

Product specification

Customer name	Dongguan Aike Precision Technology Co., Ltd Room 602, Building 19, Changping Jewelry Culture Industry Center, 568 Huanchang North Road, Changping Town, Dongguan City, Guangdong Province
Product name	313.8MHz PCB Antenn
Product item	
Sample delivery date	

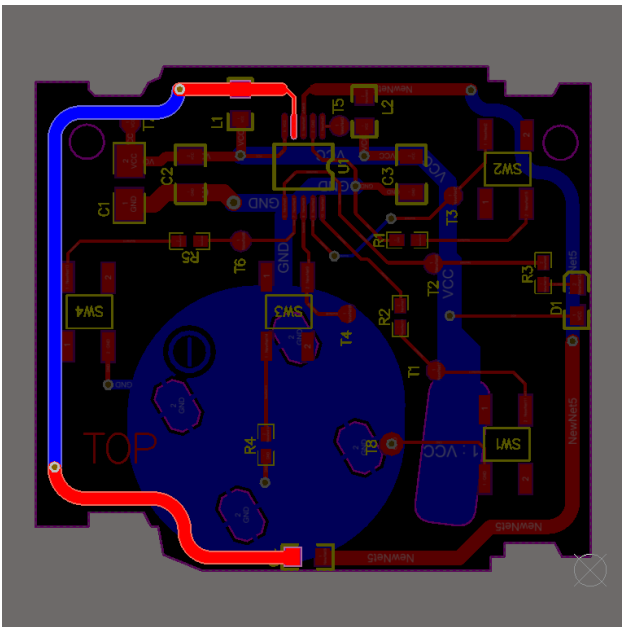
Manufacturer Rexense

Antenna model Rex PCB_AC101

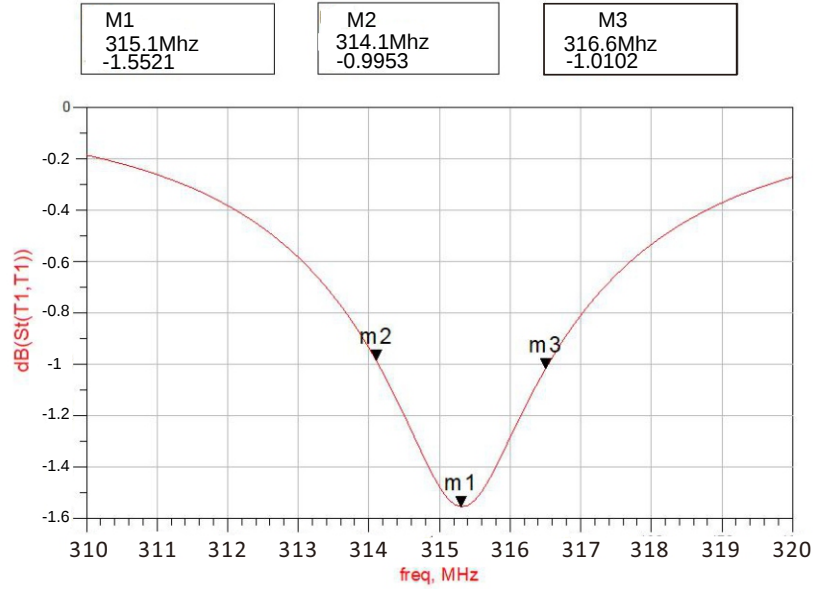
1. Technical indicators of products

Frequency Range(MHz)	313.8
Band Width(MHz)	5
Impedance(Ω)	50
Return Loss (dB)	-1.55
Gain(dBi) MAX	1.5dBi
Polarization	Linear Vertical
Antenna Material	PCB
Operating Temp ($^{\circ}\text{C}$)	-30~70
Storage Temp ($^{\circ}\text{C}$)	-40~85

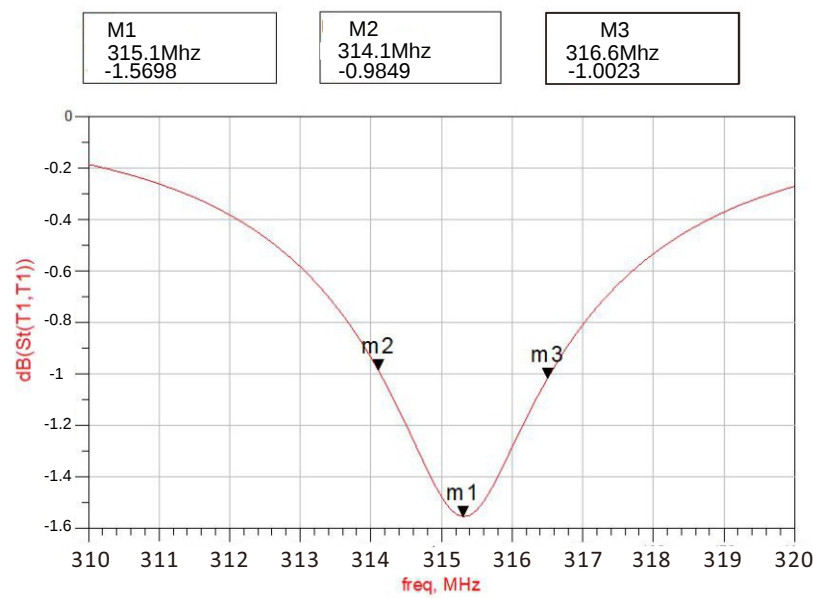
2. Product picture

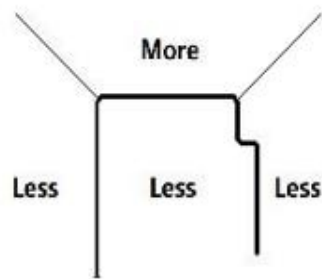
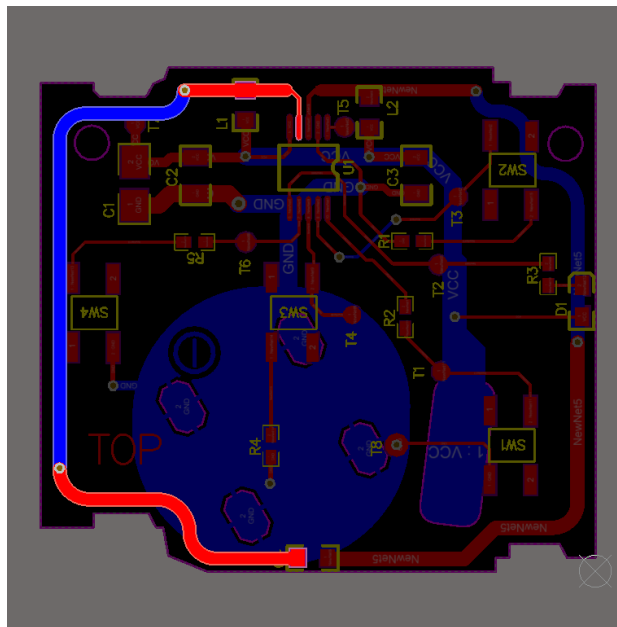


3. Return Loss

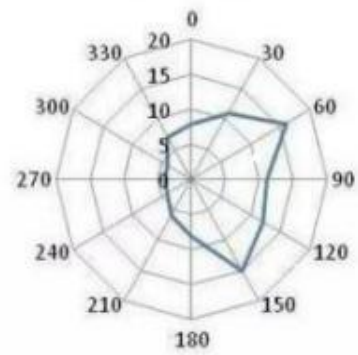


4. VSWR

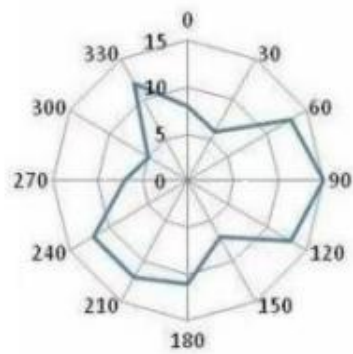




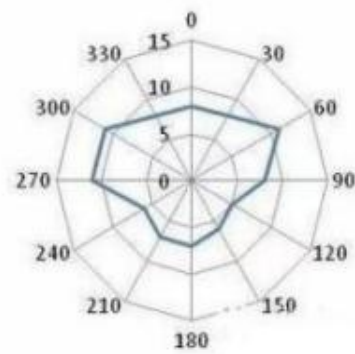
About Z axis



About X axis



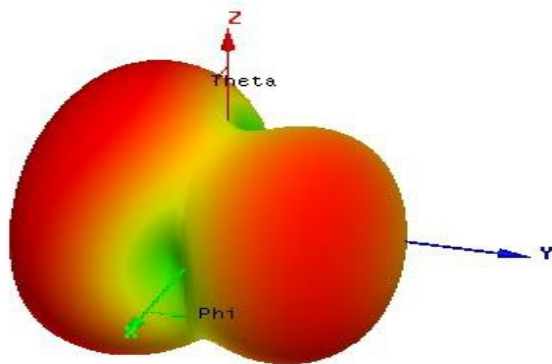
About Y axis



天线益

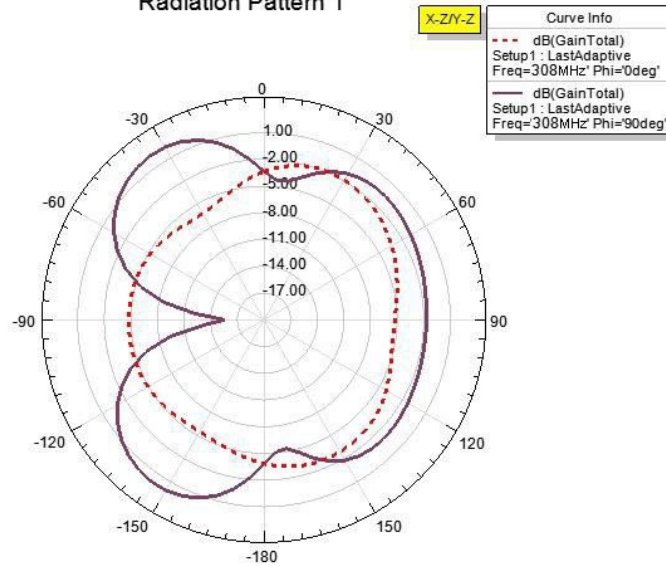
- 312MHz 0dbi
- 313.8MHz 1.5dbi
- 314MHz 1dbi
- 315MHz 1dbi
- 316MHz 1dbi
- 317MHz 0dbi
- 318MHz 0dbi

6. 3D gain pattern



7. E, h plan

Radiation Pattern 1



Radiation Pattern 2

