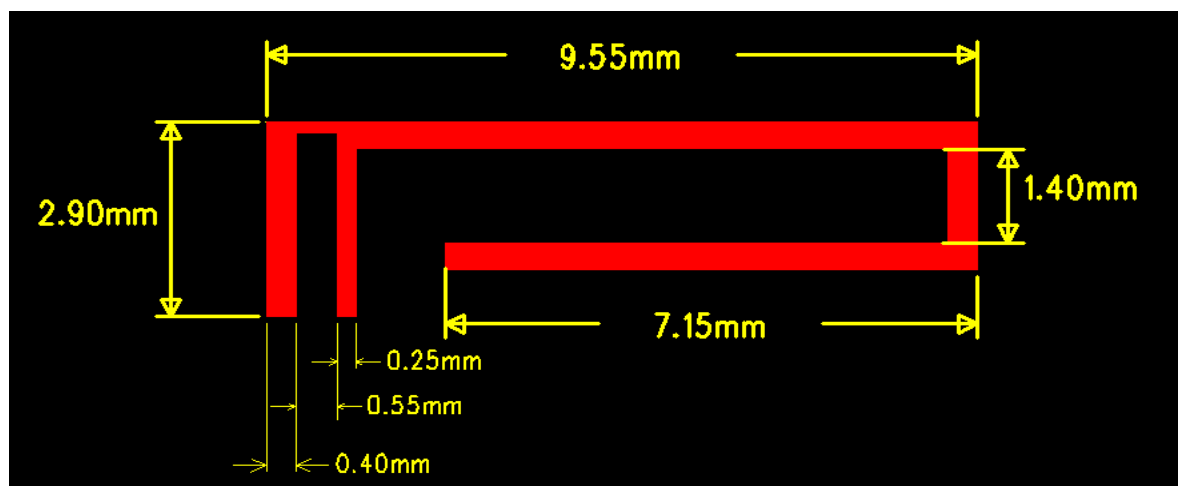


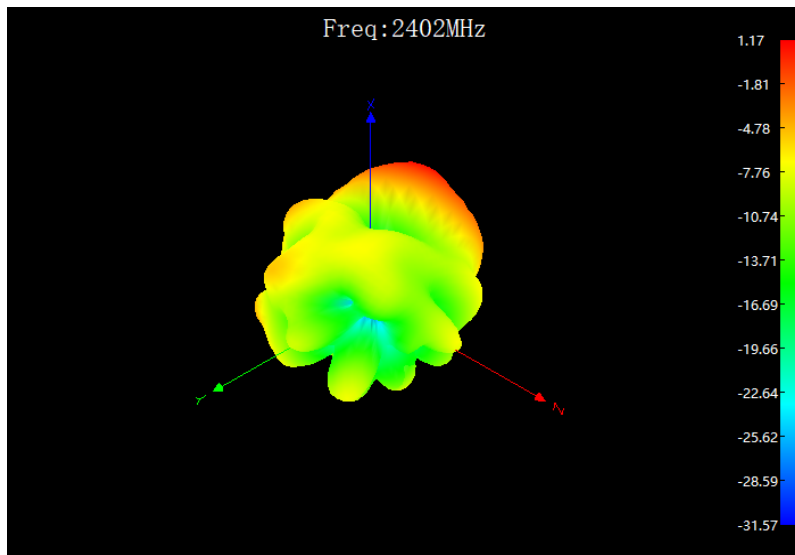
|                                                    |         |                                                                                                               |
|----------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------|
| Part number                                        |         | <b>EWN-8250FGT1DA Antenna</b>                                                                                 |
| Frequency                                          |         | 2402MHz~2480MHz                                                                                               |
| Max.Gain                                           | 2402MHz | 1.17dBi                                                                                                       |
|                                                    | 2442MHz | -0.48dBi                                                                                                      |
|                                                    | 2480MHz | -1.65dBi                                                                                                      |
| Efficiency                                         | 2402MHz | 22.03%                                                                                                        |
|                                                    | 2442MHz | 14.00%                                                                                                        |
|                                                    | 2480MHz | 10.28%                                                                                                        |
| Polarization                                       |         | Linear                                                                                                        |
| Impedance                                          |         | 50 Ohm                                                                                                        |
| <b>B.Material &amp; Mechanical Characteristics</b> |         |                                                                                                               |
| Material of Radiator                               |         | PCB                                                                                                           |
| Cable Type                                         |         | /                                                                                                             |
| Connector Type                                     |         | None                                                                                                          |
| Pull Test                                          |         | /                                                                                                             |
| Manufacturer                                       |         | Earda Technologies Co.,Ltd                                                                                    |
| Adress                                             |         | Block A, LianFeng Creative Industry Park,<br>2JiSheng Road, HuangGe Town, NanSha<br>District, Guangzhou, PRC. |
| <b>C.Environmental</b>                             |         |                                                                                                               |
| Operation Temperature                              |         | -40~105℃                                                                                                      |
| Storage Temperature                                |         | -40~105℃                                                                                                      |

### Antenna Dimension

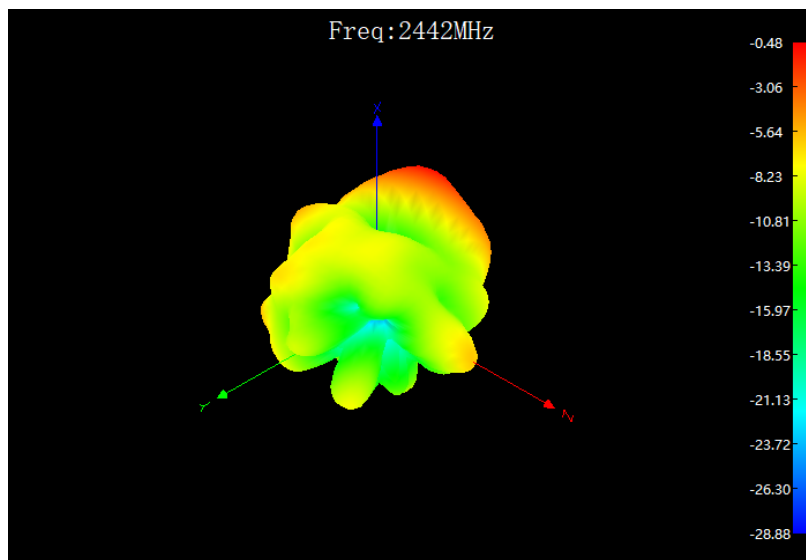


## 3D radiation pattern

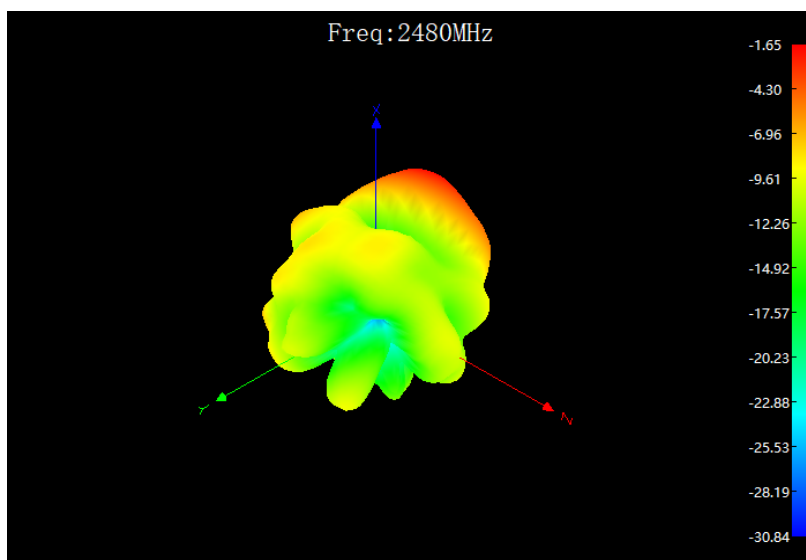
2402MHz



2442MHz

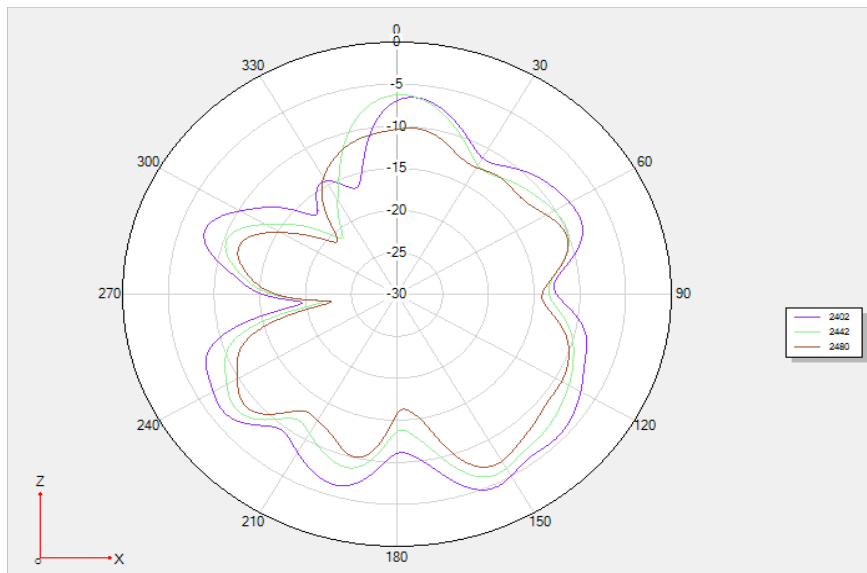


2480MHz

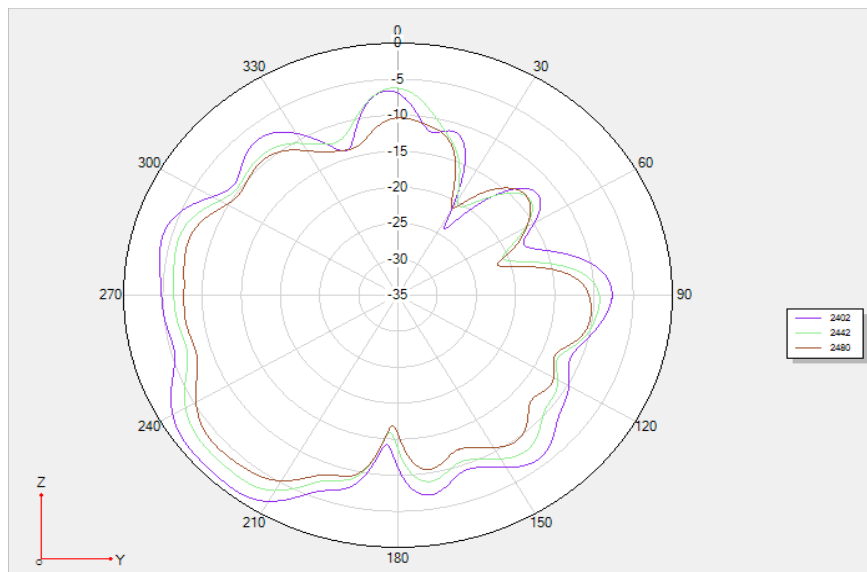


## 2D radiation pattern

**PHI=0**



**PHI=90**



**THETA=90**

