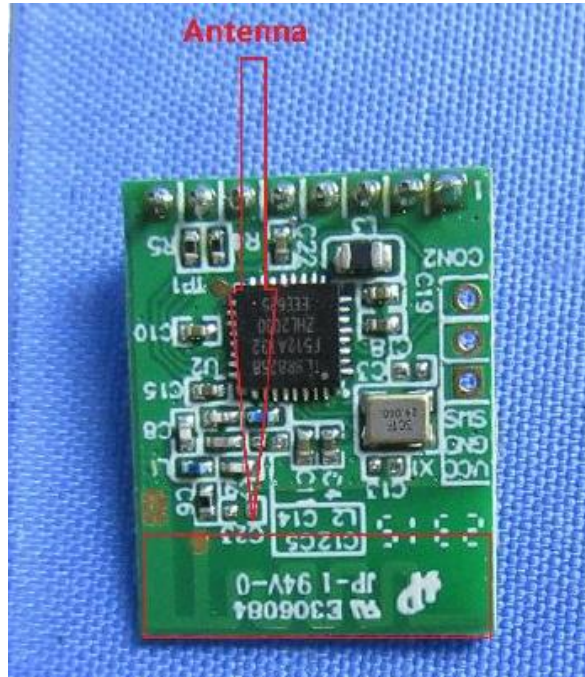


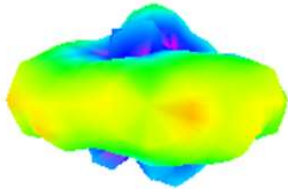
Antenna Specification

| Specification | | |
|---------------|-----------------------|---|
| Description | Antenna Manufacturer: | Pujiang Yuansheng Electronic Commerce Co., Ltd. |
| | Manufacturer Address: | No.388 Yidianhong Avenue,Xianhua Street,Pujiang County, Zhejiang Province |
| | Antenna Type: | PCB Antenna |
| | Antenna Gain: | 2dBi |
| | Antenna Model No.: | PCB-MA |

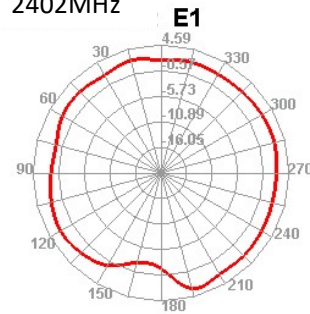


Antenna Radiation Pattern

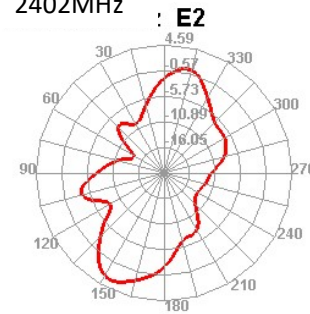
2402MHz



2402MHz



2402MHz

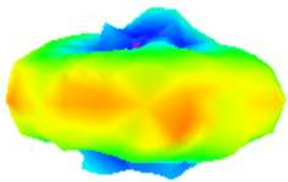


2.402GHz

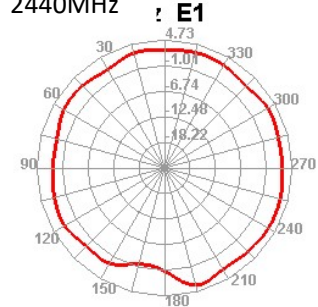
Gain: 2.08dBi

Efficiency: 69.24%

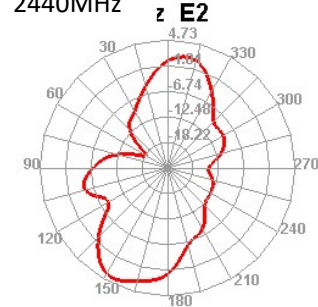
2440MHz



2440MHz



2440MHz

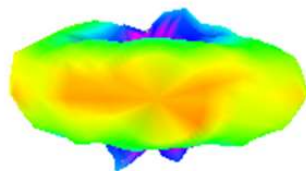


2.440GHz

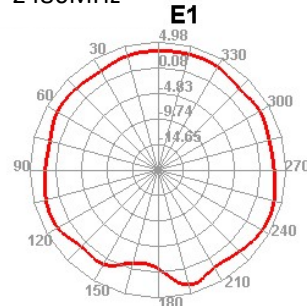
Gain: 2.08dBi

Efficiency: 70.36%

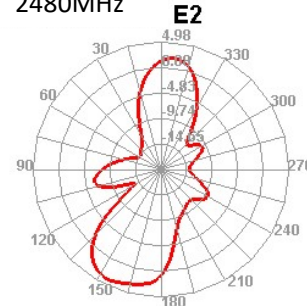
2480MHz



2480MHz



2480MHz



2.480GHz

Gain: 2.04dBi

Efficiency: 71.15%

Antenna Reflection

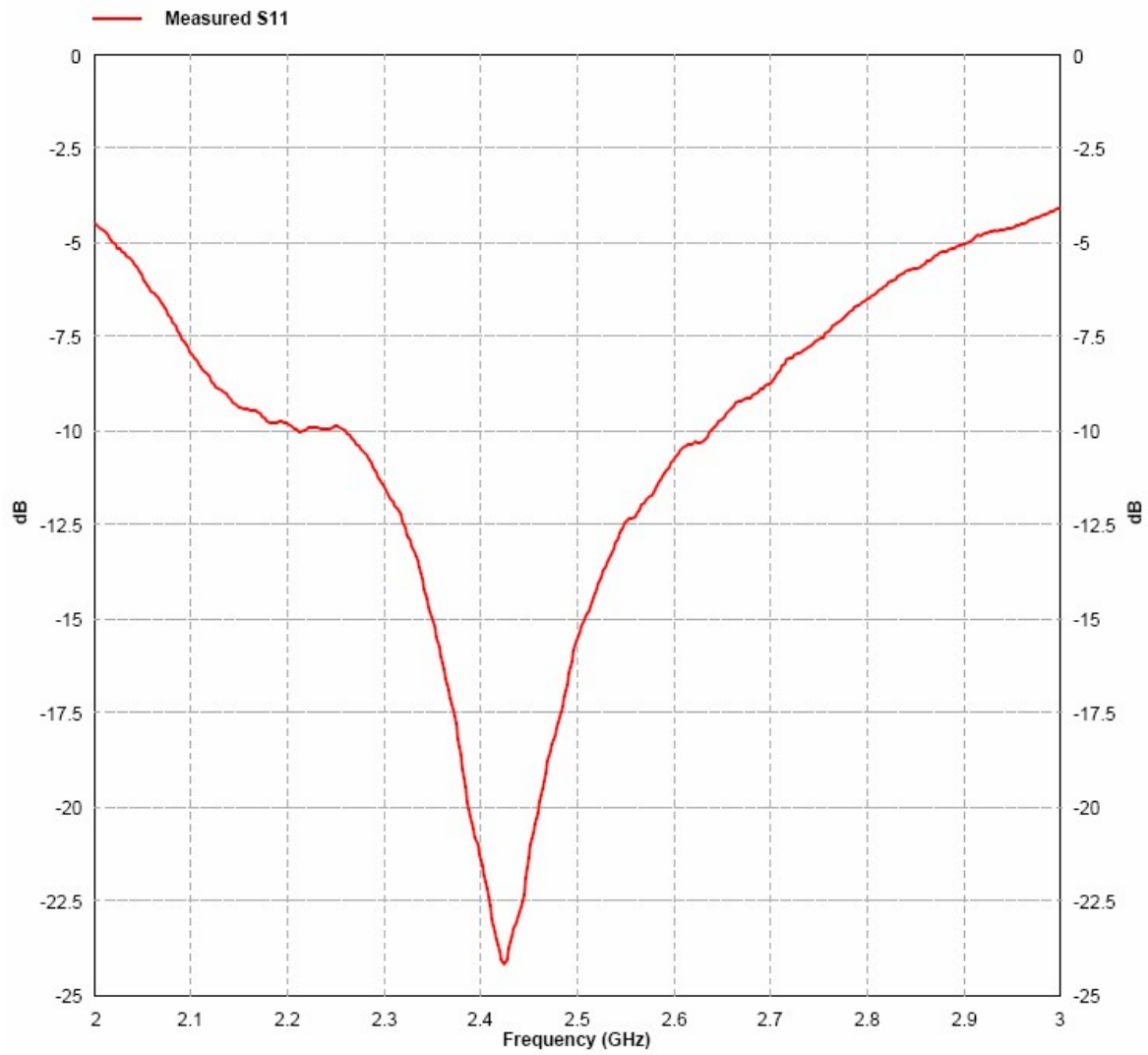


Figure 1. Measured Reflection at the Feed Point of the Antenna

Figure 1 show that the PCB 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.