

Antenna describe

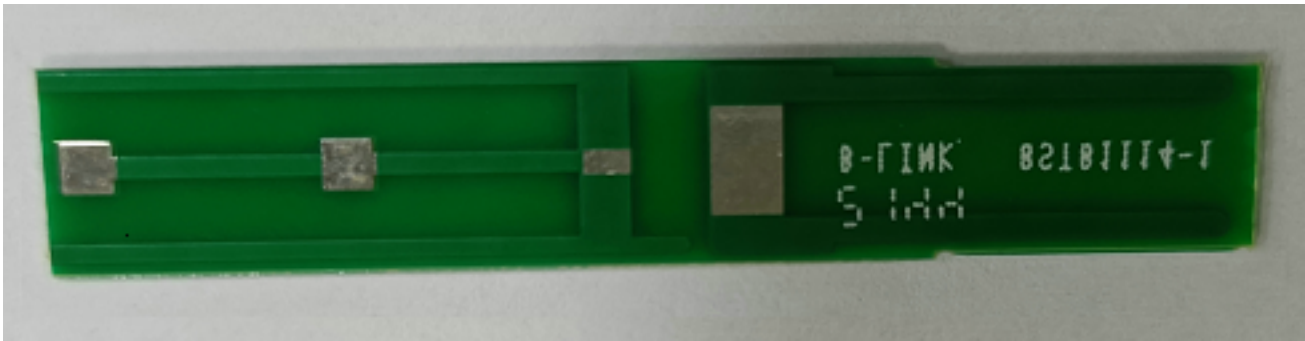
1. Antenna describe:

|                      |                     |
|----------------------|---------------------|
| Antenna plate        | BT、WIFI PCB antenna |
| Make name/model name | MA-18               |
| Antenna gain         | -0.395dbi           |
| Frequency range      | 2402MHz-2480MHz     |
| Connector type       | direct              |
|                      |                     |

2.External view drawing:

Picture of antenna

TOP view

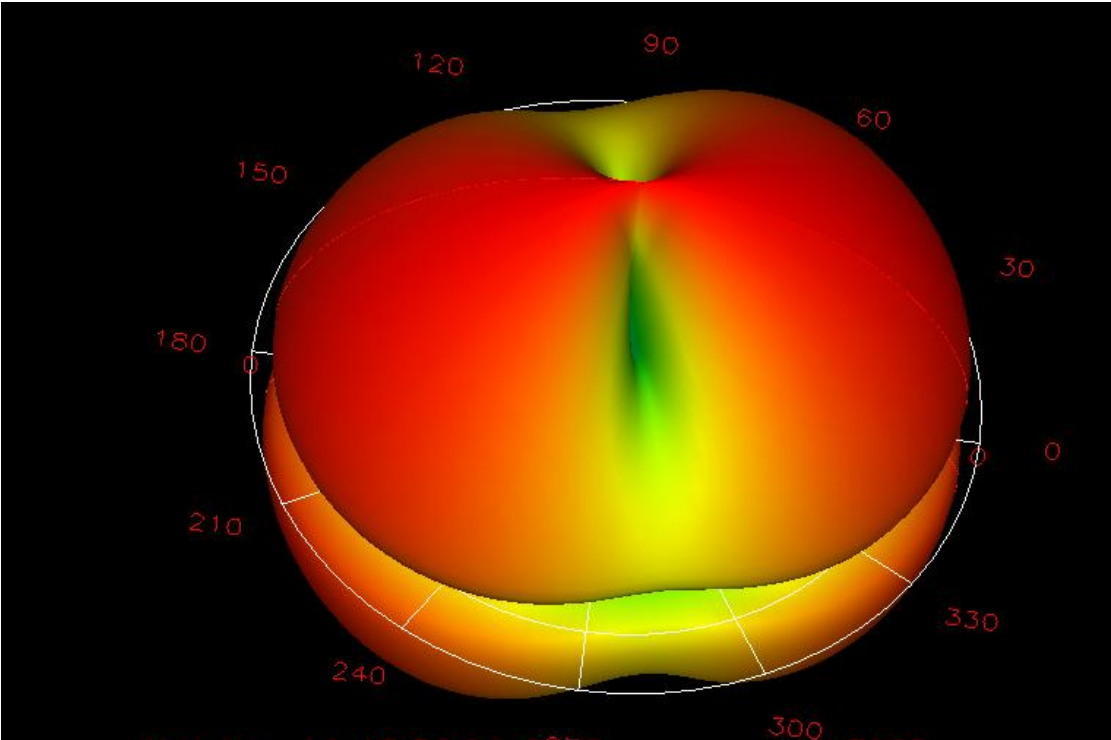


Antenna Radiation Pattern

Radiation pattern@2.412GHZ

Total Average Gain:-0.395dbi

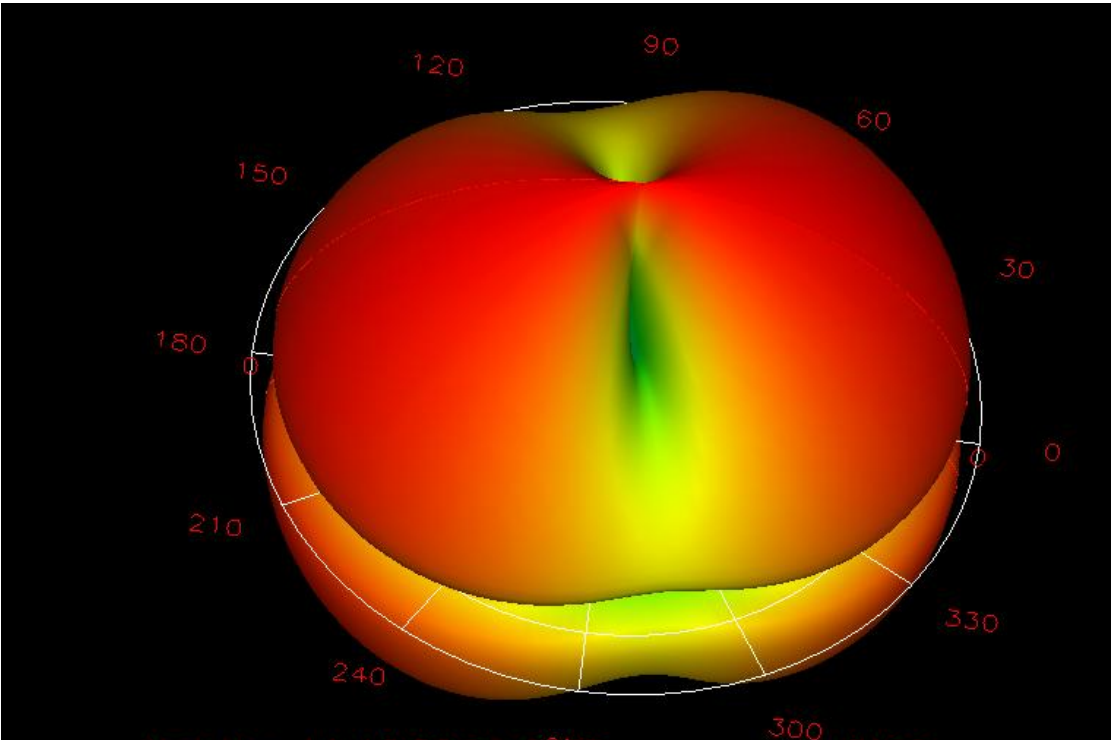
| Phi  | 0    | 45   | 90   | 135  | 180  | 235  | 270  | 315  |
|------|------|------|------|------|------|------|------|------|
| Gain | -0.1 | -0.3 | -0.8 | -0.5 | -0.2 | -0.6 | -0.8 | -0.5 |



Radiation pattern@2.438GHZ

Total Average Gain:-0.311dbi

| 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@2.462GHZ

Total Average Gain:-0.227dbi

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

