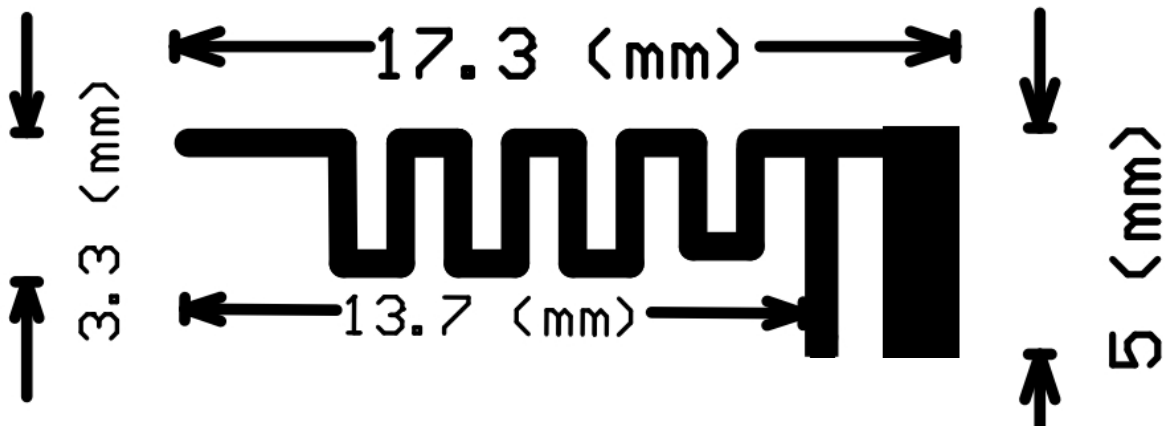


1. Antenna Specification:

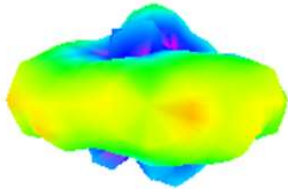
Manufacturer	Zhejiang Puzhao Photoelectric Technology Co.,Ltd
Address	No.1200 Hongye Avenue,Pujiang County,Zhejiang Province,CHN
Frequency range	2402MHz to 2480MHz
Antenna Type	PCB Antenna
Antenna Gain	2dBi
Model No.	2.4G Antenna

Antenna Photo:

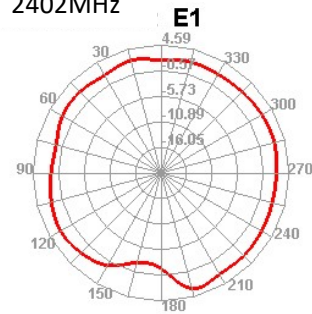


Antenna Radiation Pattern

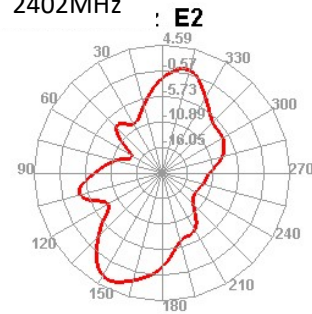
2402MHz



2402MHz



2402MHz

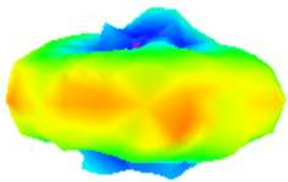


2.402GHz

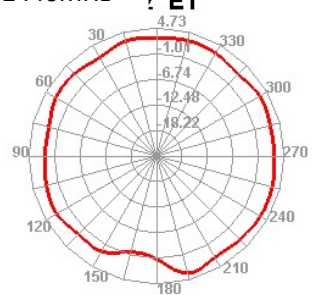
Gain: 2.08dBi

Efficiency: 69.24%

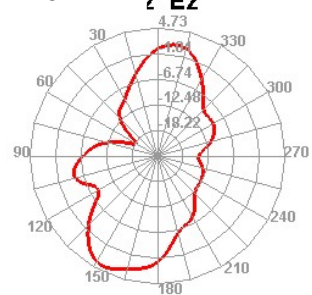
2440MHz



2440MHz



2440MHz

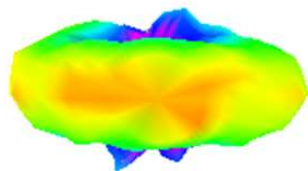


2.440GHz

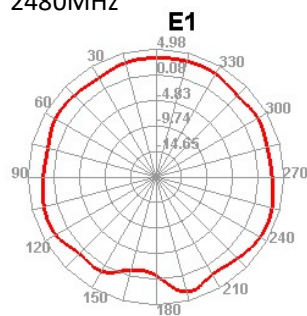
Gain: 2.08dBi

Efficiency: 70.36%

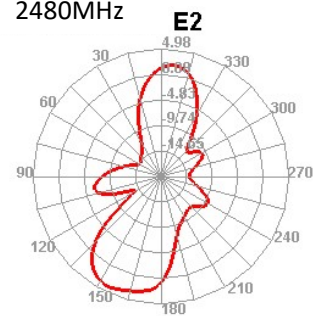
2480MHz



2480MHz



2480MHz



2.480GHz

Gain: 2.04dBi

Efficiency: 71.15%

Antenna Reflection

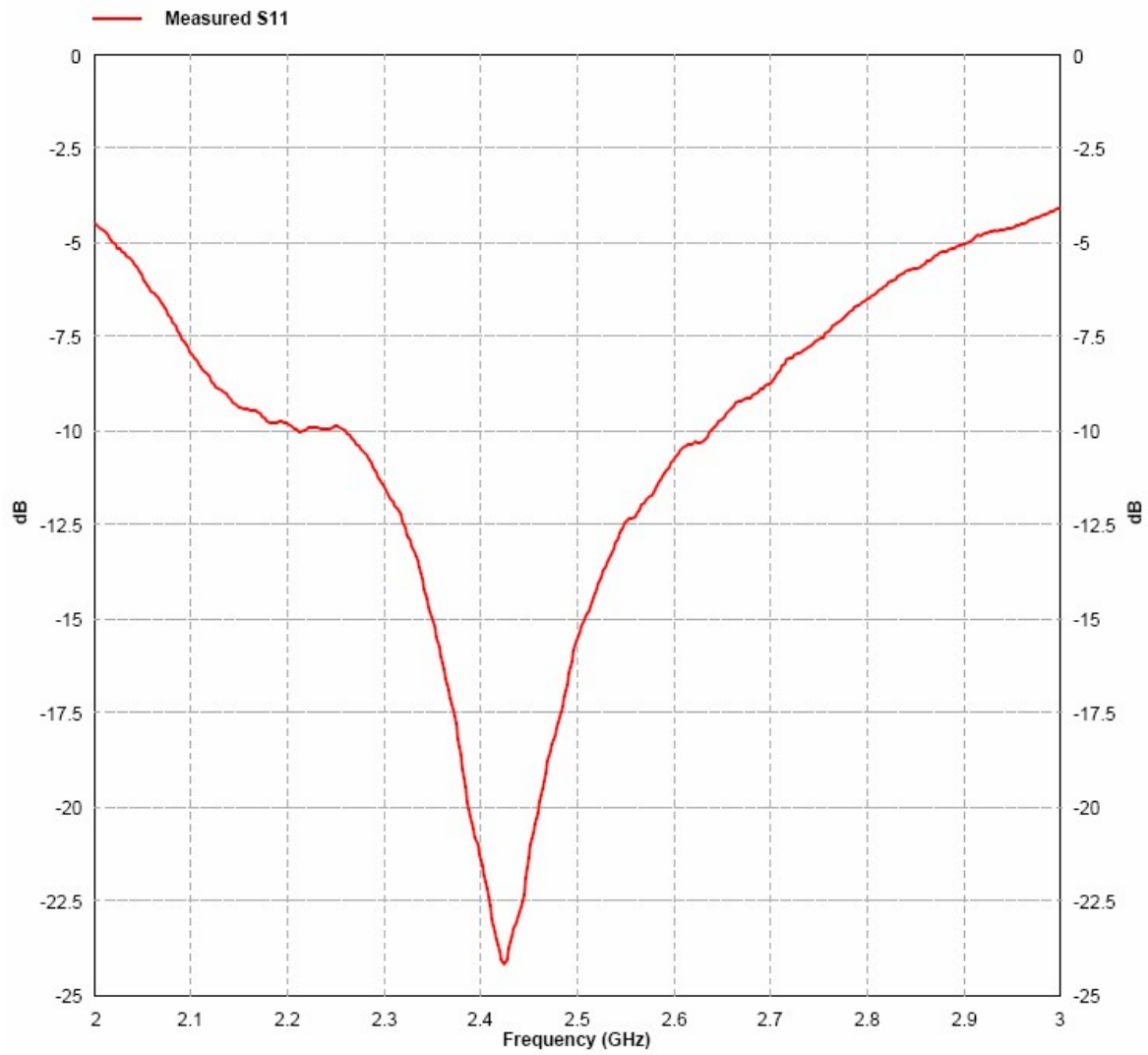


Figure 1. Measured Reflection at the Feed Point of the Antenna

Figure 1 show that the PCB 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.