

## Feature

- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth
- ※ GSM850/PCS1900  
LTE B2/B4/B5/B12/B66

| Name and address of the antenna manufacturer                                                                                                                            | Model number of the antenna |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Shenzhen Anwei Wireless Technology Co., Ltd<br>2nd Floor, East Block, Building 5, Yifenghua<br>Technology Park, Huaning Road, Dalang, Longhua<br>New District, Shenzhen | WT003-AW-V3                 |

| TYPE                  |                                    |
|-----------------------|------------------------------------|
| Transmitter Frequency | GSM 850/LTE B5 : 824 – 849 MHz     |
|                       | GSM 900 : 880 – 915 MHz            |
|                       | DCS 1800/LTE B66 : 1710 – 1780 MHz |
|                       | PCS 1900/LTE B2 : 1850-1910MHz     |
|                       | LTE B4 : 1710-1755 MHz             |
|                       | LTE B12 : 699-716MHz               |
| Receiver Frequency    | GSM 850/LTE B5 : 869 – 894 MHz     |
|                       | GSM 900 : 925 – 960 MHz            |
|                       | DCS 1800/LTE B66 : 1805 – 1880 MHz |
|                       | LTE B4 : 2110-2155 MHz             |
|                       | PCS 1900/LTE B2 :1930-1990MHz      |
|                       | LTE B66 :2620-2690MHz              |
|                       | LTE B12 :758-803MHz                |

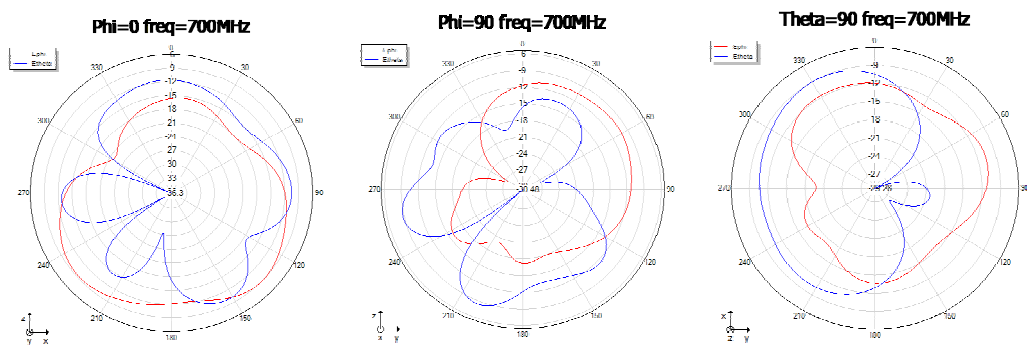
|                           |      |                                 |
|---------------------------|------|---------------------------------|
| RF-Output Power (E.I.R.P) |      | GSM850/900: 32+/-2dBm           |
|                           |      | DCS/PCS: 30+/-2dBm              |
|                           |      | WCDMA:N/A                       |
|                           |      | LTE B2/ B4/B5/B12/B66:23+/-2dBm |
| Antenna Gain              | ANT1 | GSM850:-8.83 dBi                |
|                           |      | GSM900:-17.11 dBi               |
|                           |      | DCS1800: -2.00 dBi              |
|                           |      | PCS1900: -1.74 dBi              |
|                           |      | LTE B2: -1.74 dBi               |
|                           |      | LTE B4: -2.00 dBi               |
|                           |      | LTE B5:-8.83 dBi                |
|                           |      | LTE B12:-6.55 dBi               |
|                           |      | LTE B66:-2.00 dBi               |
|                           | ANT2 | GPS:-2.86 dBi                   |
|                           |      | WIFI 2.4G:-4. 52 dBi            |
|                           |      | BT/BLE:-4. 52 dBi               |

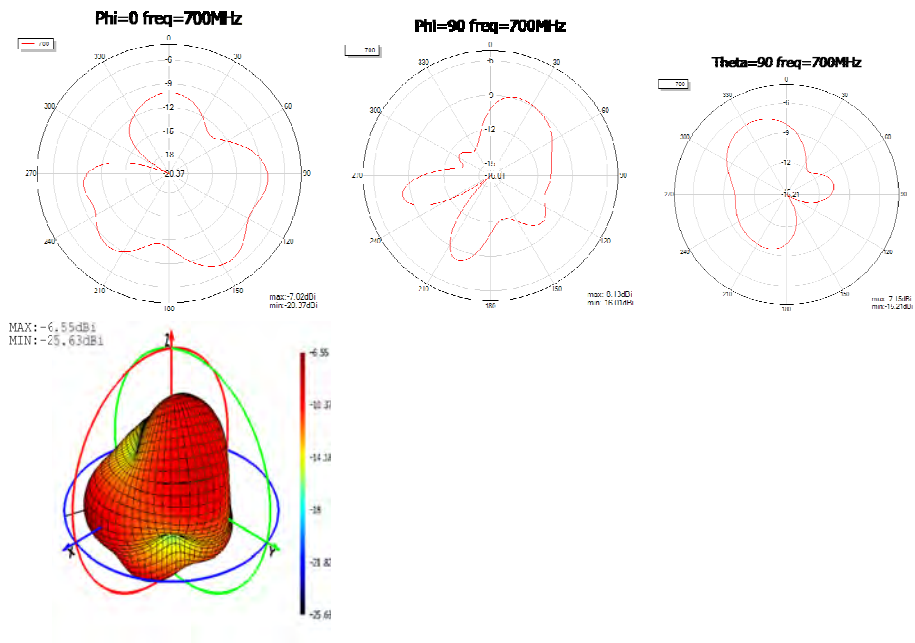
ANT1

※ Antenna Gain

Main Antenna

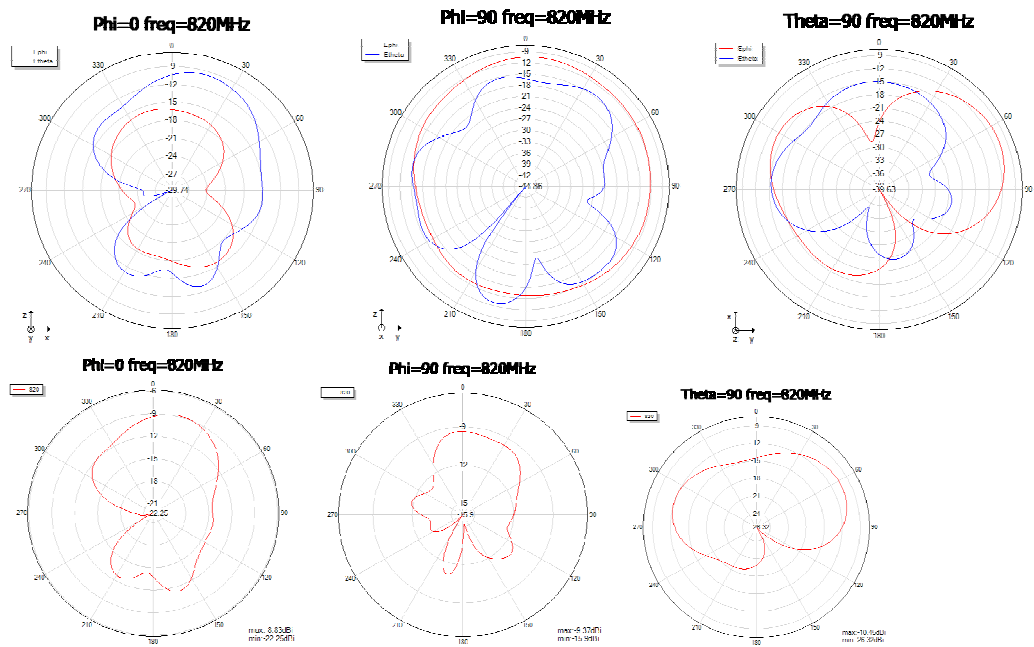
LTE-B12

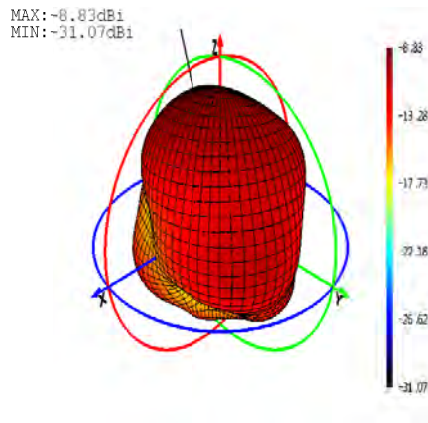




## ✧ Antenna Gain

Main Antenna GSM850/LTE B5

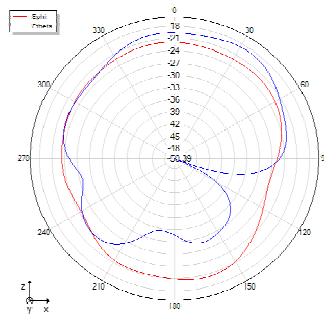




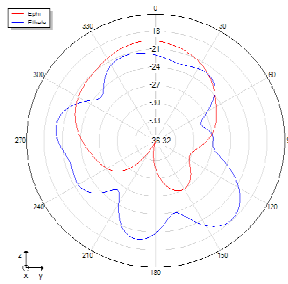
## Antenna Gain

Main Antenna GSM900

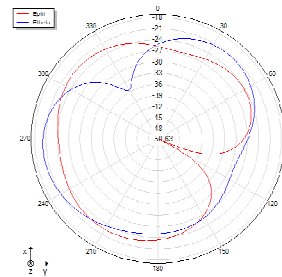
**Phi=0 freq=880MHz**



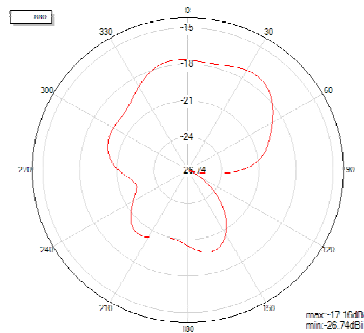
**Phi=90 freq=880MHz**



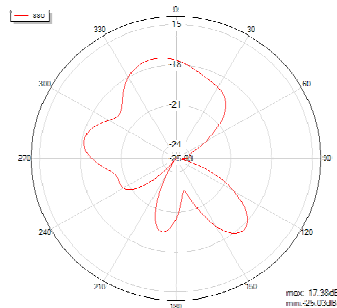
**Theta=90 freq=880MHz**



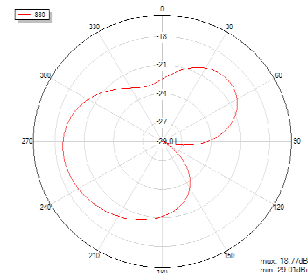
**Phi=0 freq=880MHz**



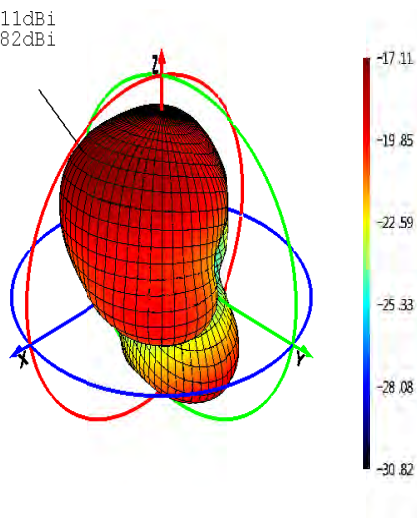
**Phi=90 freq=880MHz**



**Theta=90 freq=880MHz**



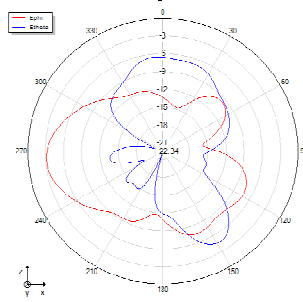
MAX:-17.11dBi  
MIN:-30.82dBi



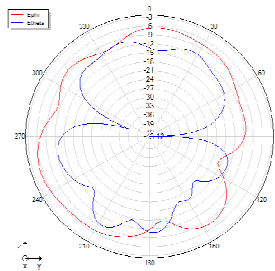
## Antenna Gain

### Main AntennaDCS1800/LTE B4/B66

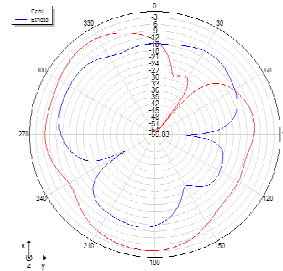
**Phi=0 freq=1780MHz**



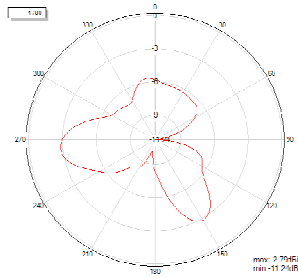
**Phi=90 freq=1780MHz**



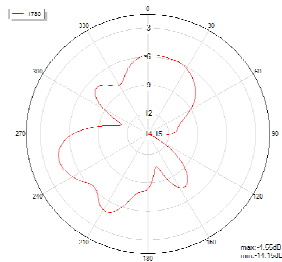
**Theta=90 freq=1780MHz**



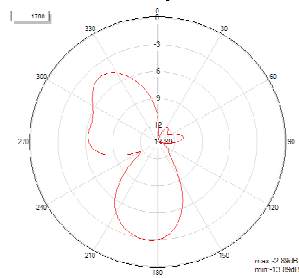
**Phi=0 freq=1780MHz**



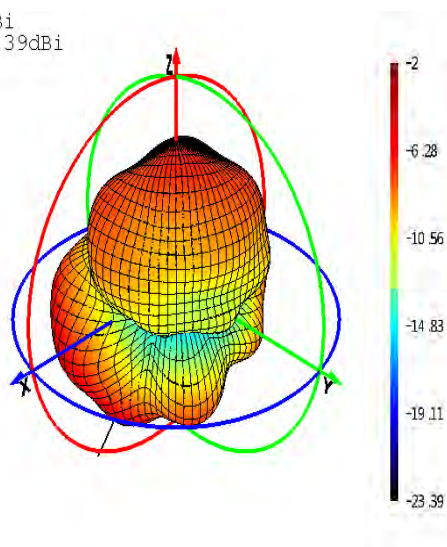
**Phi=90 freq=1780MHz**



**Theta=90 freq=1780MHz**

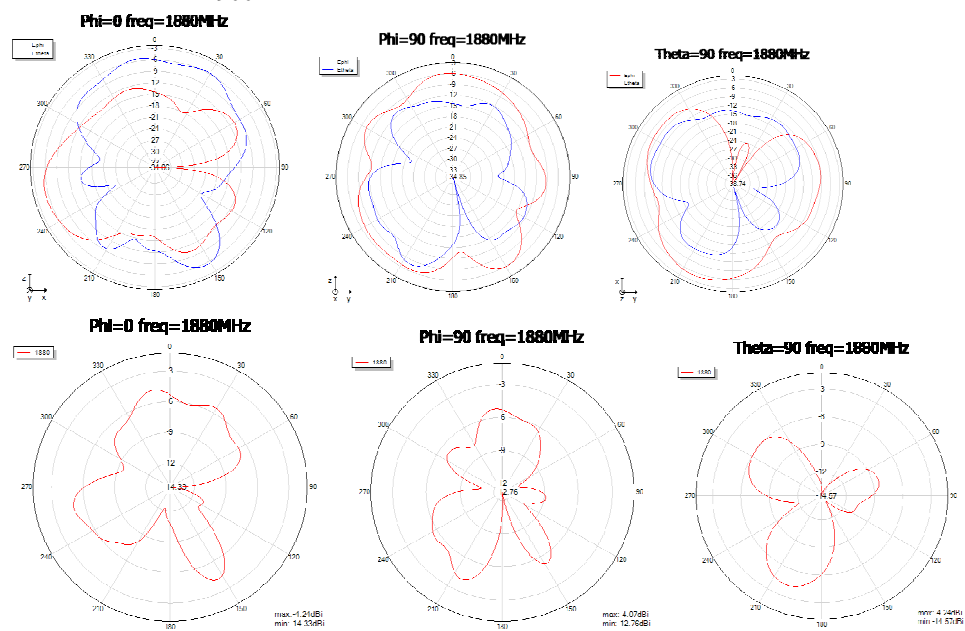


MAX:-2dBi  
MIN:-23.39dBi

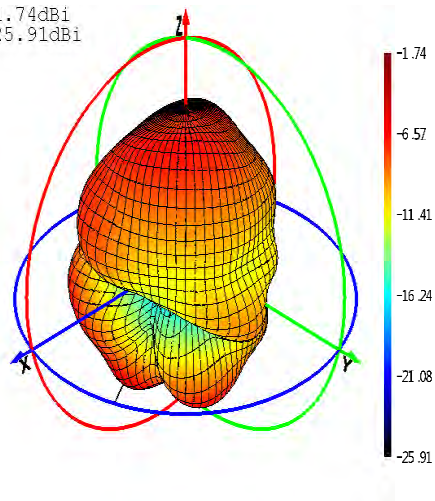


## Antenna Gain

### Main Antenna PCS1900/LTE B2



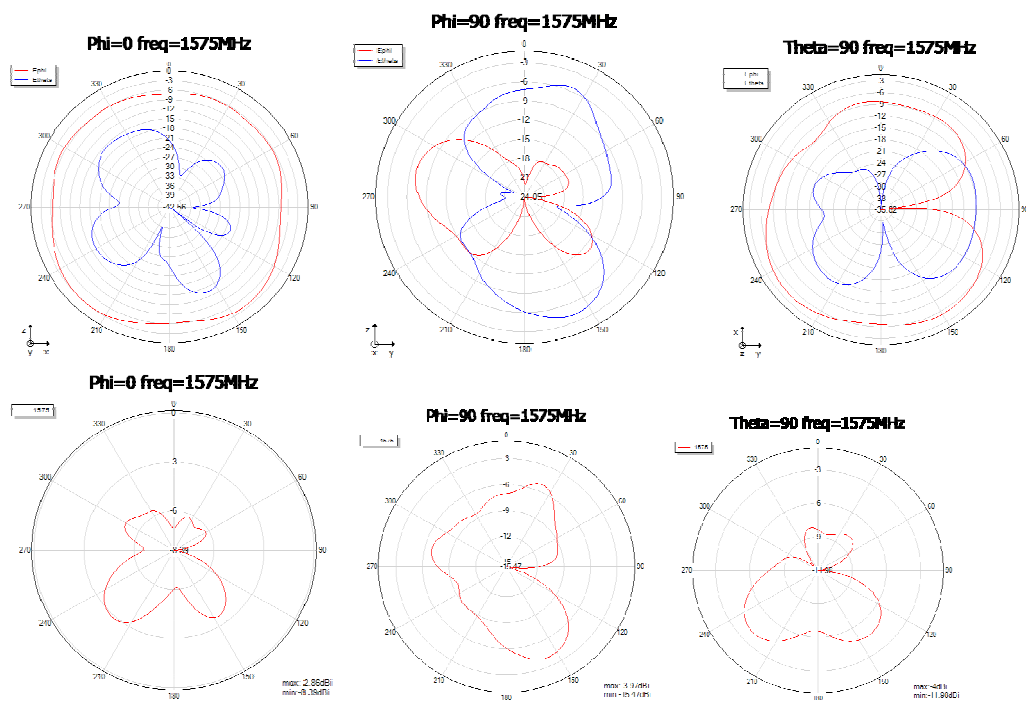
MAX:-1.74dBi  
MIN:-25.91dBi



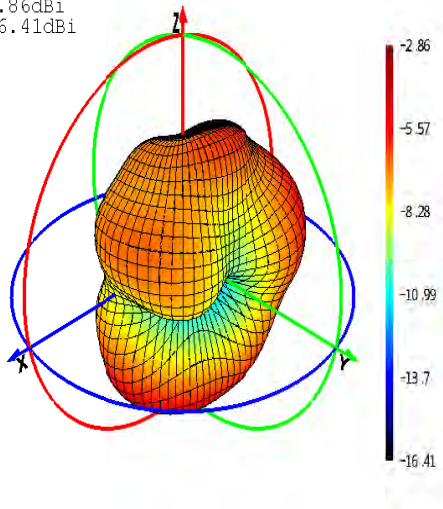
## ANT2

### Antenna Gain

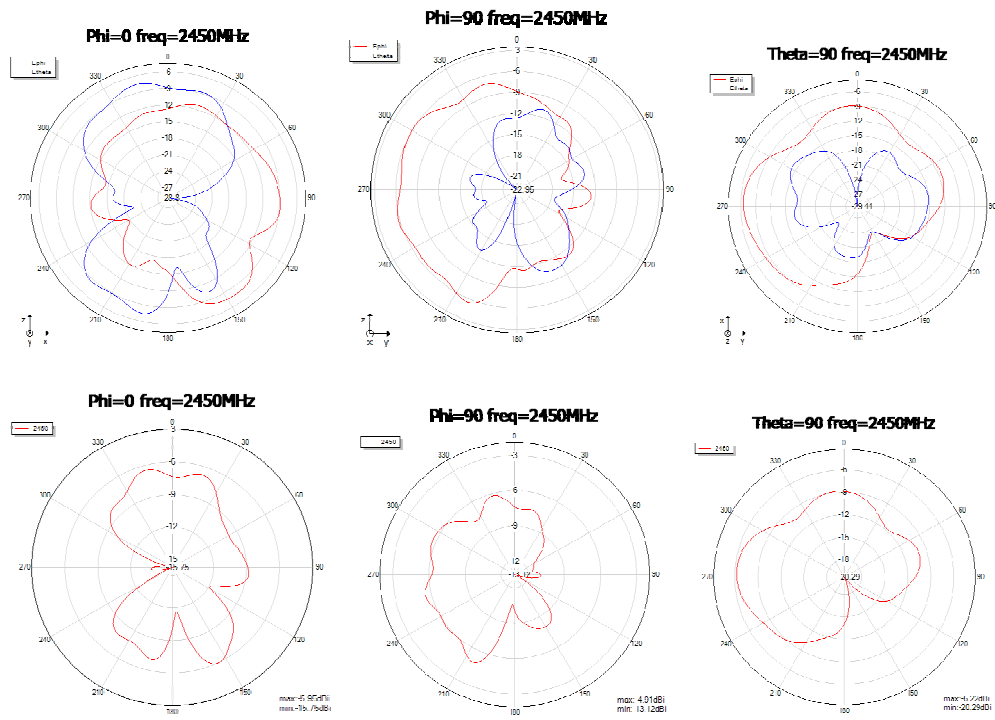
### GPS Antenna



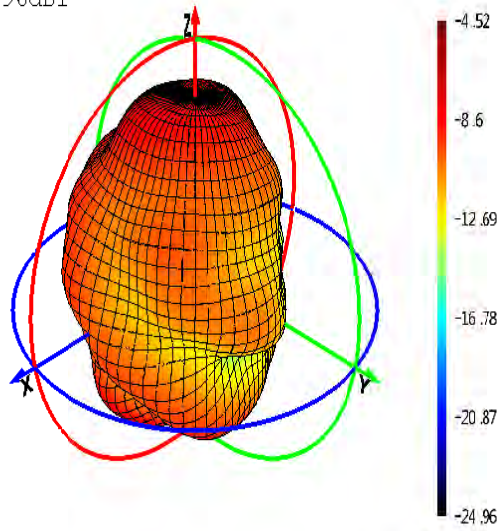
MAX:-2.86dBi  
MIN:-16.41dBi



Antenna Gain  
**2.4G WIFI/BT** Antenna



MAX:-4.52dBi  
MIN:-24.96dBi



| PREPARED BY | CHECKEDBY  | APPROVAL BY | S.R.NO |            |
|-------------|------------|-------------|--------|------------|
|             | Yuehua.sun |             | DATE:  | 2023/09/13 |