiation pattern@2.402GHZ

Total Average Gain: -0.475dbi

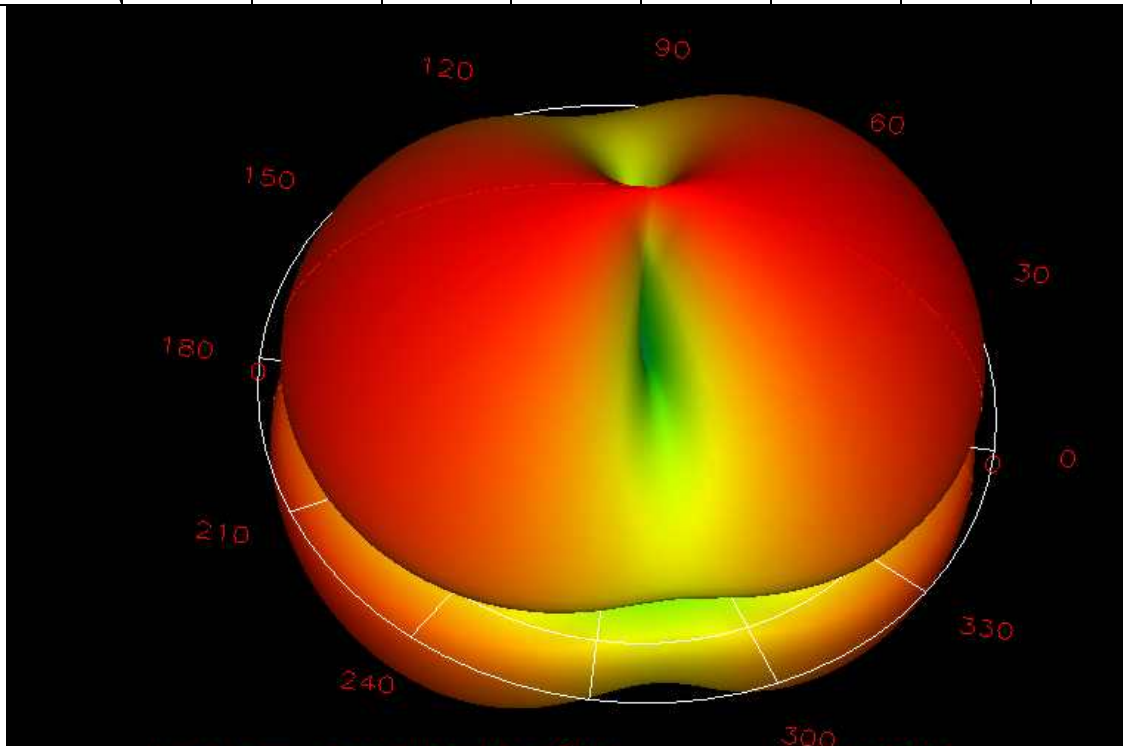
| Phi | 0 | 45 | 90 | 135 | 180 | 235 | 270 | 315 |
|------|------|------|------|------|------|------|------|------|
| Gain | -0.1 | -0.3 | -0.8 | -0.5 | -0.2 | -0.6 | -0.8 | -0.5 |



Radiation pattern@2.441GHZ

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@2.480GHZ

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 |

