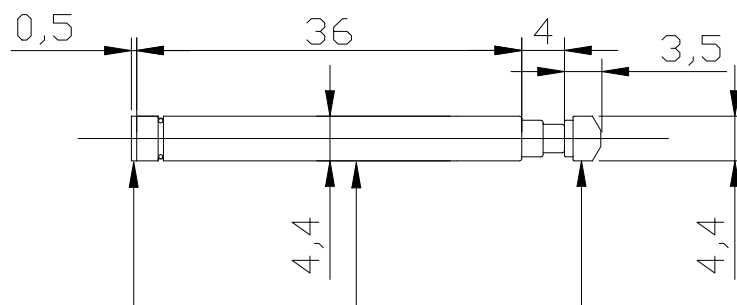


Antenna Specification

1、Electrical performance

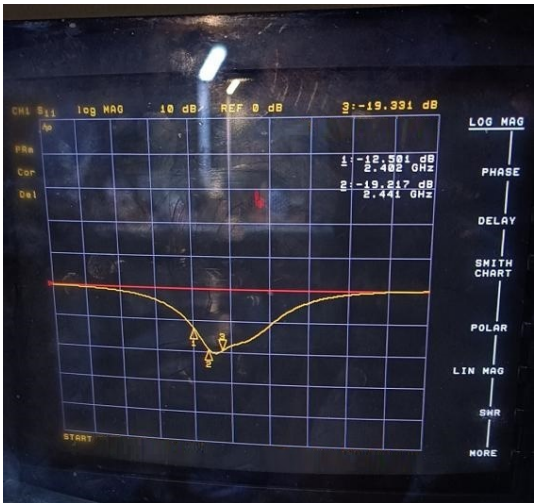
- 1.1) Type of Antenna: External antenna
- 1.2) Frequency range: 315MHz
- 1.3) Gain: 0dBi
- 1.4) Impedance: 50 ohm
- 1.5) VSWR: ≤ 2
- 1.6) Return Loss: ≤ -10 dB
- 1.7) Polarization: Linear
- 1.8) Radiation: Omni-directional
- 1.9) Manufacturer: Guangzhou Yanwu Technology Co., Ltd
- 1.10) address: Room 401, Building 2, No. 9 Heyun Road, Jianggao Town, Baiyun District, Guangzhou City, China

2、Antenna graph



(a) Antenna

3、 Network analyzer graph



(b) Return Loss



(c) VSWR



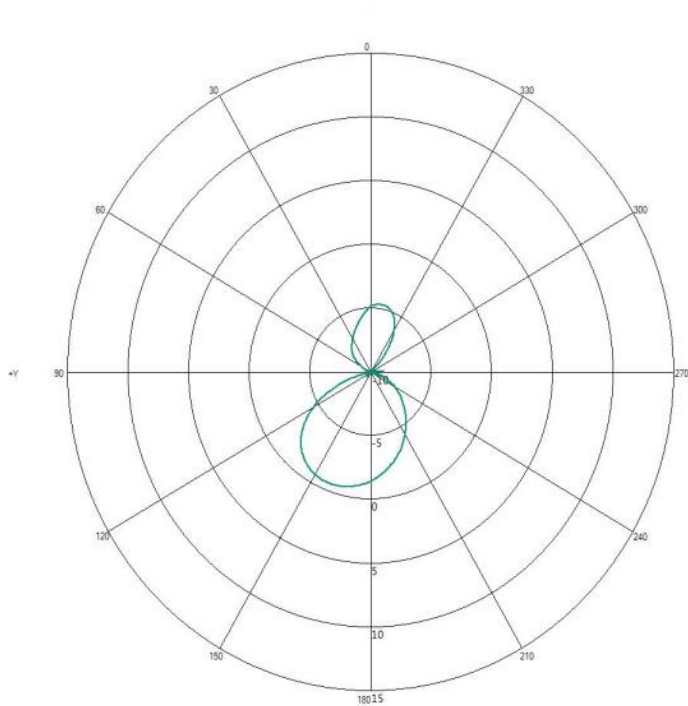
(d) Smith Cha

4、 Gain pattern

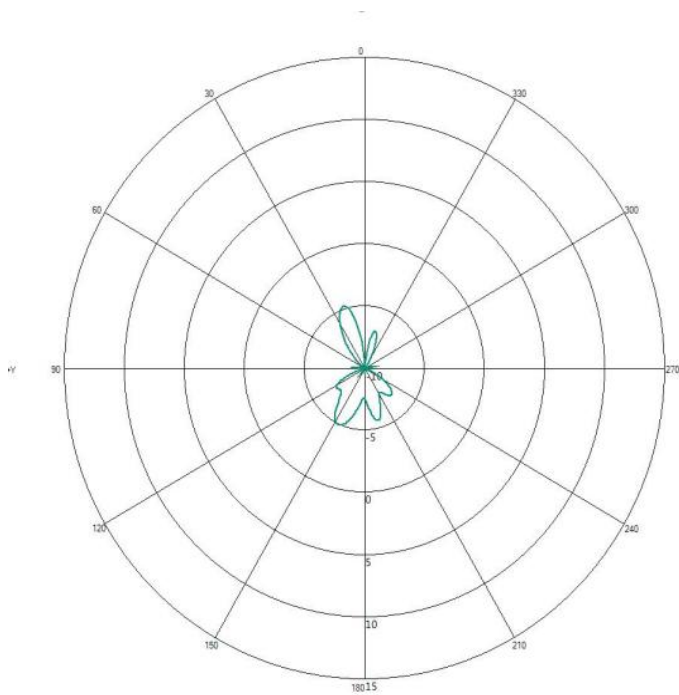
4.1) Gain chart

Freq(MHz)	Gain(dB)	Efficiency(dB)	Efficiency(%)
315	0	-5.55	29.56

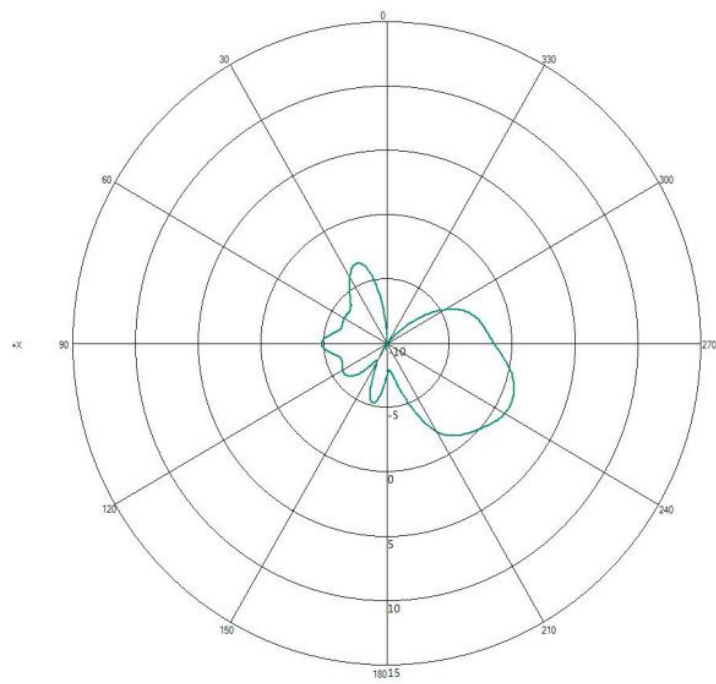
4.2) 2D gain pattern



(f) XY-Plane



(g) ZY-Plane



(h) ZX-Plane