



## TX4G-JKS-20 Product Data Sheet

**4G/LTE Bendable Rubber Antenna**  
**SMA-J Interface**

## I. Product Introduction

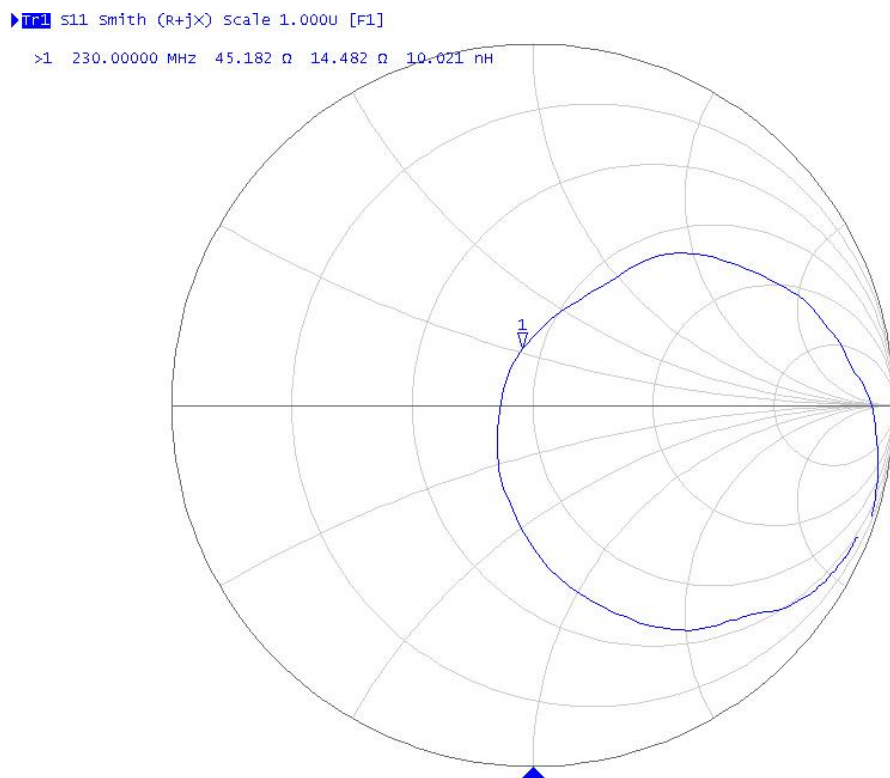
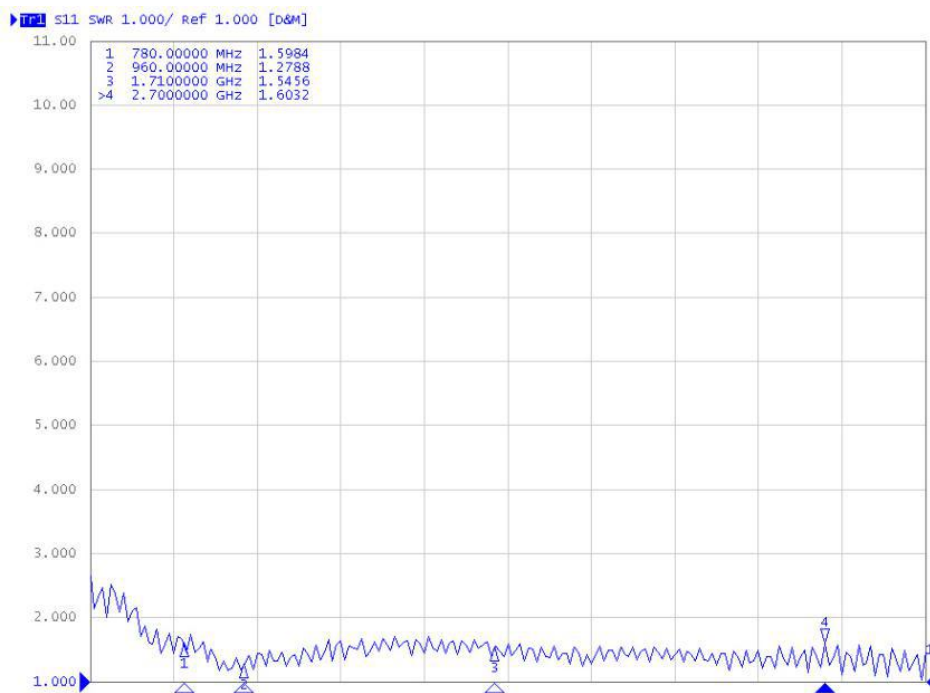
TX4G-JKS-20 is a 4G/LTE bendable rubber antenna. Height of the antenna is 195mm. With a SMA-J interface (SMA inner screw thread and inner needle), it can be applied to such broadband communication system, WiFi, mobile terminal devices with frequency of 4G/LTE as router, AP,radio, aircard, smart TV and so on.

## II. Specification and Parameters

| Physical Parameters |  |
|---------------------|--|
| Bandwidth           | 4G/LTE   |
|                     | 800-960MHz,1710-2700MHz                            |
| Gain                | 5dBi   |
| SWR                 | ≤1.5   |
| Polarization        | Vertical   |
| Radiation Direction | Omnidirectional                                    |
| Input Impedance     | 50 Ω   |
| Power Capacity      | 20W  |
| Other Parameters    |  |
| Height              | 195mm  |
| Total Weight        | 20g  |
| Coat Material       | TPEE   |
| Interface           | SMA-J<br>(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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