



# TXGN-JW-5 Product Data Sheet

**NB-IoT/GPRS/GSM Rubber Antenna  
SMA Male Connector**



## I. Product Introduction

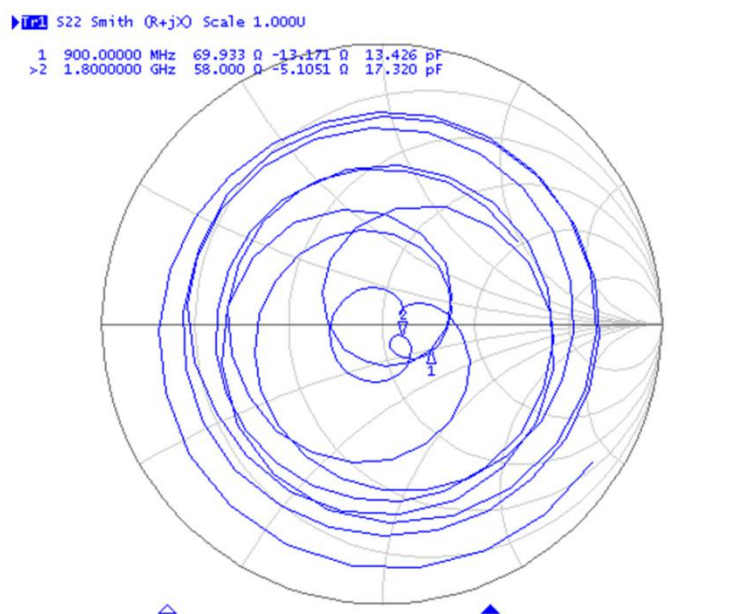
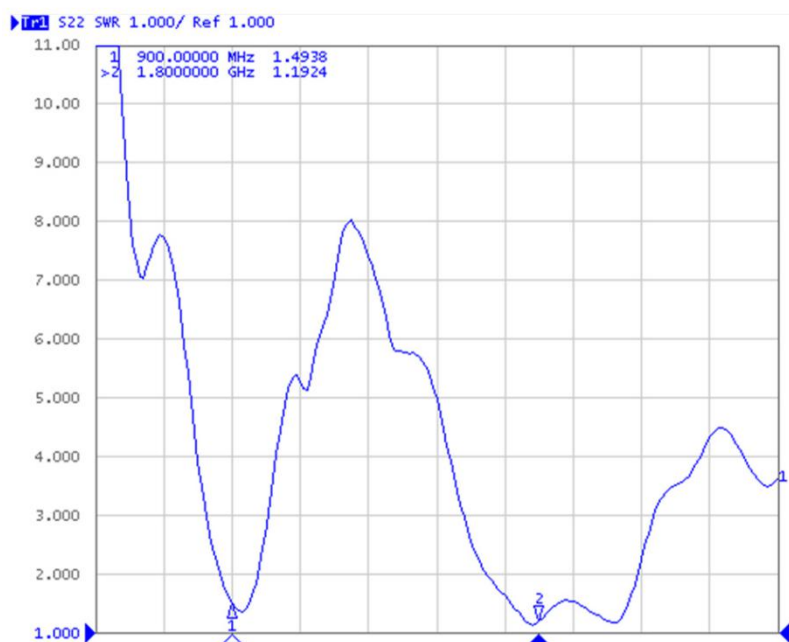
TXGN-JW-5 is a NB-IoT/GPRS/GSM rubber antenna. Height of the antenna is 50mm. With a SMA male connector (SMA inner screw thread and inner needle), it can be applied to such broadband communication system, WLAN and mobile terminal equipment with frequency of NB-IoT/GPRS/GSM as router, AP, radio station, WiFi, smart TV and so on.

## II. Specification and Parameters

Physical Parameters	
Frequency	NB-IoT/GPRS/GSM
Bandwidth	824-1990MHz
Gain	2.5dBi
SWR	≤1.5
Polarization	Vertical
Radiation Direction	Omnidirectional
Input Impedance	50 Ω
Power Capacity	20W
Other Parameters	
Height	50mm
Total Weight	6g
Coat Material	TPEE
Connector	SMA Male (SMA inner screw thread and inner needle)
Working Temperature	-40℃~+85℃
Storage Temperature	-40℃~+85℃



### III. Testing



## 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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