

Product specification

Customer name	SHENZHEN MINGSHIDA COMMUNICATION TECHNOLOGY CO.,LTD Building D, No. 4 Longshan Industrial Zone, Nanwan Street, Longgang District, Shenzhen
Product name	PCB Antenna
Product item	FCC
Sample delivery date	2024.12.1

Manufacturer Rexense

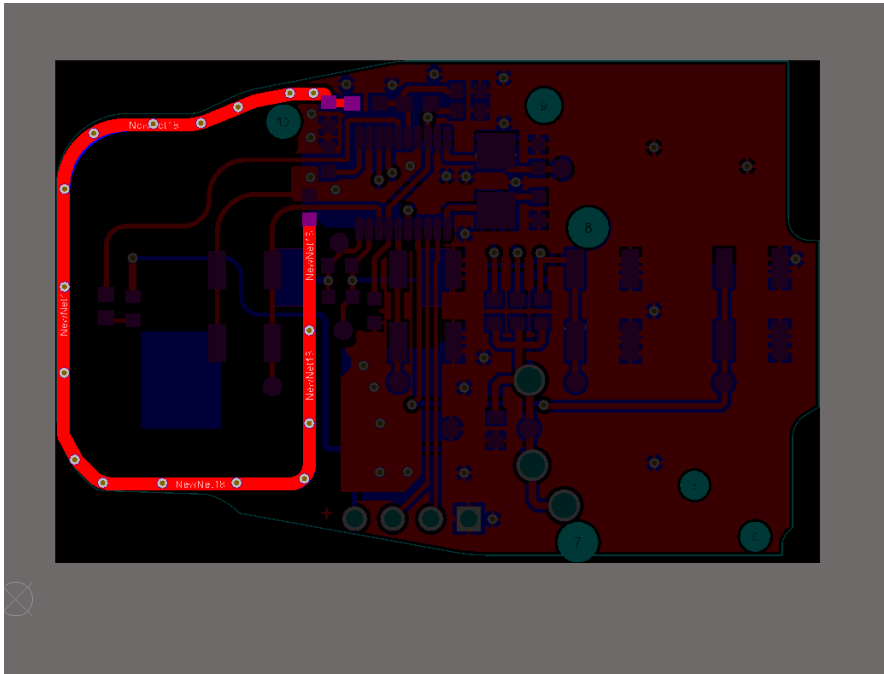
Antenna model Rex PCB_T33

1. Technical indicators of products

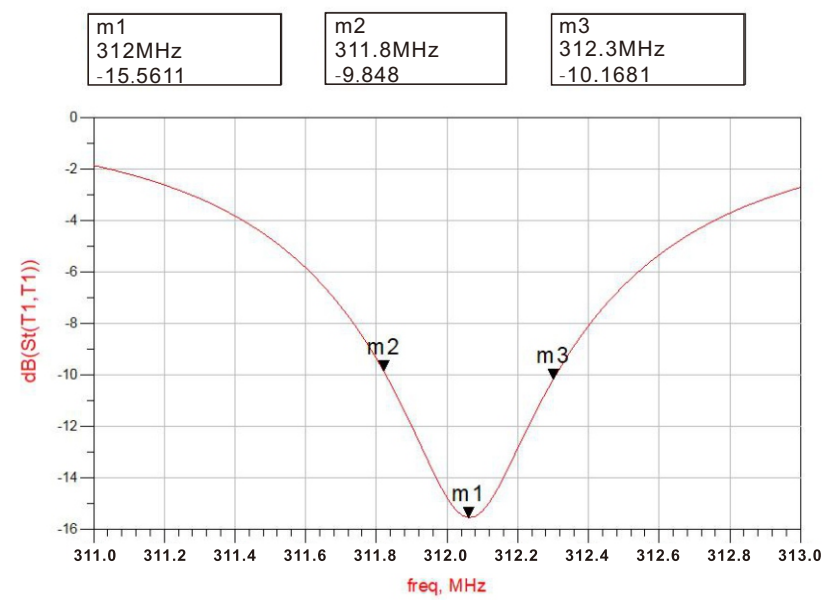
Frequency Range(MHz)	311-315
Band Width(MHz)	2
Impedance(Ω)	50
Return Loss (dB)	-15.6
Gain(dBi) MAX	2.1dBi
Polarization	Linear Vertical
Antenna Material	PCB
Operating Temp ($^{\circ}\text{C}$)	-30~70
Storage Temp ($^{\circ}\text{C}$)	-40~85

2. Product picture

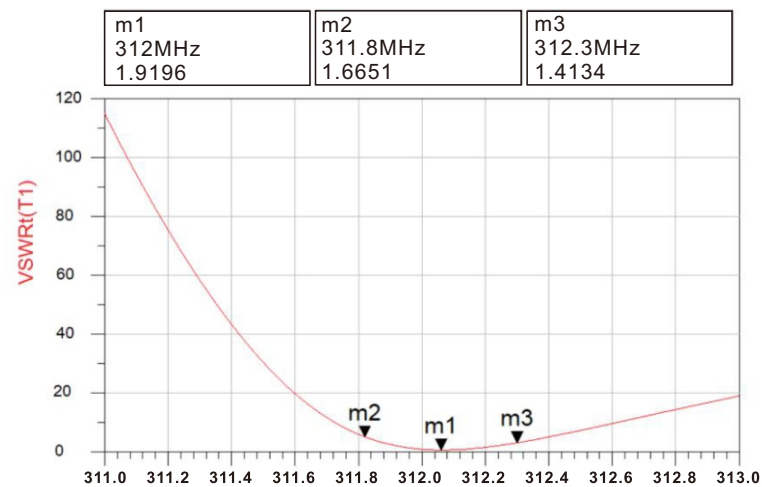
Size:6.8mm*9mm*1mm



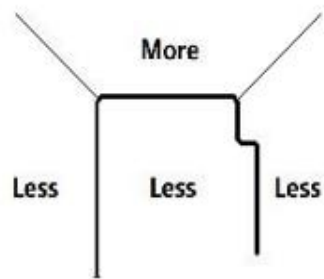
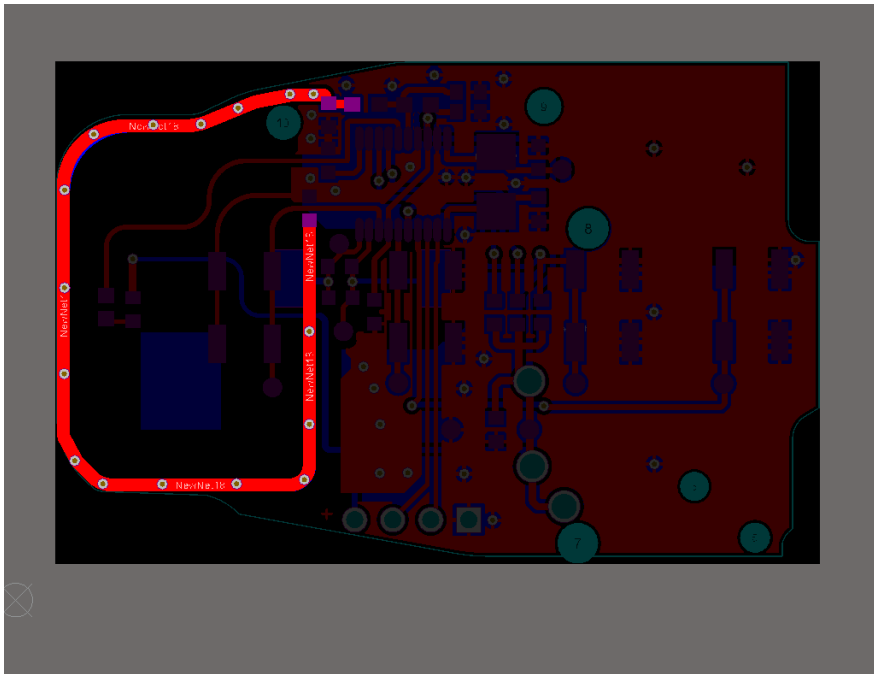
3. Return Loss



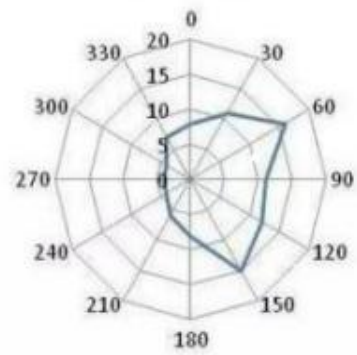
4. VSWR



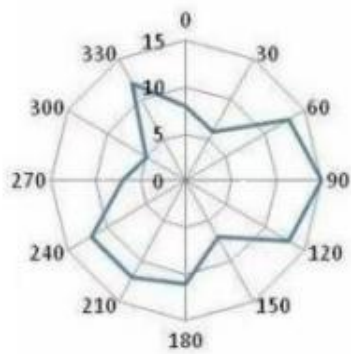
5. Three-dimensional coordinates



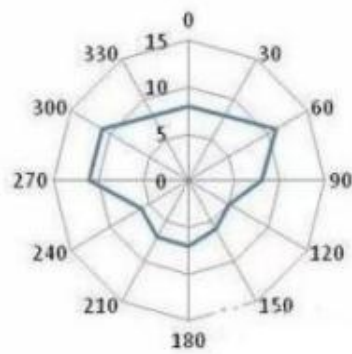
About Z axis



About X axis



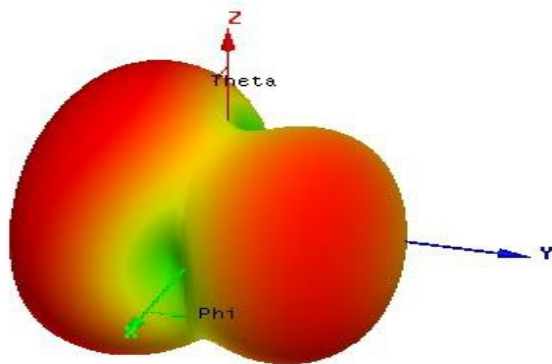
About Y axis



ANT db:

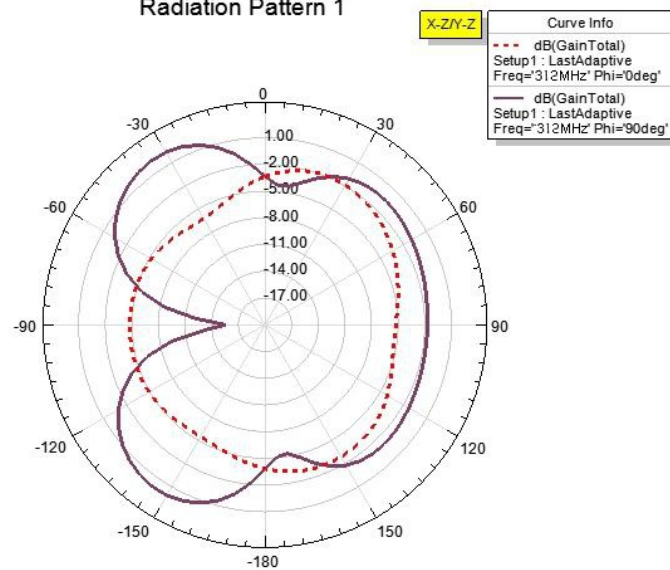
309MHz 0dbi
 310MHz 0dbi
 311MHz 1dbi
 312MHz 2.1dbi
 313MHz 1dbi
 314MHz 0dbi
 315MHz 0dbi

6. 3D gain pattern



7. E, h plan

Radiation Pattern 1



Radiation Pattern 2

