

## Antenna Specification

### 1. Antenna Description

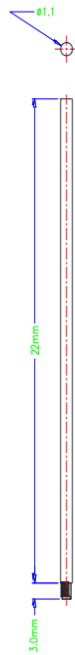
|                        |                  |
|------------------------|------------------|
| Antenna plate          | Monopole antenna |
| Market name/Model name | RAIN3216F245F3   |
| Antenna Max. Gain      | 1.75dBi          |
| Frequency Range        | 2400.0-2480.0MHz |
| Connect Type           | Integer antenna  |
| VSWR                   | 1.1              |

Manufacturer: Shanghai Weilchuang Future Communication Technology Co., Ltd.

Address: Room J657, Area A, Floor 1, Building 2, No. 955 Liuxiang Highway, Jiading District, Shanghai

### 2. Picture of antenna

Unit: mm

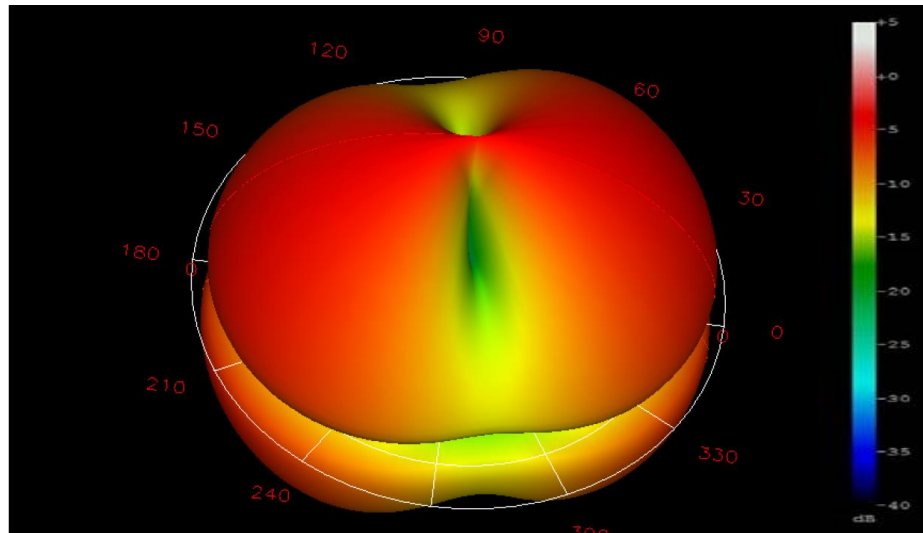


### 3. Antenna Radiation Pattern

Radiation pattern--2.402GHz

Total Average Gain: 1.75dBi

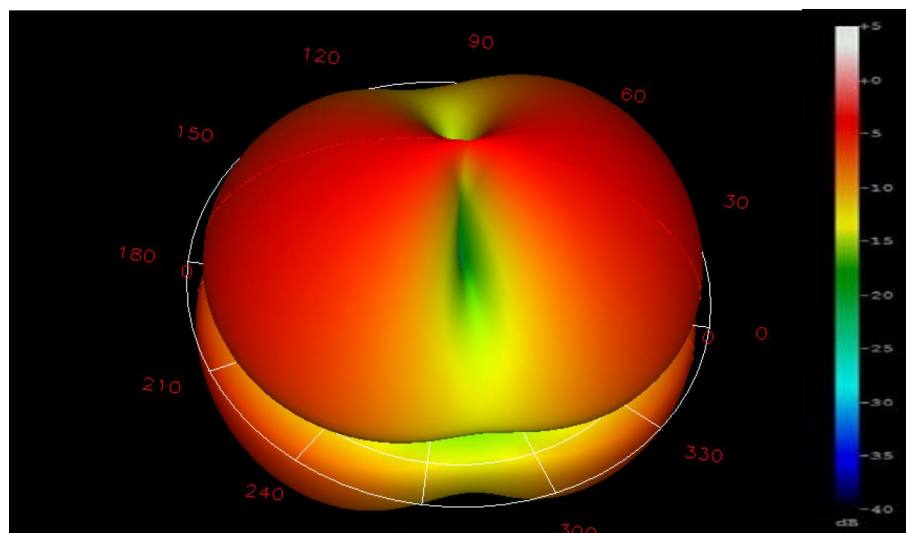
| Phi  | 0    | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------|------|------|------|------|------|------|------|------|
| Gain | 1.55 | 1.64 | 1.51 | 1.75 | 1.58 | 1.30 | 1.25 | 1.35 |



Radiation pattern--2.441GHz

Total Average Gain: 1.49dBi

| Phi  | 0    | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------|------|------|------|------|------|------|------|------|
| Gain | 1.08 | 1.40 | 1.39 | 1.32 | 1.19 | 1.49 | 0.91 | 1.09 |



Radiation pattern--2.480GHz

Total Average Gain: 1.37dBi

| Phi  | 0    | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------|------|------|------|------|------|------|------|------|
| Gain | 0.86 | 1.26 | 1.04 | 1.09 | 0.84 | 1.37 | 0.54 | 0.63 |

