433-JG-150 Product Data Sheet

433M Portable Cabinet Antenna

SMA-J Interface



Chengdu Ebyte Electronic Technology Co.,Ltd.

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

I. Product Introduction

TX433-JG-150 is a 433M portable cabinet antenna. Size of the antenna is 80mm×30mm. With a SMA-J interface (SMA inner screw thread and inner needle), it can be applied to such devices with frequency of 433M as control box, vehicle, property security, hotel, construction site, outdoor driving, radio and so on.

II. Specification and Parameters

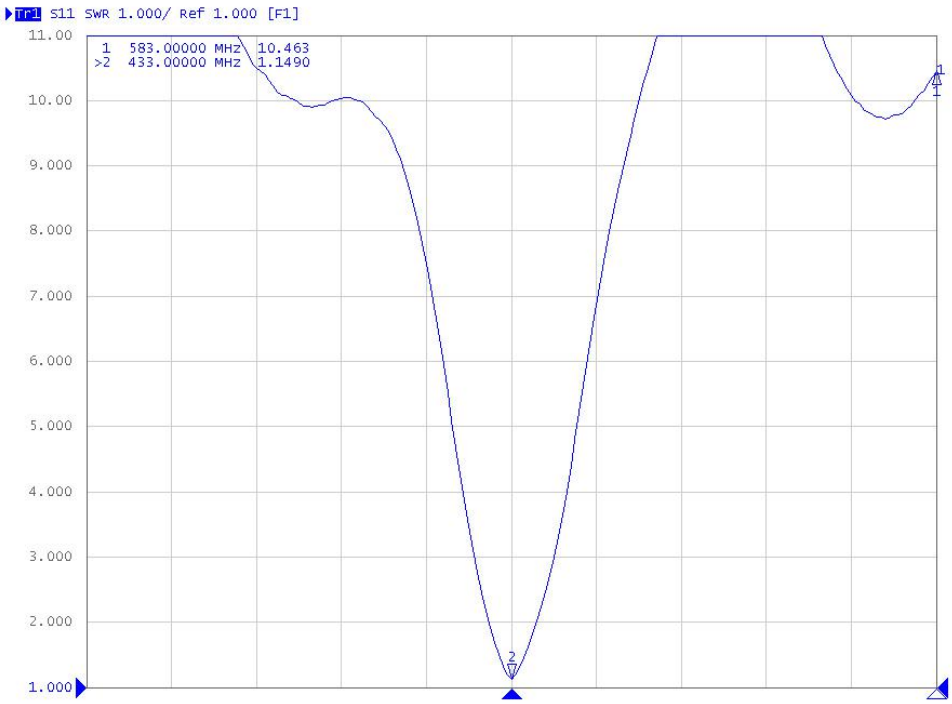
Physical Parameters	
Bandwidth	433M
	423-443MHz
Gain	3.5dBi
SWR	≤1.5
Polarization	Vertical
Radiation Direction	Omnidirectional
Input Impedance	50Ω
Power Capacity	20W
Other Parameters	
Size	80mm×30mm
Feeder Length	1.5m
Feeder Material	RG174
Total Weight	51g
Interface	SMA-J (SMA inner screw thread and inner needle)
Working Temperature	-30℃~+75℃
Storage Temperature	-30℃~+75℃

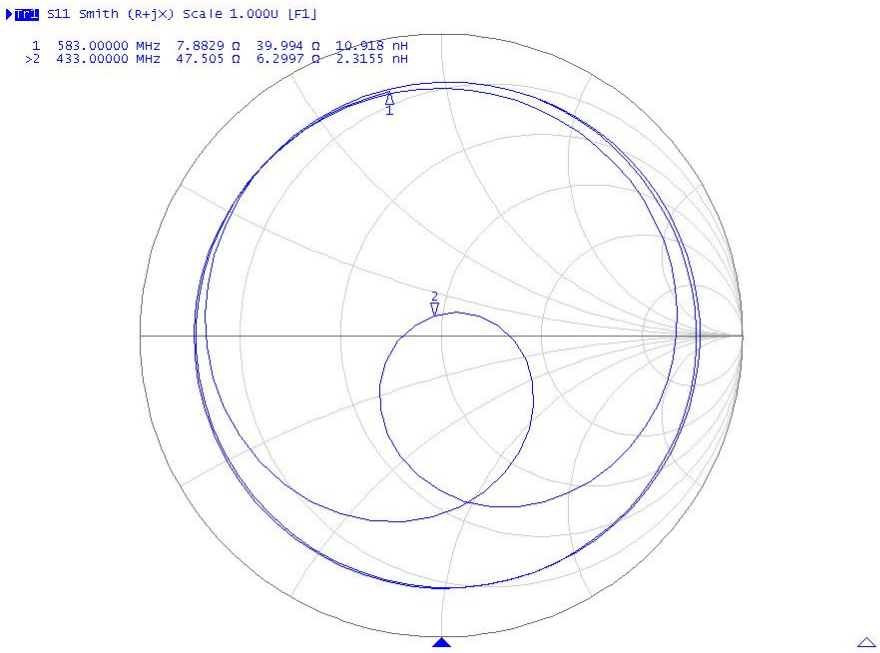


Copyright ©©2012–2020，成都亿佰特电子科技有限公司

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

III. Testing





Copyright©2012–2020，成都亿佰特电子科技有限公司

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

EBYTE® Chengdu Ebyte Electronic Technology Co.,Ltd.

Copyright©2012–2020，成都亿佰特电子科技有限公司

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