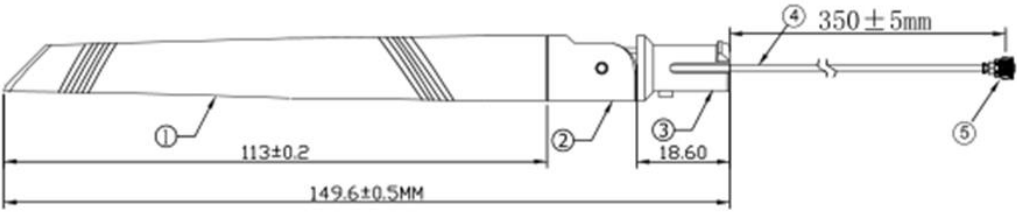


# 1. Antenna Description:

|                 |   |
|-----------------|---|
| 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

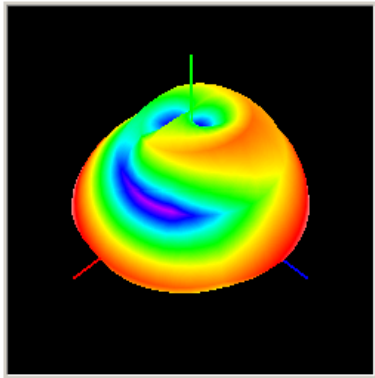
LTE-TDD/FDD-SCDMA test equipment: StarPoint SP8011/CMW500

WCDMA/GSM/CDMA test equipment: Agilent 8960

Passive efficiency testing equipment: Agilent Technologies E5071B



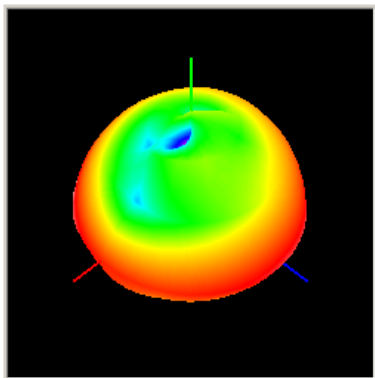
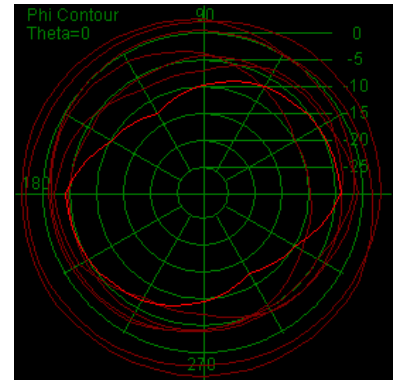
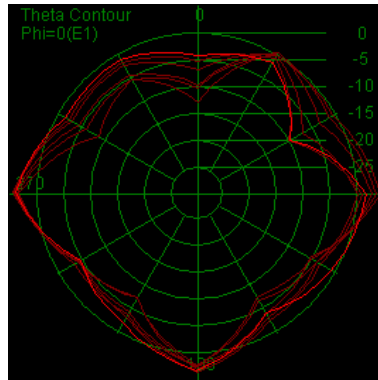
## 4 . Antenna Radiation Pattern



2.4GHz

Gain: 5.21dBi

Efficiency: 84.5%



2.5GHz

Gain: 5.14dBi

Efficiency: 85.3%

