TX433-JZR-6 Product Data Sheet

U Band Walkie Talkie Antenna

SMA-J Connector



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I. Product Introduction

TX433-JZR-6 is a U band walkie talkie antenna. Height of the antenna is 60mm with a SMA-J connector (SMA inner screw thread and inner needle). The antenna has the advantages of simple structure, good toughness, omni-direction and convenient use. It can be applied to such devices with frequency of U band as walkie talkie, wireless module and so on.

II. Specification and Parameters

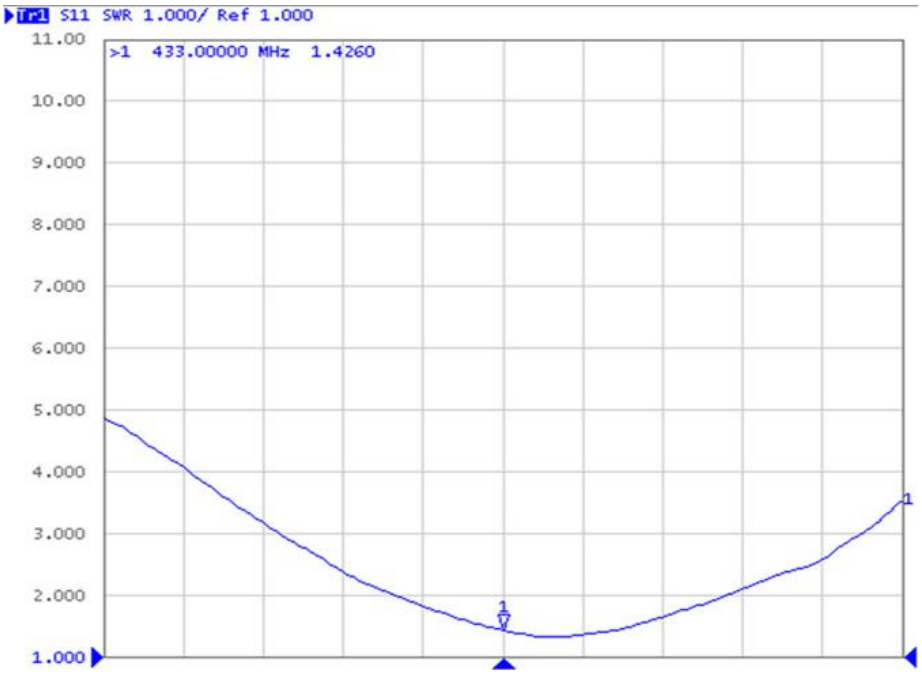
Physical Parameters	
Frequency	U Band
Bandwidth	400-480MHz
Gain	3dBi
SWR	≤1.5
Polarization	Vertical
Radiation Direction	Omnidirectional
Input Impedance	50Ω
Power Capacity	10W
Other Parameters	
Height	60mm
Total Weight	8g
Connector	SMA-J
Working Temperature	-40℃～+85℃
Storage Temperature	-40℃～+85℃

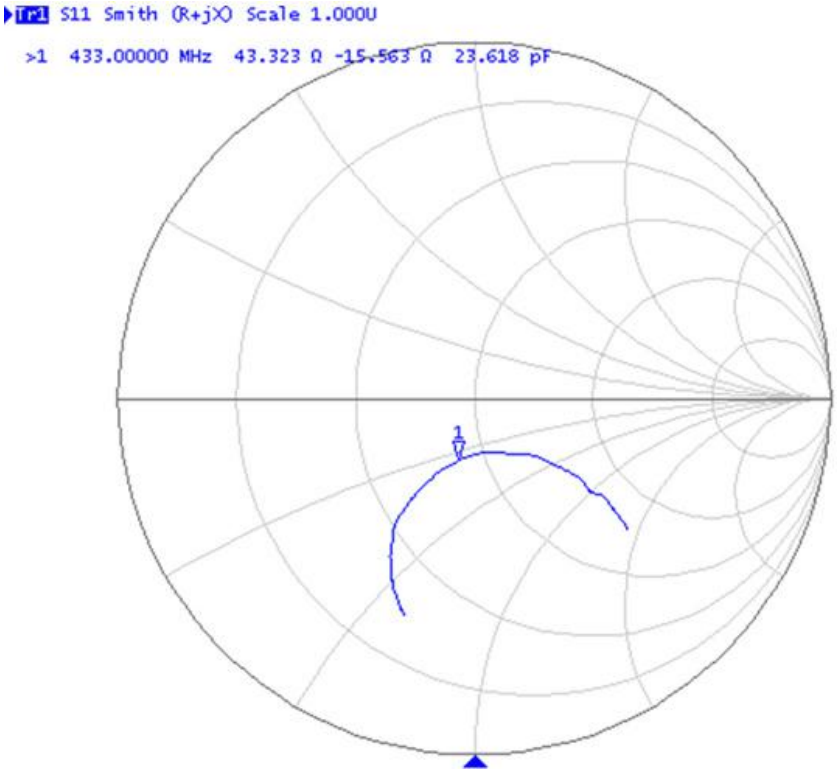


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III. Testing





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IV. FAQ

- Antenna frequency shall be matched with that of the wireless devices, or the communication will be affected;
- Diffraction performance will be better with lower communication frequency and longer wave;
- Communication distance will be shorter if there is any straight-line barrier;
- Please be noted of the antenna radiation direction. Incorrect direction by installation will result in short communication distance;
- As radio wave may be absorbed by the ground, result will be affected if tested close to ground. It is suggested to test at a higher place;
- As radio wave can be highly absorbed by the ocean water, result will be affected if tested close to the sea;
- Signal will be seriously weakened if the antenna is put close to metal or inside metal shell;
- Lower impedance matching of antenna and communication devices will result in bad communication.

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