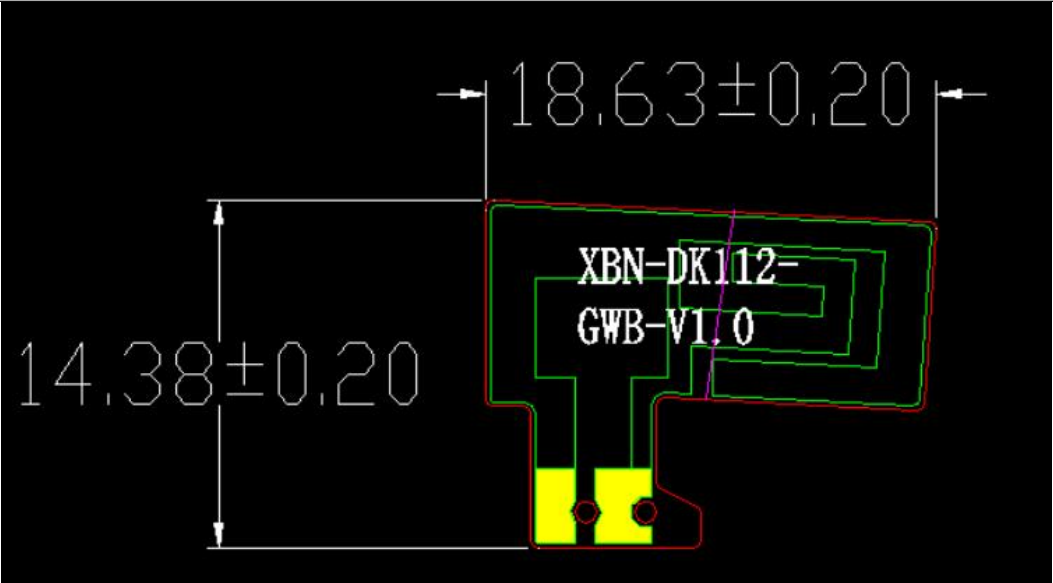
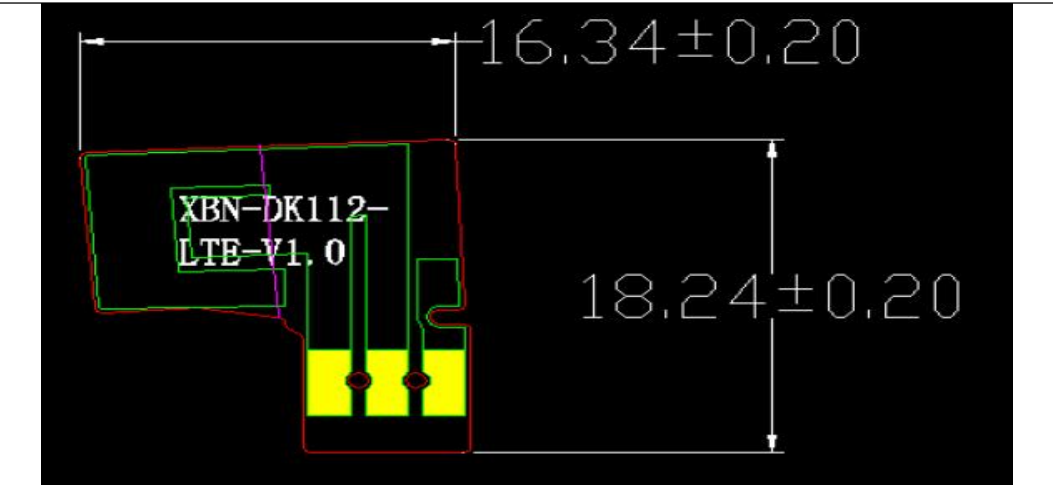


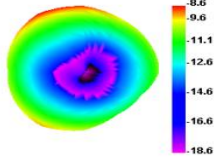
| Technical Specification |                                                                                                              |              |                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------|
| Antenna Mode            | DK112                                                                                                        | Manufactured | Shenzhen Xinbinuo Communication Technology Co., Ltd. |
| Address                 | 3rd Floor, Area A, Building 25, Feipeng Industrial Park, No. 171 Ping'an Avenue, Longgang District, Shenzhen |              |                                                      |
| Size & Picture          |  <p>Ant0: PIFA</p>         |              |                                                      |
|                         |  <p>G/W/B: PIFA</p>       |              |                                                      |
|                         |  <p>Ant1: PIFA</p>       |              |                                                      |

| Technical Specification |                                                     |        |           |                        |              |                  |     |
|-------------------------|-----------------------------------------------------|--------|-----------|------------------------|--------------|------------------|-----|
| Band                    |                                                     | Mode   | Name      | Frequency              | Antenna Type | Antenna Max Gain |     |
| <b>GSM<br/>Band</b>     | <input checked="" type="checkbox"/> Band-5 GSM 850  |        |           | 824-894                | PIFA         | -5.29            | dBi |
|                         | <input checked="" type="checkbox"/> Band-8 GSM 900  |        |           | 880-960                |              | -4.16            |     |
|                         | <input checked="" type="checkbox"/> Band-3 DCS 1800 |        |           | 1710-1880              |              | -0.41            |     |
|                         | <input checked="" type="checkbox"/> Band-2 PCS 1900 |        |           | 1850-1990              |              | 0.23             |     |
| <b>UMTS<br/>Band</b>    | <input checked="" type="checkbox"/> Band-1 2100     |        |           | 1920-2170              | PIFA         | 0.78             | dBi |
|                         | <input checked="" type="checkbox"/> Band-2 1900     |        |           | 1850-1990              |              | 0.23             |     |
|                         | <input checked="" type="checkbox"/> Band-4          |        |           | 1710-1755<br>2110-2155 |              | -0.37            |     |
|                         | <input checked="" type="checkbox"/> Band-5 850      |        |           | 824-894                |              | -5.29            |     |
|                         | <input checked="" type="checkbox"/> Band-8 900      |        |           | 880-960                |              | -4.16            |     |
| <b>LTE<br/>Band</b>     | <input checked="" type="checkbox"/> Band-1 2100     | FDD    |           | 1920-2170              | PIFA         | 0.78             | dBi |
|                         | <input checked="" type="checkbox"/> Band-2 1900     | FDD    |           | 1850-1990              |              | 0.23             |     |
|                         | <input checked="" type="checkbox"/> Band-3 1800     | FDD    |           | 1710-1880              |              | -0.41            |     |
|                         | <input checked="" type="checkbox"/> Band-4          | FDD    |           | 1710-1755<br>2110-2155 |              | -0.37            |     |
|                         | <input checked="" type="checkbox"/> Band-5 850      | FDD    |           | 824-894                |              | -5.29            |     |
|                         | <input checked="" type="checkbox"/> Band-7 2600     | FDD    |           | 2500-2690              |              | 1.17             |     |
|                         | <input checked="" type="checkbox"/> Band-8 900      | FDD    |           | 880-960                |              | -4.16            |     |
|                         | <input checked="" type="checkbox"/> Band-12 700     | FDD    |           | 699-746                |              | -6.82            |     |
|                         | <input checked="" type="checkbox"/> Band-13 700     | FDD    |           | 746-787                |              | -6.27            |     |
|                         | <input checked="" type="checkbox"/> Band-17 700     | FDD    |           | 704-746                |              | -6.56            |     |
|                         | <input checked="" type="checkbox"/> Band-18 800     | FDD    |           | 815-875                |              | -5.82            |     |
|                         | <input checked="" type="checkbox"/> Band-19 800     | FDD    |           | 830-890                |              | -5.36            |     |
|                         | <input checked="" type="checkbox"/> Band-20 800     | FDD    |           | 791-862                |              | -5.97            |     |
|                         | <input checked="" type="checkbox"/> Band-26 800     | FDD    |           | 841-894                |              | -5.16            |     |
|                         | <input checked="" type="checkbox"/> Band-28 700     | FDD    |           | 703-803                |              | -6.77            |     |
|                         | <input checked="" type="checkbox"/> Band-38 2600    | TDD    |           | 2570-2620              |              | 1.05             |     |
|                         | <input checked="" type="checkbox"/> Band-40 2300    | TDD    |           | 2300-2400              |              | 0.78             |     |
|                         | <input checked="" type="checkbox"/> Band-41 2500    | TDD    |           | 2496-2690              |              | 1.17             |     |
|                         | <input checked="" type="checkbox"/> Band-66         | FDD    |           | 1710-1780<br>2110-2200 |              | -0.32            |     |
| <b>WiFi</b>             | <input checked="" type="checkbox"/> 802.11b/g/n     | 2.4GHz | Wi-Fi 4   | 2401-2495              | PIFA         | 1.23             | dBi |
|                         | <input checked="" type="checkbox"/> 802.11a/n/ac/ax | 5GHz   | Wi-Fi 5/6 | 5185-5825              |              | 0.89             |     |
| <b>BT</b>               | <input checked="" type="checkbox"/> Bluetooth       |        |           | 2400-2500              | PIFA         | 1.23             | dBi |
| <b>GPS</b>              | <input checked="" type="checkbox"/> Gps L1 Band     |        |           | 1575.42                | PIFA         | -0.96            | dBi |
|                         |                                                     |        |           |                        |              |                  |     |
|                         |                                                     |        |           |                        |              |                  |     |
|                         |                                                     |        |           |                        |              |                  |     |

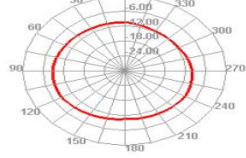
# Technical Specification

## Main 3-D Patten Plots

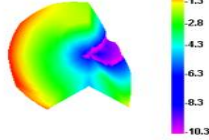
690.000MHz



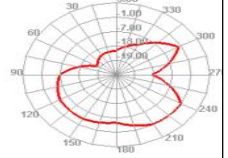
690.000MHz H



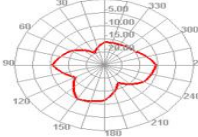
870.000MHz



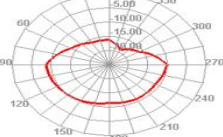
870.000MHz H



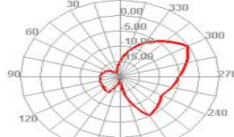
690.000MHz E1



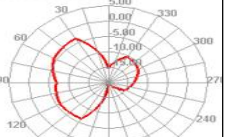
690.000MHz E2



870.000MHz E1



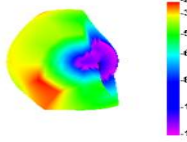
870.000MHz E2



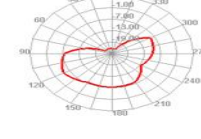
Main:690Mhz

Main:870Mhz

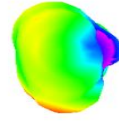
960.000MHz



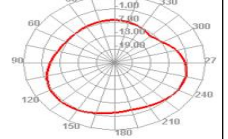
960.000MHz H



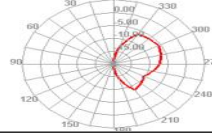
1700.000MHz



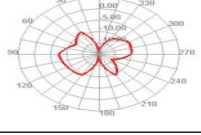
1700.000MHz H



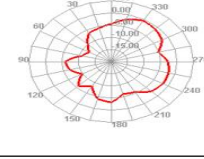
960.000MHz E1



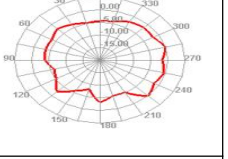
960.000MHz E2



1700.000MHz E1



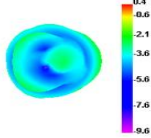
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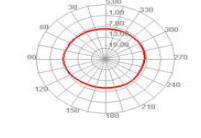
Main: 960Mhz

Main: 1700Mhz

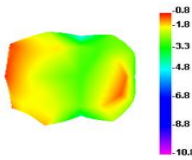
2170.000MHz



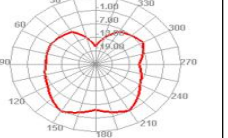
2170.000MHz H



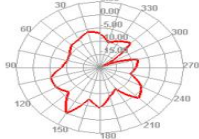
2500.000MHz



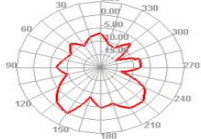
2500.000MHz H



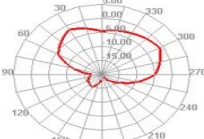
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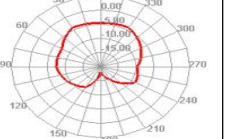
2170.000MHz E2



2500.000MHz E1



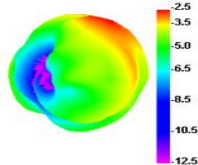
2500.000MHz E2



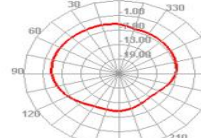
Main:2170Mhz

Main: 2500Mhz

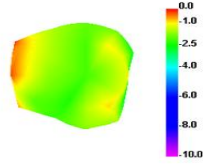
2650.000MHz



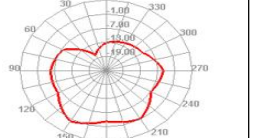
2650.000MHz H



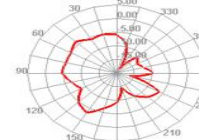
2700.000MHz



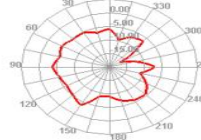
2700.000MHz H



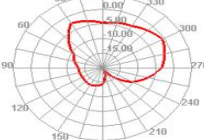
2650.000MHz E1



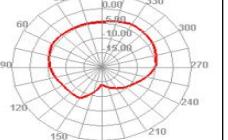
2650.000MHz E2



2700.000MHz E1



2700.000MHz E2



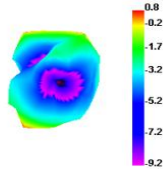
Main: 2650Mhz

Main:2700Mhz

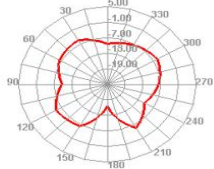
# Technical Specification

## G/W/B 3-D Patten Plots

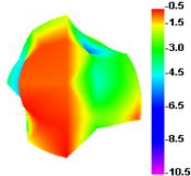
1573.332MHz



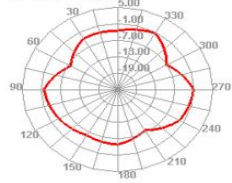
1573.332MHz H



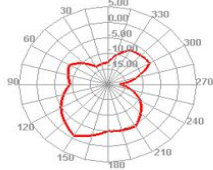
2400.000MHz



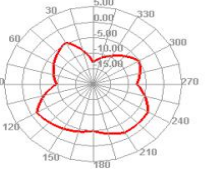
2400.000MHz H



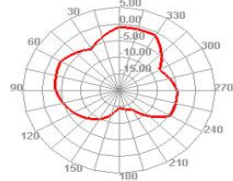
1573.332MHz E1



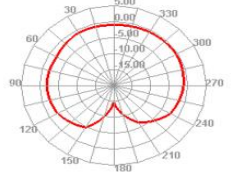
1573.332MHz E2



2400.000MHz E1

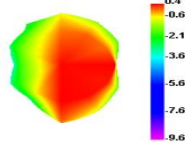


2400.000MHz E2

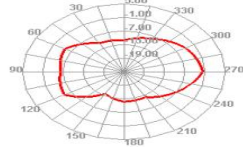


G/W/B:1575Mhz

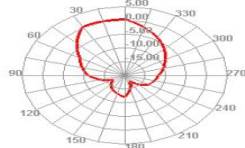
5100.000MHz



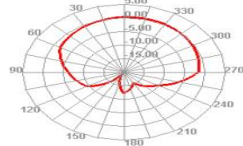
5100.000MHz H



5100.000MHz E1



5100.000MHz E2



G/W/B: 2400Mhz

G/W/B: 5150Mhz