TX433-JZ-4 Product Data Sheet

U Band Walkie Talkie Antenna

SMA-J Connector



成都亿佰特电子科技有限公司

Chengdu Ebyte Electronic Technology Co.,Ltd.

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

I. Product Introduction

TX433-JZ-4 is a U band walkie talkie antenna. Height of the antenna is 40mm 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

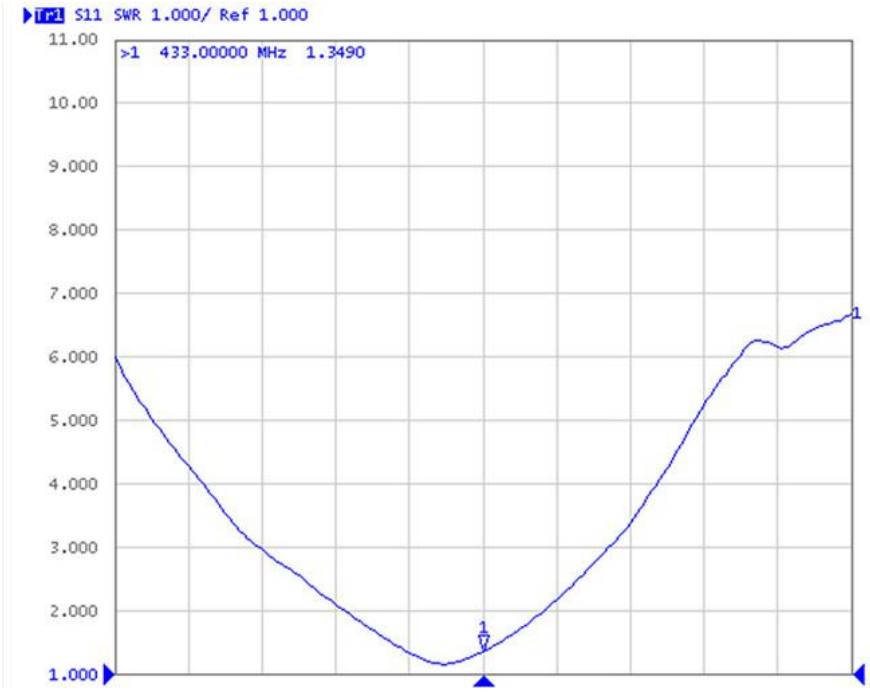
Physical Parameters	
Frequency	U Band
Bandwidth	400-470MHz
Gain	3dBi
SWR	≤1.5
Polarization	Vertical
Radiation Direction	Omnidirectional
Input Impedance	50Ω
Power Capacity	10W
Other Parameters	
Height	40mm
Total Weight	8g
Connector	SMA-J
Working Temperature	-40℃～+85℃
Storage Temperature	-40℃～+85℃

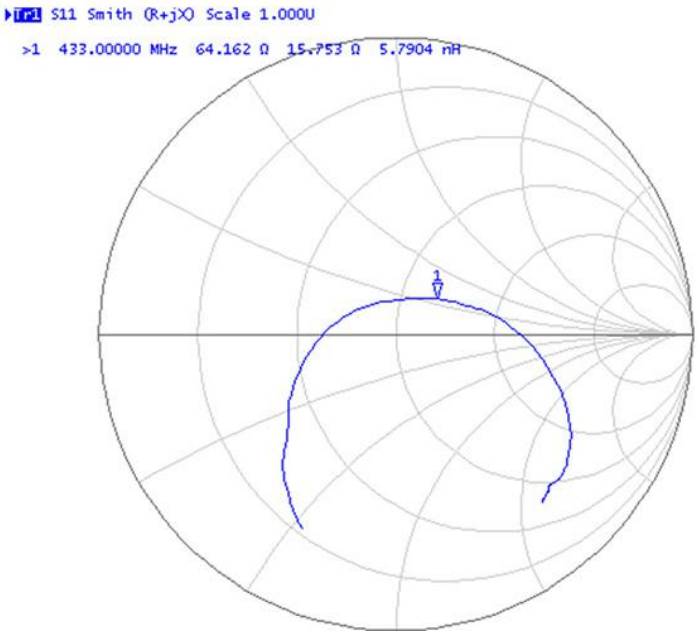


Copyright ©2012–2019, Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

III. Testing





Copyright ©2012–2019, Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

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.

About us

Technical support: support@cdebyte.com

Documents and RF Setting download link: www.ebyte.com

Thank you for using Ebyte products! Please contact us with any questions or suggestions: info@cdebyte.com

---

Fax: 028-64146160 ext. 821

Web: www.ebyte.com

Address: Innovation Center D347, 4# XI-XIN Road,Chengdu, Sichuan, China

成都亿佰特电子科技有限公司
Chengdu Ebyte Electronic Technology Co.,Ltd.

Copyright ©2012–2019, Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000