



TX4G-XPL17-150



I. Product Introduction

TX4G-XPL17-150 is a 4G/LTE antenna with a suction cup. Height of the antenna is 200mm. With a SMA male connector and a powerful suction cup, it can stick tightly to the metal surface. This antenna is top loaded and can be applied to such wireless devices with frequency of 4G/LTE as wireless module, data transmission radio and so on.

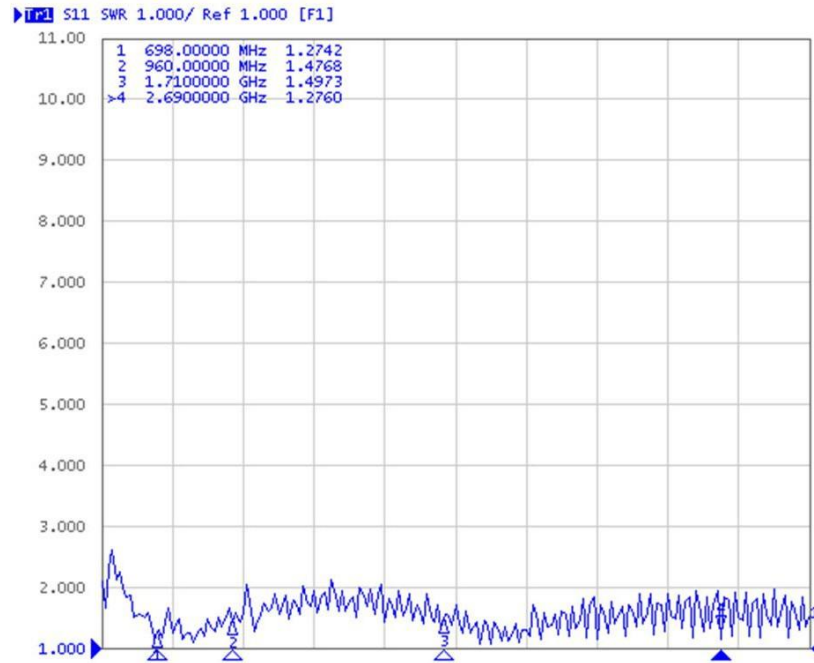
II. Specification and Parameters

| Physical Parameters | |
|---------------------|---------------------------------|
| Bandwidth | 4G/LTE |
| | 780-960MHz,1710-2700MHz |
| Gain | 4dBi |
| SWR | ≤ 1.5 |
| Polarization | Vertical |
| Radiation Direction | Omnidirectional |
| Input Impedance | 50 Ω |
| Power Capacity | 50W |
| Other Parameters | |
| Height | 200mm |
| Sucker Cup Diameter | 30mm |
| Material | Carbon Steel+ABS |
| Total Weight | 36g |
| Cable Length | 1.5 m (customization available) |
| Cable Material | RG174 |
| Connector | SMA male |
| Working Temperature | -40℃ ~ +85℃ |
| Storage Temperature | -40℃ ~ +85℃ |

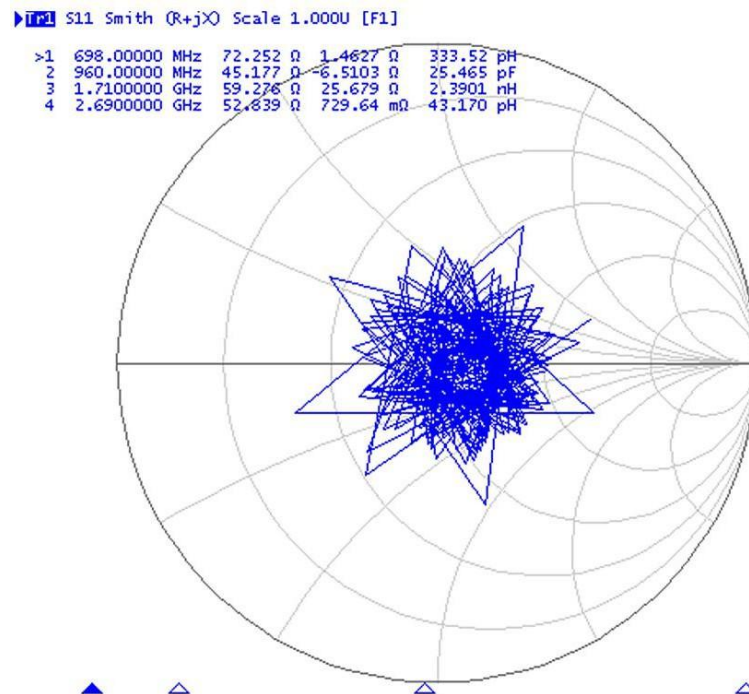


III. Testing

VSWR



Smith Chart



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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