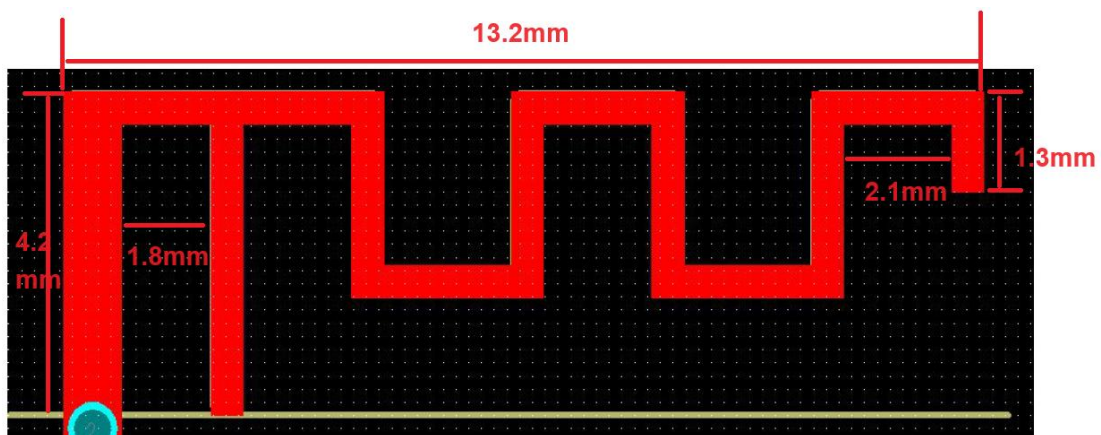


# Antenna spec

## 1. Antenna Description:

Antenna type	PCB antenna
Model	PZ02
Frequency range	2400MHz~2480MHz
Manufacturer	Shenzhen Dingshe technology Co., LTD
Address	Building A9, Yintian Industrial Zone, Xixiang Street, Baoan District, Shenzhen

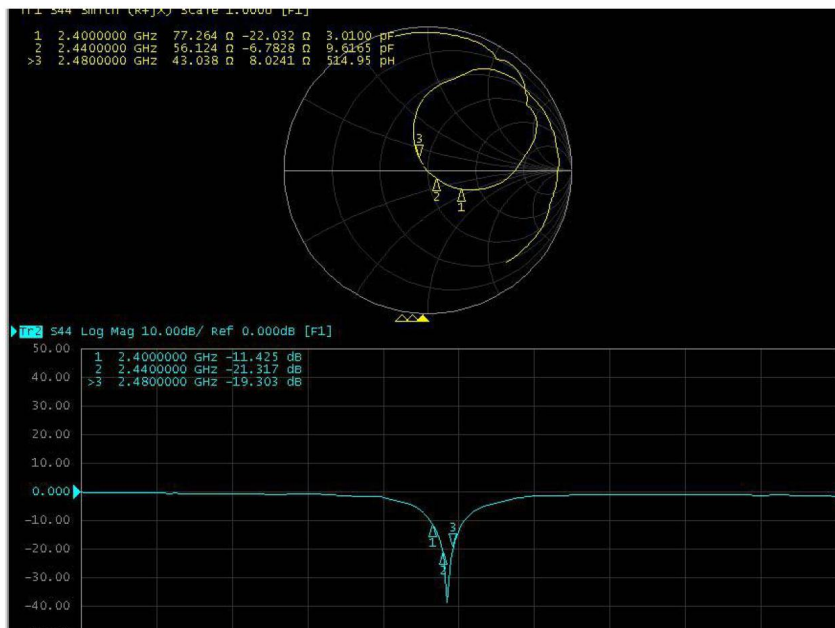
## 2. Antenna Photo:



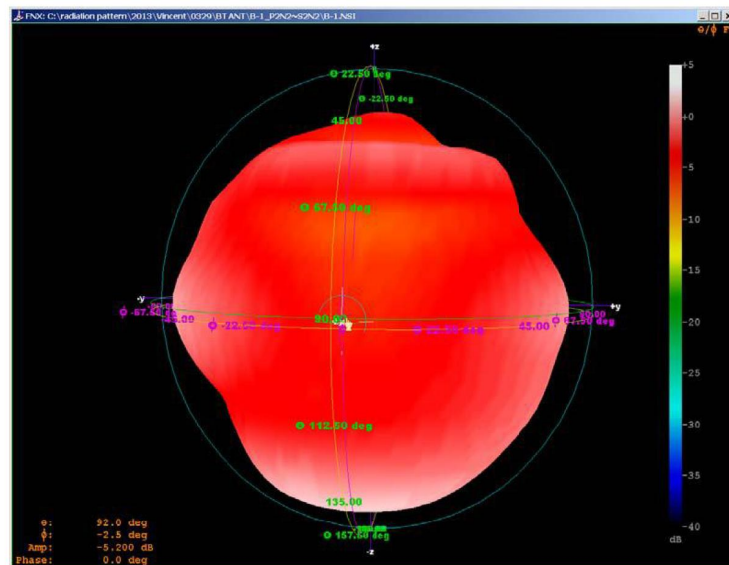
## 3. Antenna Efficiency and Gain:

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.3	-0.5	1.7	-3.8	1.1	-3.0	58.5%

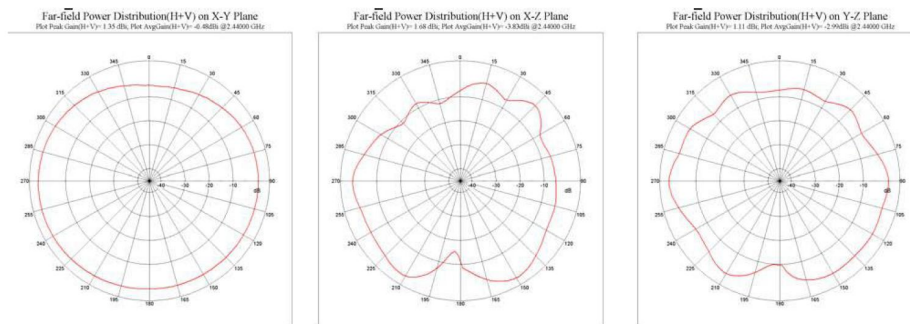
## 4.Return Loss



#### 4. Radiation Pattern:



3D radiation pattern diagram



XY-plane XZ-plane YZ-plane