

Antenna test report

Manufacturer:Beijing Silion Technology Corp.,Ltd.
Address:5 Floor, Building A, No.3 Longyu North St., Changping District, Beijing, P.R.China

Name: RFID narrow beam antenna

1. 产品参数 Product parameters

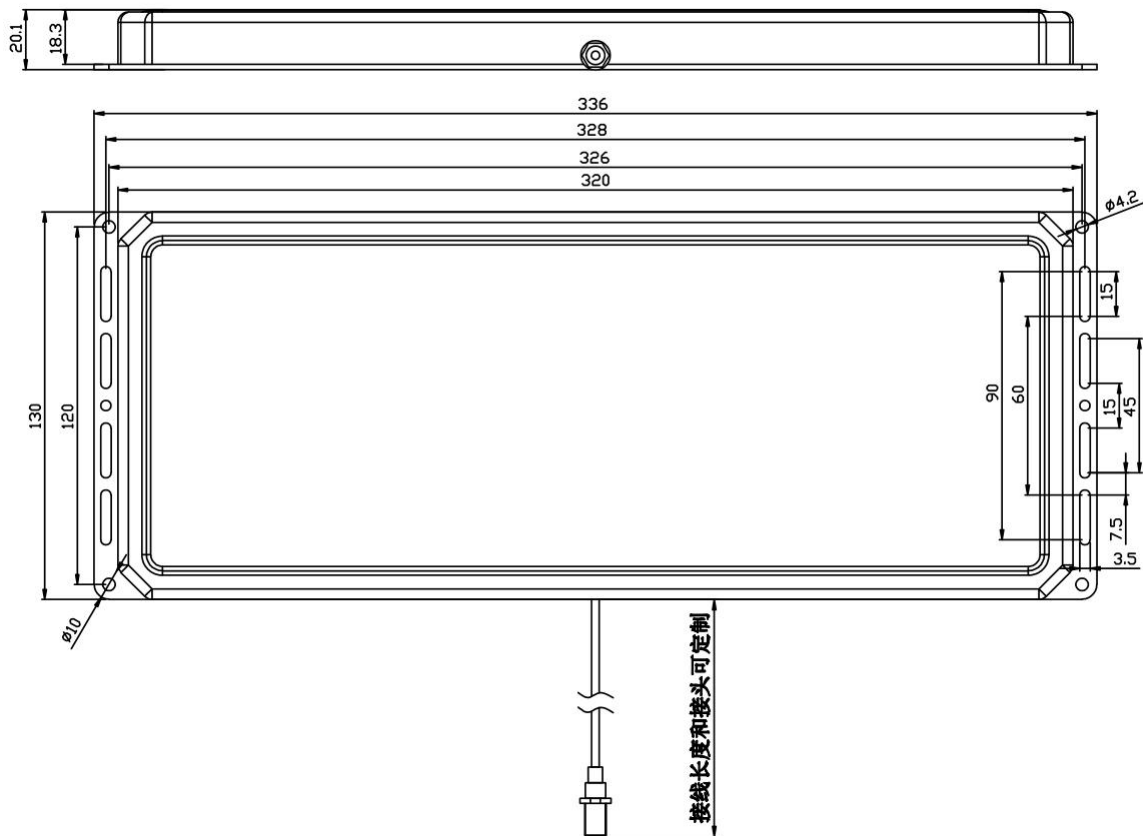
产品型号 Model	UW-RF91508-3213
电气性能 Electrical Specifications	
频率范围 Frequency Range (MHz)	902-928
增益 Gain(dBi)	7dBi
半功率角 Beam Width(°)	Hor:45±1 Ver:90±1
驻波比 VSWR	≤1.5
阻抗 Impedance(Ω)	50
极化方式 Polarization	Circular Polarization
轴比 axial ratio(dB)	≤3
最大功率 MAX. Power (W)	50

机械性能 Mechanical Specifications	
接头 Connector	Internal lead RG316 50cm connector SMA male
接头位置 Connector position	Side lead
天线尺寸 Dimension (mm)	336*130*20mm
净重 Antenna weight (kg)	0.59
辐射材料 Reflector material	FR4 Copper Clad Laminate
天线罩材料 Radome material	ABS
天线罩颜色 Radome color	White
工作温度 Operating temperature (°C)	-40~55

2. 产品图片 Product pictures

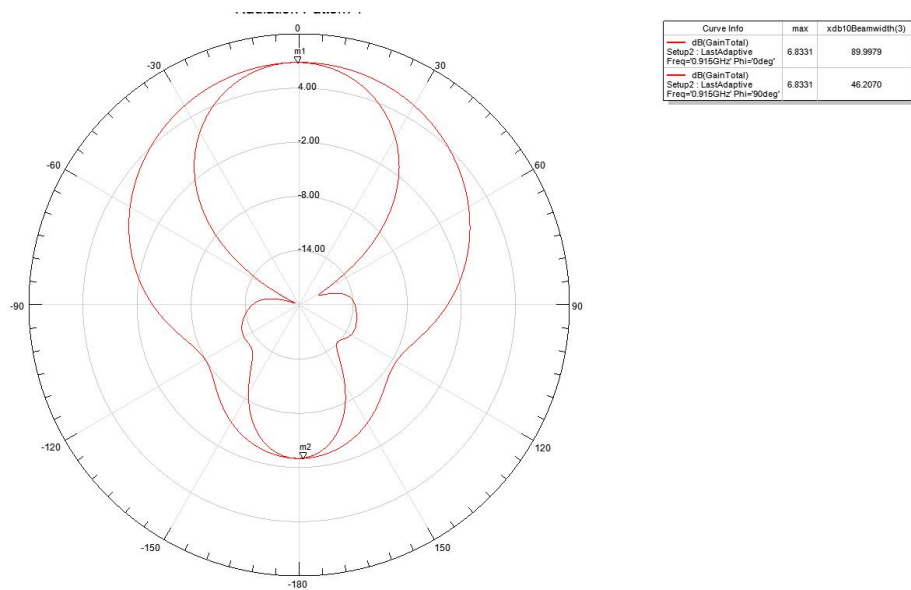


3. 产品尺寸图 product dimensions



4. 辐射方向图 Radiation Patterns

Radiation Direction 2D Diagram.



Radiation direction 3D map.

