



TX915-JK-11B Antenna Specification Sheet

915MHz Bendable Rubber Rod Antenna



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Chapter 1 Product Introduction

The TX915-JK-11B is a bendable rubber rod antenna for the 915MHz band. The antenna is approximately 110mm in height and features an SMA-J connector (SMA internal thread pin). It is suitable for broadband communication systems, wireless hotspot coverage, and mobile terminal devices such as routers, access points (APs), radios, and network cards in the 915MHz band.

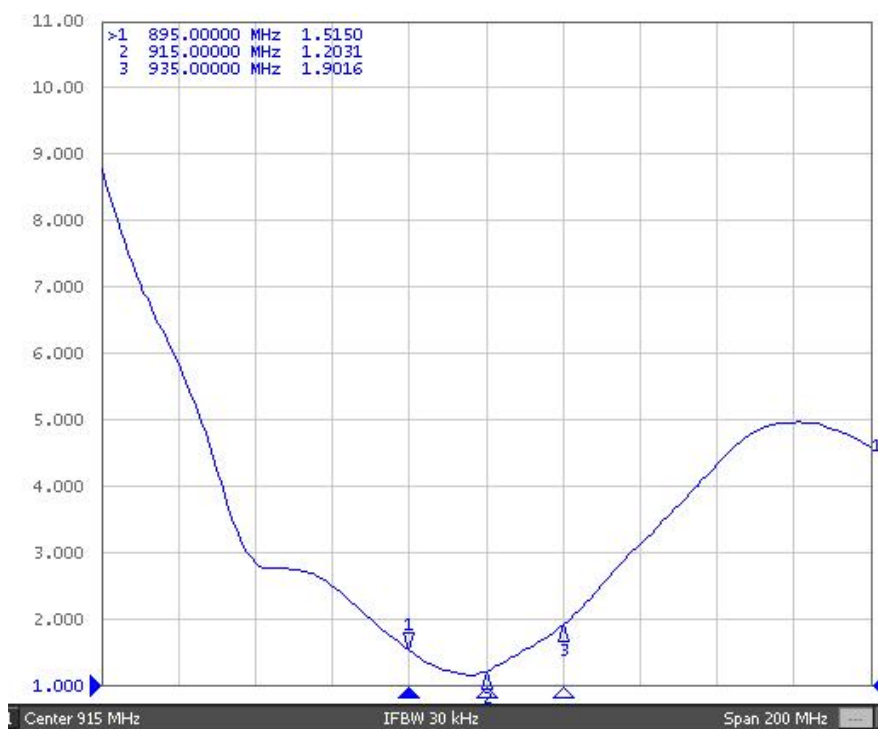
Chapter Two Specifications

Electrical parameters	
Center frequency	915MHz
Antenna bandwidth	895-935MHz
Antenna gain	2.5dBi
Voltage Standing Wave Ratio	≤ 1.5
polarization direction	Vertical polarization
Radiation direction	Omnidirectional
Input impedance	50 Ω
Power capacity	20W
Other parameters	
Product Dimensions	110mm
Overall weight	8g
Antenna housing material	TPEE
Interface method	SMA-J (SMA internal thread inner pin)
Operating temperature	- 30°C~+75°C
Storage temperature	- 30°C~+75°C

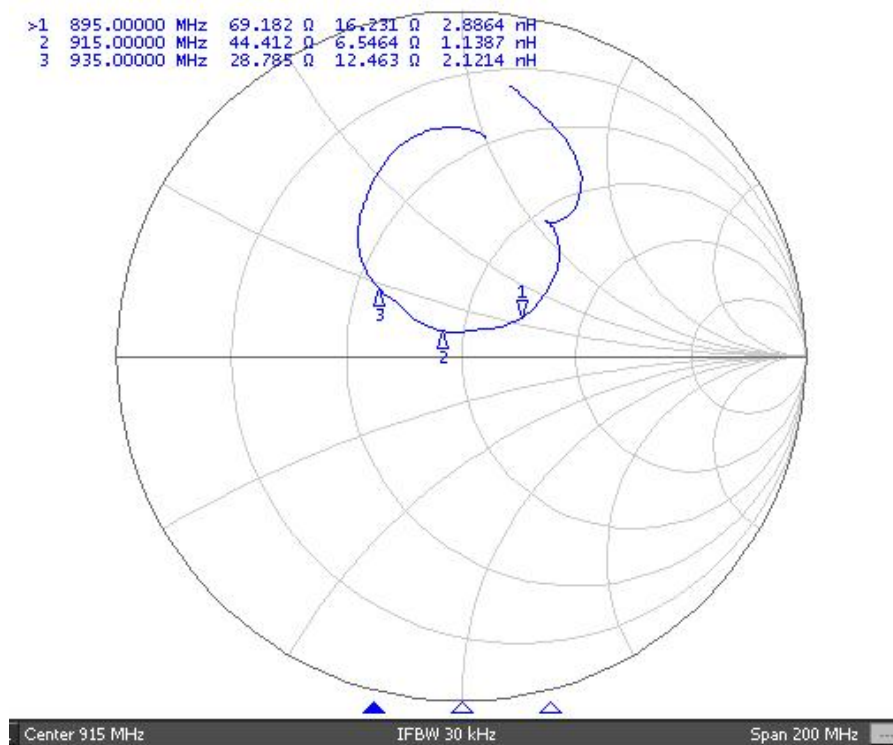


Chapter 3 Antenna Characteristics

Voltage Standing Wave Ratio (VSWR)



Smith chart



Chapter 4 Frequently Asked Questions

- The antenna frequency must match the frequency of the wireless device; otherwise, the communication effect will be poor. The lower the
- communication frequency and the longer the wavelength, the better the diffraction performance.
- When there are obstacles in line-of-sight communication, the communication distance will be reduced accordingly;
- Please note the antenna's radiation direction; incorrect antenna installation will result in a shorter transmission distance. The
- ground absorbs radio waves, so testing near the ground yields poor results; it is recommended to increase the altitude. Seawater
- has a very strong ability to absorb radio waves, so testing at the seaside is not effective. The presence of metal objects near the
- antenna or its placement within a metal casing will cause severe signal attenuation. Poor impedance matching between the
- antenna and the communication equipment will lead to poor communication performance.

about Us



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