

Product specification

Manufacturer	Shenzhen Wanxingjun Technology Co., Ltd RM.301,No.33,WananRoad,WanfengCommunity,Xinqiao Street,Bao'an District,Shenzhen City
Product name	315MHz PCB Antenn
Product item	FCC
Sample delivery date	2024.12.1

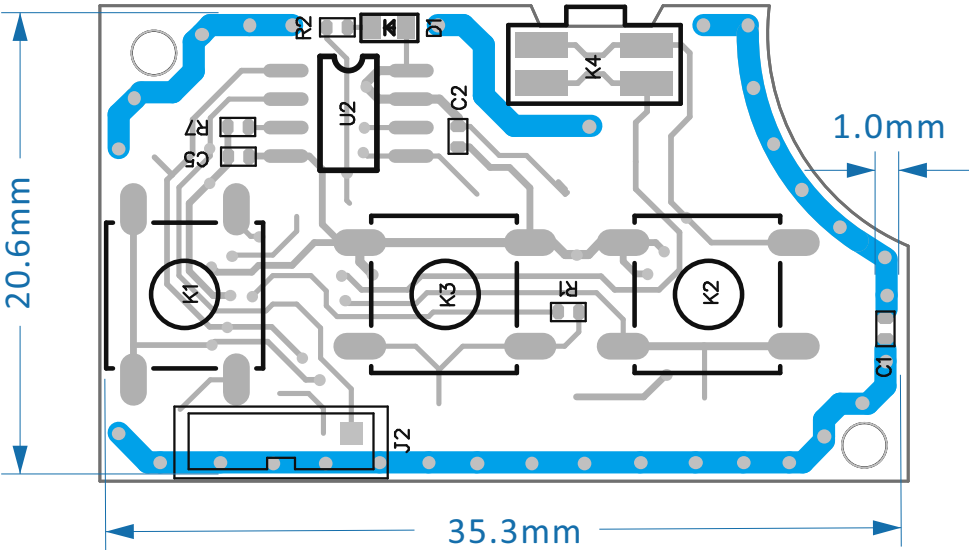
Manufcturer Rexense

Antenna model Rex PCB_VW-031

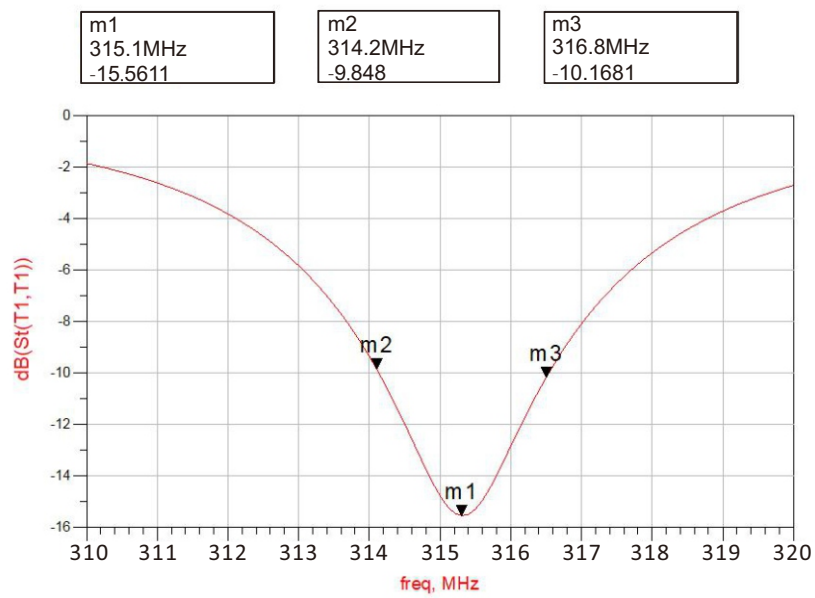
1. Technical indicators of products

Frequency Range(MHz)	313-318
Band Width(MHz)	5
Impedance(Ω)	50
Return Loss (dB)	-15.6
Gain(dBi) MAX	2.1dBi
Polarization	Linear Vertical
Antenna Material	PCB
Operating Temp ($^{\circ}\text{C}$)	-30~70
Storage Temp ($^{\circ}\text{C}$)	-40~85

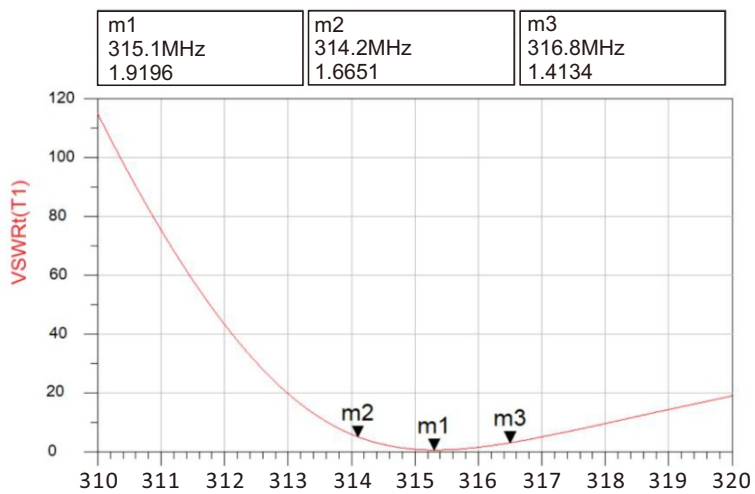
2. Product picture



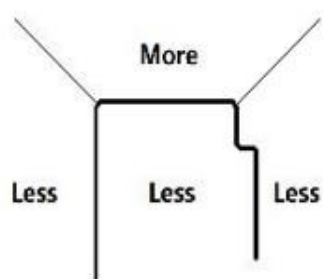
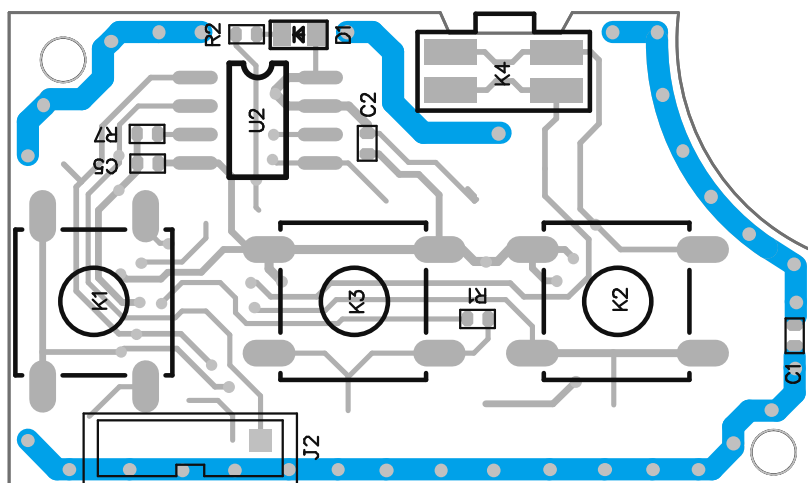
3. Return Loss



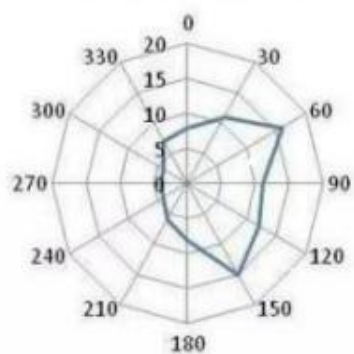
4. VSWR



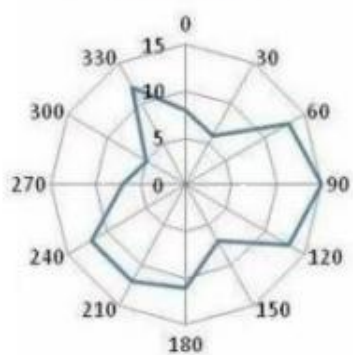
5. Three-dimensional coordinates



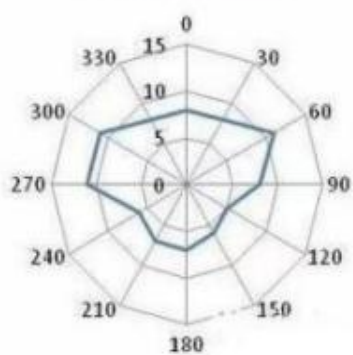
About Z axis



About X axis



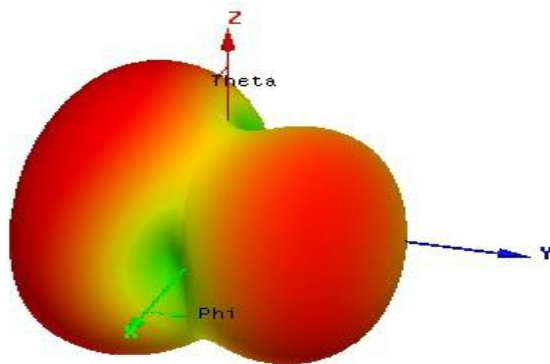
About Y axis



ANT db:

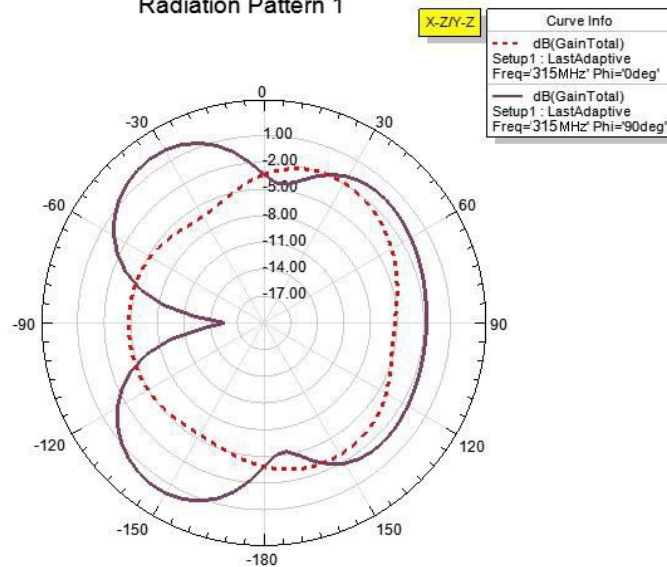
312MHz 0dbi
 313MHz 0dbi
 314MHz 1dbi
 315MHz 2.1dbi
 316MHz 1dbi
 317MHz 0dbi
 318MHz 0dbi

6. 3D gain pattern



7. E, h plan

Radiation Pattern 1



Radiation Pattern 2

