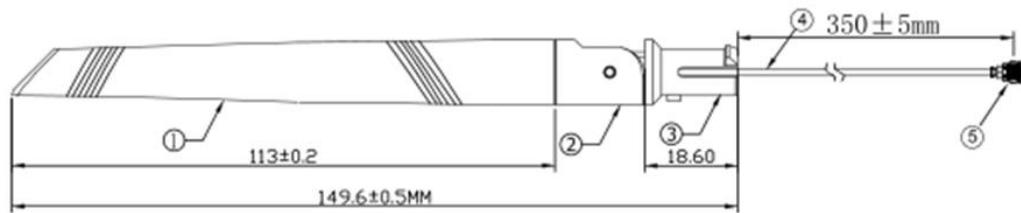


1. Antenna Description:

| | |
|-----------------|---|
| Antenna type | External Antenna |
| Model | Spherical machine V86 |
| Frequency range | 2400-2500MHz |
| Manufacturer | Jiangxijinlankeji Co., Ltd. |
| Address | No. 202-10, Xintang Township, Chaisang District, Jiujiang City, Jiangxi Province, China |
| ANT Peak Gain | 5.21 dBi |

2. Antenna Photo:



3. Test Equipment & Conditions

3.1 Test instrument

VSWR is tested using Agilent E5071B connected to a hand mechanism, and the status is free space.

3.2 Test environment and methods

Dark room specifications: ETS-743

TD-SCDMA test equipment: [StarPoint SP6010](#)/Agilent 8960

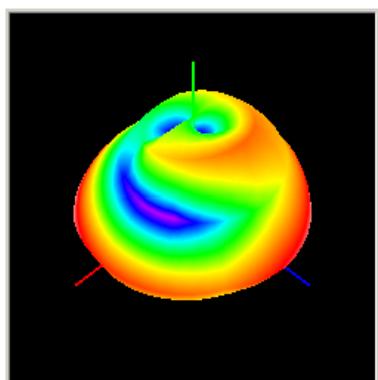
LTE-TDD/FDD-SCDMA test equipment: [StarPoint SP8011](#)/CMW500

WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B

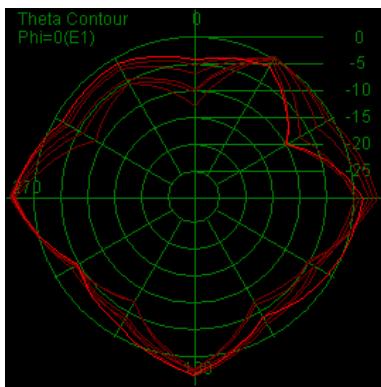


4 . Antenna Radiation Pattern

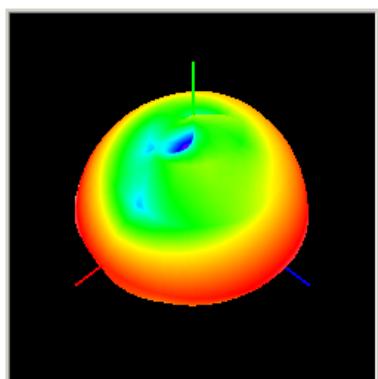
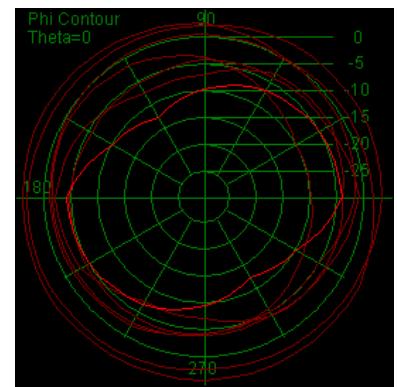


2.4GHz

Gain: 5.21dBi

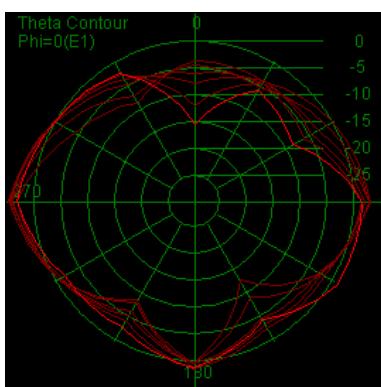


Efficiency:84.5%



2.5GHz

Gain:5.14dBi



Efficiency:85.3%

