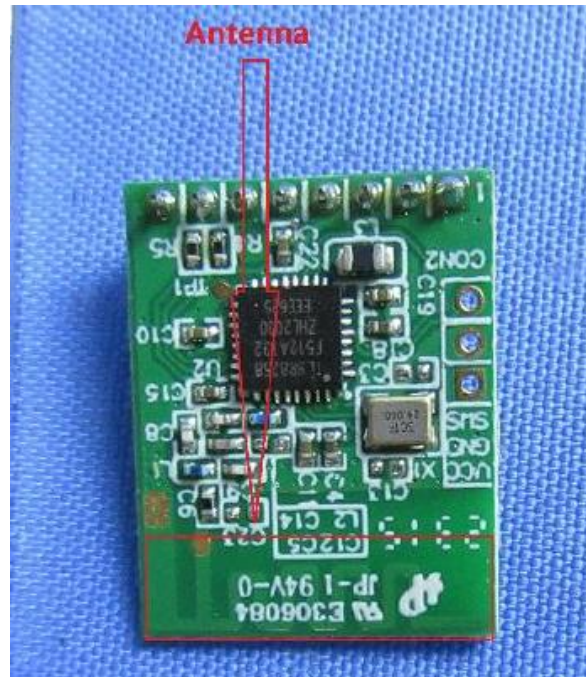


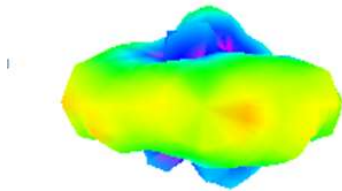
Antenna Specification

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



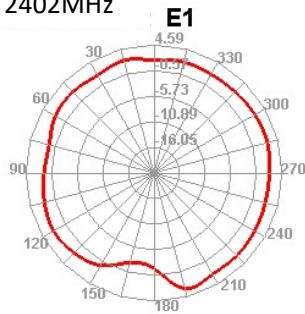
Antenna Radiation Pattern

2402MHz



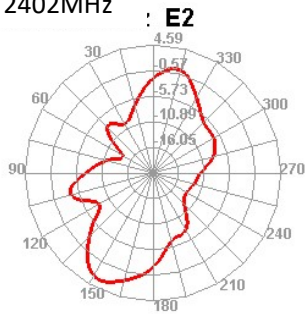
2.402GHz

2402MHz



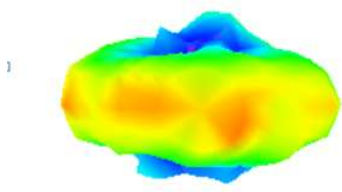
Gain: 2.08dBi

2402MHz



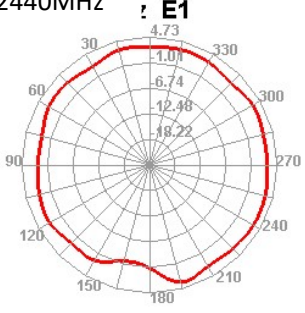
Efficiency:69.24%

2440MHz



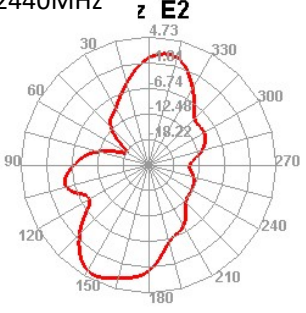
2.440GHz

2440MHz



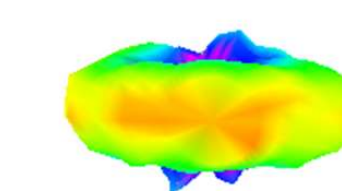
Gain: 2.08dBi

2440MHz



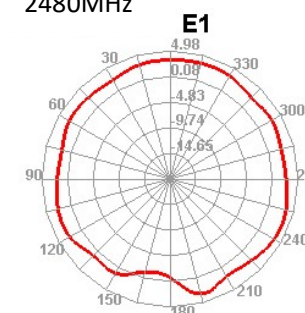
Efficiency: 70.36%

2480MHz



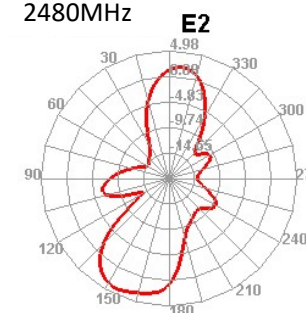
2.480GHz

2480MHz



Gain: 2.04dBi

2480MHz



Efficiency: 71.15%

Antenna Reflection

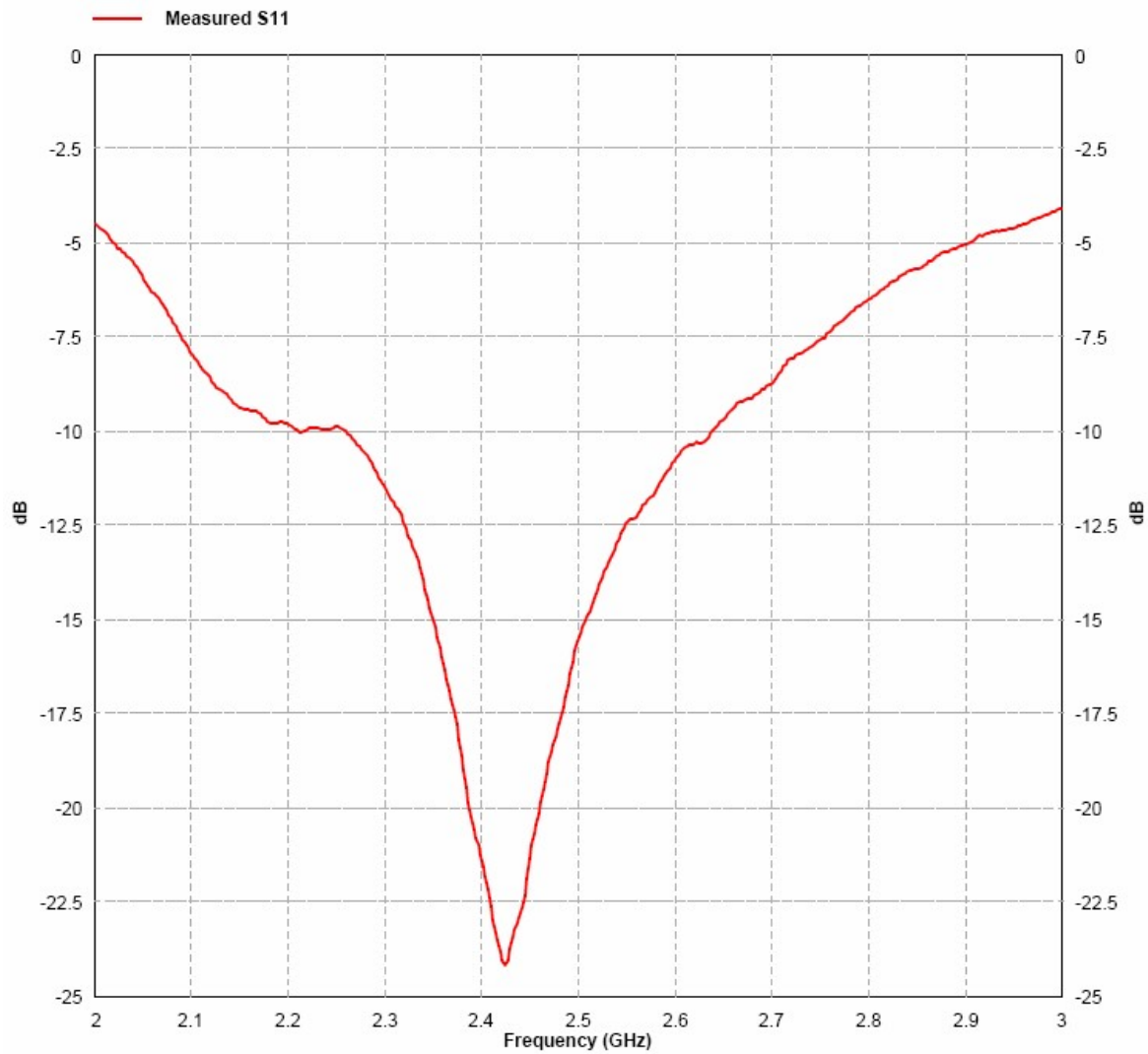


Figure 1. Measured Reflection at the Feed Point of the Antenna

Figure 1 shows that the PCB 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.