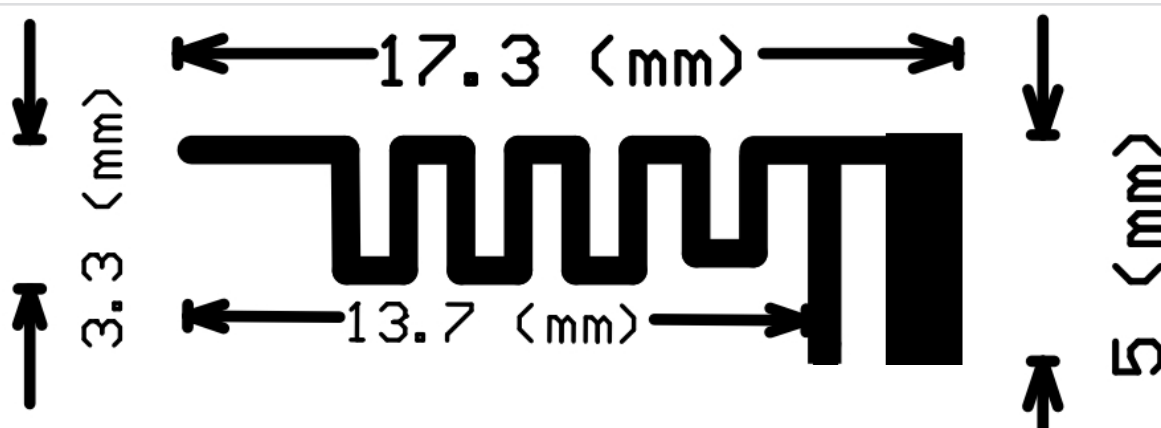


## 1. Antenna Specification:

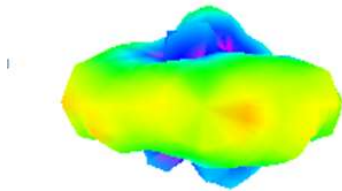
|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Manufacturer    | Zhejiang Puzhao Photoelectric Technology Co.,Ltd           |
| Address         | No.1200 Hongye Avenue,Pujiang County,Zhejiang Province,CHN |
| Frequency range | 2402MHz to 2480MHz                                         |
| Antenna Type    | PCB Antenna                                                |
| Antenna Gain    | 2dBi                                                       |
| Model No.       | 2.4G Antenna                                               |

Antenna Photo:



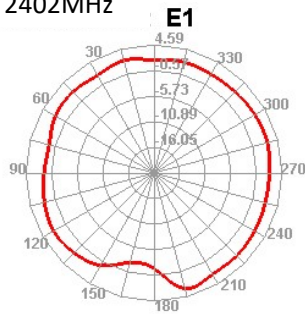
Antenna Radiation Pattern

2402MHz



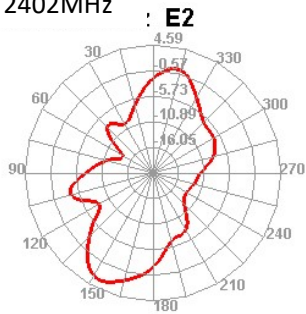
2.402GHz

2402MHz



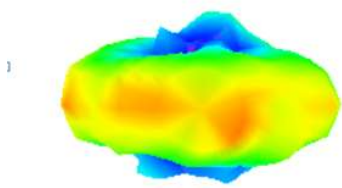
Gain: 2.08dBi

2402MHz



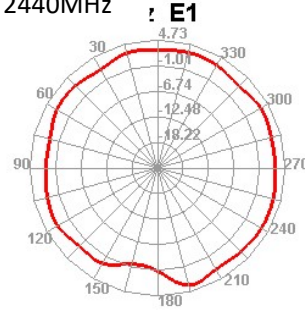
Efficiency:69.24%

2440MHz



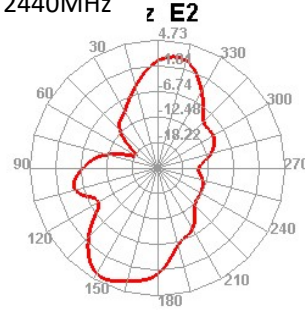
2.440GHz

2440MHz



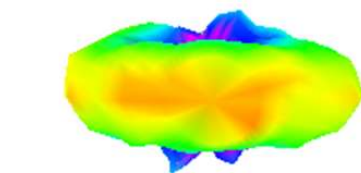
Gain: 2.08dBi

2440MHz



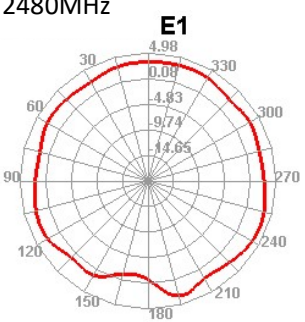
Efficiency: 70.36%

2480MHz



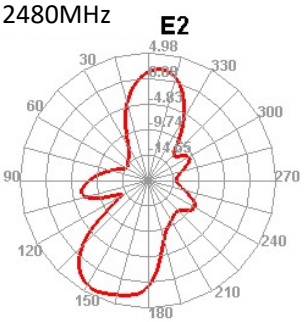
2.480GHz

2480MHz



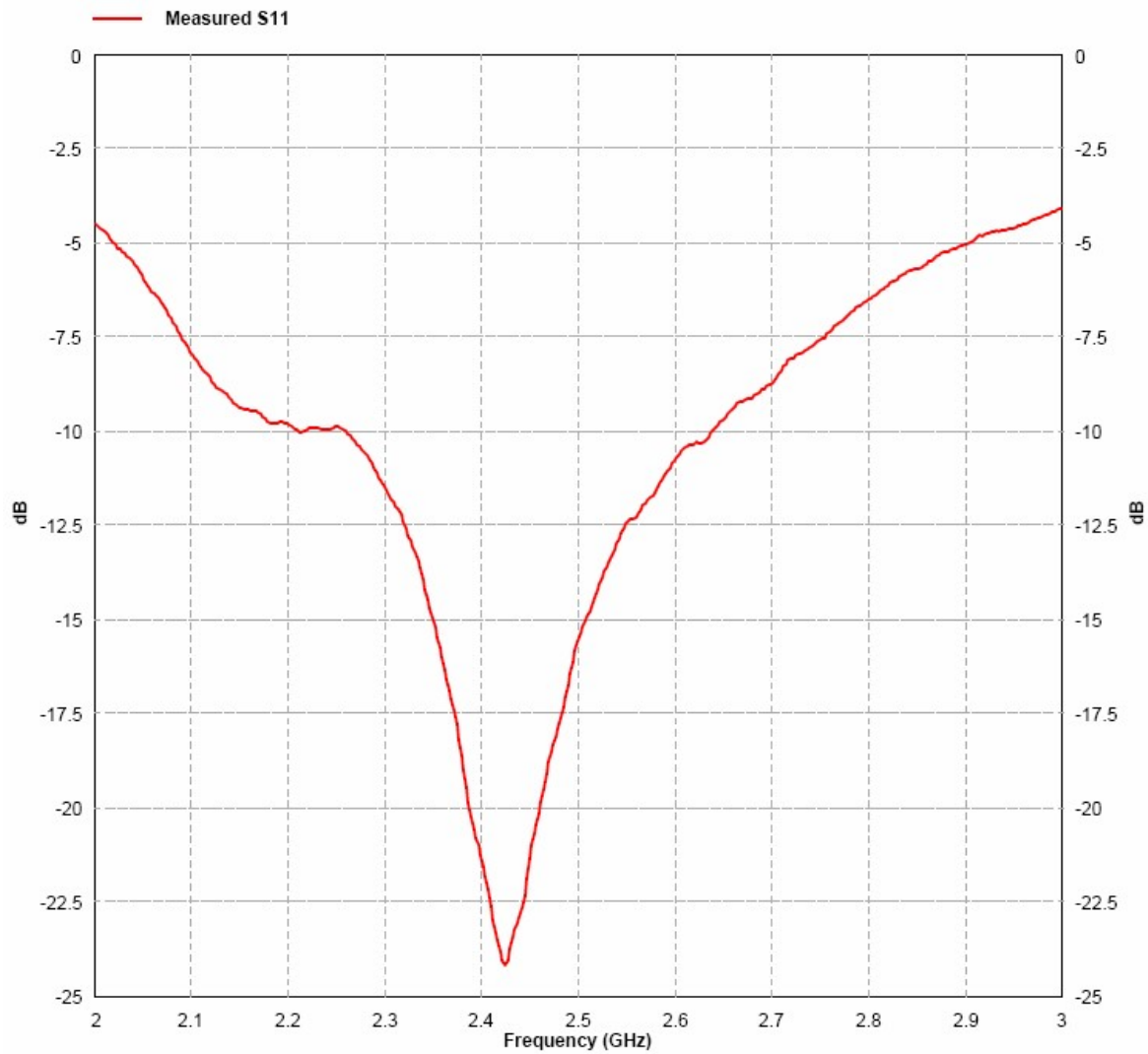
Gain: 2.04dBi

2480MHz



Efficiency: 71.15%

## Antenna Reflection



**Figure 1. Measured Reflection at the Feed Point of the Antenna**

Figure 1 shows that the PCB meander antenna ensures less than 10 % reflection of the available power for a bandwidth of more than 300 MHz. A large bandwidth makes the antenna less sensitive to detuning due to plastic encapsulation or other objects in the vicinity of the antenna.