



## Feature

- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth

## Application

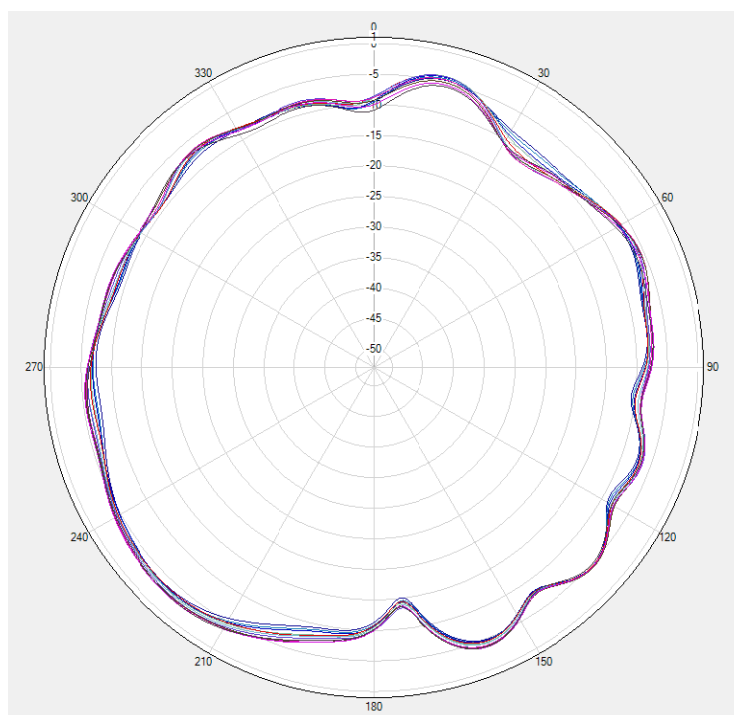
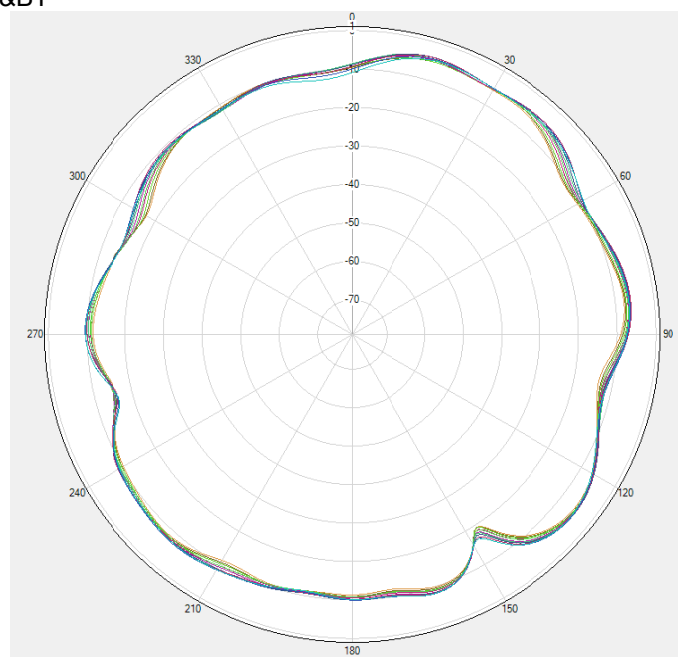
※GSM 850/900/DCS/PCS    WCDMA BAND1/ BAND2/ BAND4/ BAND5/ BAND8  
LTE B1/B2/B3/B4/ B5/B7 / B8/B12/B13/B17/B25/B26/B28/ B38/B40/ B41/B66

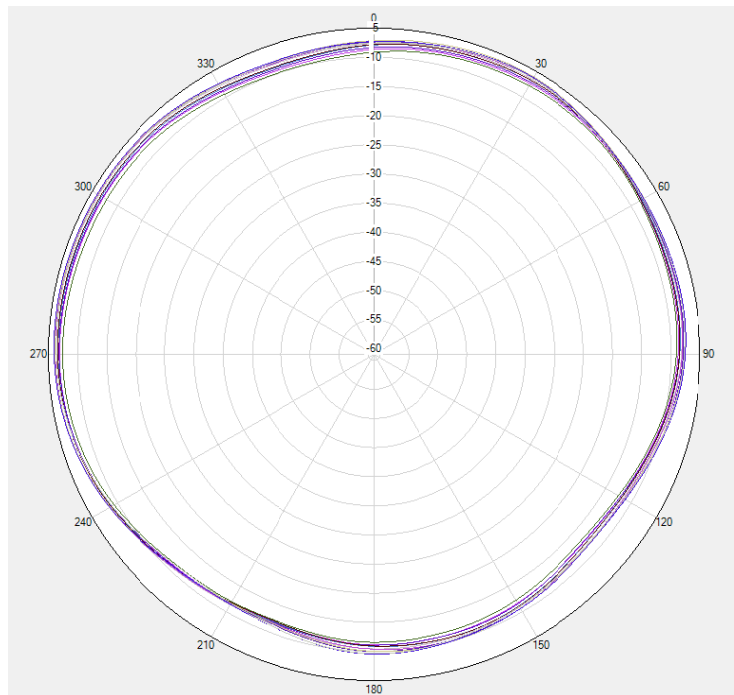
| Name and address of the antenna manufacturer                                                                                           | Model number of the antenna                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Shenzhen ruide communication technology co., ltd<br><br>Room 604, Floor 6, Building 27, Xiantao Data Valley, Yubei District, Chongqing | 3IN1: X6528-ANT1-RD<br>DIV: X6528-ANT2-RD<br>MAIN: X6528-ANT3-RD<br>5G WIFI: X6528-ANT4-RD |

|                       |      |                                              |
|-----------------------|------|----------------------------------------------|
| Transmitter Frequency |      | GSM 850/WCDMA B5/LTE B5/B26: 824 – 849 MHz   |
|                       |      | GSM 900/WCDMA B8/LTE B8: 880 – 915 MHz       |
|                       |      | DCS /WCDMA B4/LTE B3/B4/B66: 1710 – 1785 MHz |
|                       |      | PCS/WCDMA B2/LTE B2/B25: 1850-1910MHz        |
|                       |      | WCDMA B1/LTE B1: 1920 – 1980MHz              |
|                       |      | LTE B7: 2496-2565MHz                         |
|                       |      | LTE B40: 2300-2400MHz                        |
|                       |      | LTE B38: 2570-2620MHz                        |
|                       |      | LTE B41: 2496-2690MHz                        |
|                       |      | LTE B28/B12/B13/B17: 710-755MHz              |
| Receiver Frequency    |      | GSM 850/WCDMA B5/LTE B5/B26: 869 – 894 MHz   |
|                       |      | GSM 900/WCDMA B8/LTE B8: 925 – 960 MHz       |
|                       |      | DCS/LTE B3: 1805 – 1880 MHz                  |
|                       |      | WCDMA 4/LTE B4/B66: 2110-2155 MHz            |
|                       |      | PCS/WCDMA B2/LTE B2/B25: 1930-1990MHz        |
|                       |      | WCDMA B1/LTE B1: 2110 – 2170MHz              |
|                       |      | LTE B7: 2620-2690MHz                         |
|                       |      | LTE B40: 2300-2400MHz                        |
|                       |      | LTE B38: 2570-2620MHz                        |
|                       |      | LTE B41: 2496-2690MHz                        |
| Antenna Gain          | ANT3 | LTEB28/B12/13/17: 758-803MHz                 |
|                       |      | GSM 850/WCDMA B5/LTE B5/B26: -5.0dBi         |
|                       |      | GSM 900/WCDMA B8/LTE B8: -5.2dBi             |
|                       |      | DCS /WCDMA B4/LTE B3/B4/B66: -1.4dBi         |
|                       |      | PCS/WCDMA B2/LTE B2/B25: -1.3dBi             |
|                       |      | WCDMA B1/LTE B1: -1.4dBi                     |
|                       |      | LTE B7/B38/B41: -0.2dBi                      |
|                       |      | LTE B40: -0.8dBi                             |
|                       |      | LTE B28/B12/B13/B17: -6.2dBi                 |
|                       | ANT1 | 2.4G Wi-Fi/Bluetooth: -3.2dBi                |
|                       | ANT4 | 5G: -0.9dBi                                  |

※ Antenna Gain

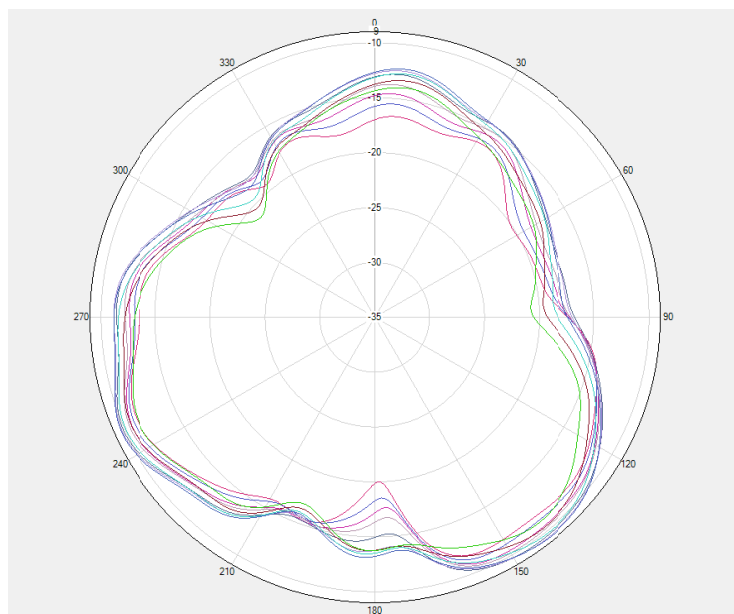
ANT1 2.4G WIFI&BT



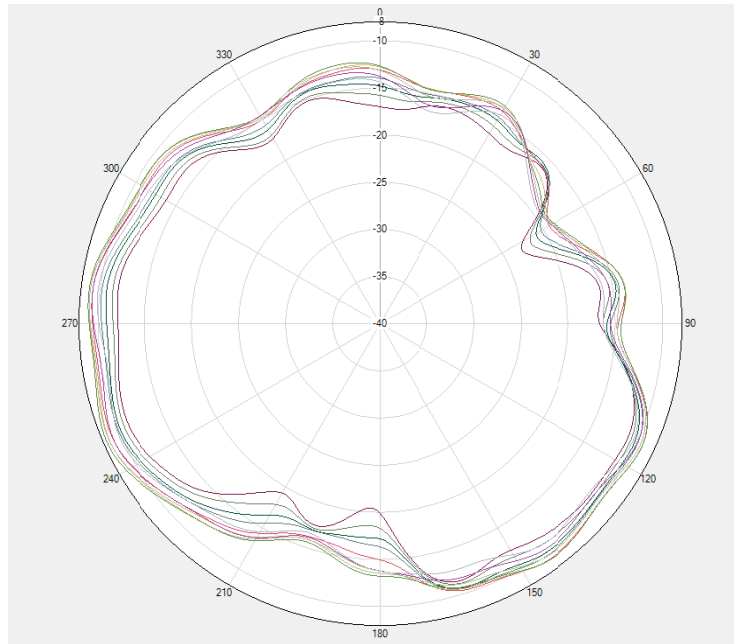


2.4G WIFI&BT    Theta=90deg

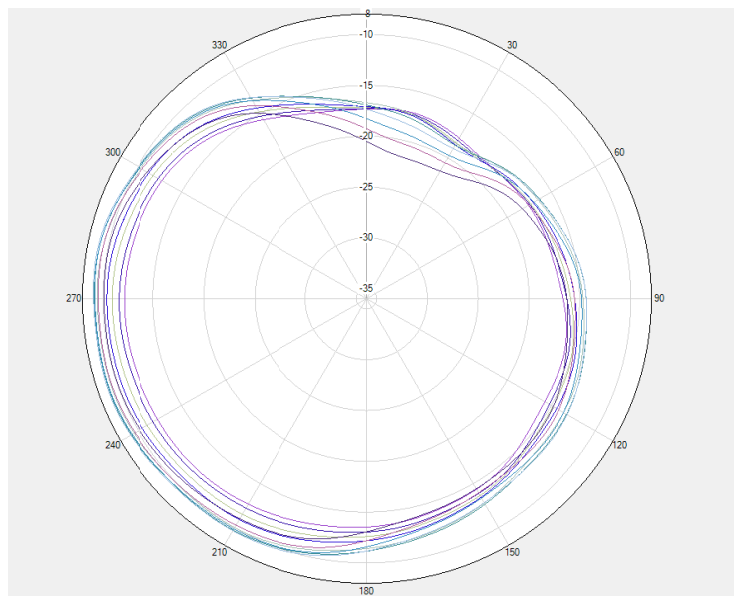
※ Antenna Gain  
ANT3  
Main Antenna



GSM850 / WCDMA B5 / LTE B5/B26    Phi=0deg

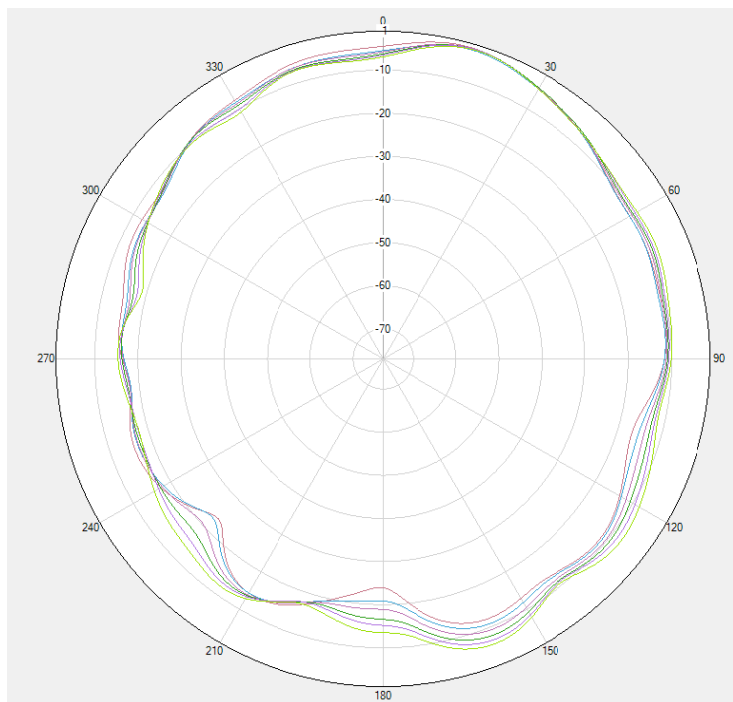


GSM850 / WCDMA B5 / LTE B5/B26 Phi=90deg

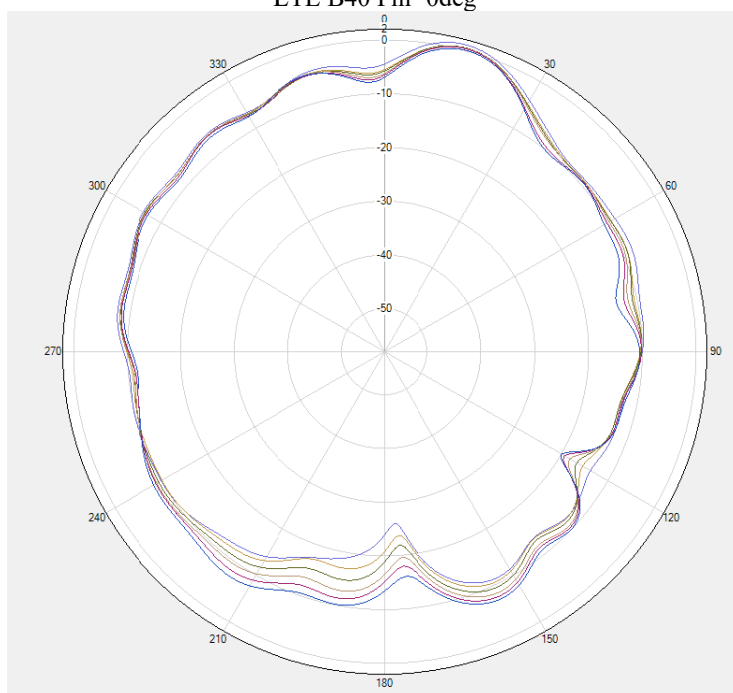


GSM850 / WCDMA B5 / LTE B5/B26 Theta=90deg

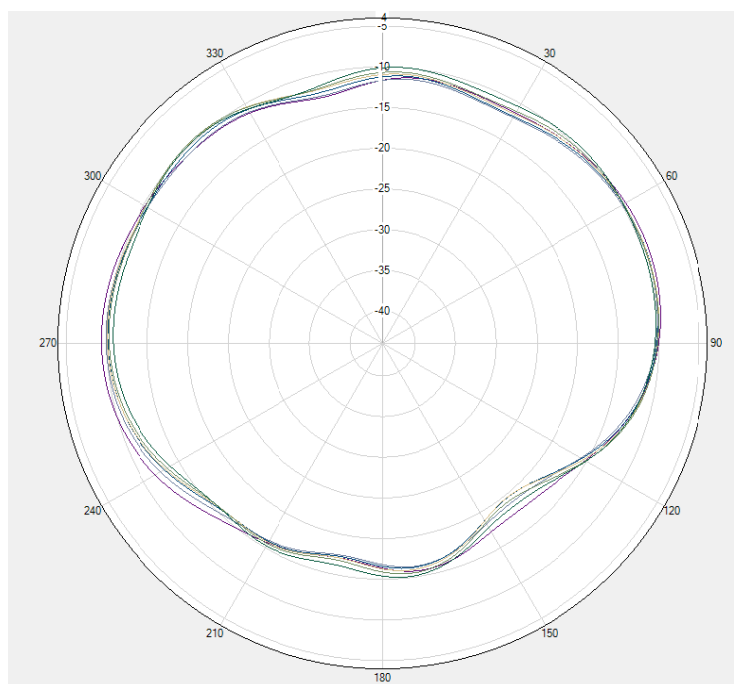
※ Antenna Gain  
Main Antenna



LTE B40 Phi=0deg

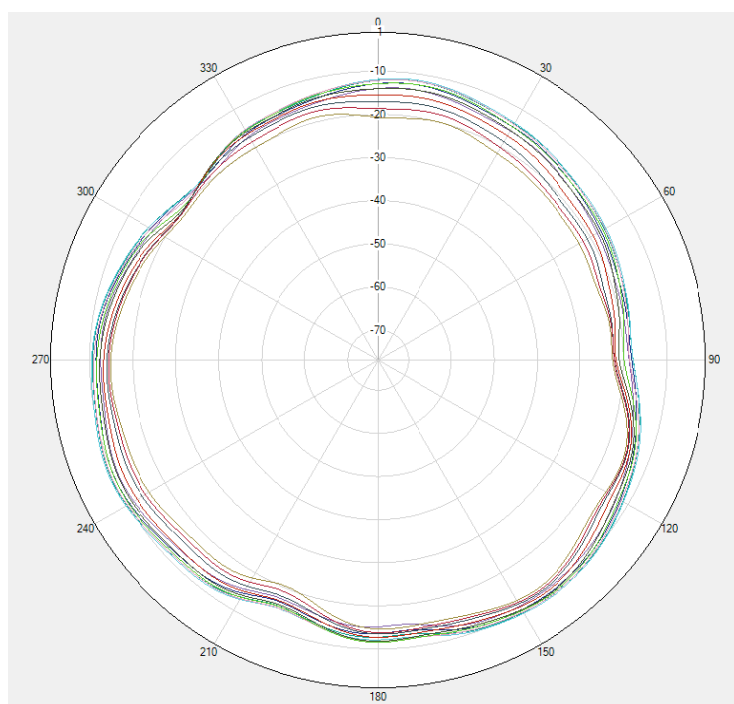


LTE B40 Phi=90deg

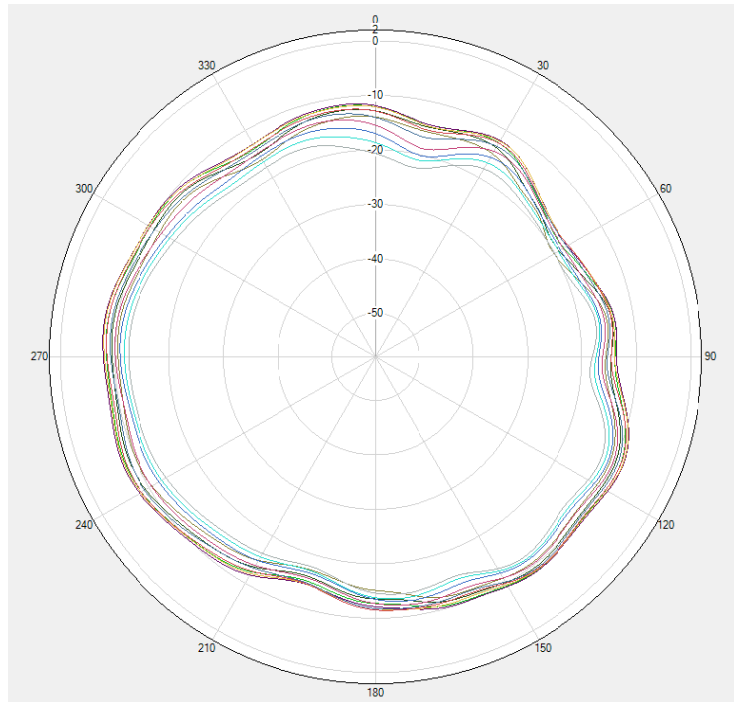


LTE B40 Theta=90deg

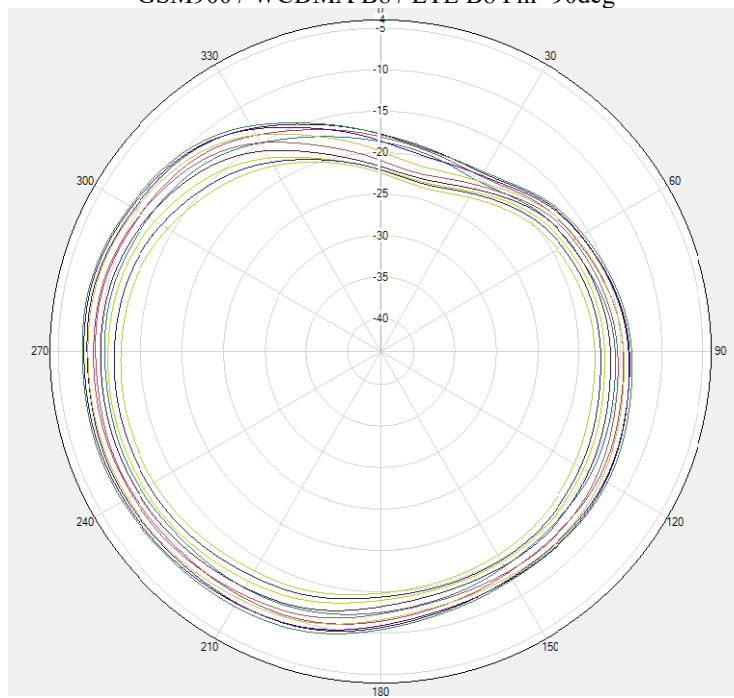
✂ Antenna Gain  
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg

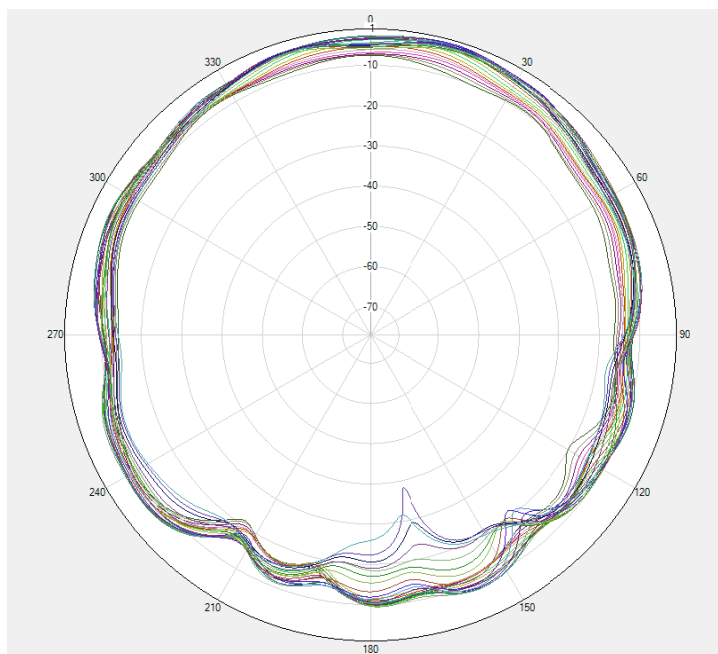


GSM900 / WCDMA B8 / LTE B8  $\Phi=90^\circ$

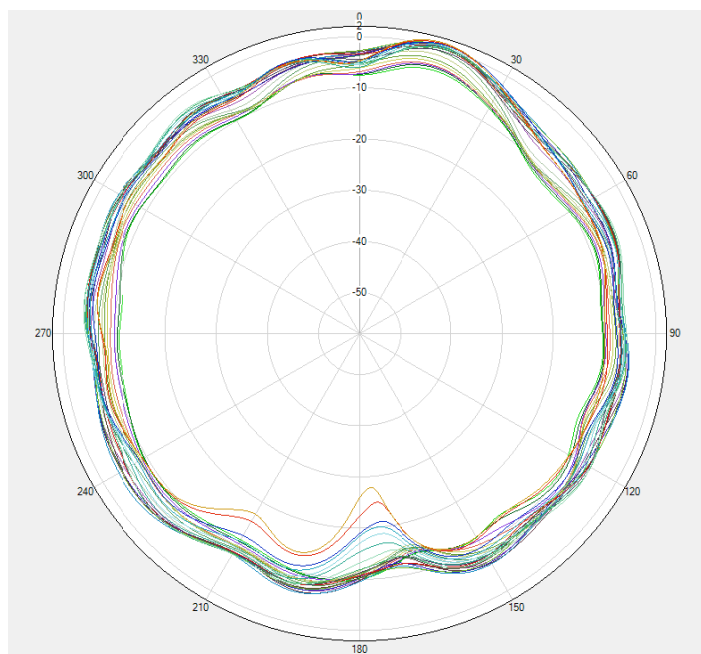


GSM900 / WCDMA B8 / LTE B8  $\Theta=90^\circ$

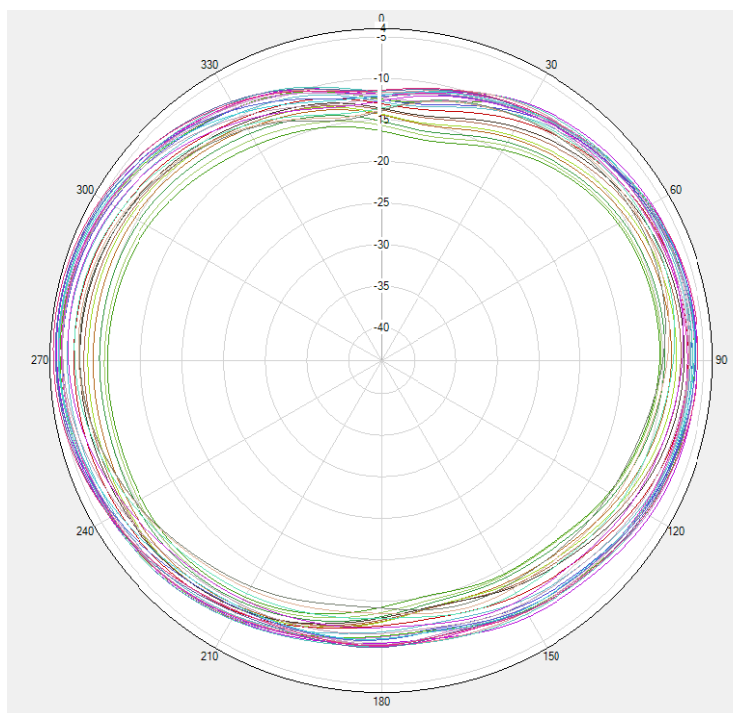
※ Antenna Gain  
Main Antenna



DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4/B25/B66  $\Phi=0^\circ$

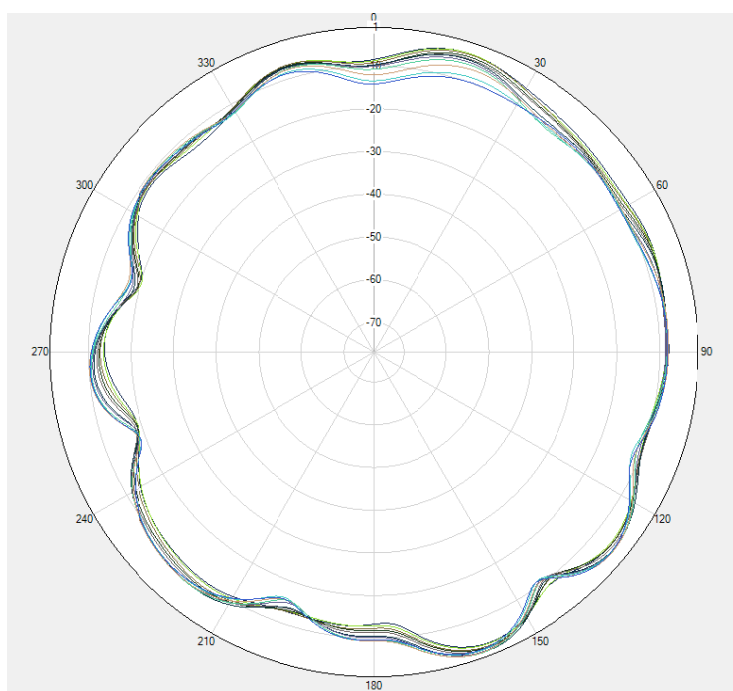


DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4/B25/B66  $\Phi=90^\circ$

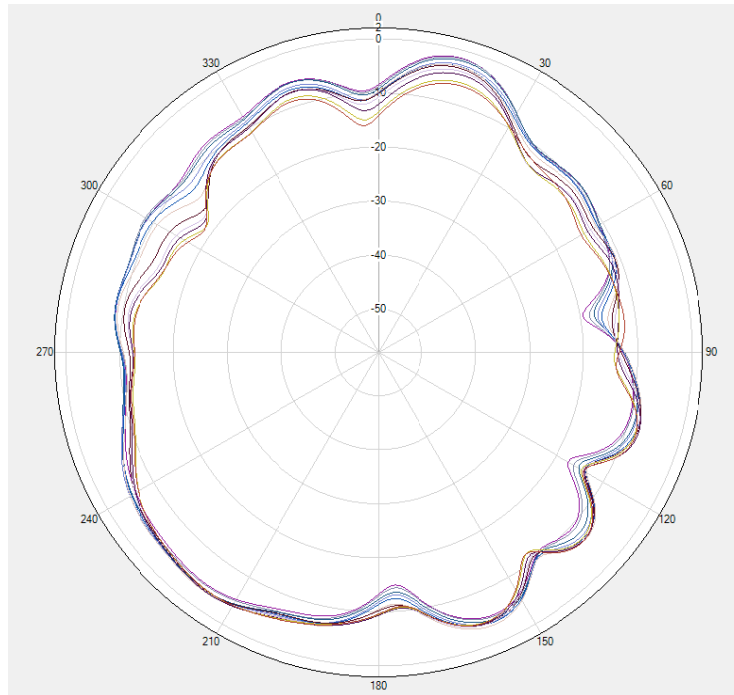


DCS1800/PCS1900/WCDMA B1/B2/LTE B1/B2/B3/B4/B25/B66  $\Theta = 90^\circ$

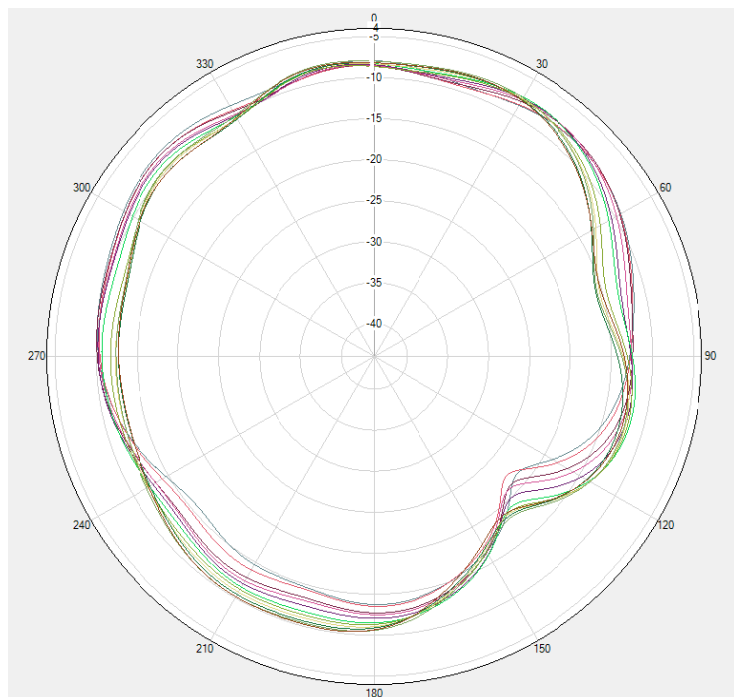
※ Antenna Gain  
Main Antenna



LTE B7/B38/41  $\Phi = 0^\circ$

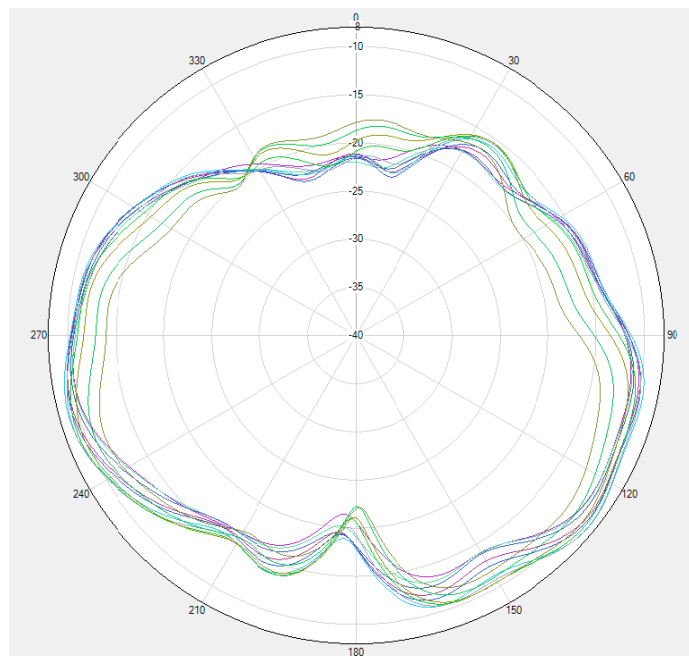


LTE B7/B38/41  $\Phi=90^\circ$

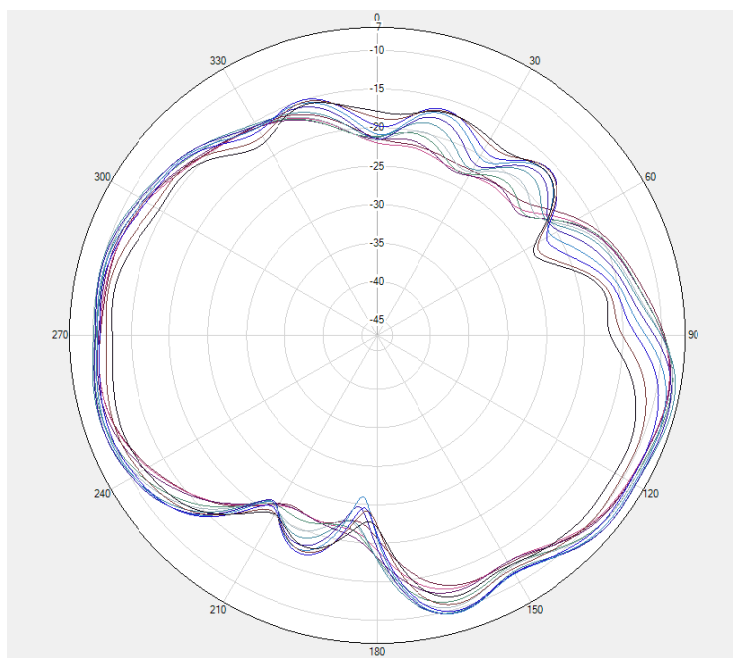


LTE B7/B38/41  $\Theta=90^\circ$

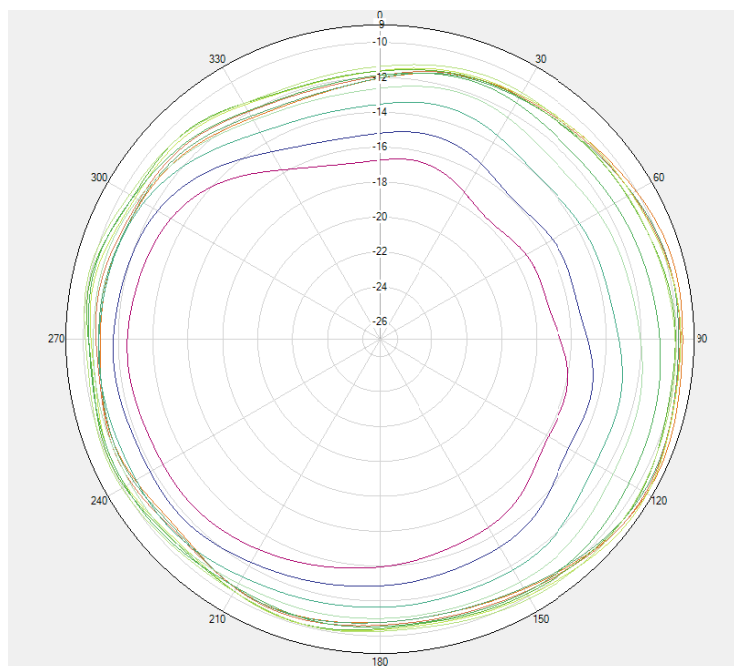
※ Antenna Gain  
Main Antenna



LTEB28/B12/B13/B17 Phi=0deg

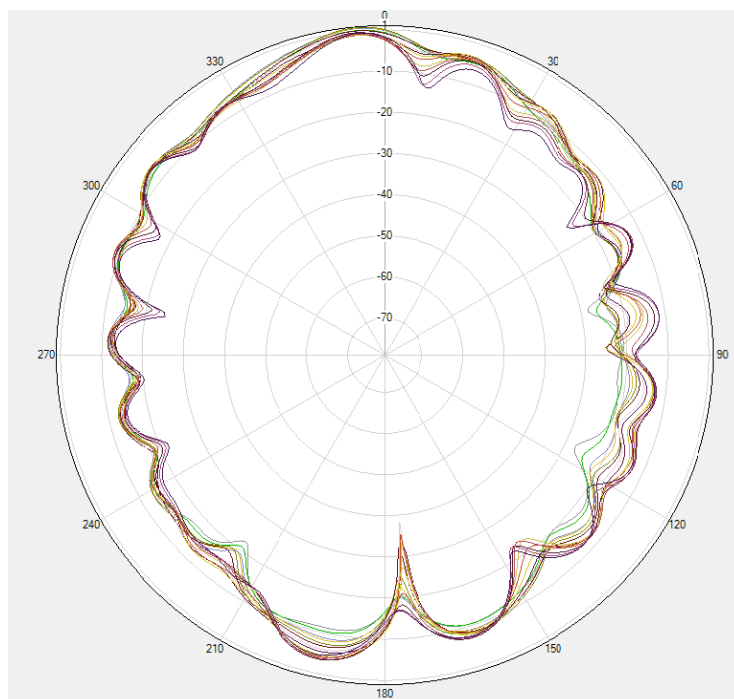


LTE B28/B12/B13/B17 Phi=90deg

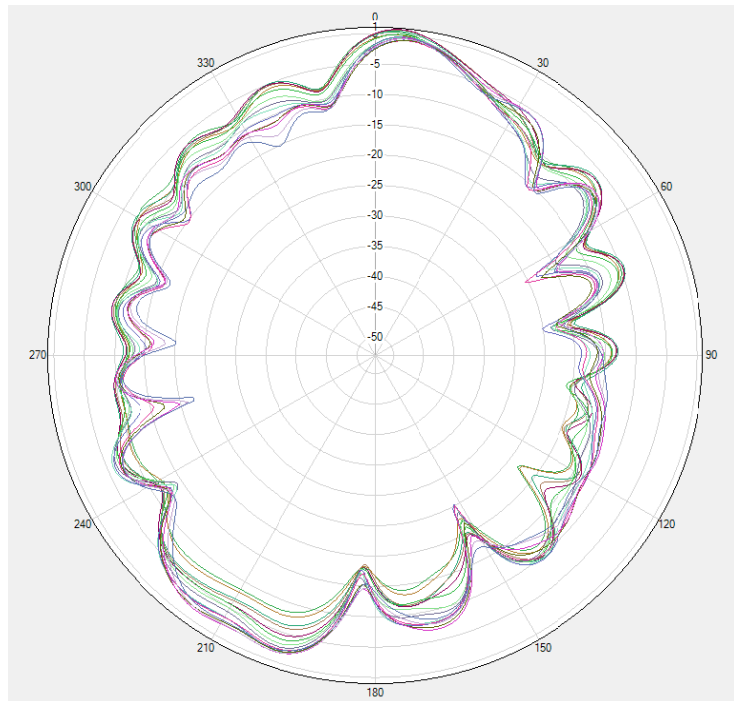


LTE B28/B12/B13/B17 Theta=90deg

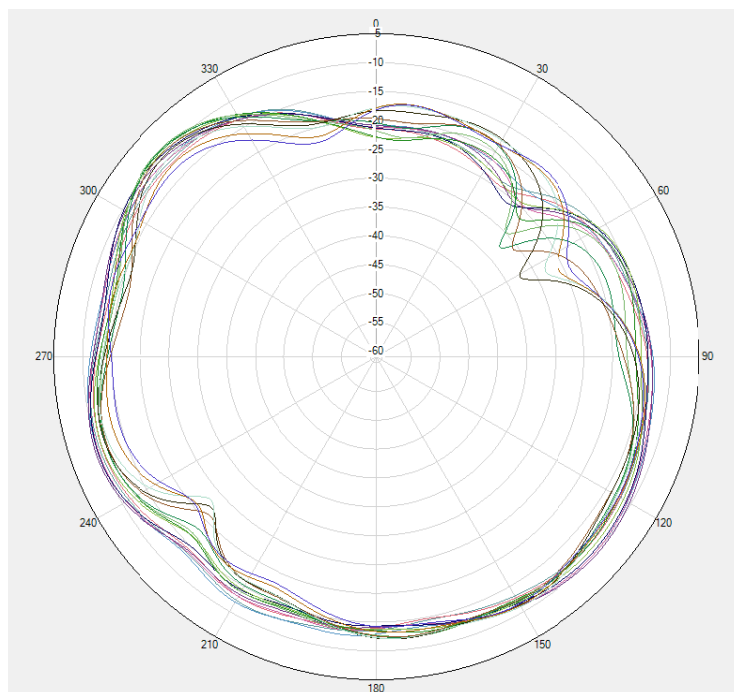
※ Antenna Gain  
ANT4



5G WIFI Phi=0deg

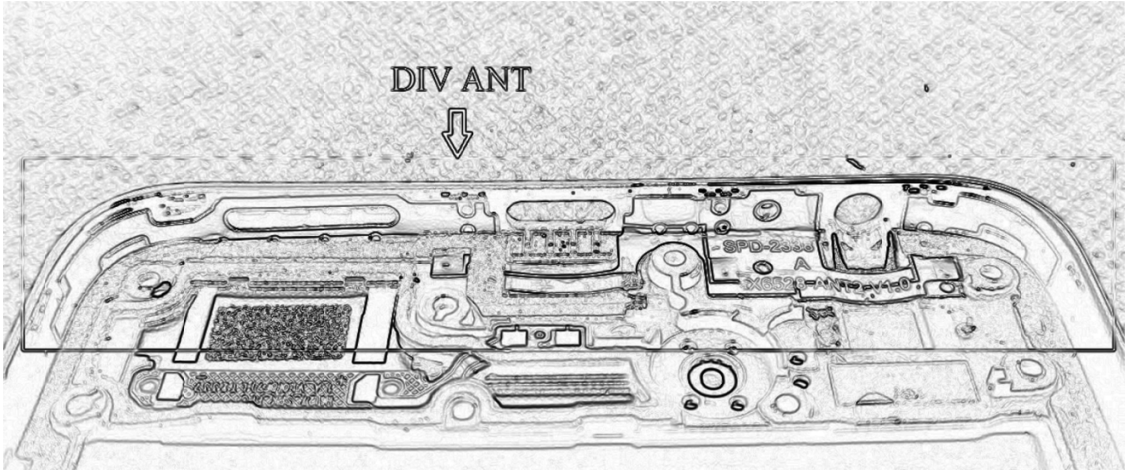
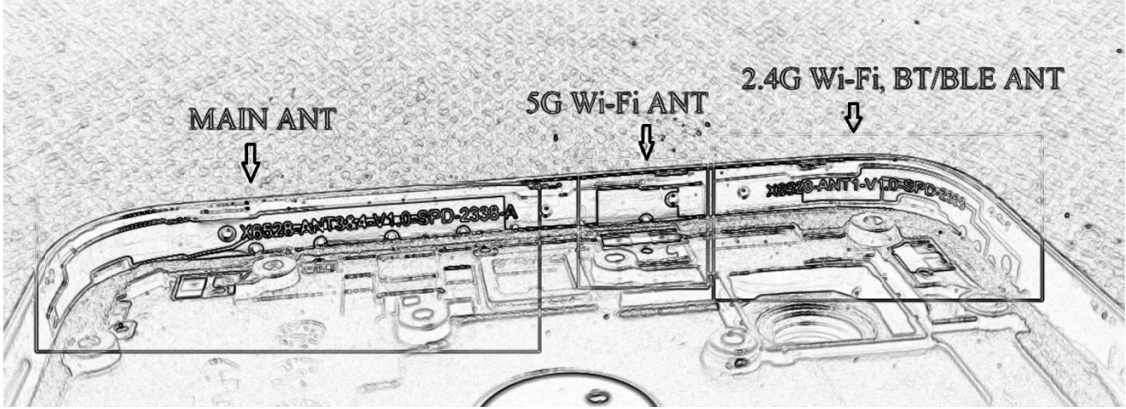


5G WIFI  $\Phi=90^\circ$



5G WIFI  $\Theta=90^\circ$

Antenna Photo:



|             |           |             |        |             |
|-------------|-----------|-------------|--------|-------------|
| PREPARED BY | CHECKEDBY | APPROVAL BY | S.R.NO |             |
|             |           |             | DATE:  | 2023/010/20 |