

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/B26/B28/B38/B40/B41/B66

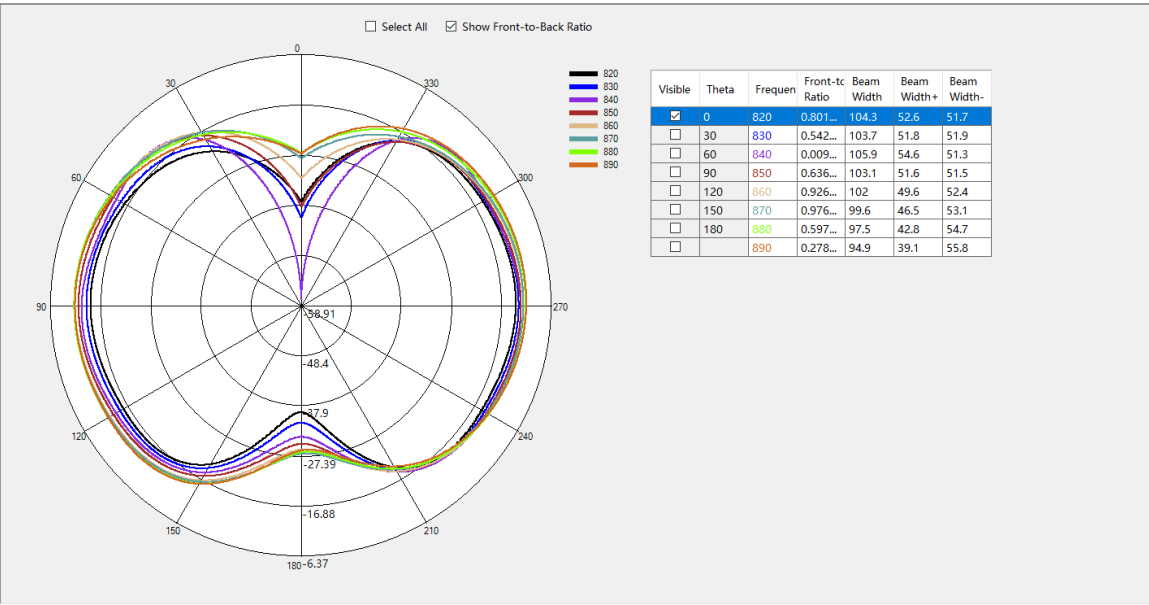
| Name and address of the antenna manufacturer                                                                                 | Model number of the antenna                                                                  |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Shangyuan technology<br><br>1F, ARM eco-industrial park, No.19, Data Valley<br>East Road, Xiantao, Yubei District, Chongqing | S667LN-ANT1-SY-XX-XX<br>S667LN-ANT2-SY-XX-XX<br>S667LN-ANT3-SY-XX-XX<br>S667LN-ANT4-SY-XX-XX |

| TYPE                  |                                              |
|-----------------------|----------------------------------------------|
| 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 B2:1850-1910MHz             |
|                       | WCDMA B1/LTE B1: 1920 - 1980MHz              |
|                       | LTE B7:2496-2565MHz                          |
|                       | LTE B40:2300-2400MHz                         |
|                       | LTE B38/B41:2565-2645MHz                     |
|                       | LTE B20:832-862MHz                           |
|                       | LTE B12/B17/B28:710-755MHz                   |

|                           |      |                                                                                  |
|---------------------------|------|----------------------------------------------------------------------------------|
| Receiver Frequency        |      | GSM 850/WCDMA B5/LTE B5/B26 : 869 – 894 MHz                                      |
|                           |      | GSM 900/WCDMA B8/LTE B8 : 925 – 960 MHz                                          |
|                           |      | DCS/LTE B3/B66 : 1805 – 1880 MHz                                                 |
|                           |      | WCDMA 4/LTE B4 : 2110-2155 MHz                                                   |
|                           |      | PCS/WCDMA B2/LTE B2:1930-1990MHz                                                 |
|                           |      | WCDMA B1/LTE B1 : 2110 – 2170MHz                                                 |
|                           |      | LTE B7 :2620-2690MHz                                                             |
|                           |      | LTE B40 :2300-2400MHz                                                            |
|                           |      | LTE B38/412565-2645MHz                                                           |
|                           |      | LTE B20 :791-821MHz                                                              |
|                           |      | LTE B12/B17/B28 :758-803MHz                                                      |
|                           |      |                                                                                  |
|                           |      |                                                                                  |
| RF-Output Power (E.I.R.P) |      | GSM850/900: 32+/-2dBm                                                            |
|                           |      | DCS/PCS: 30+/-2dBm                                                               |
|                           |      | LTE B1/B2/B3/ B4/B5<br>/B7/B8/B12/B17/B20/B26/B28/B38/B40/B41/B66: 23+/-<br>2dBm |
|                           |      | WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm                                                 |
| Antenna<br>Gain           | ANT3 | GSM 850/WCDMA B5/LTE B5/B26: -5.18                                               |
|                           |      | GSM 900/WCDMA B8/LTE B8: -5.1                                                    |
|                           |      | DCS /WCDMA B4/LTE B3/LTE B4 /B66:-2.11                                           |
|                           |      | PCS/WCDMA B2/LTE B2: -1.67                                                       |
|                           |      | WCDMA B1/LTE B1 : -2.81                                                          |
|                           |      | LTE B7: -0.85                                                                    |
|                           |      | LTE B40: -0.16                                                                   |
|                           |      | LTE B20:-6.4                                                                     |
|                           |      | LTE B12/B17/B28:-6.7                                                             |
|                           |      | LTE B41 -0.16                                                                    |
|                           |      | LTE B38 -0.38                                                                    |
|                           | ANT1 | GPS(L1): -0.77                                                                   |
|                           |      | WIFI 2.4G: -2.94                                                                 |
|                           | ANT4 | WIFI 5G:-1.74                                                                    |
|                           |      |                                                                                  |
| Type of<br>Modulation     |      |                                                                                  |

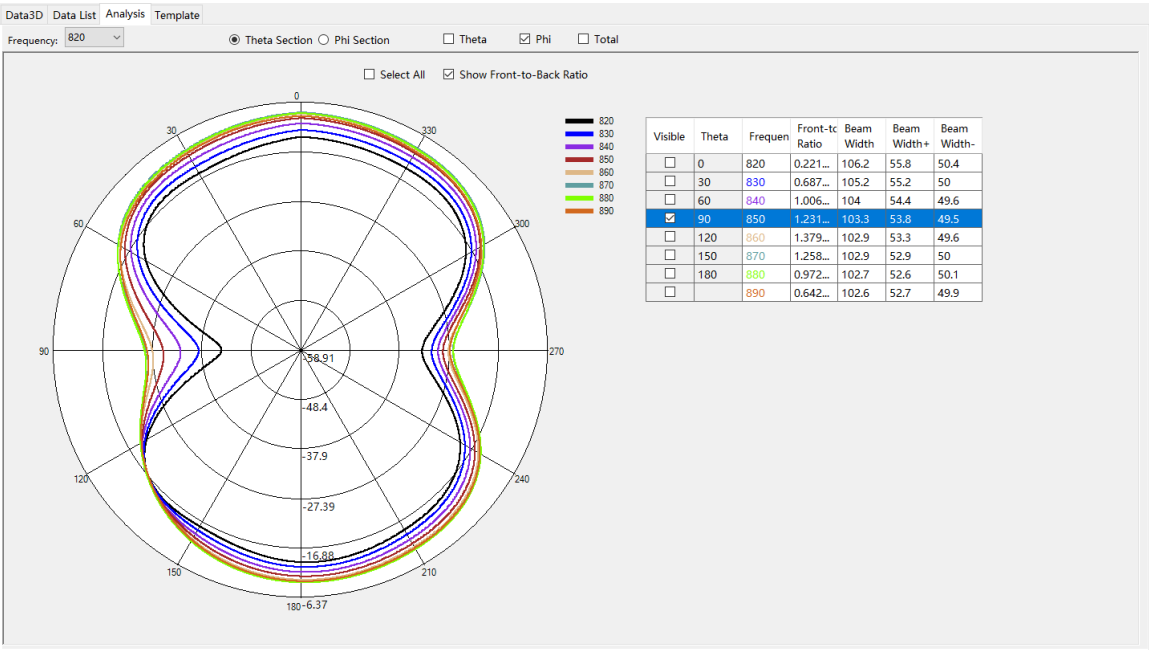
※ Antenna Gain

ANT3



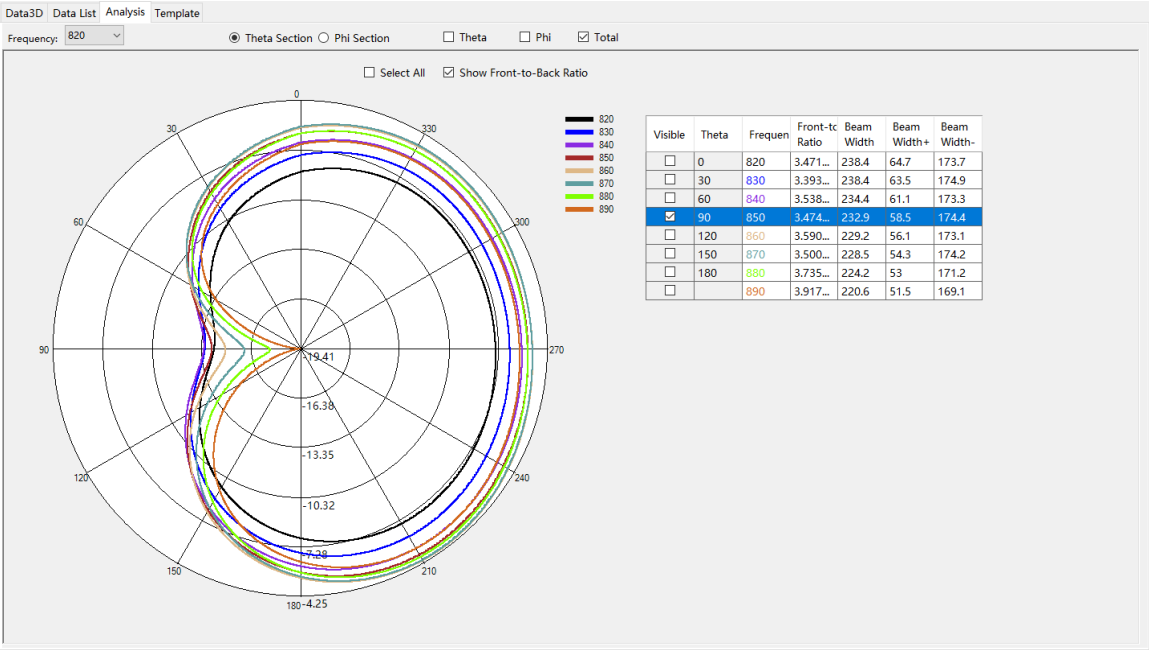
GSM850 / WCDMA B5 / LTE B5/ B26 Phi=0deg

※ Antenna Gain

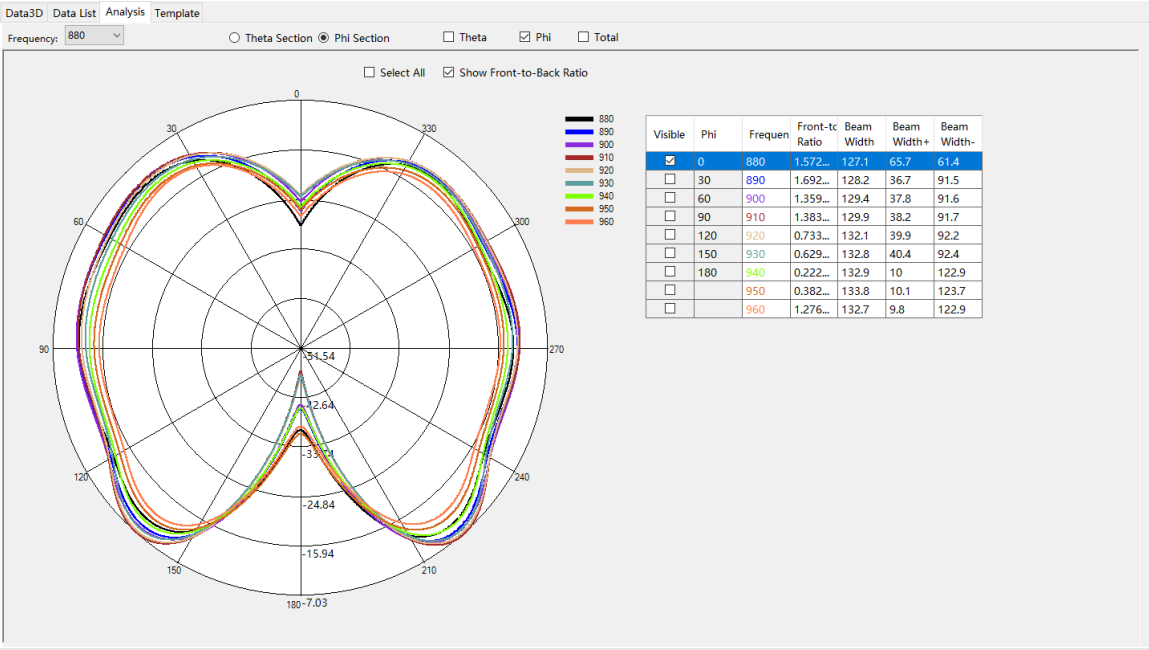


GSM850 / WCDMA B5 / LTE B5/ B26 Phi=90deg

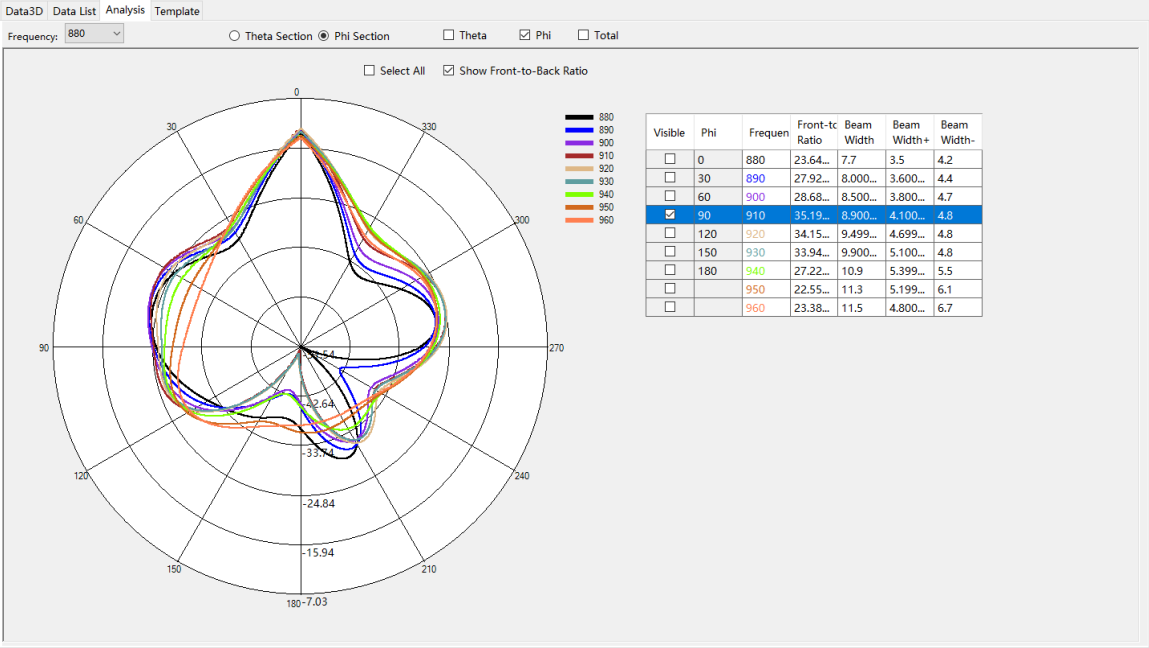
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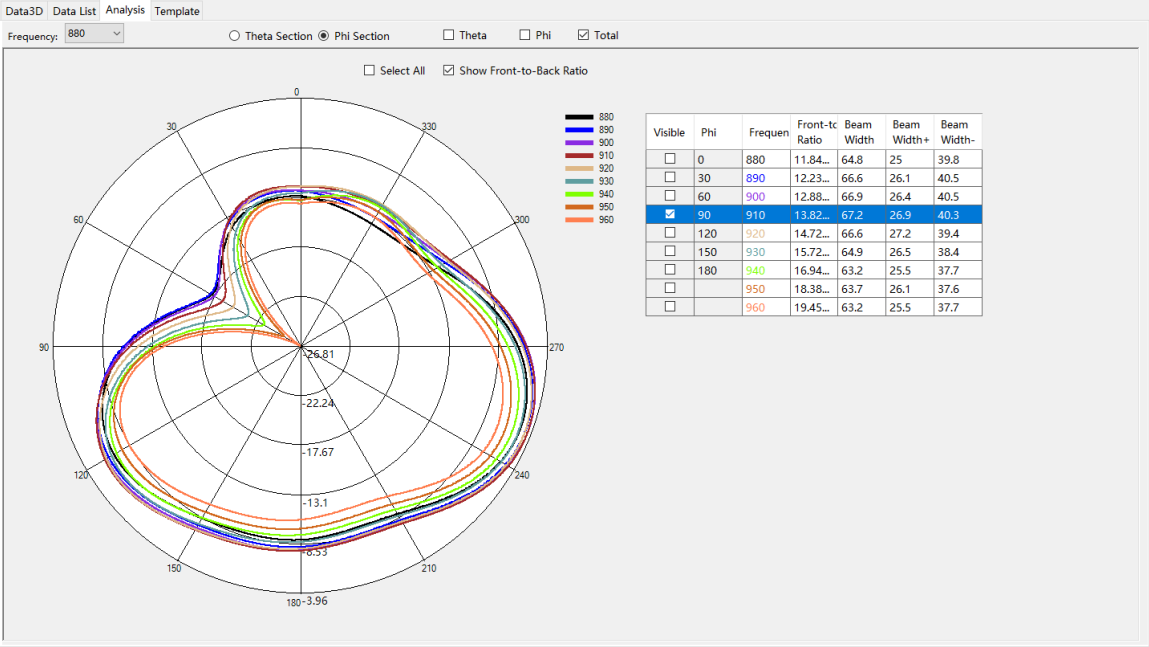
GSM850 / WCDMA B5 / LTE B5/B26 Theta=90deg



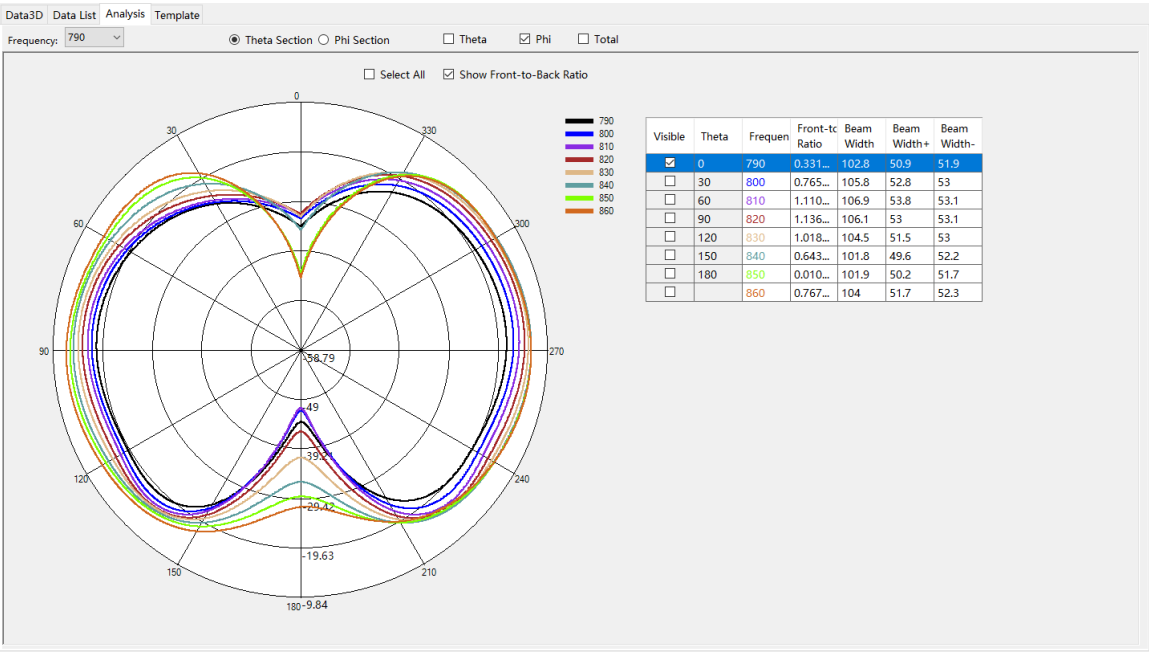
LTE B8 G900 W8 Phi=0deg



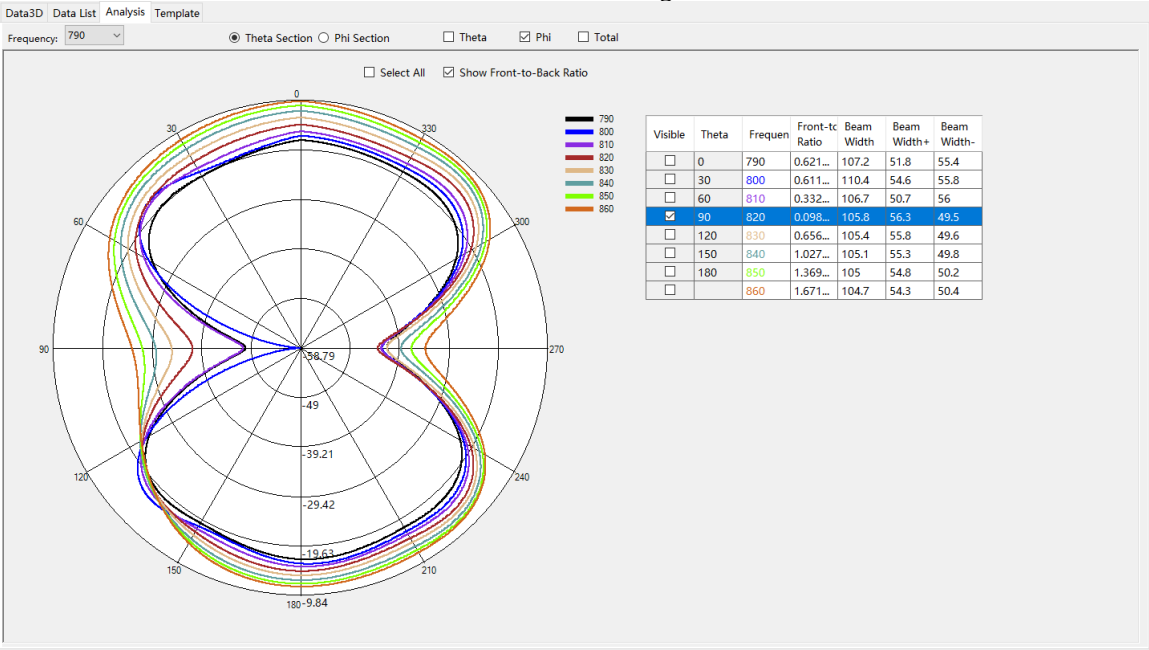
LTE B8 G900 W8 Phi=90deg



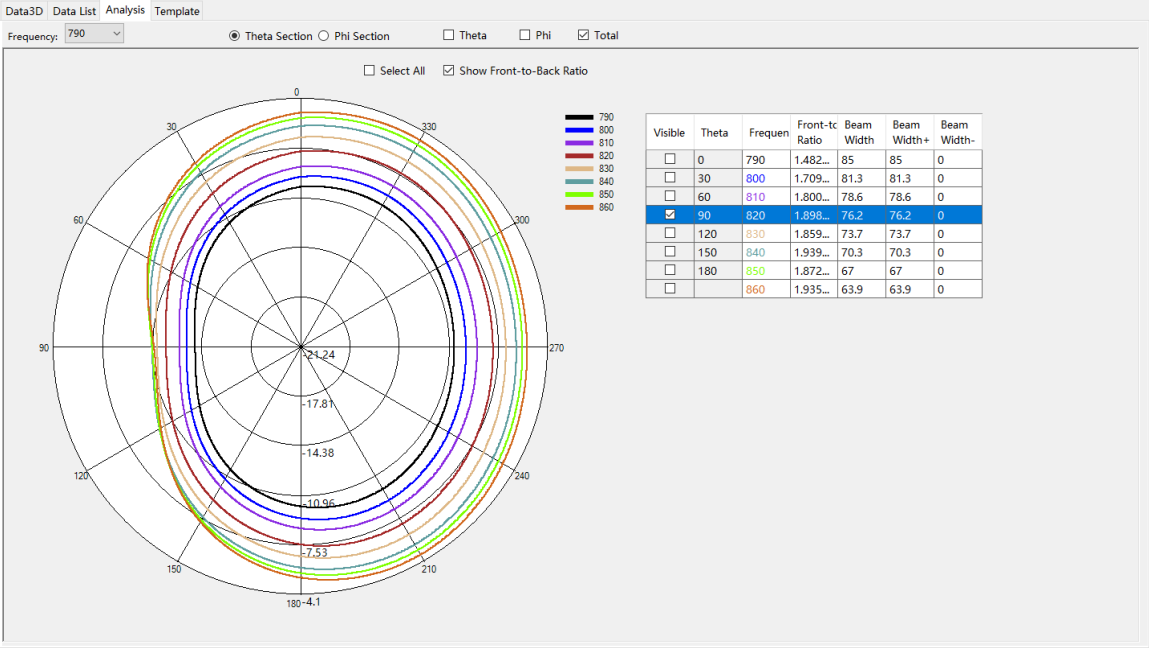
LTE B8 G900 W8 Theta=90deg



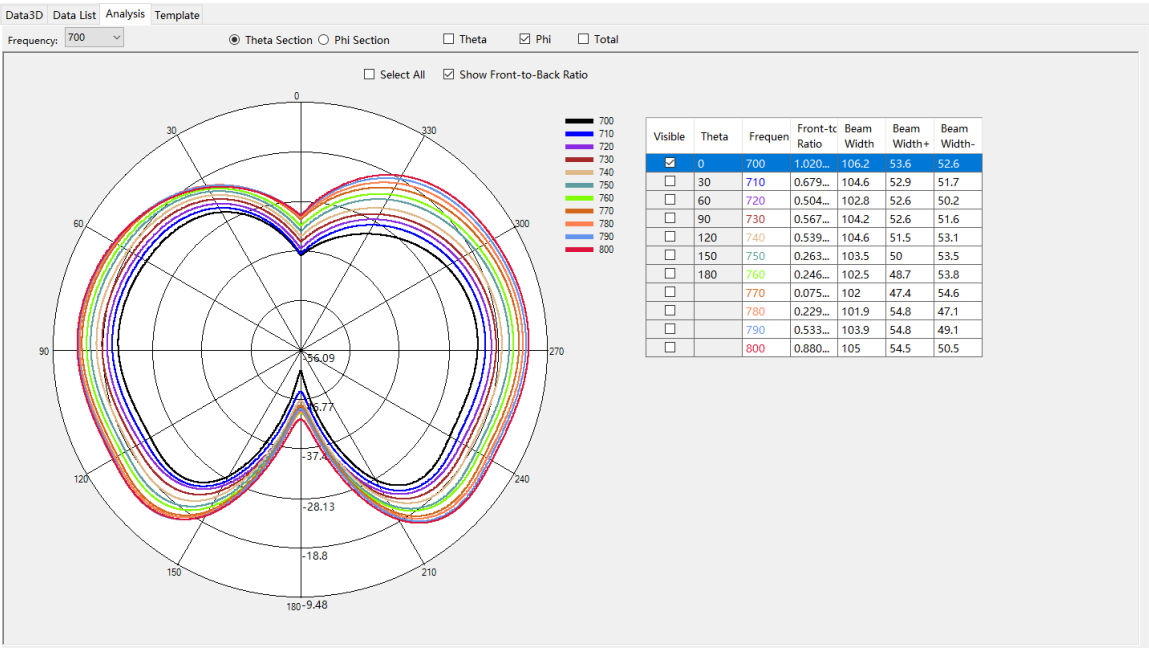
LTE B20 Phi=deg



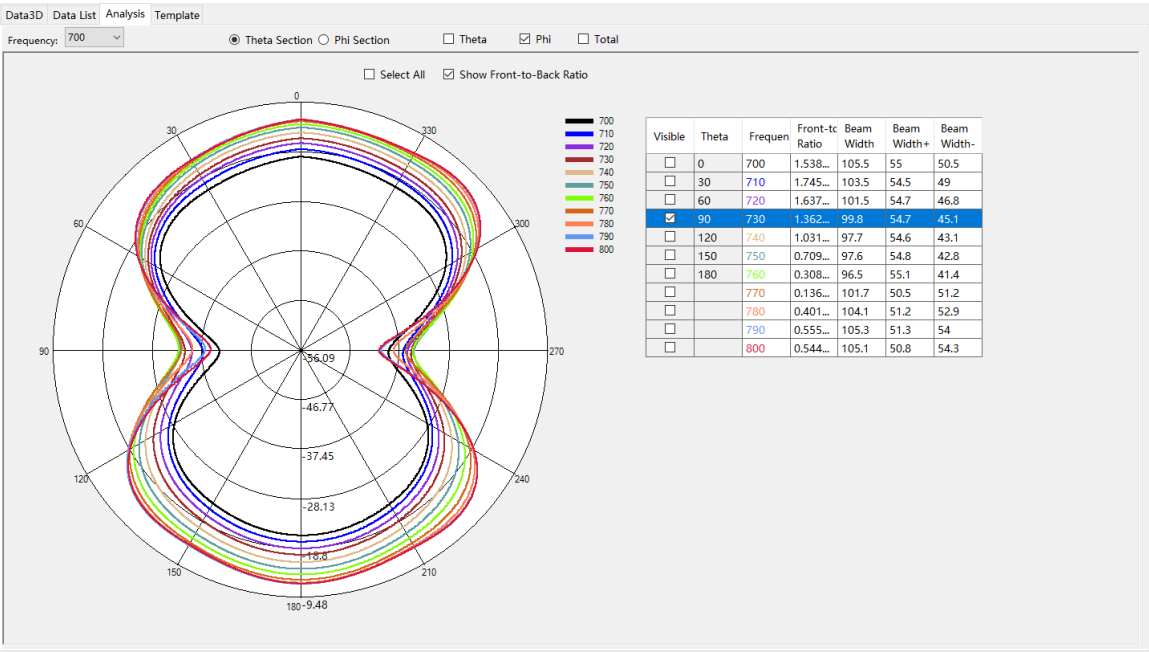
LTE B20 Phi=90deg



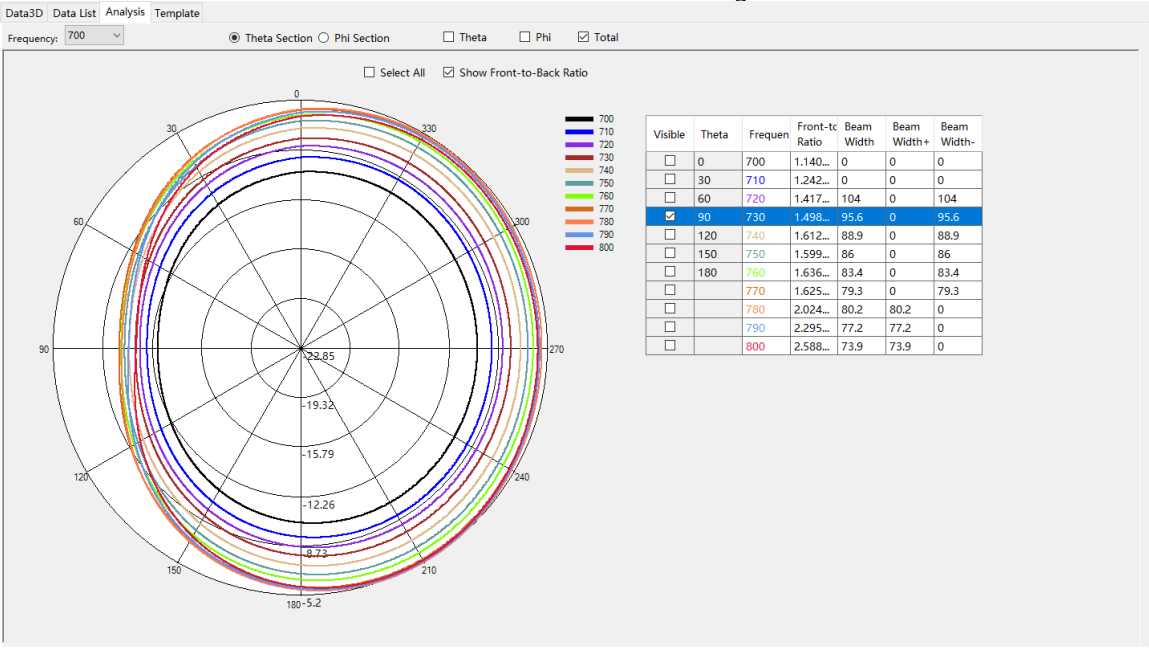
LTE B20 Theta=90deg



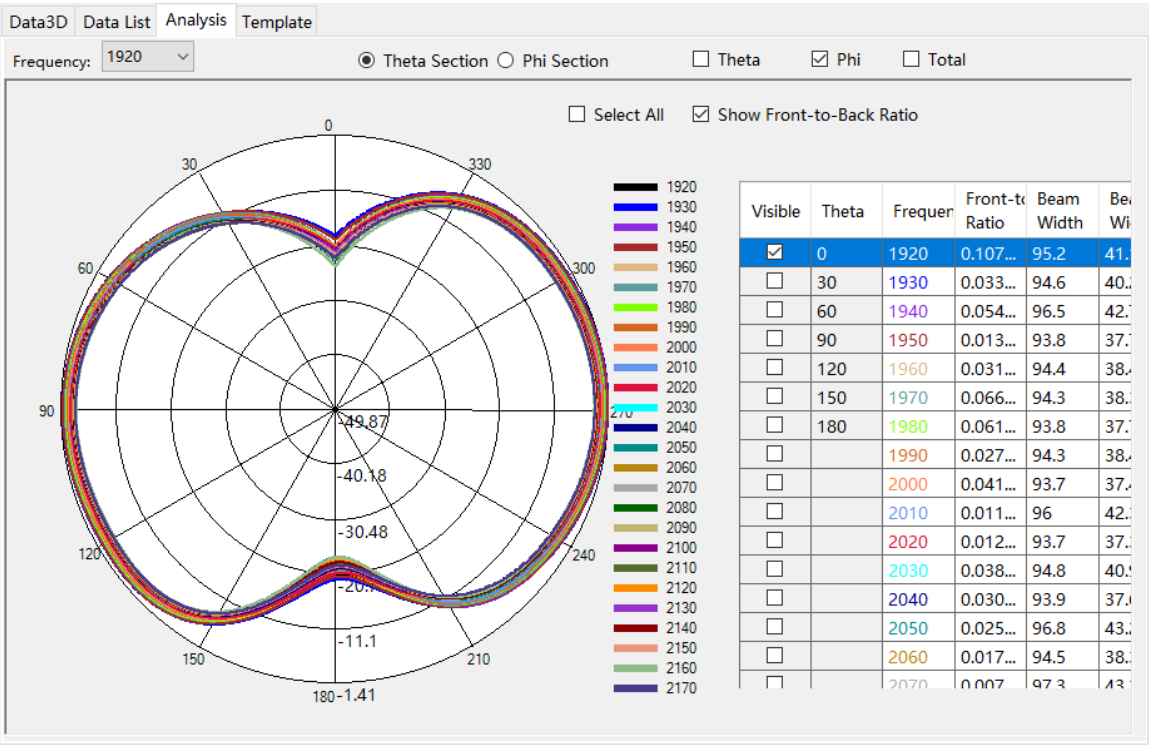
LTE B12/B17/B28 Phi=0deg



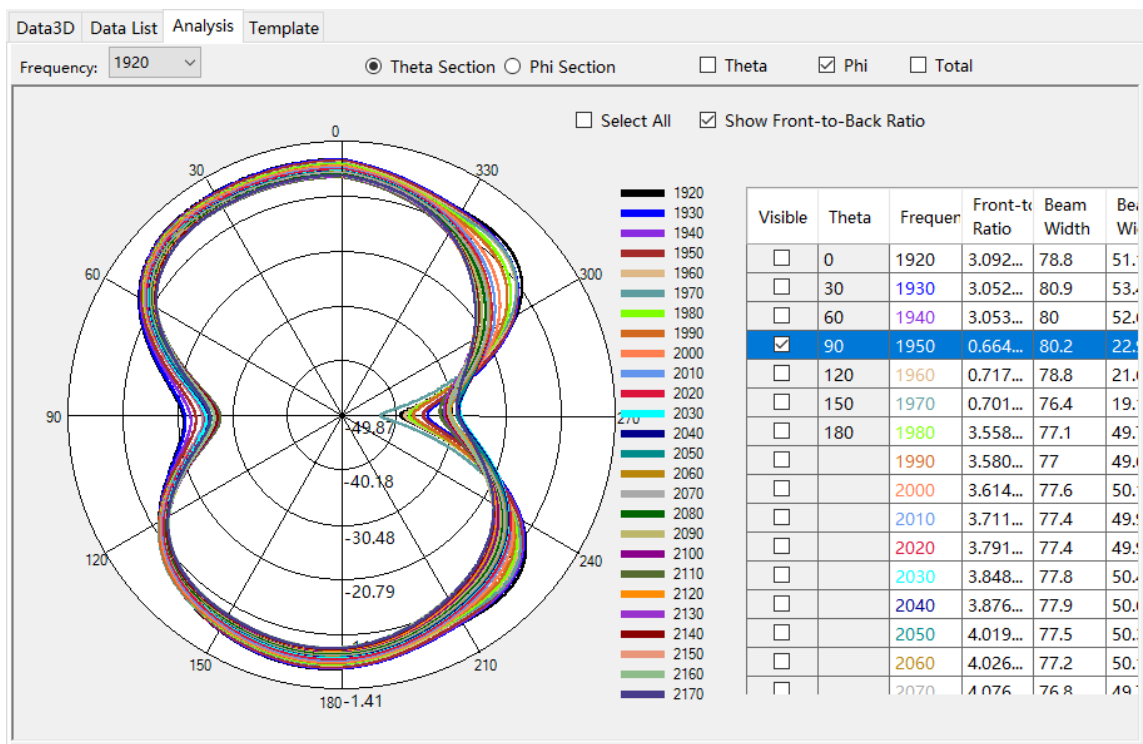
LTE B12/B17/B28 Phi=90deg



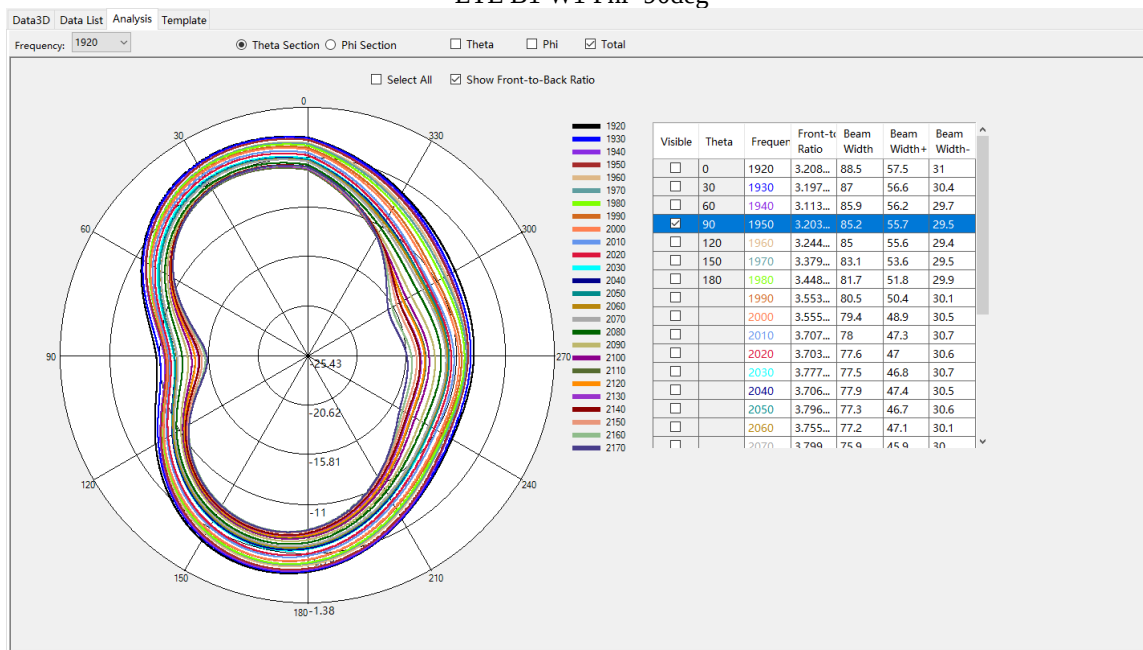
LTE B12/B17/B28 Theta=90deg



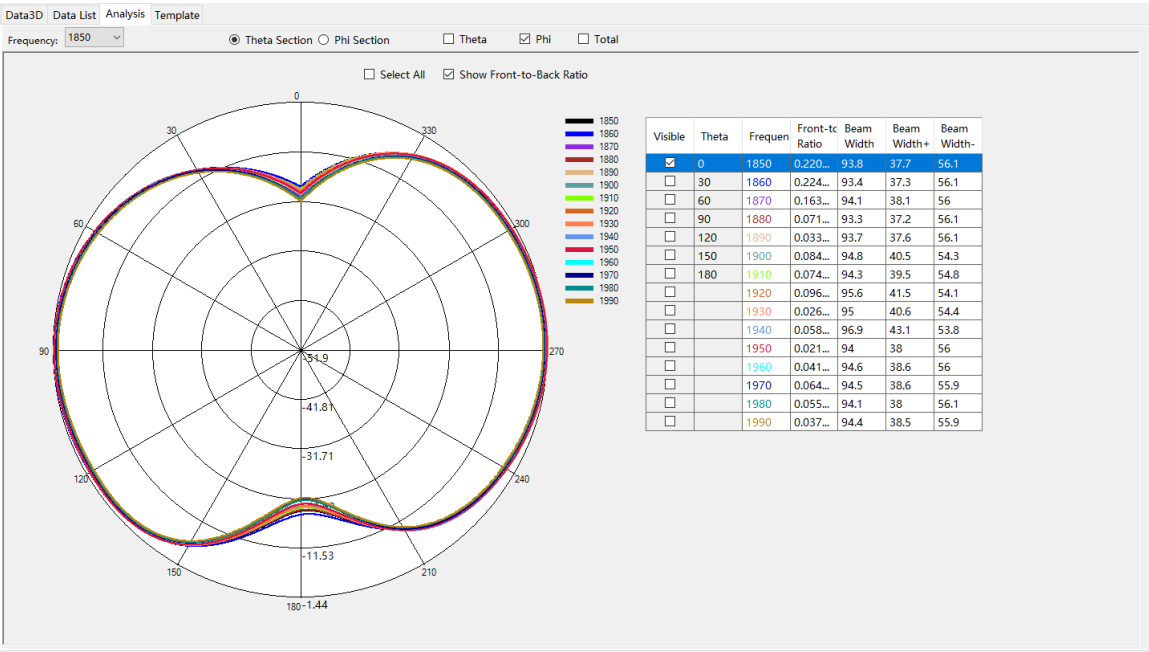
LTE B1 W1 Phi=0deg



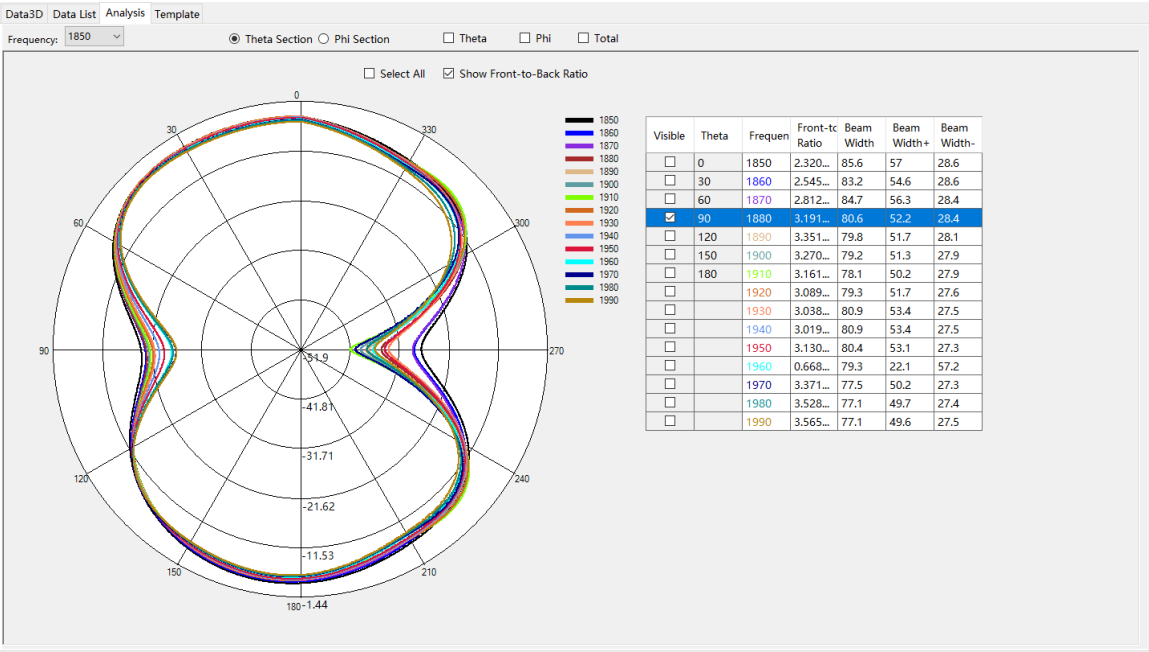
LTE B1 W1 Phi=90deg



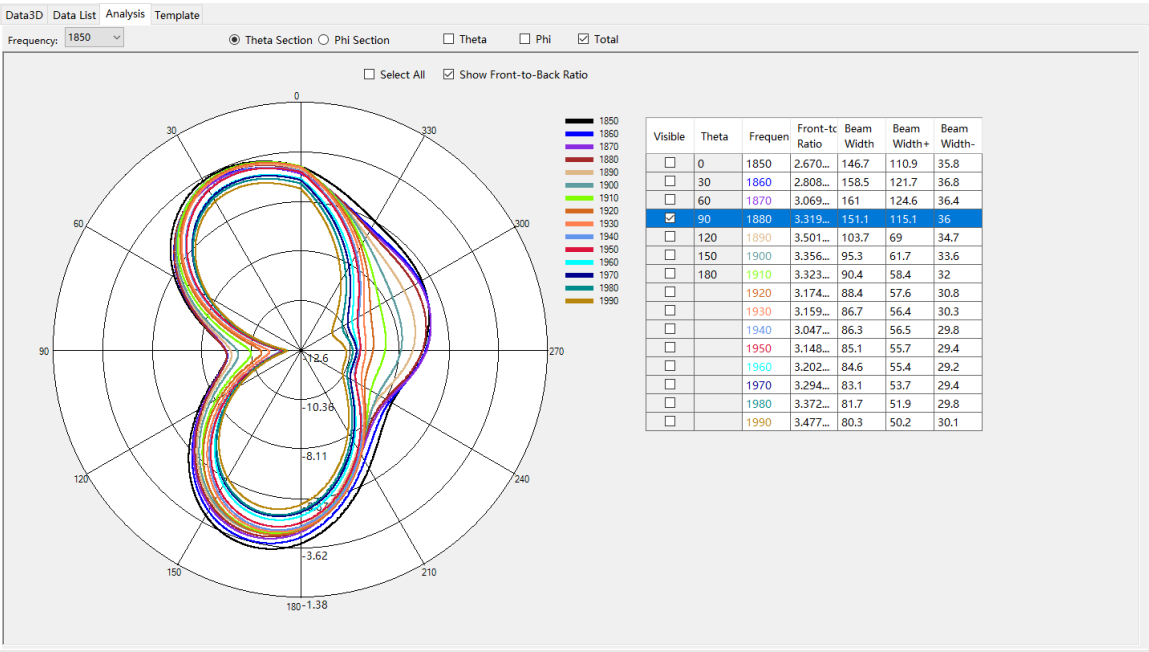
LTE B1 W1 Theta=90deg



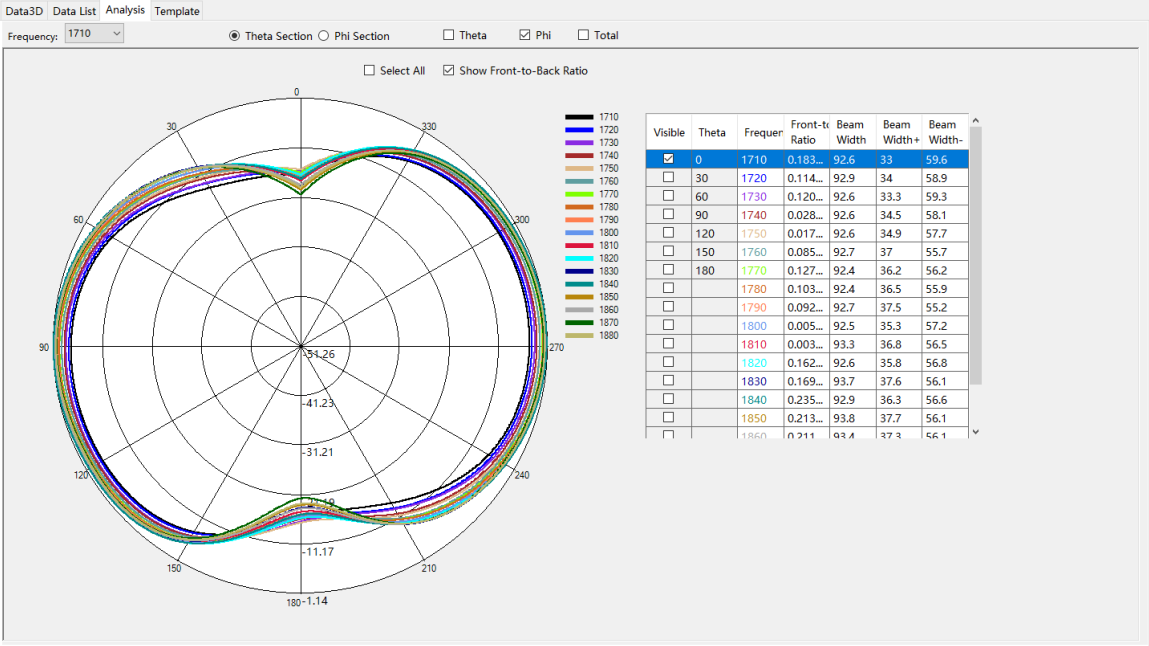
LTE B2 G1900 W1900 Phi=0deg



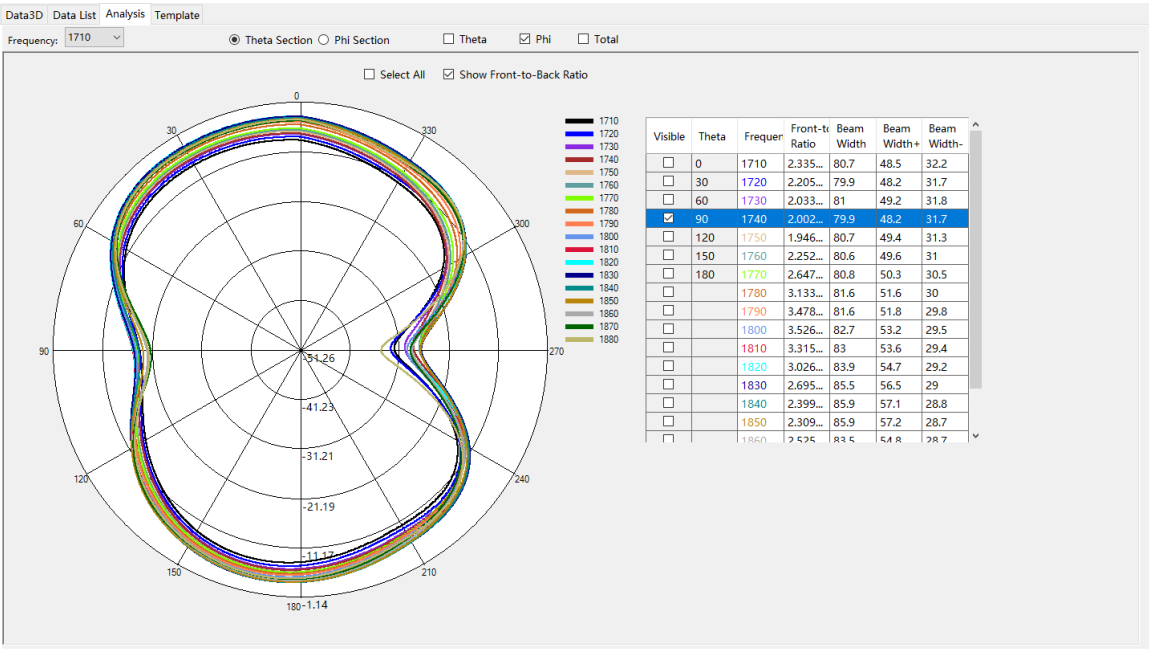
LTE B2 G1900 W1900 Phi=90deg



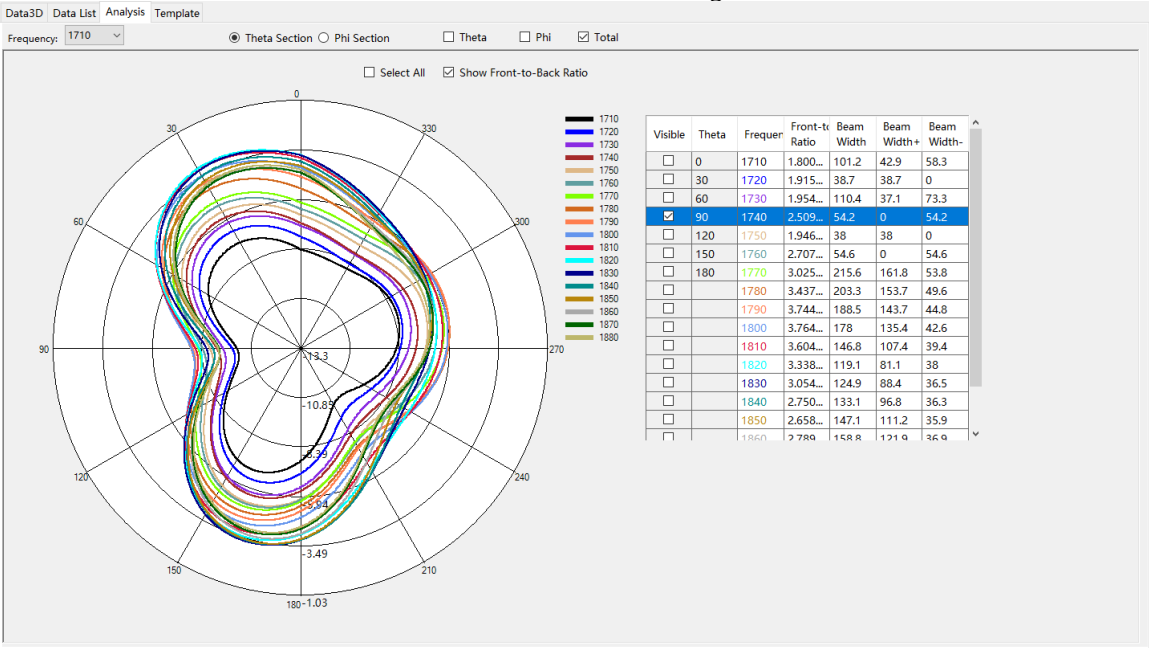
LTE B2 G1900 W1900 Theta=90deg



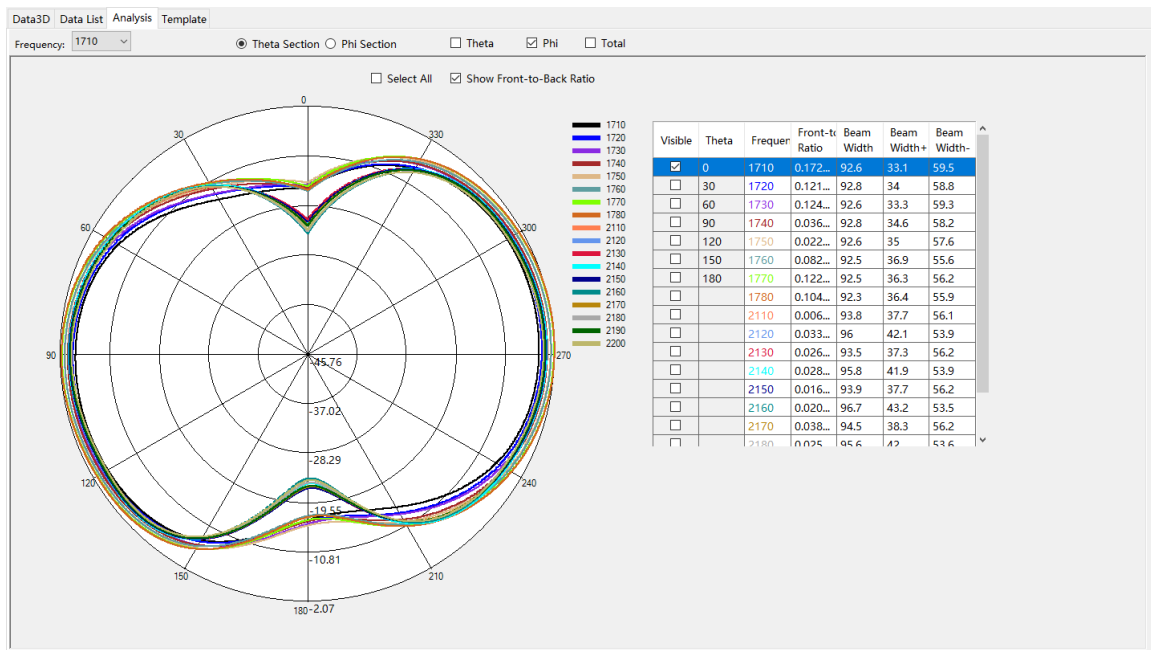
LTE B3 G1800 Phi=0deg



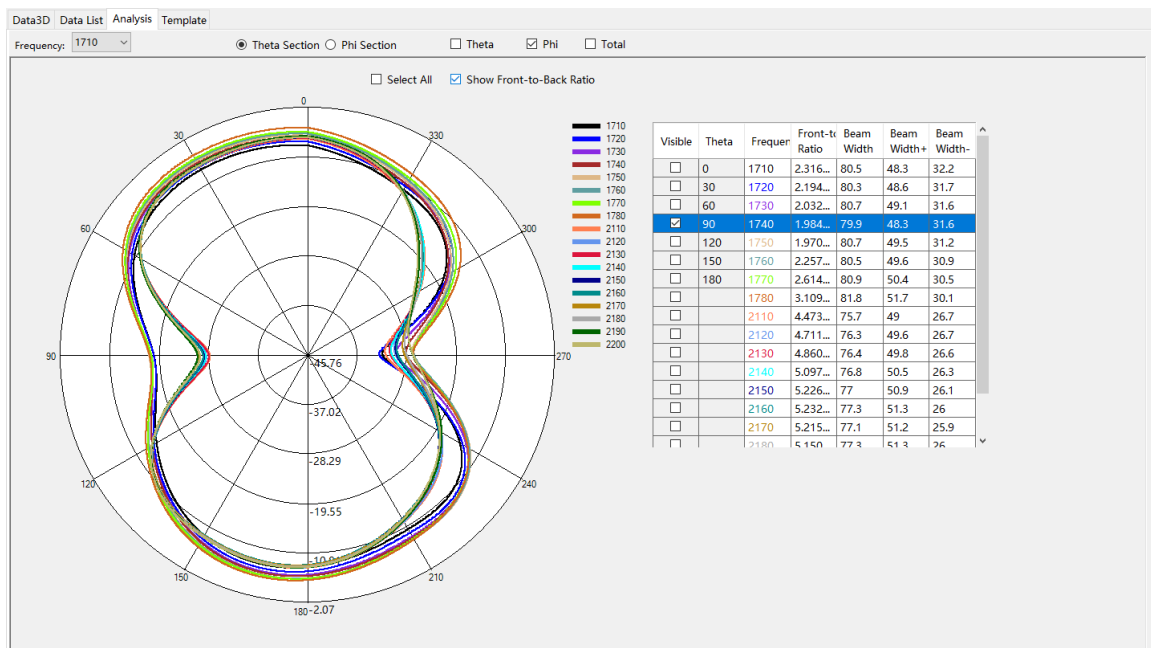
LTE B3 /G1800 Phi=90deg



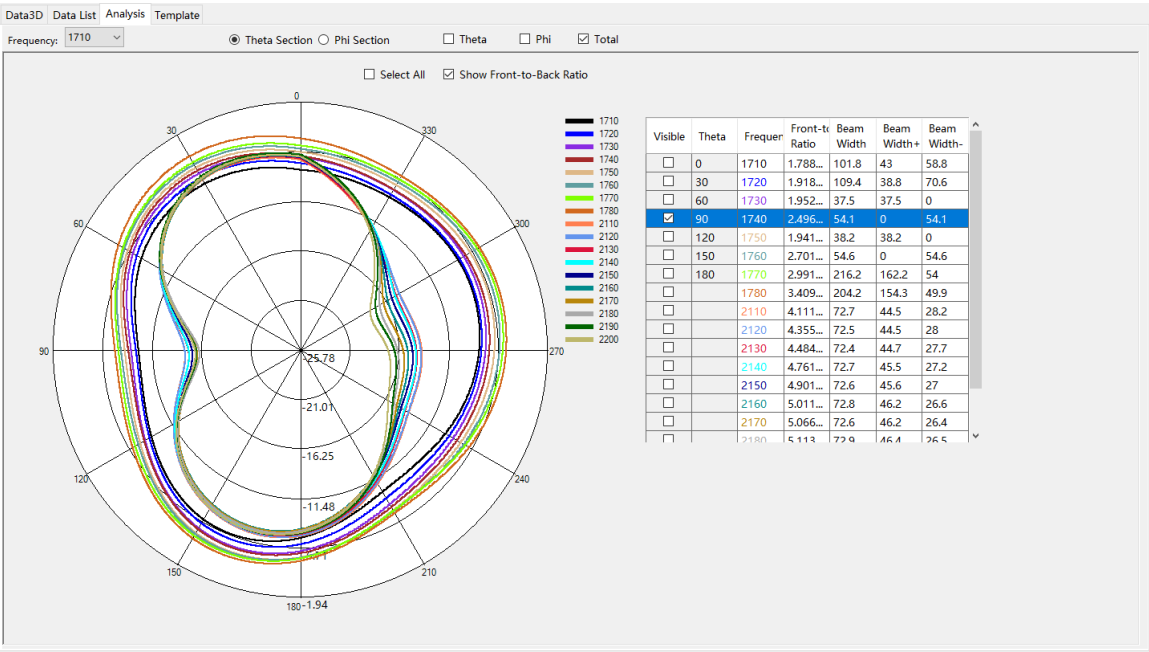
LTE B3 / G1800 Phi=90deg



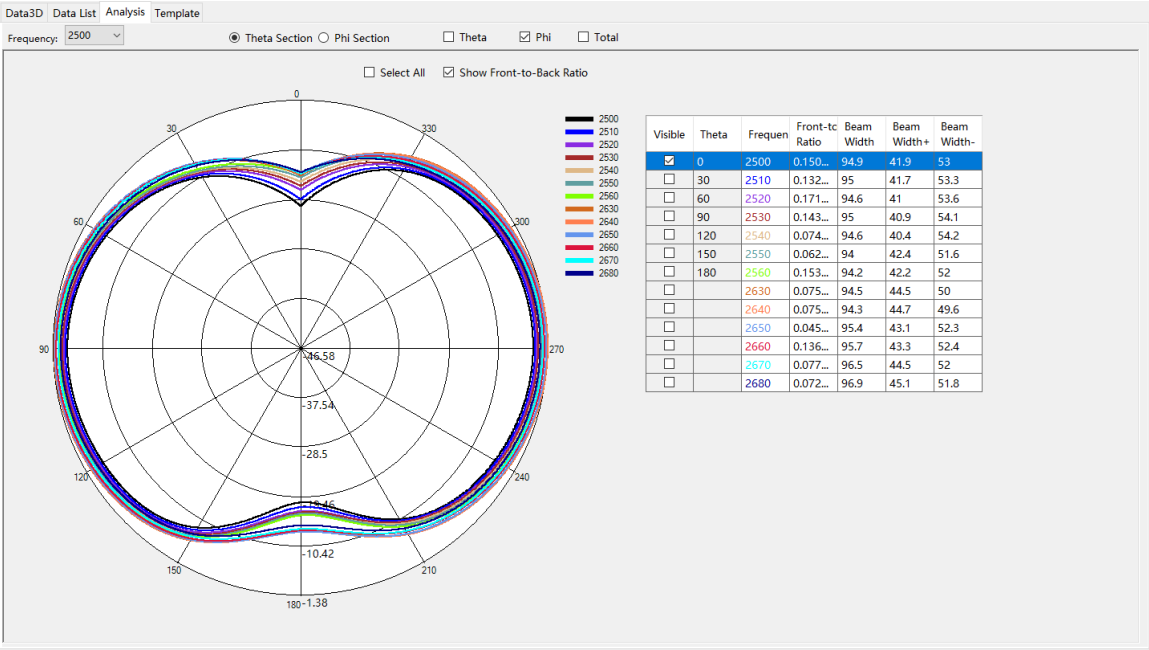
LTE B4 B66Phi=0deg



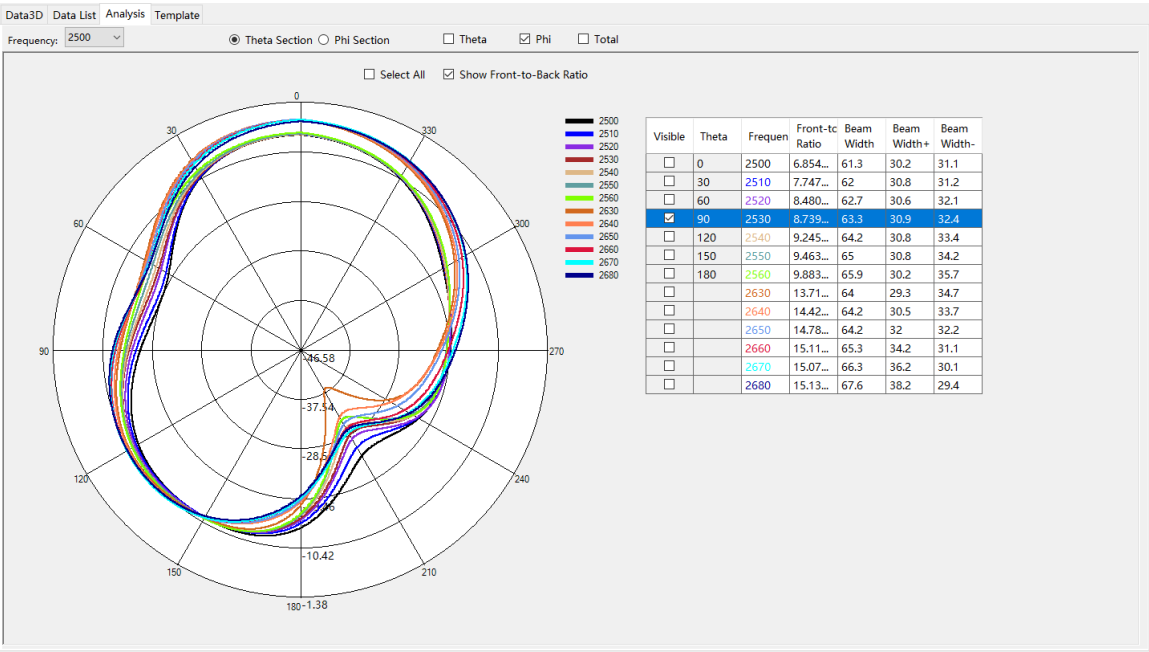
LTE B4 B66 Phi=90deg



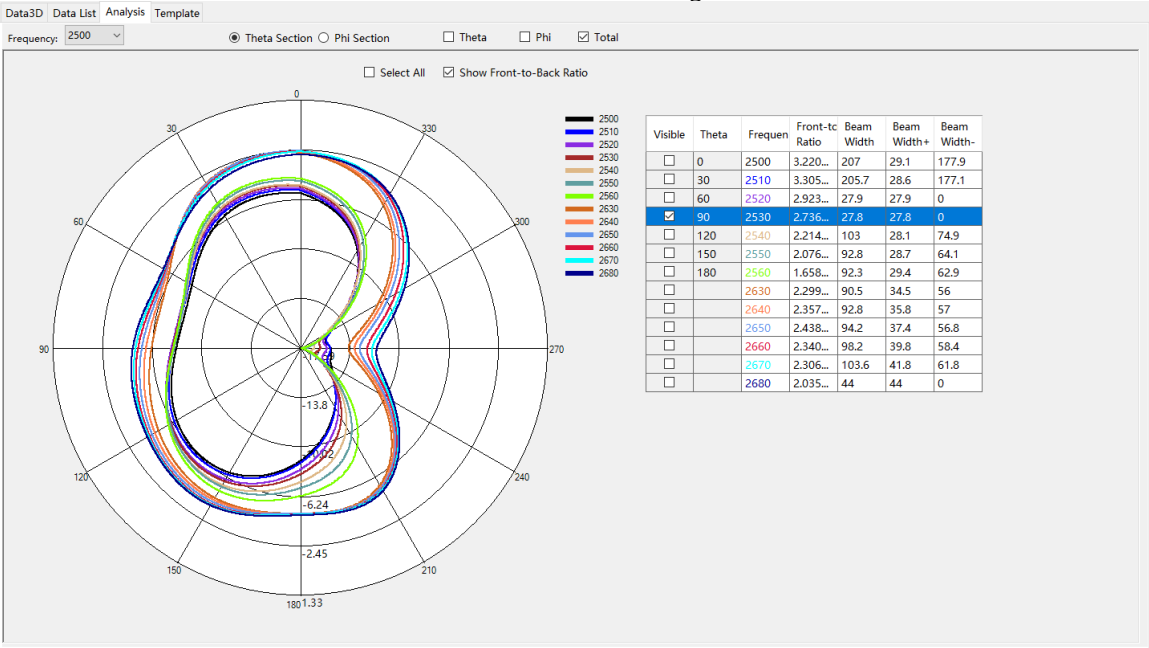
LTE B4 B66 Phi=90deg



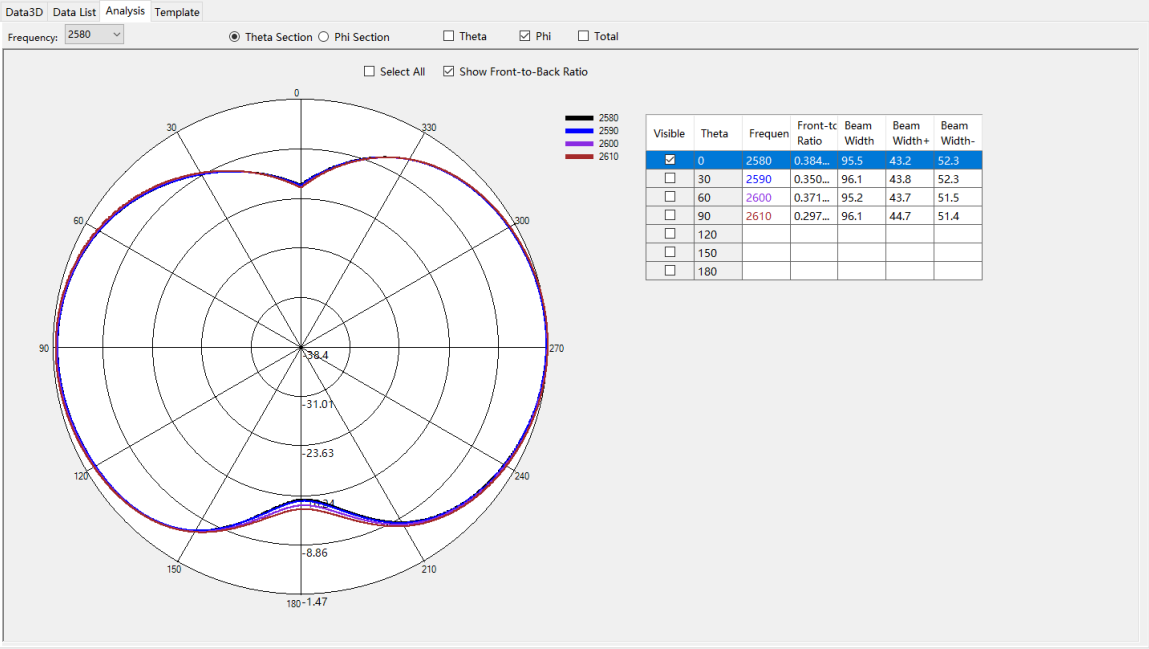
LTE B7 Phi=0deg



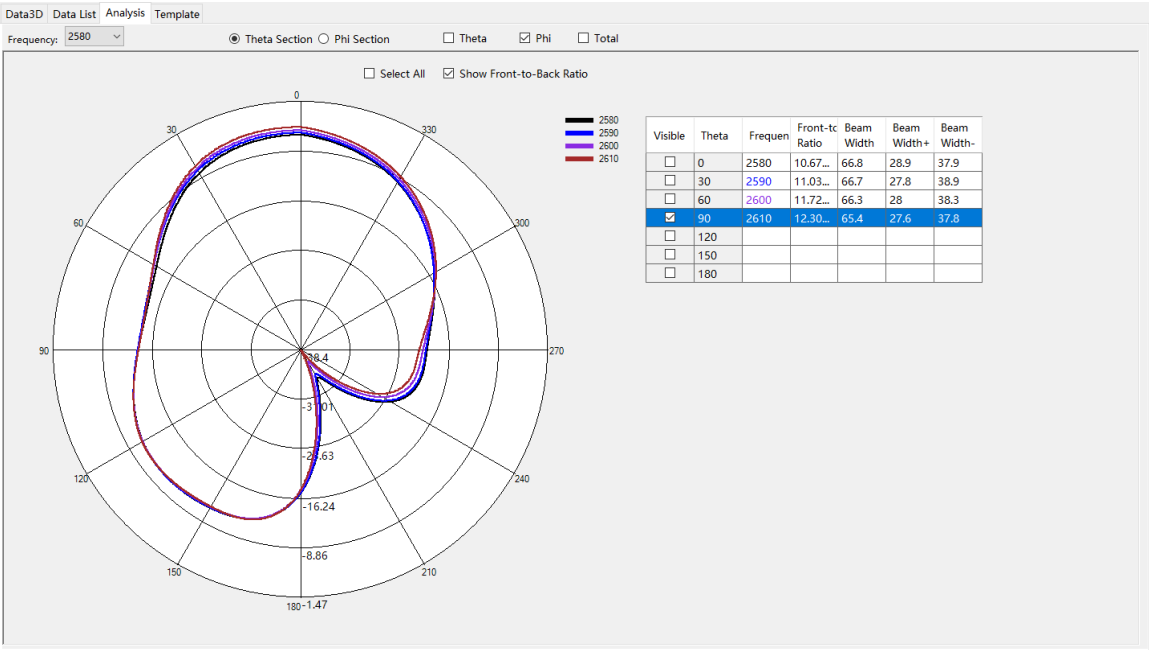
LTE B7 Phi=90deg



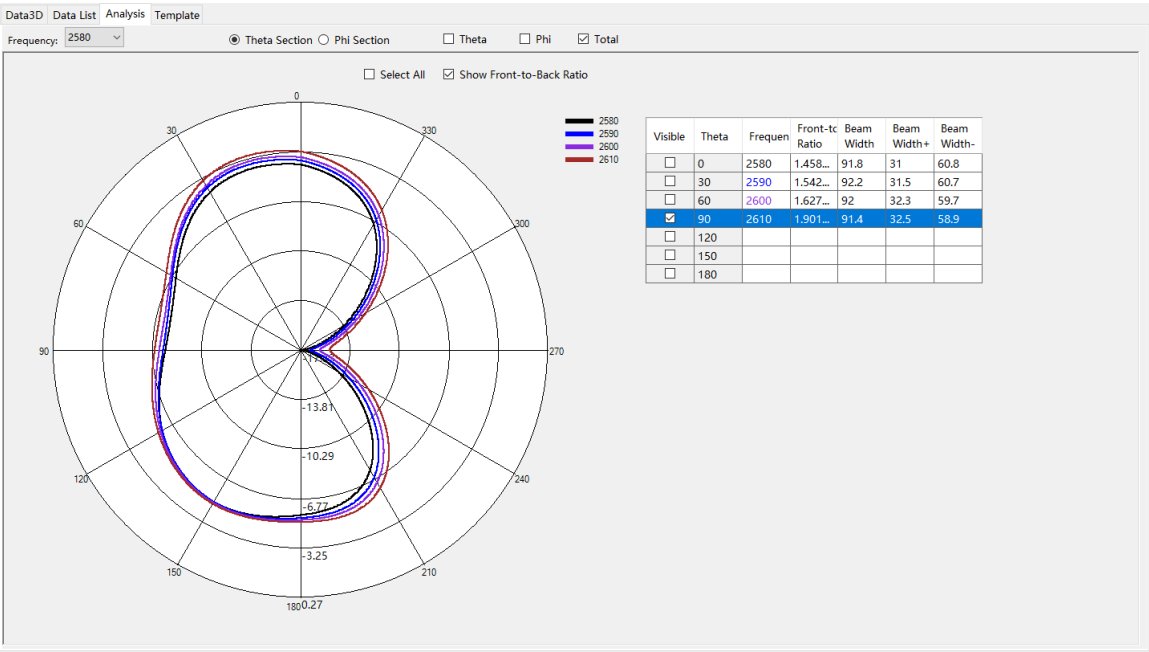
LTE B7 Theta=90deg



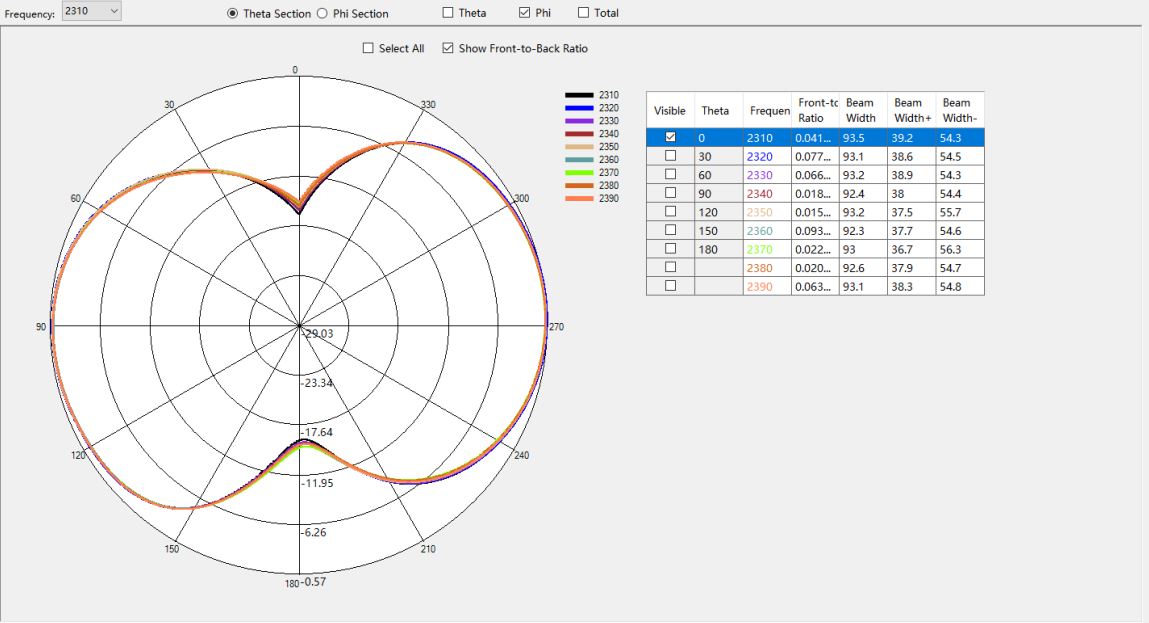
LTE B38 Phi=0deg



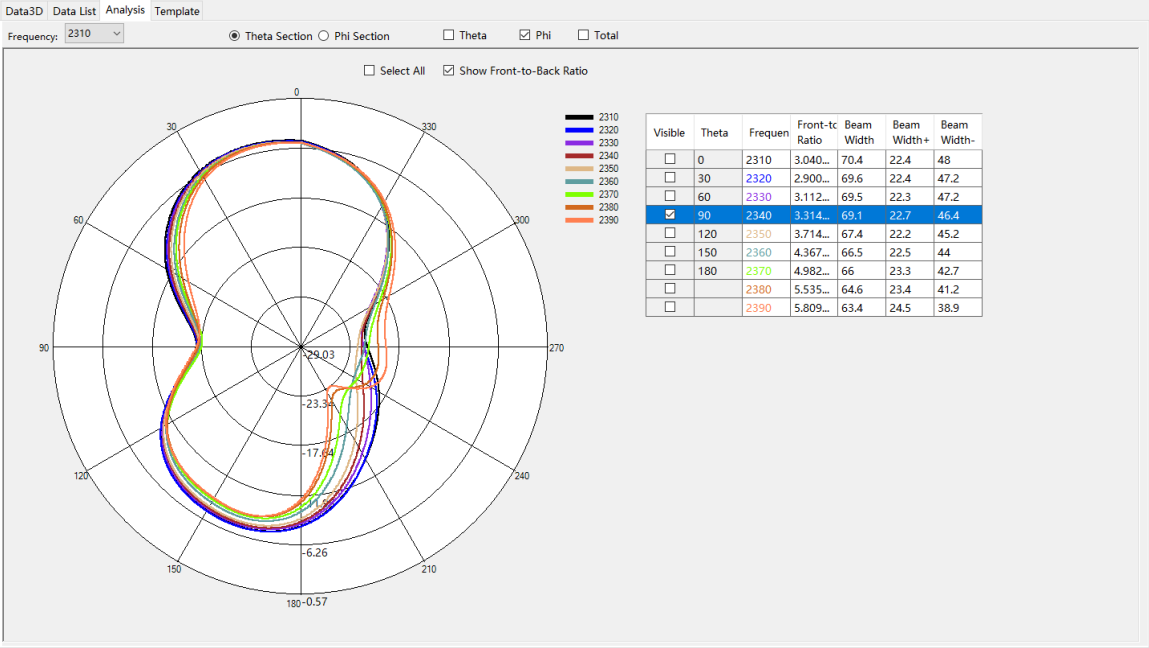
LTE B38 Phi=90deg



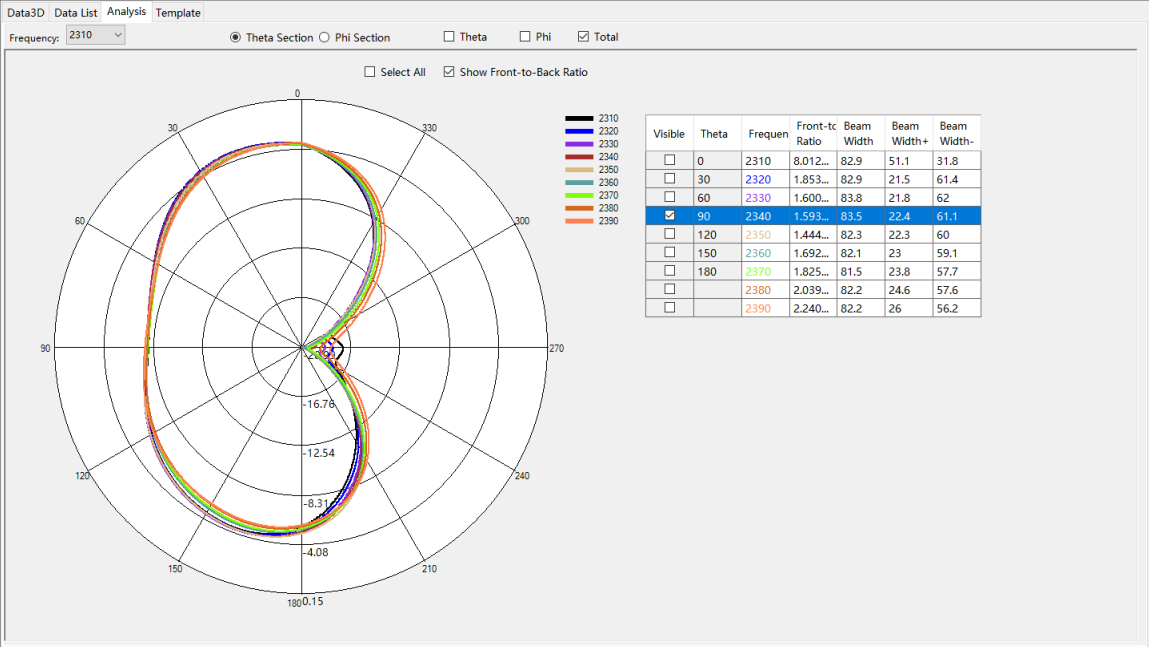
LTE B38 Theta=90deg



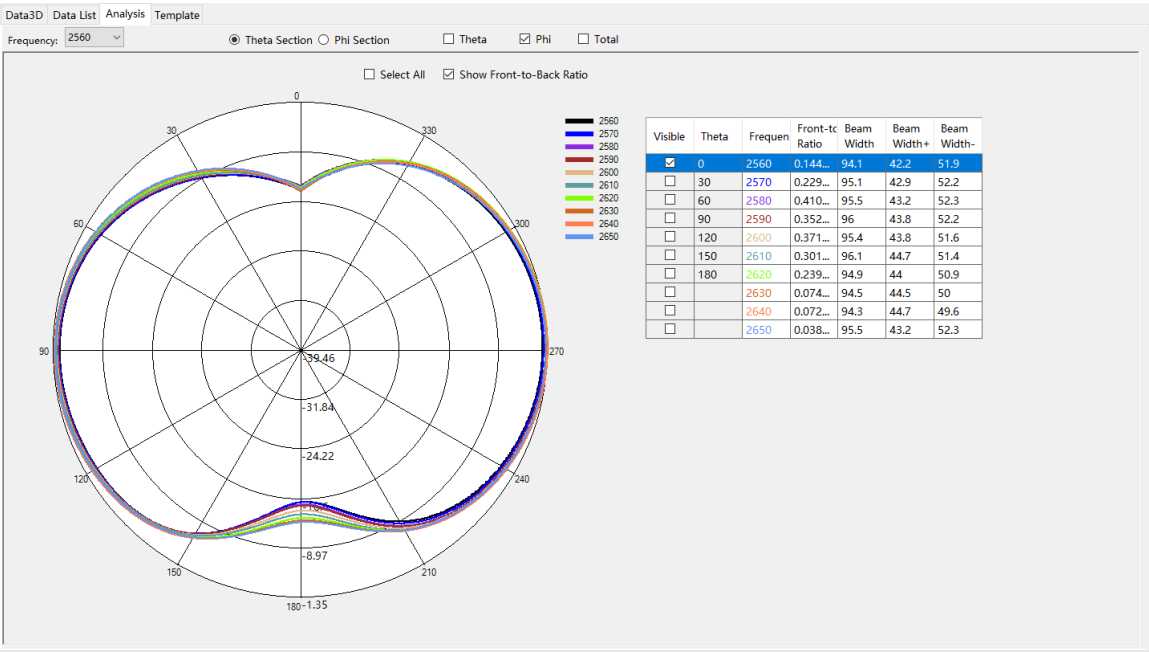
LTE B40      Phi=0deg



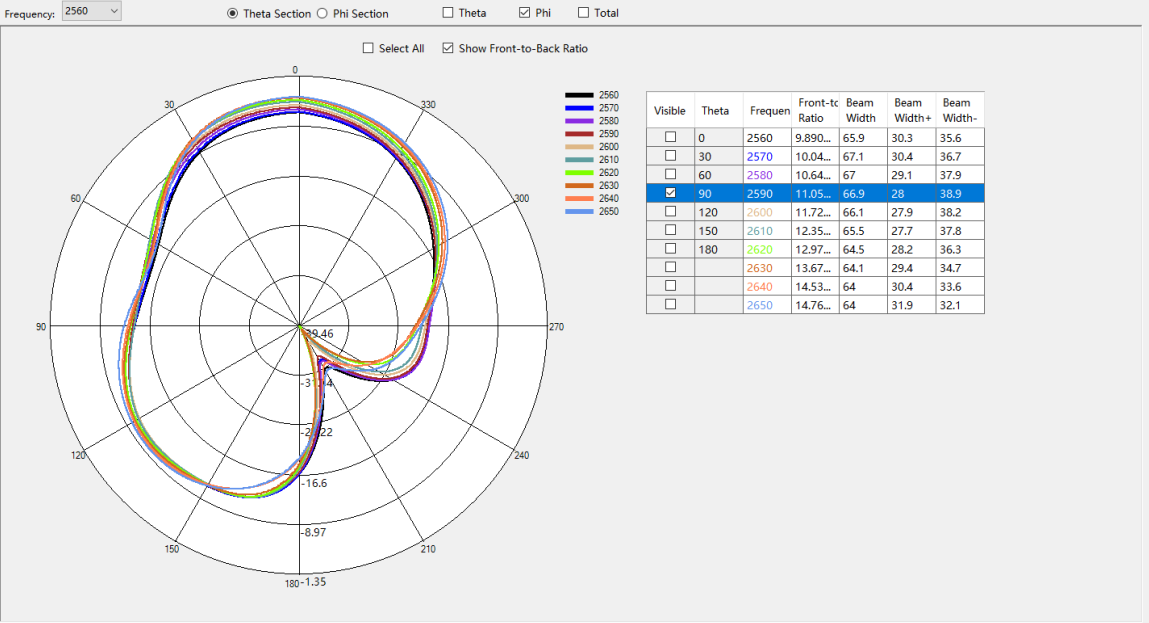
LTE B40      Phi=90deg



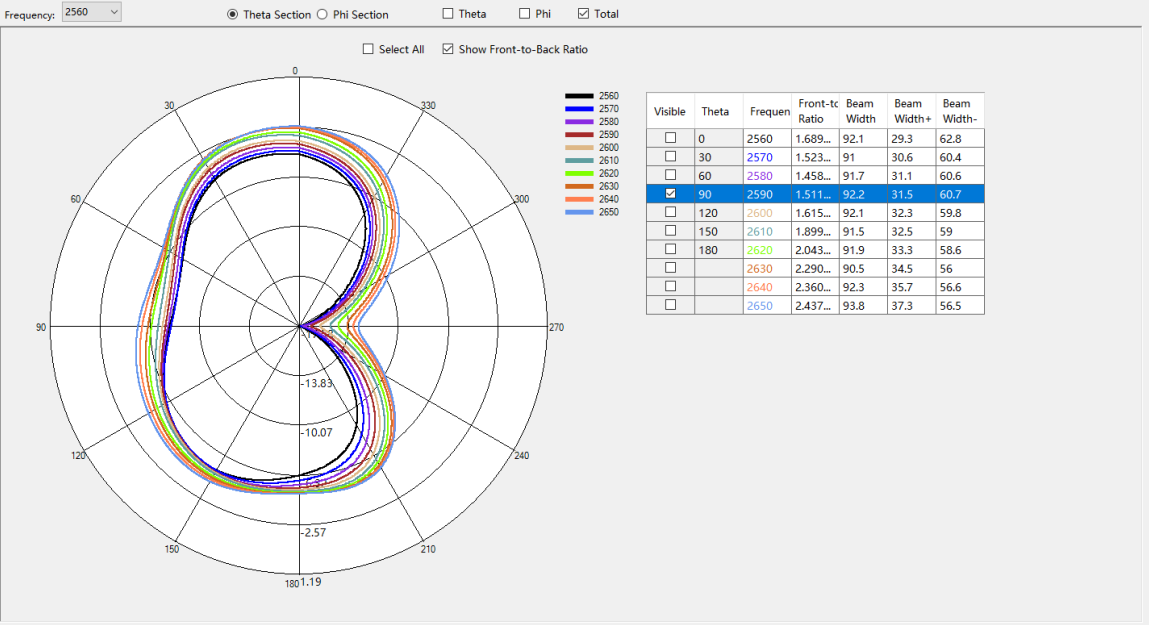
LTE B40      Theta=90deg



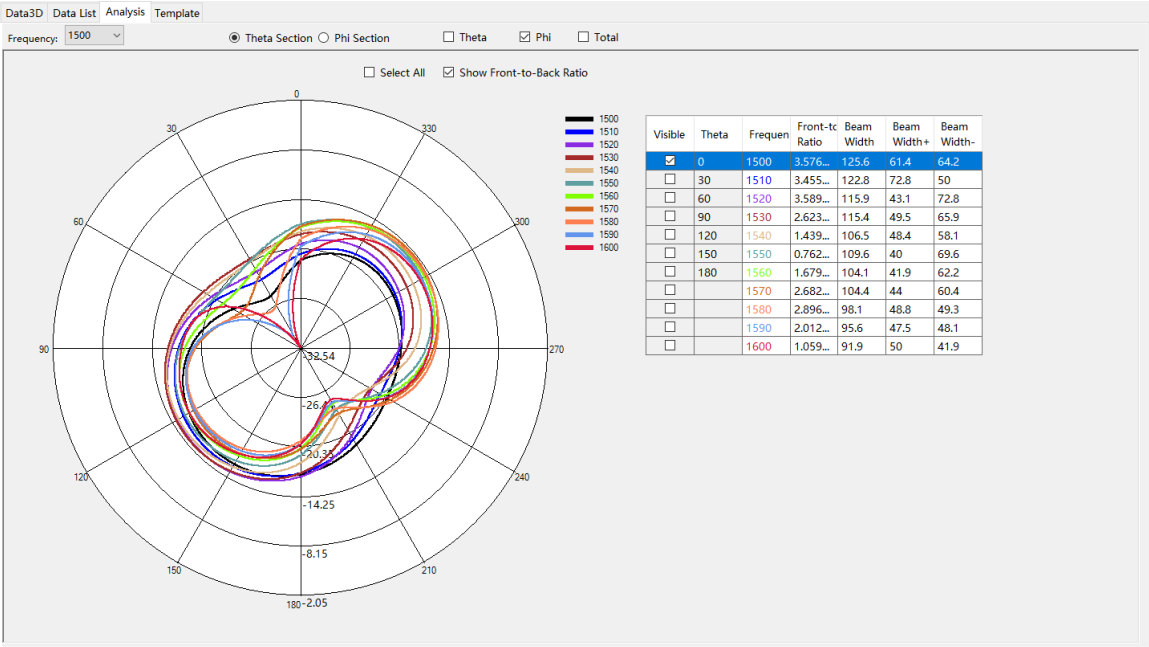
LTE B41 Phi=0deg



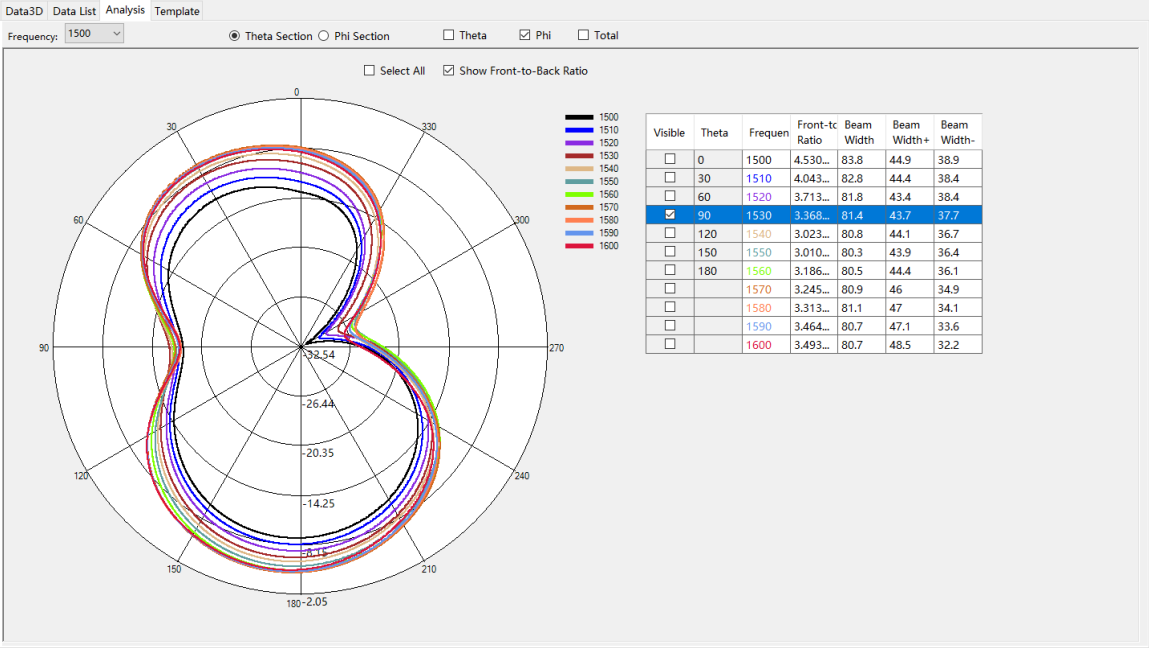
LTE B41    Phi=90deg



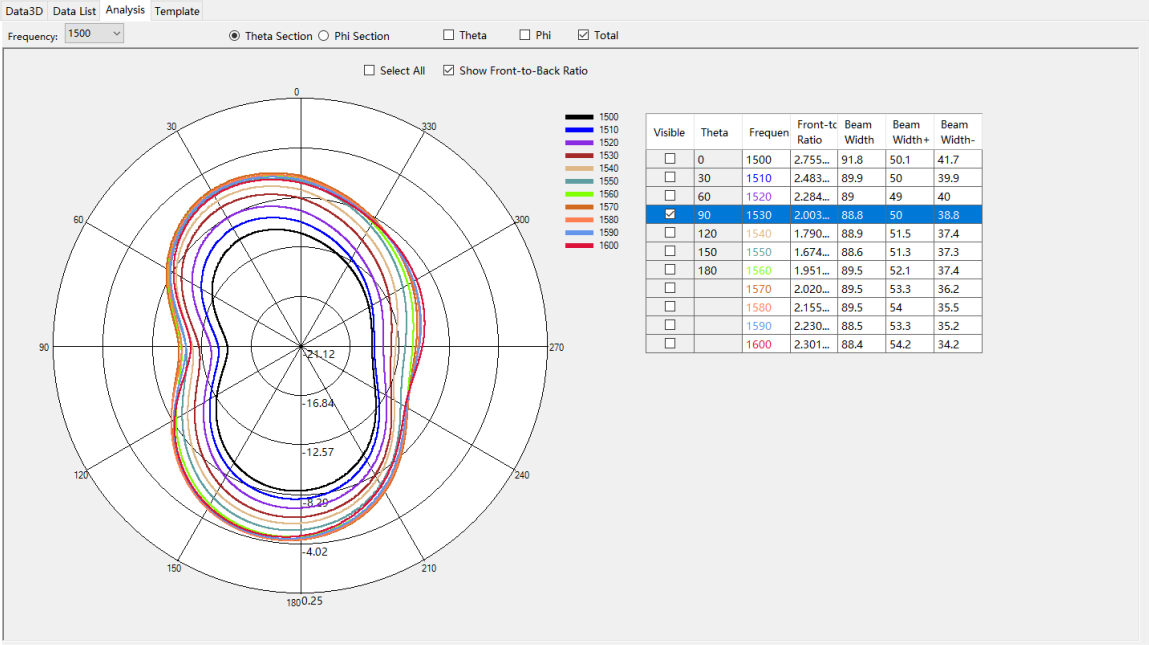
LTE B41    Theta=90deg



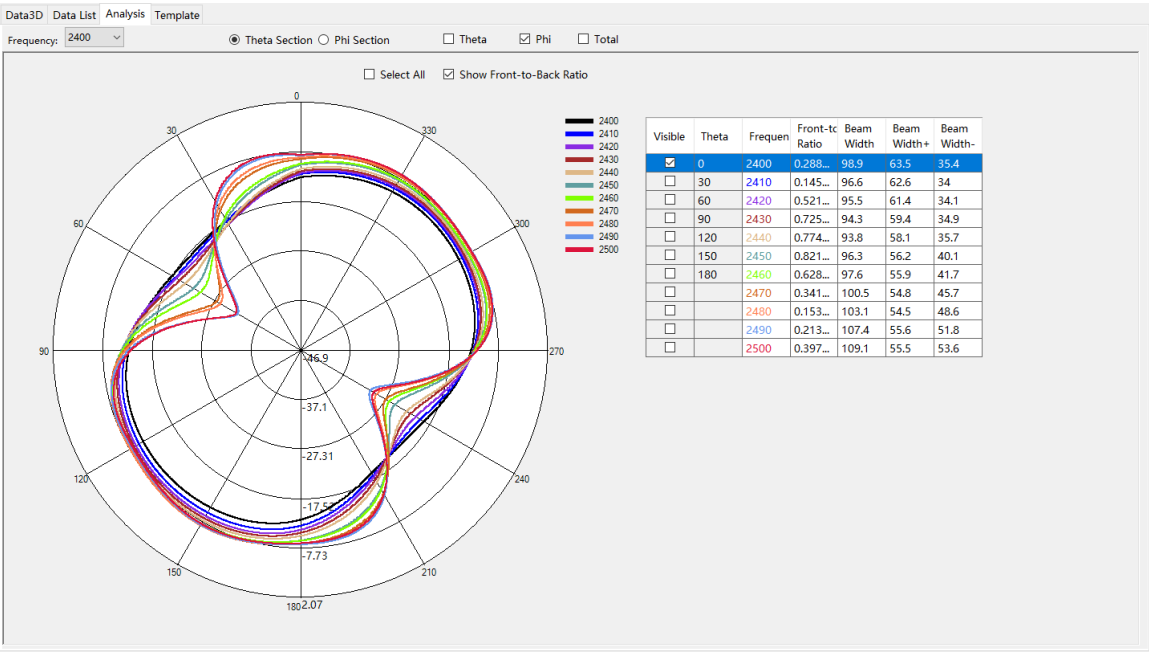
GPS Phi=0deg



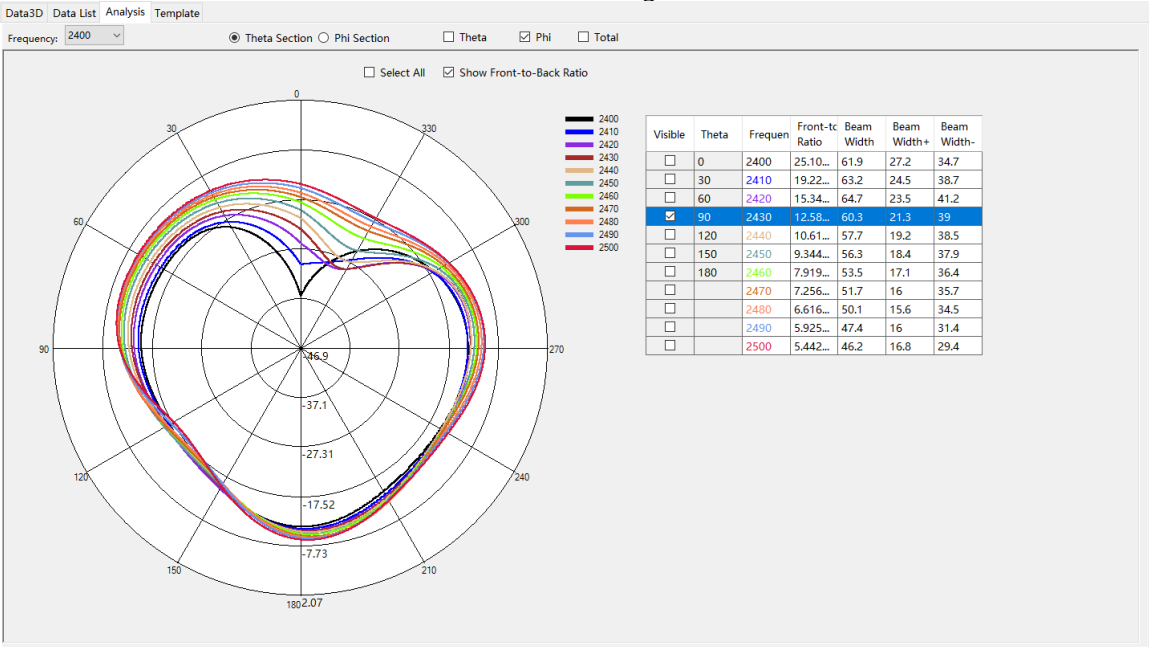
GPS Phi=90deg



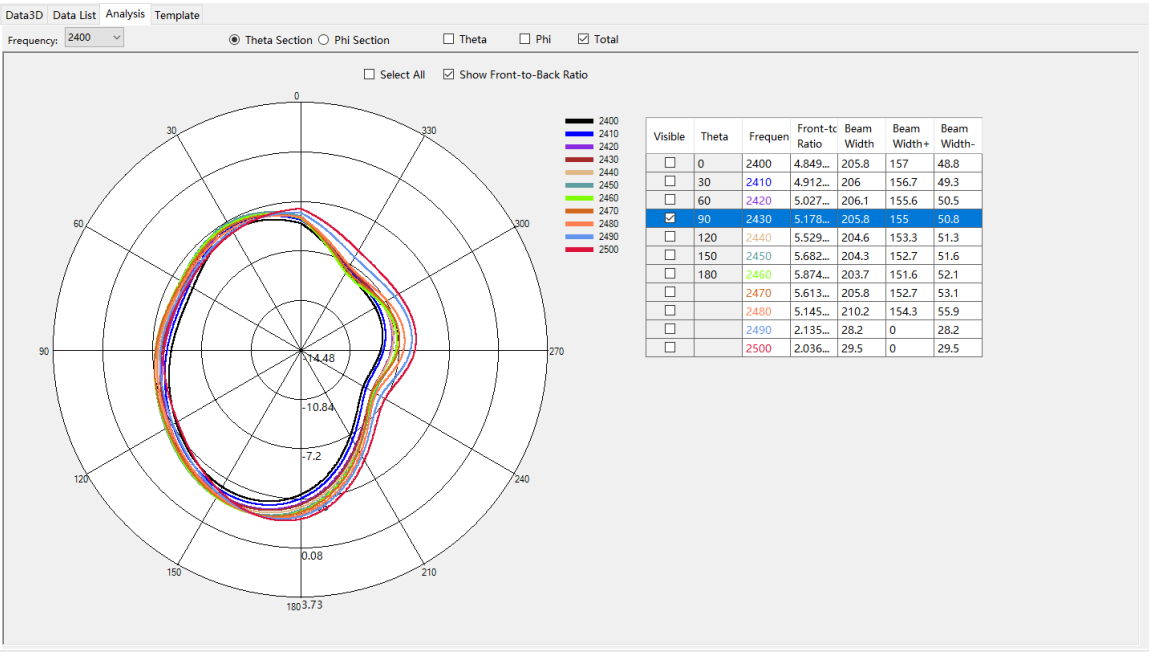
GPS Theta=90deg



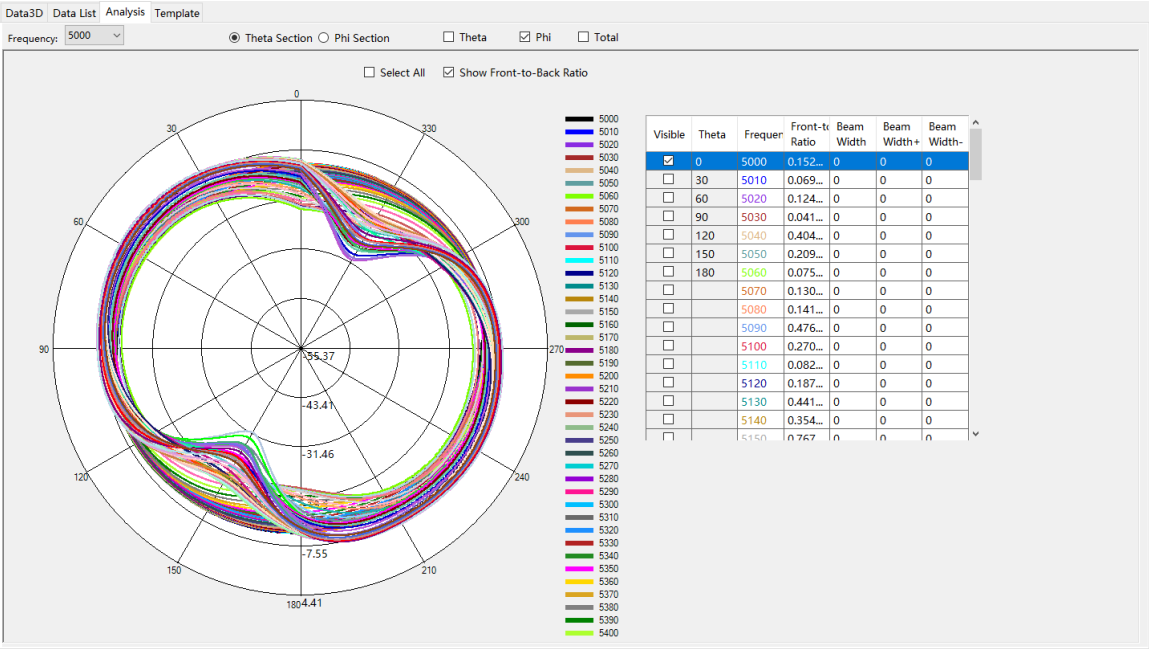
2.4G Phi=0deg



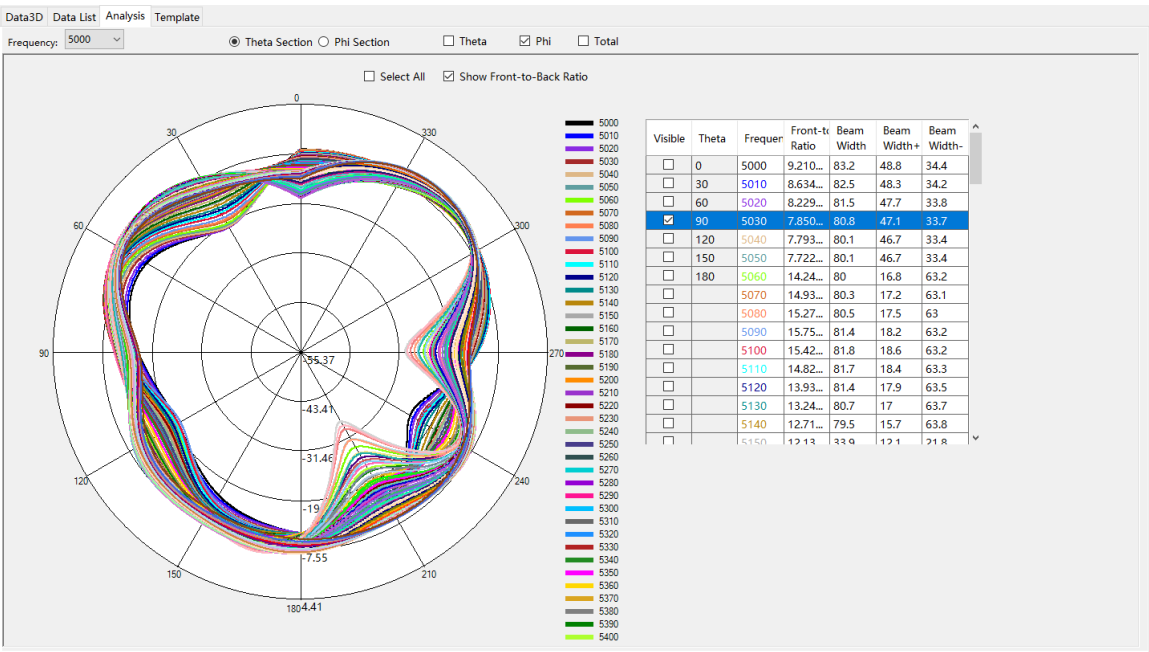
2.4G Phi=90deg



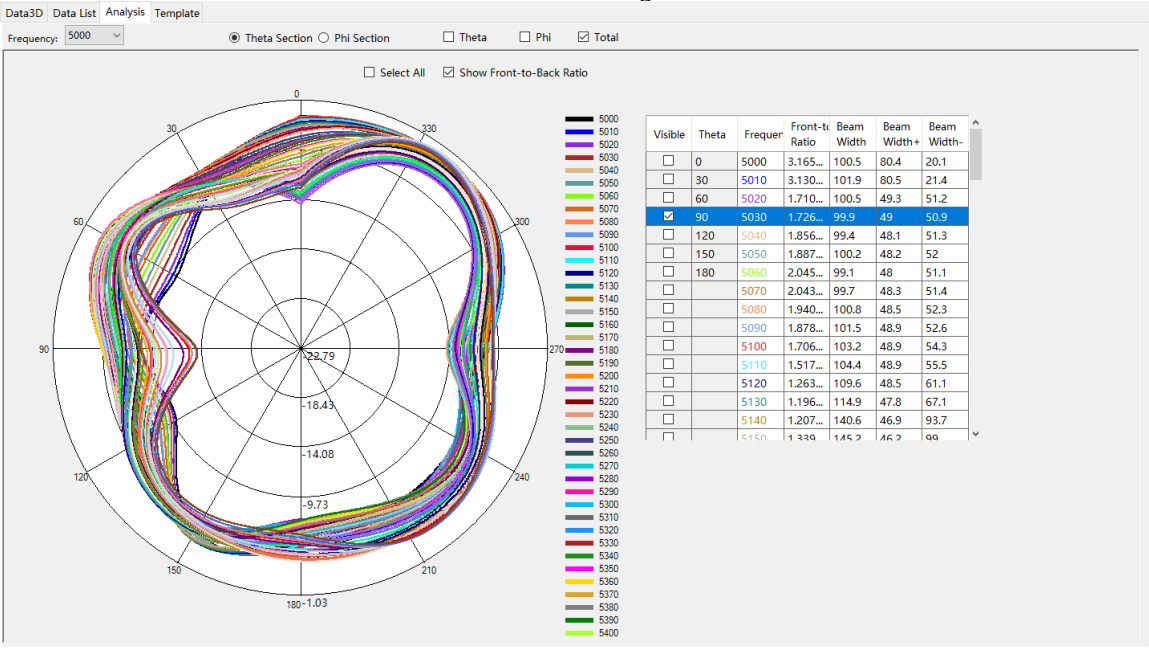
2.4G Theta=90deg



5G Phi=0deg



5G Phi=90deg



5G Theta=90deg

※ Antenna Gain

ANT0

|             |           |             |        |            |
|-------------|-----------|-------------|--------|------------|
| PREPARED BY | CHECKEDBY | APPROVAL BY | S.R.NO |            |
|             |           |             | DATE:  | 2023/11.27 |