

## Feature

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

## Application

※GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8  
LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41/B66

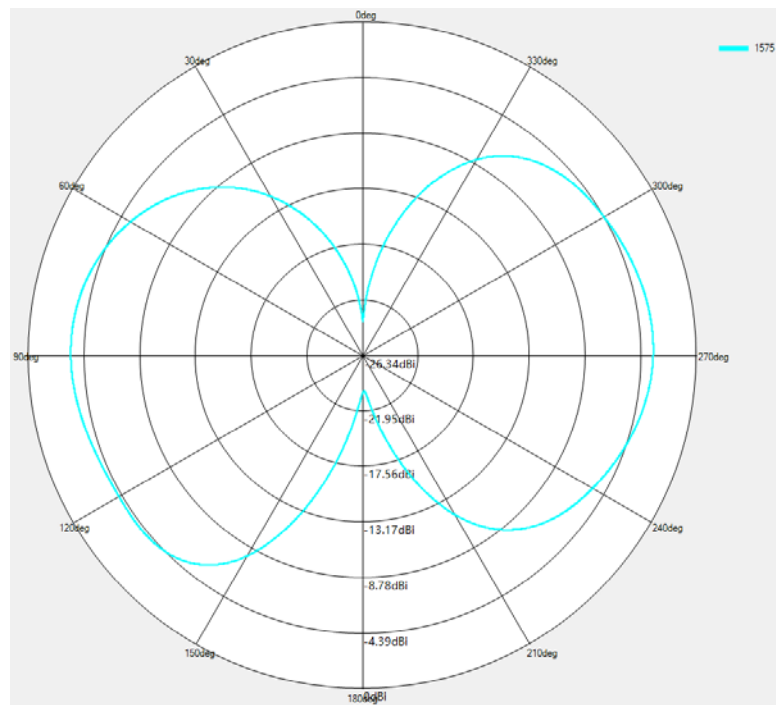
| Name and address of the antenna manufacturer                                                                                    | Model number of the antenna                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <p>Dongguan Guangzheng Mold Plastic Co., Ltd</p> <p>No. 2 Yucheng Road, Shatounan District,<br/>Chang'an Town,Dongguan City</p> | <p>KJ7-ANT0<br/>KJ7-ANT1<br/>KJ7-ANT2<br/>KJ7-ANT3<br/>KJ7-ANT4<br/>KJ7-ANT12<br/>KJ7-ANT13<br/>KJ7-ANT14</p> |

| TYPE                      |      |                                                                     |
|---------------------------|------|---------------------------------------------------------------------|
| Transmitter Frequency     |      | GSM 850/WCDMA B5/LTE B5 : 824 – 849 MHz                             |
|                           |      | GSM 900/WCDMA B8/LTE B8 : 880 – 915 MHz                             |
|                           |      | DCS /WCDMA B4/LTE B3/B4: 1710 – 1785 MHz                            |
|                           |      | PCS/WCDMA B2/LTE B2:1850-1910MHz                                    |
|                           |      | WCDMA B1/LTE B1 : 1920 – 1980MHz                                    |
|                           |      | LTE B7 :2496-2565MHz                                                |
|                           |      | LTE B40 :2300-2400MHz                                               |
|                           |      | LTE B17 :704-716MHz                                                 |
|                           |      | LTE B12 :700-715MHz                                                 |
|                           |      | LTE B38/B41 :2565-2645MHz                                           |
|                           |      | LTE B20 :832-862MHz                                                 |
|                           |      | LTE B28 :710-755MHz                                                 |
|                           |      | GSM 850/WCDMA B5/LTE B5 : 869 – 894 MHz                             |
|                           |      | GSM 900/WCDMA B8/LTE B8 : 925 – 960 MHz                             |
|                           |      | DCS/LTE B3 : 1805 – 1880 MHz                                        |
|                           |      | WCDMA 4/LTE B4 : 2110-2155 MHz                                      |
|                           |      | PCS/WCDMA B2/LTE B2:1930-1990MHz                                    |
|                           |      | WCDMA B1/LTE B1 : 2110 – 2170MHz                                    |
|                           |      | LTE B17 :734-746MHz                                                 |
|                           |      | LTE B12 :729-746MHz                                                 |
| Receiver Frequency        |      | LTE B7 :2620-2690MHz                                                |
|                           |      | LTE B40 :2300-2400MHz                                               |
|                           |      | LTE B38/41 :2565-2645MHz                                            |
|                           |      | LTE B20 :791-821MHz                                                 |
|                           |      | LTE B28 :758-803MHz                                                 |
|                           |      | GSM850/900: 32+/-2dBm                                               |
|                           |      | DCS/PCS: 30+/-2dBm                                                  |
|                           |      | LTE B1/B2/B3/<br>B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41: 23+/-2dBm |
|                           |      | WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm                                    |
|                           |      |                                                                     |
| RF-Output Power (E.I.R.P) |      |                                                                     |
|                           |      |                                                                     |
|                           |      |                                                                     |
|                           |      |                                                                     |
|                           |      |                                                                     |
|                           |      |                                                                     |
|                           | ANT0 | GSM 850/WCDMA B5/LTE B5 : -6.89 dBi                                 |
|                           |      | GSM 900/WCDMA B8/LTE B8 : -6.14 dBi                                 |
|                           |      | LTE B20: -6.89 dBi                                                  |
|                           |      | LTE B12/B17/B28 : -7.95 dBi                                         |
|                           | ANT4 | DCS /WCDMA B4/LTE B3/B4: -2.7 dBi                                   |
|                           |      | PCS/WCDMA B2/LTE B2: -2.8 dBi                                       |

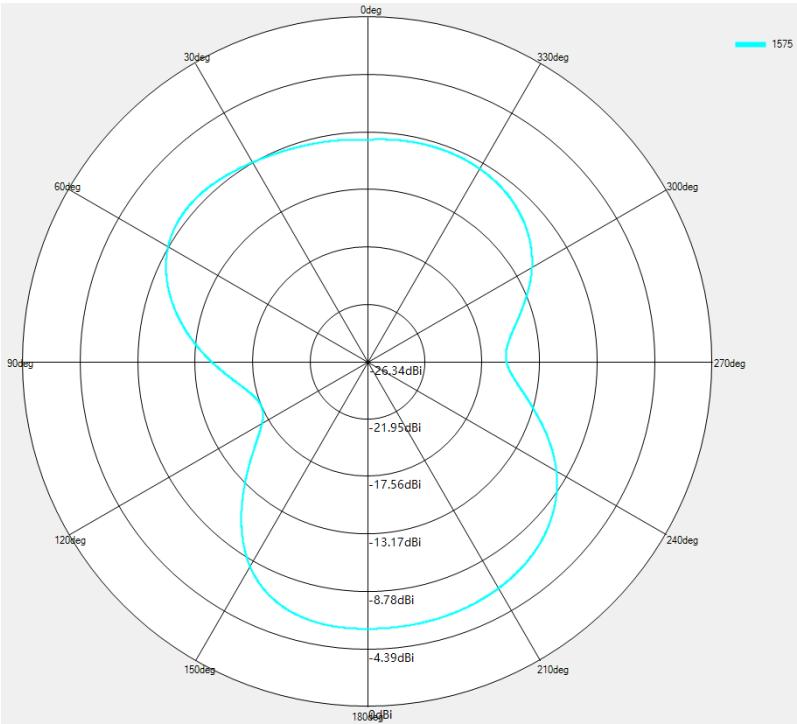
|                       |       |                                             |
|-----------------------|-------|---------------------------------------------|
| Antenna<br>Gain       |       | WCDMA B1/LTE B1/B66 : -2.8 dBi              |
|                       |       | LTE B7/B38/B41 : -0.88 dBi                  |
|                       |       | LTE B40 : -1.34 dBi                         |
|                       | ANT13 | GPS(L1): -1.41 dBi                          |
|                       | ANT12 | WIFI /BT2.4G: -4. 12 dBi      5G: -2.31 dBi |
|                       | ANT14 | WIFI 2.4G/BT: -3. 37 dBi      5G: -3.19 dBi |
| Type of<br>Modulation |       |                                             |

※ Antenna Gain

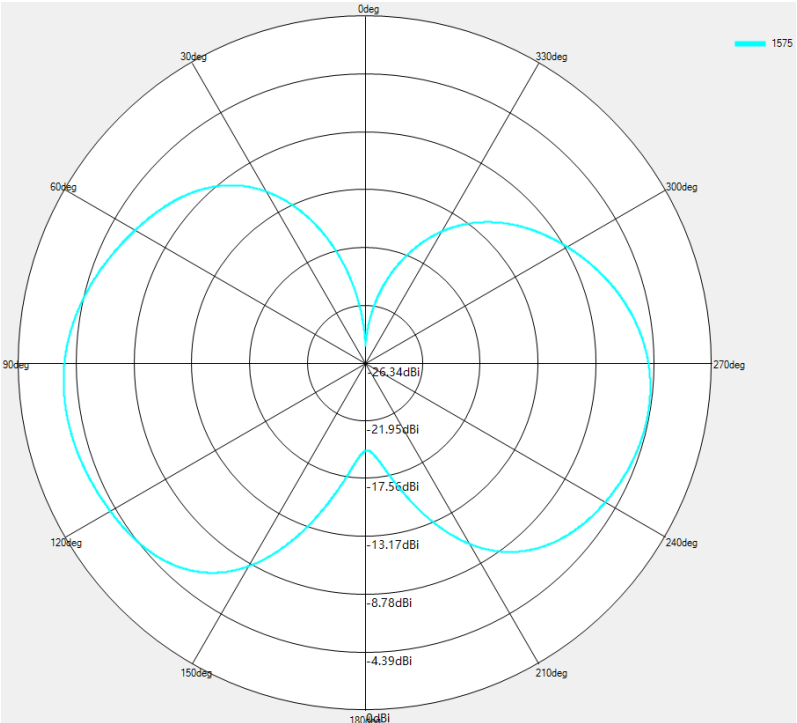
ANT13



GPS    Theta=0deg



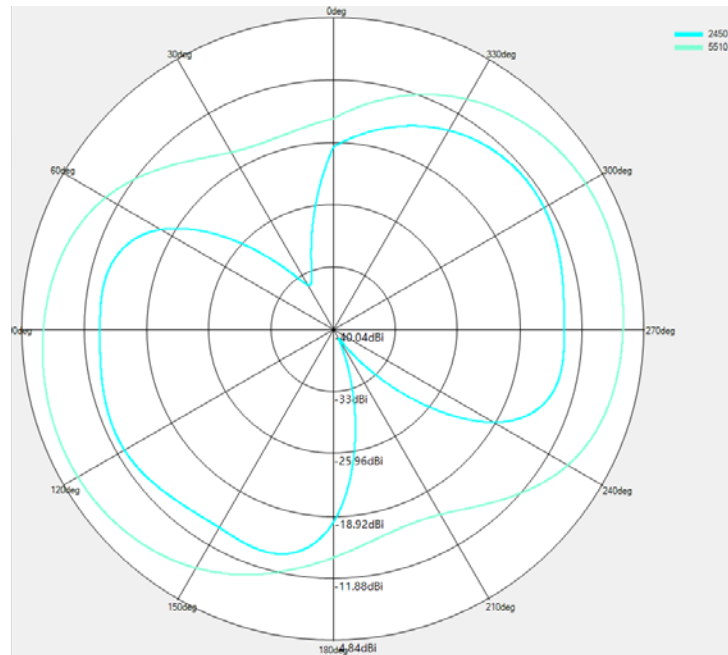
GPS    Theta=90deg



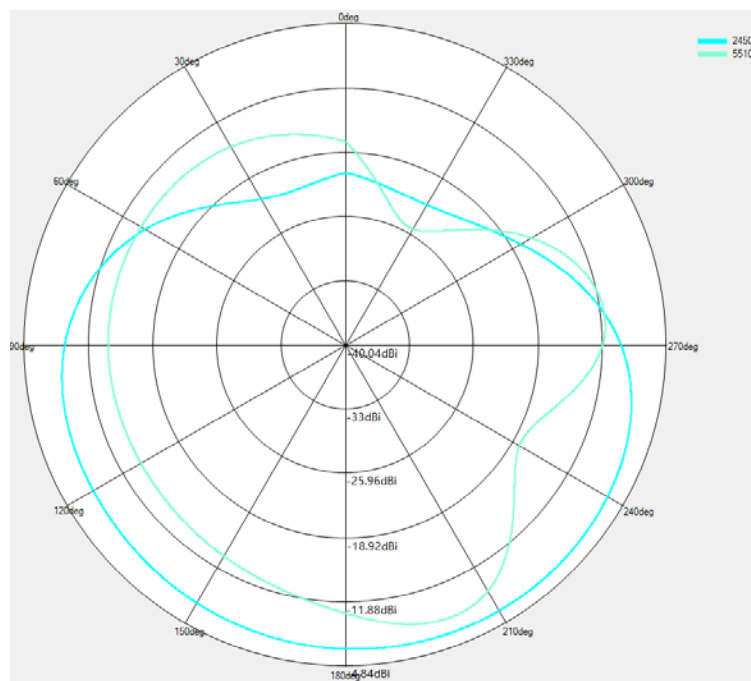
GPS    Phi=90deg

※ Antenna Gain

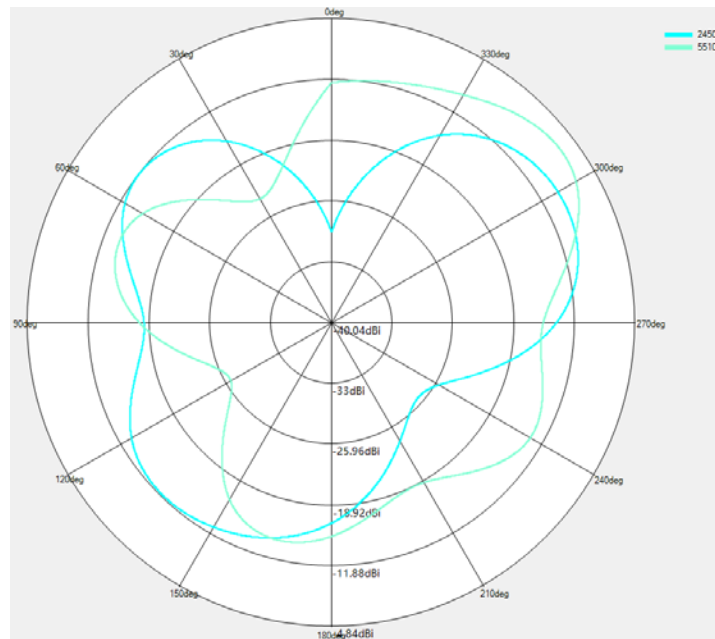
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2.4G/5G WIFI&BT    Theta=0deg



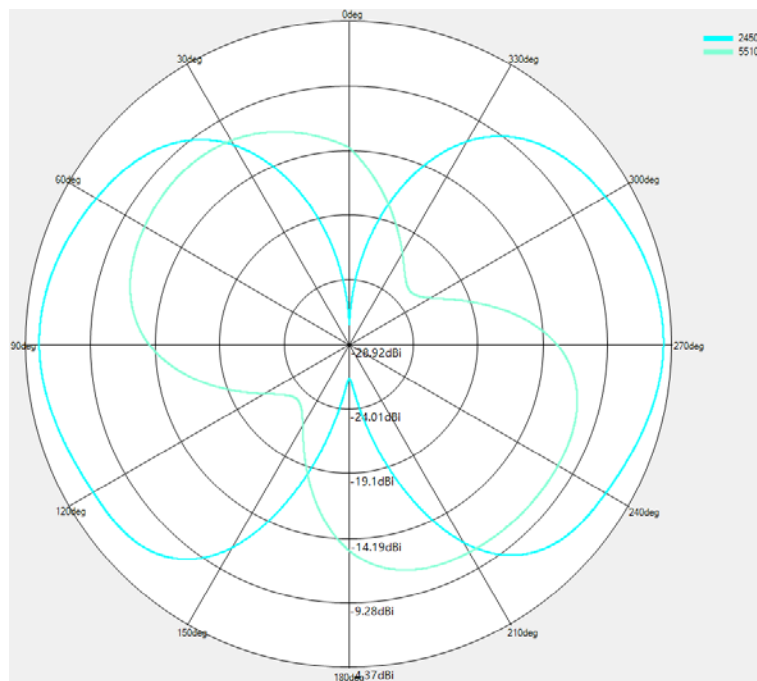
2.4G/5G WIFI&BT    Theta=90deg



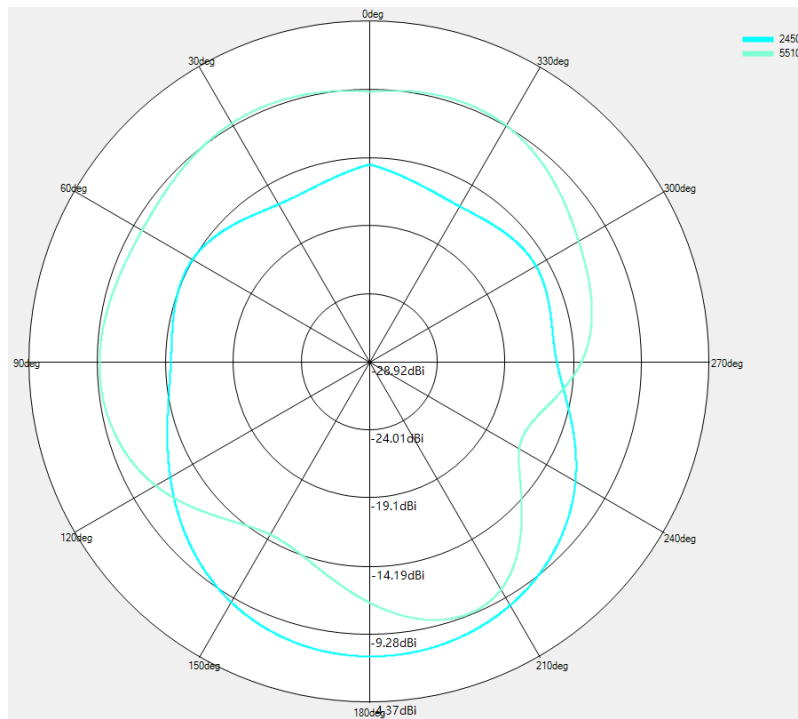
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

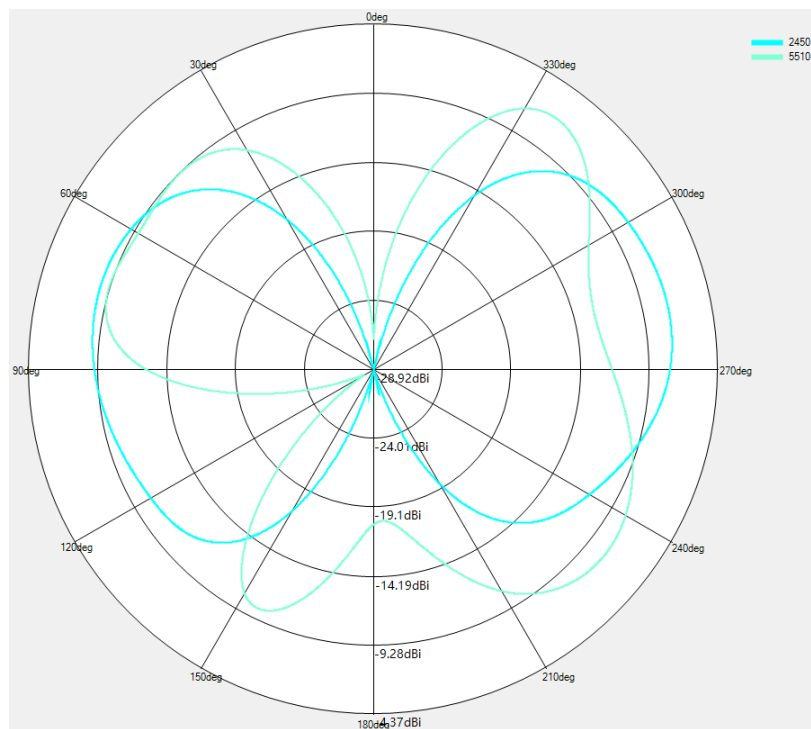
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2.4G/5G WIFI&BT Theta=0deg



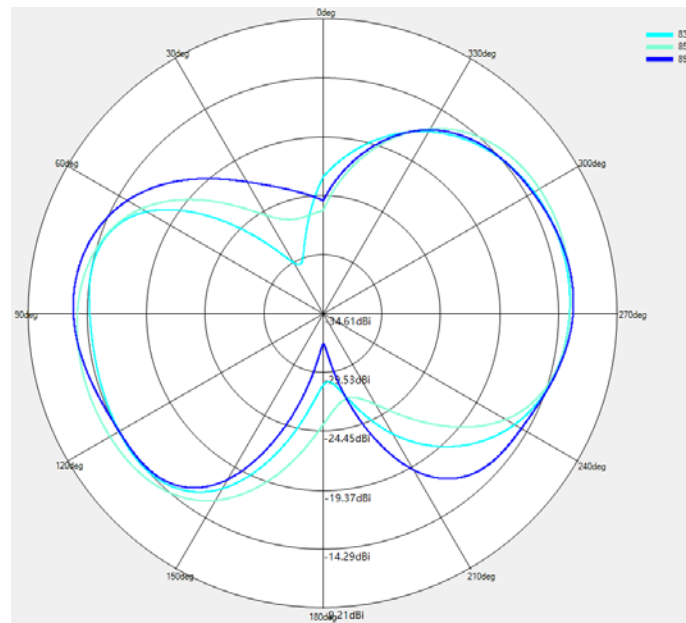
2.4G/5G WIFI&BT Theta=90deg



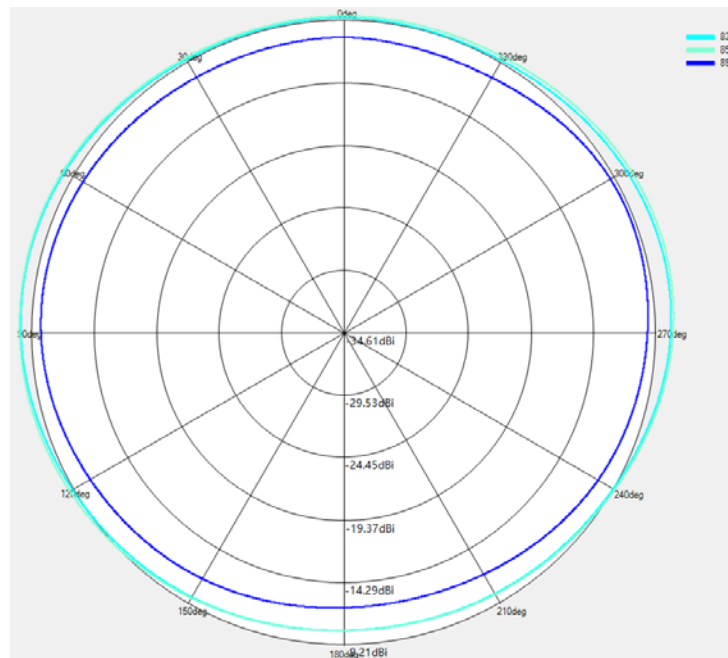
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

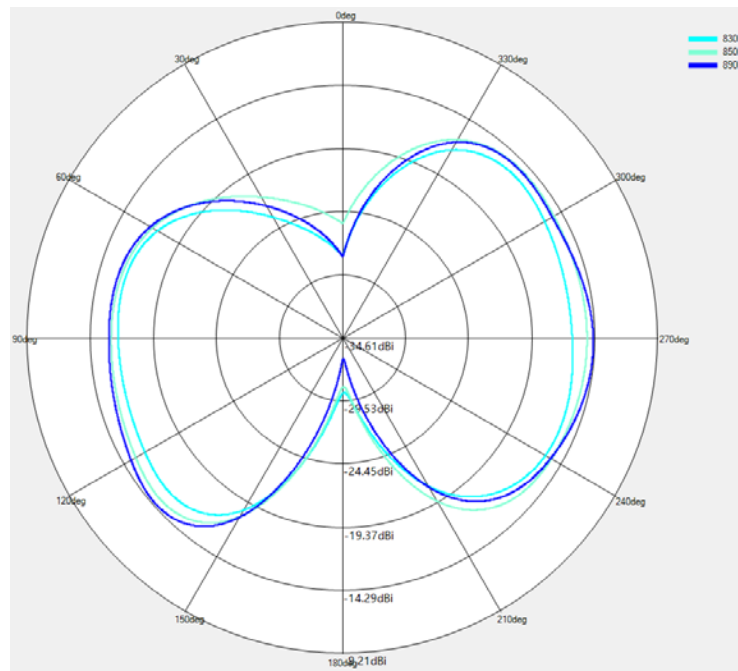
ANT0



GSM850/ WCDMA B5/LTE B5/B20 Theta=0deg



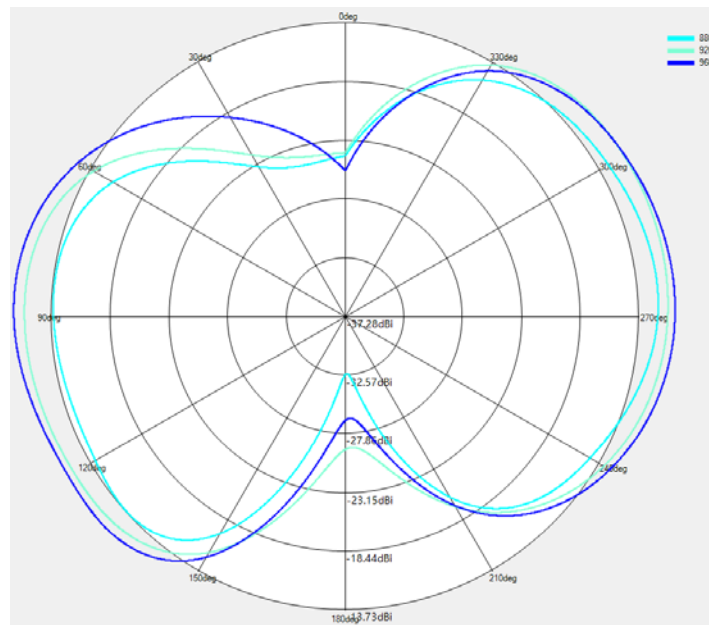
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



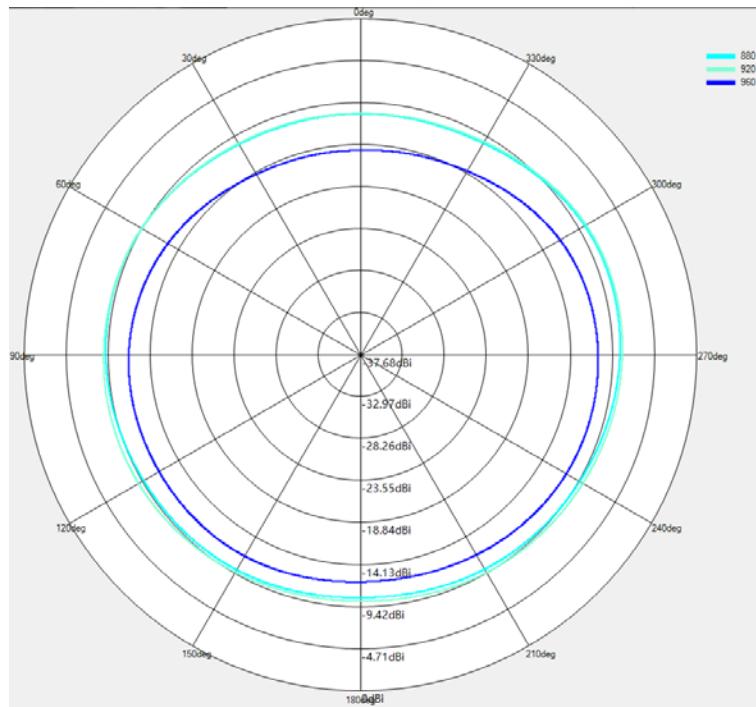
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

# ※ Antenna Gain

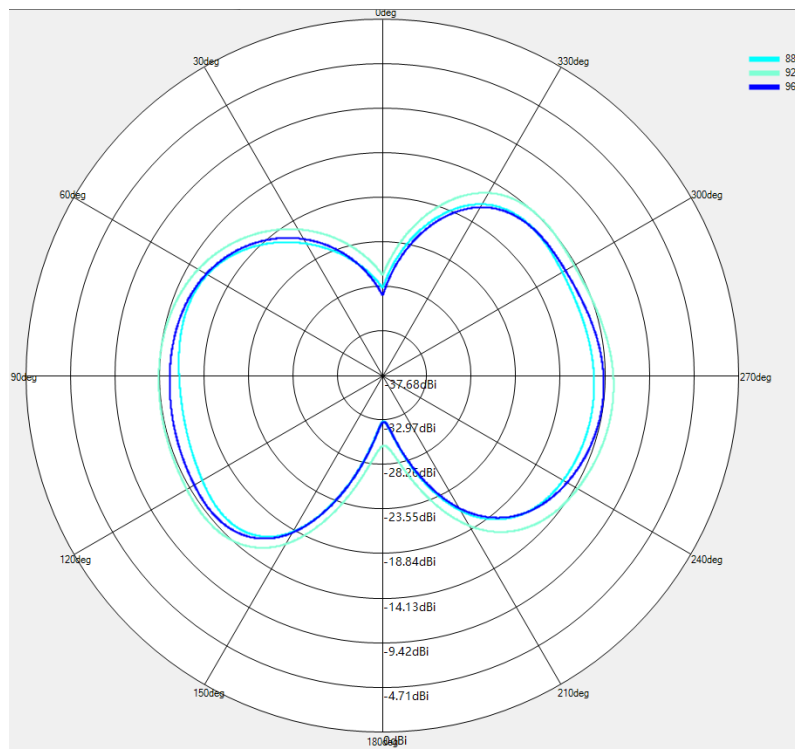
ANT0



GSM 900/WCDMA B8/LTE B8 Theta=0deg



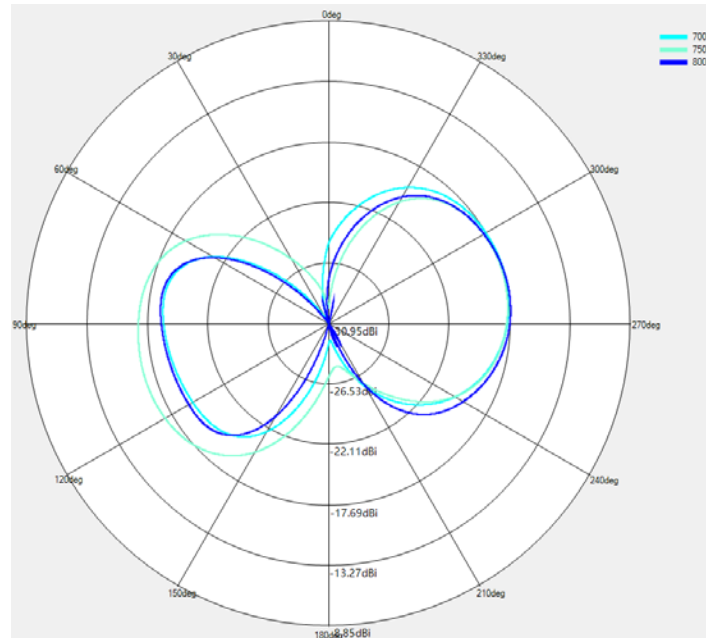
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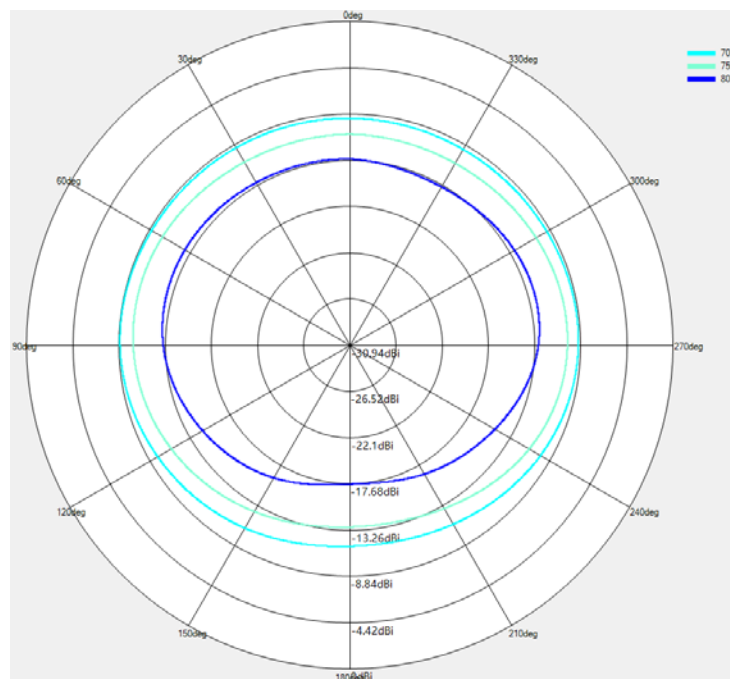
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※ Antenna Gain

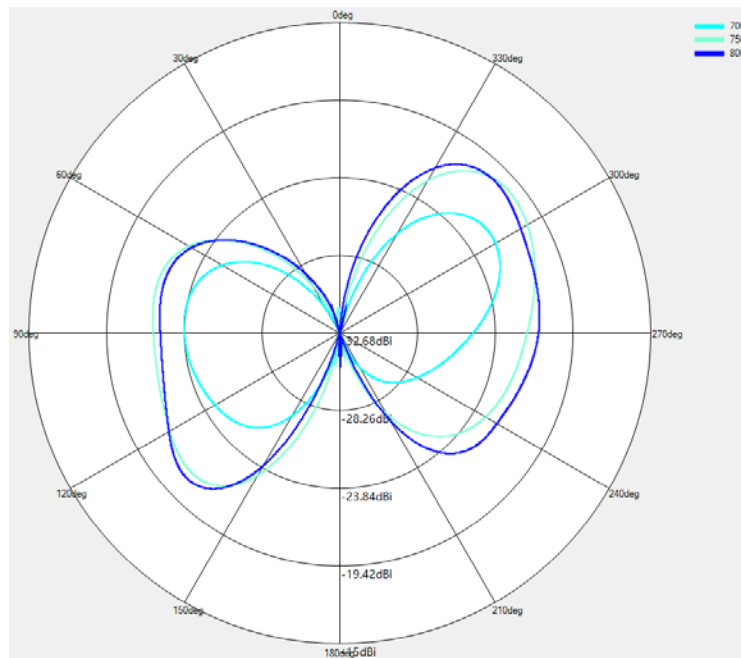
ANT0



LTE B12/B17/B28 Theta=0deg



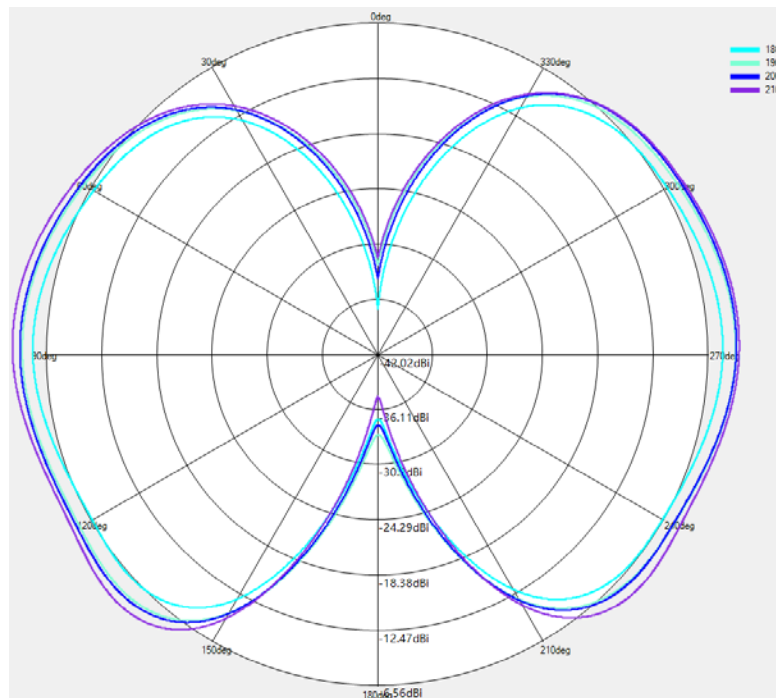
LTE B12/B17/B28 Theta=90deg



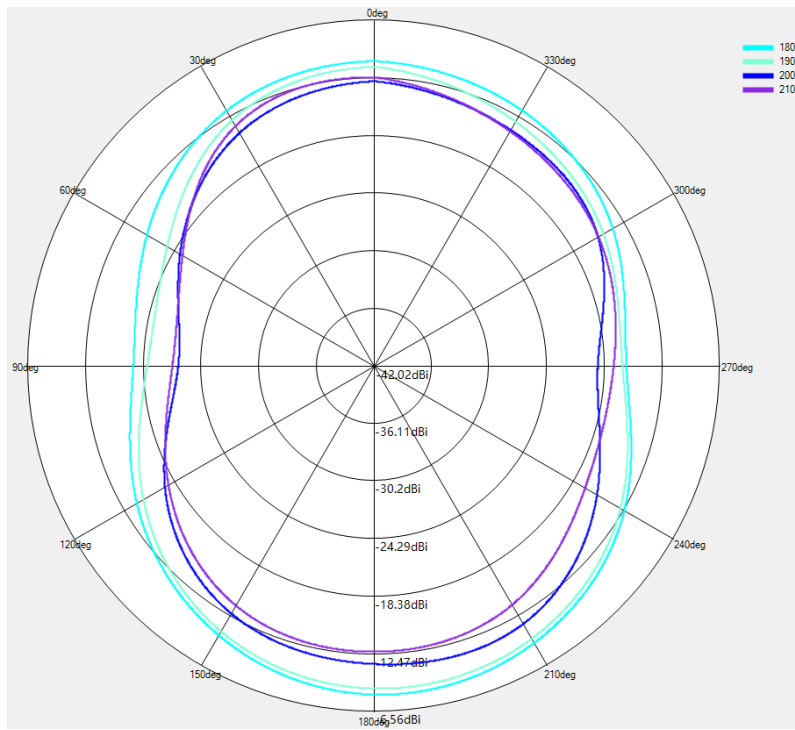
LTE B12/B17/B28 Phi=90deg

※ Antenna Gain

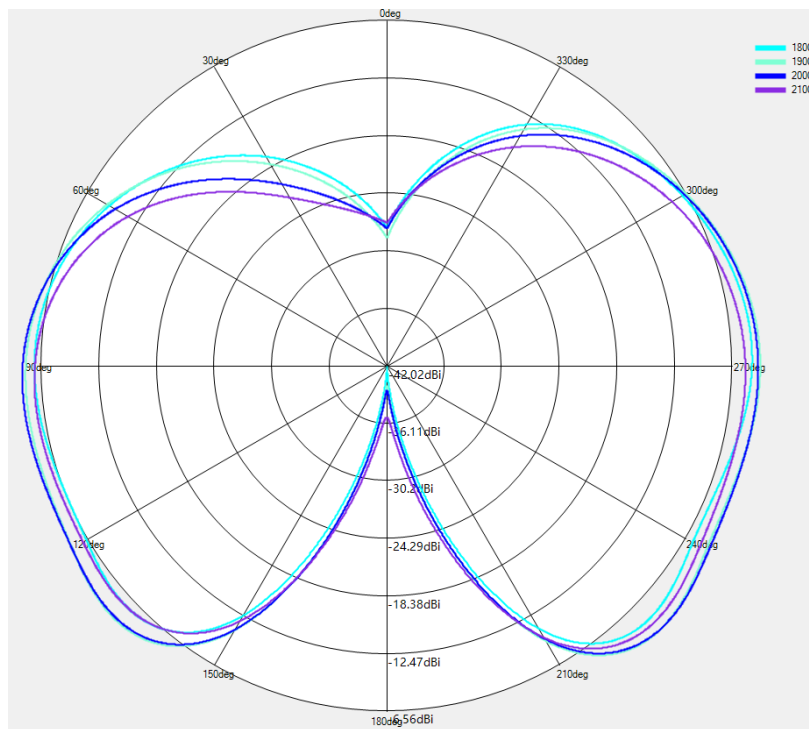
ANT4



DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Theta=0deg



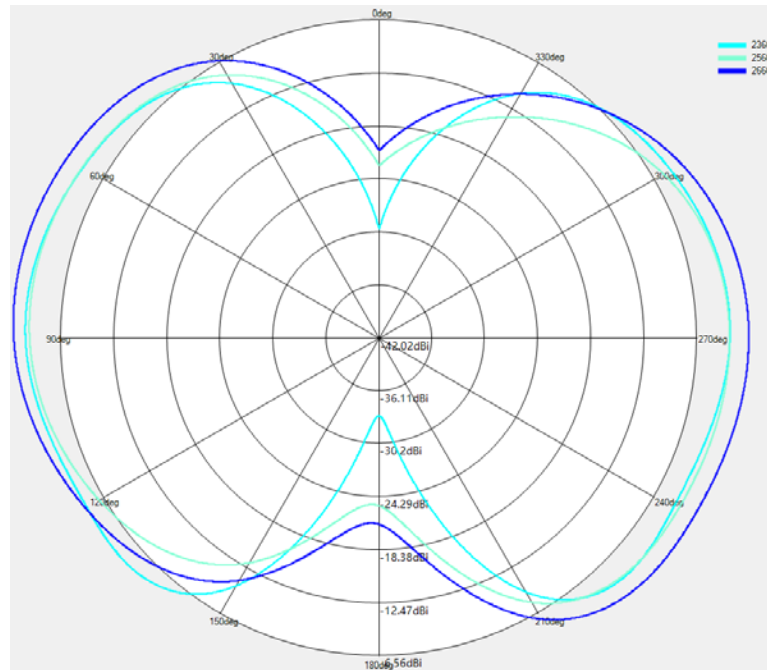
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Theta=90deg



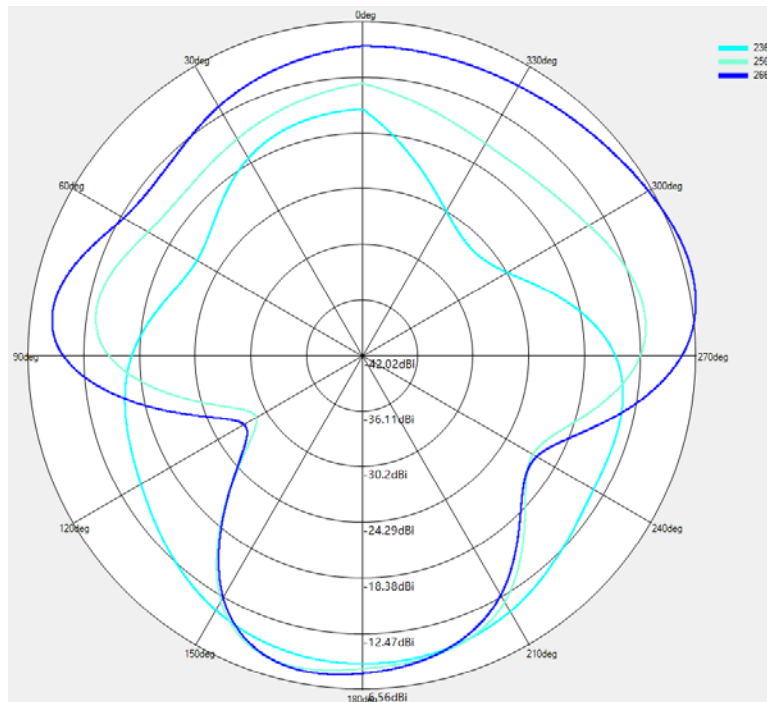
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Phi=90deg

※ Antenna Gain

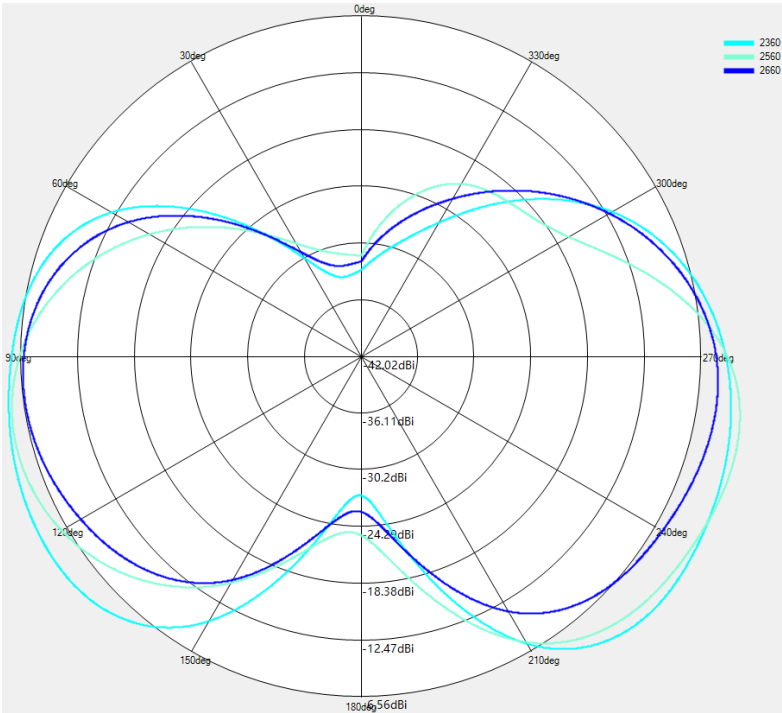
ANT4



LTE B7/B38/B40/B41 Theta=0deg



LTE B7/B38/B40/B41 Theta=90deg



LTE B7/B38/B40/B41 Phi=90deg

|             |               |             |        |            |
|-------------|---------------|-------------|--------|------------|
| PREPARED BY | CHECKEDBY     | APPROVAL BY | S.R.NO |            |
|             | Peitian.zhang |             | DATE:  | 2023/09/25 |