TRANSSION
传音控股

# Feature

※ High gain
※ Omani-directional
※ Wide bandwidth

# Application

※GSM850/900/DCS/PCS/WCDMAB1/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 |
|---|---|
| Zhejiang Haitong Communication Electronic Ltd. Co., Chongqing Branch<br>Add: Room 304, Building 27, Fire Chain Digital Innovation Base, Xiantao Data Valley, Yubei District, Chongqing | KL7-ANT0-HT-XX-XX<br>KL7-ANT1-HT-XX-XX<br>KL7-ANT2-HT-XX-XX<br>KL7-ANT12-HT-XX-XX<br>KL7-AN13-HT-XX-XX<br>KL7-ANT14-HT-XX-XX<br>（XX:Version-Date） |

TRANSSION
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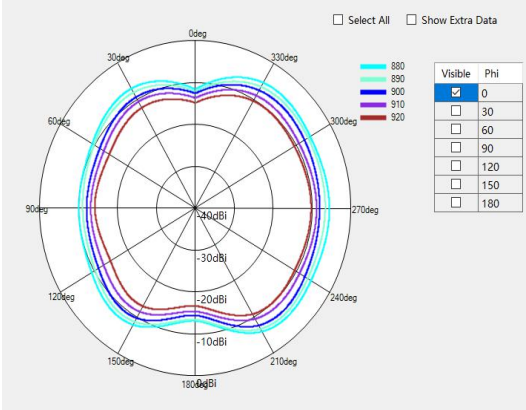
| TYPE | | |
|---|---|---|
| Transmitter Frequency | | GSM 850/WCDMA B5/LTE B5: 824 – 849 MHz |
| | | GSM 900/WCDMA B8/LTE B8: 880 – 915 MHz |
| | | DCS /WCDMA B4/LTE B3/B4/B66: 1710 – 1785 MHz |
| | | PCS/WCDMA B2/LTE B2:1850-1910MHz |
| | | WCDMA B1/LTE B1: 1920 – 1980MHz |
| | | LTE B7:2496-2565MHz |
| | | LTE B40:2300-2400MHz |
| | | LTE B38/B41:2565-2645MHz |
| | | LTE B12/B17/B28:710-755MHz |
| | | LTE B20:791-821MHz |
| Receiver Frequency | | GSM 850/WCDMA B5/LTE B5: 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 B38/41:2565-2645MHz |
| | | LTE B12/B17/B28:758-803MHz |
| | | LTE B20:832-862MHz |
| RF-Output Power (E.I.R.P) | | GSM850/900: 32+/-2dBm |
| | | DCS/PCS: 30+/-2dBm |
| | | LTEB1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40 /B41/B66: 23+/-2dBm |
| | | WCDMA B1/B2/B4/B5/B8: 23+/-2dBm |
| Antenna Gain | ANT2 | GSM 850/WCDMA B5/LTE B5/B20: -6.02 dBi |
| | | GSM 900/WCDMA B8/LTE B8: -4.57 dBi |
| | | DCS /WCDMA B4/LTE B3/B4/B66:-2.6 dBi |
| | | PCS/WCDMA B2/LTE B2:-4.46 dBi |
| | | WCDMA B1/LTE B1: -4.1 dBi |
| | | LTE B7/B38/B41:-2.96 dBi |
| | | LTE B40:-0.75 dBi |
| | | LTE B12/B17/B28:-7.56 dBi |
| | ANT13 | BT/WIFI 2.4G：-1.09 dBi 5G: -2.25 dBi |
| | ANT14 | BT/WIFI 2.4G：-2.04 dBi 5G:-0.04 dBi |

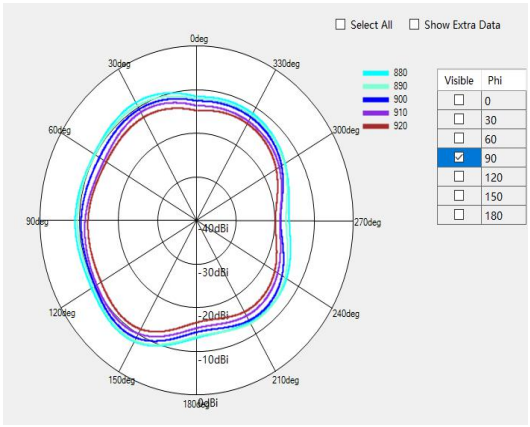
| | | |
|---|---|---|
| | ANT12 | GPS(L1):-2.04 dBi |
| | ANT0 | GSM 850/WCDMA B5/LTE B5/B20: -6.76 dBi |
| | | GSM 900/WCDMA B8/LTE B8: -5.01 dBi |
| | | DCS /WCDMA B4/LTE B3/B4/B66:-5.51 dBi |
| | | PCS/WCDMA B2/LTE B2:-5.06 dBi |
| | | WCDMA B1/LTE B1: -7.02 dBi |
| | | LTE B7/B38/B41:-4.27 dBi |
| | | LTE B40:-3.98 dBi |
| | | LTE B12/B17/B28:-7.04 dBi |
| Type of Modulation | | |

※ Antenna Gain

ANT2




GSM900 / WCDMA B8 / LTE /B8 Phi=0deg

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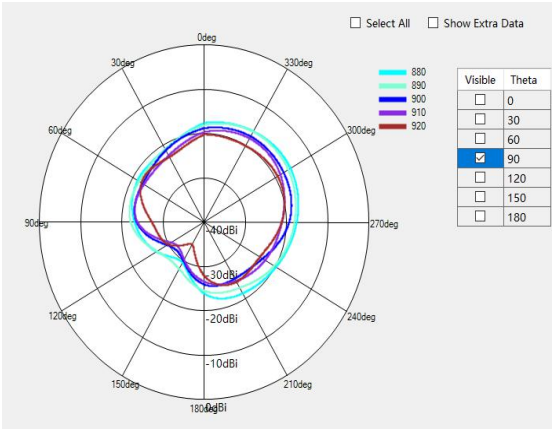
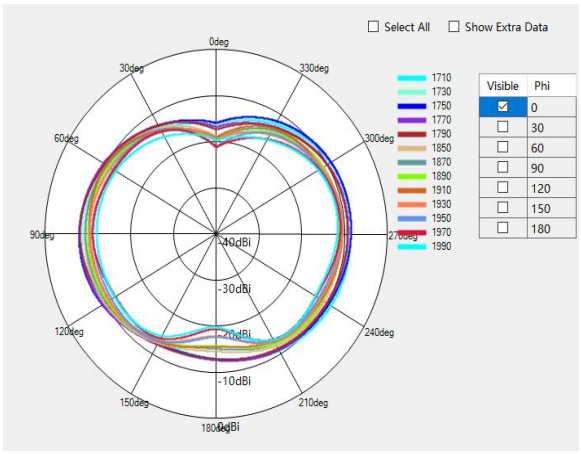
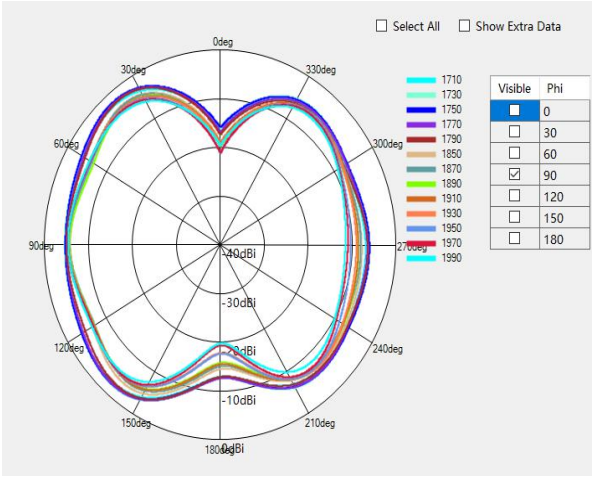


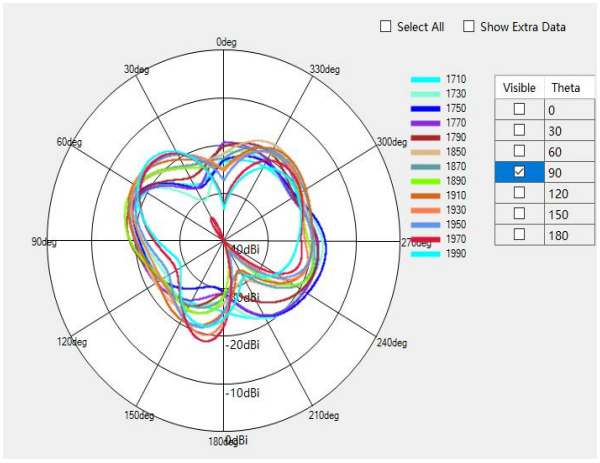

GSM900 / WCDMA B8 / LTE /B8 Theta=0deg



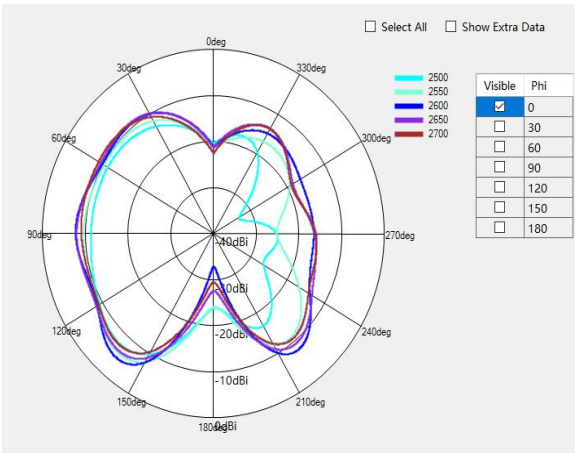

DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Phi=0deg



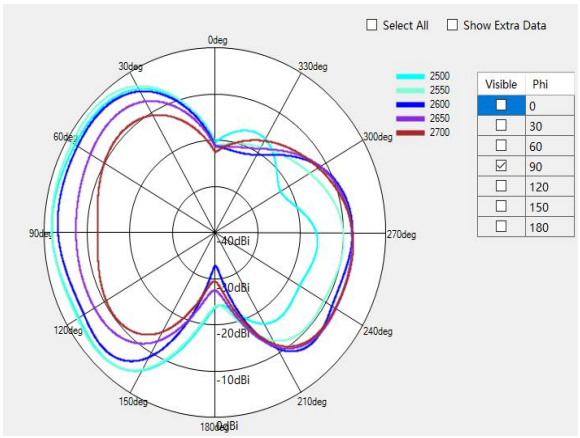

DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Phi=90deg



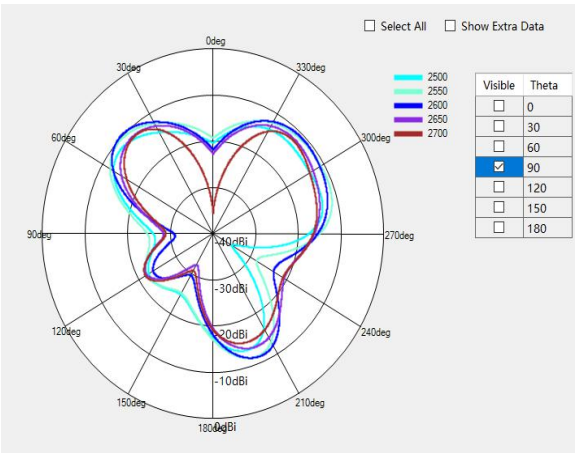

DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Theta=90deg



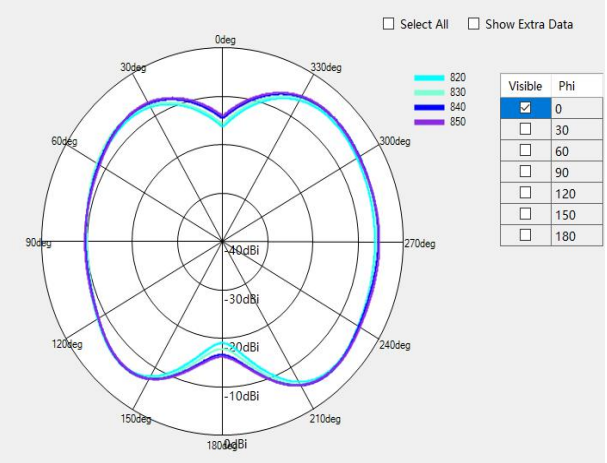

LTE B7/B38/B41 Phi=0deg



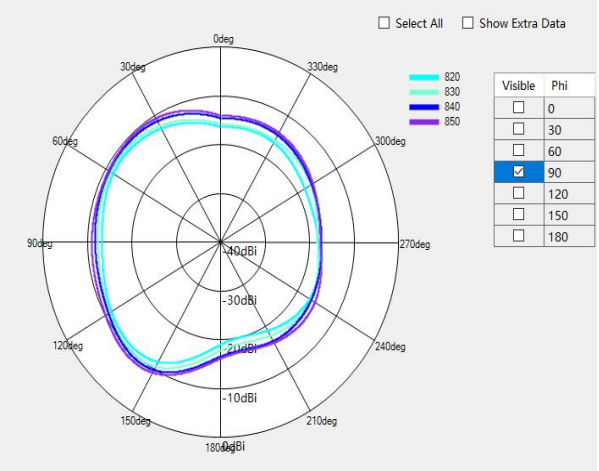

LTE B7/B38/B41 Phi=90deg



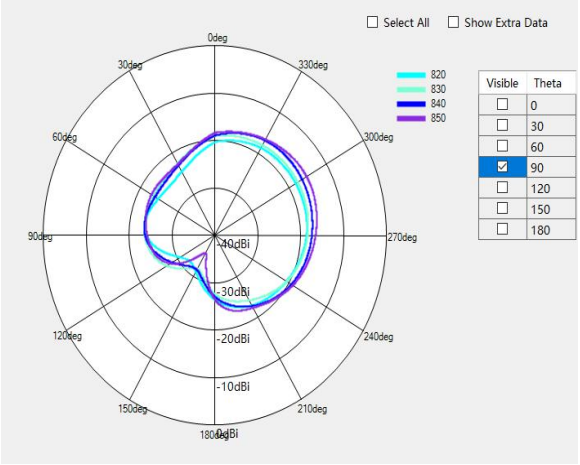

LTE B7/B38/B41 Theta=90deg



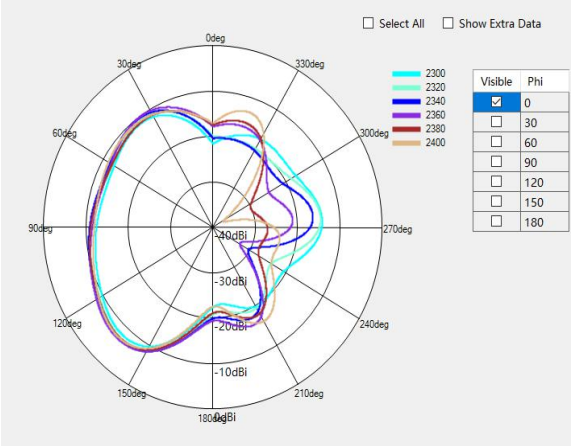

GSM850/WCDMA B5/LTE B5/B20 Phi=0deg



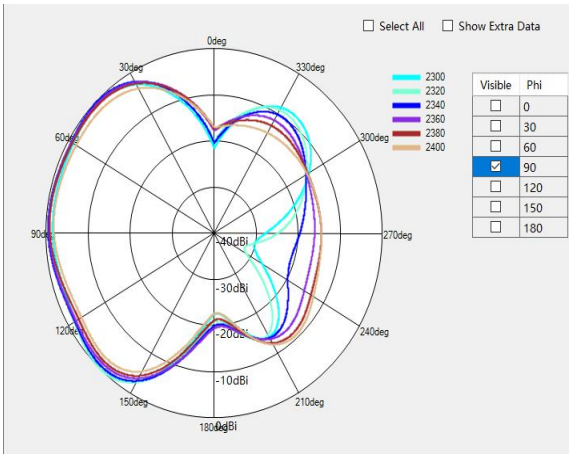

GSM850/WCDMA B5/LTE B5/B20 Phi=90deg




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




LTE B40 Phi=0deg

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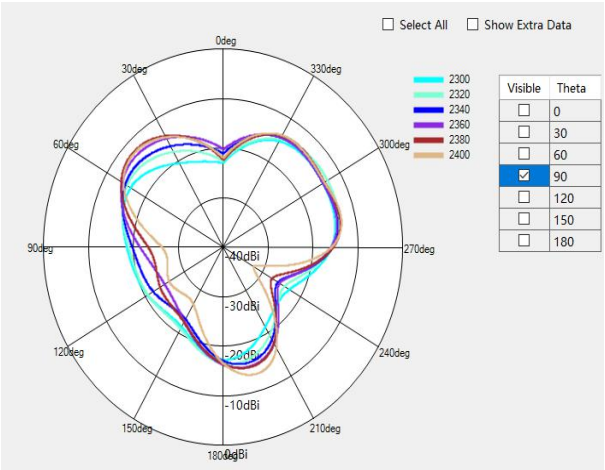
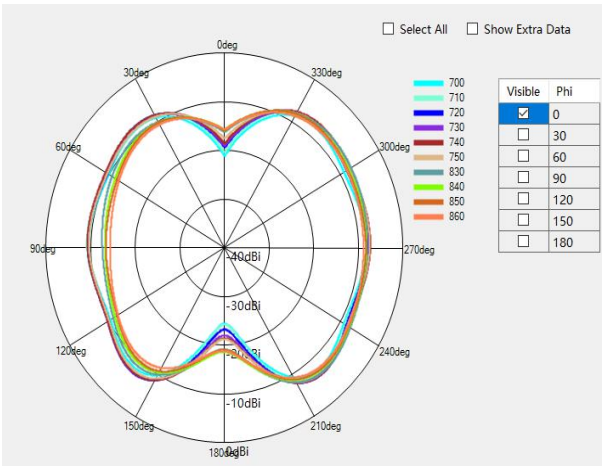
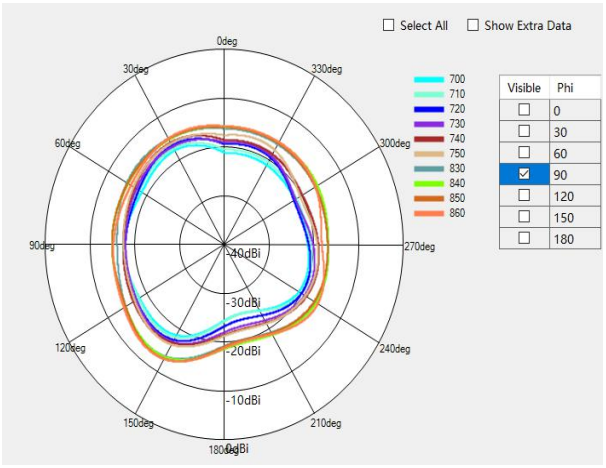


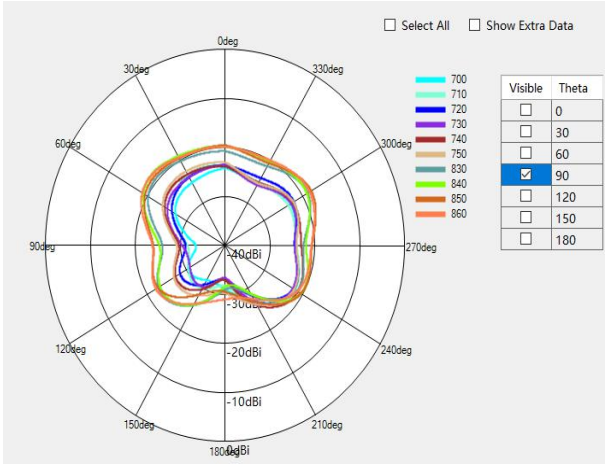

LTE B40 Theta=90deg




LTE B12/B17/B28 Phi=0deg



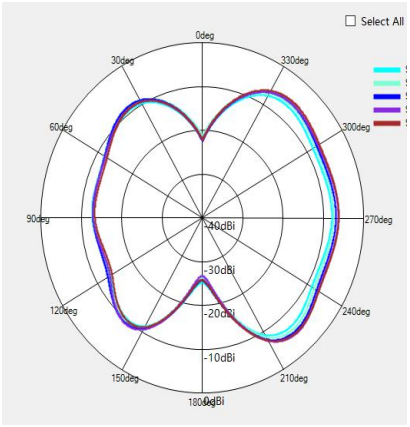

LTE B12/B17/B28 Phi=90deg



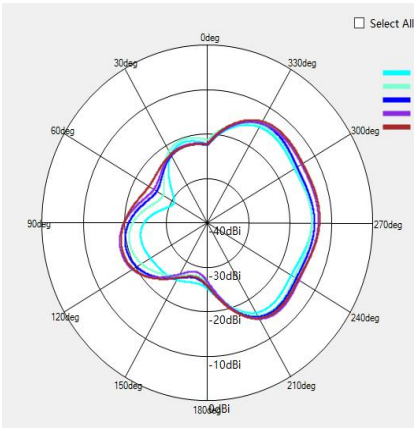

LTE B12/B17/B28 Theta=90deg

※ Antenna Gain

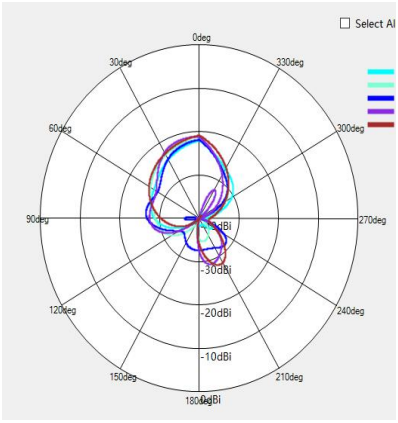
ANT0



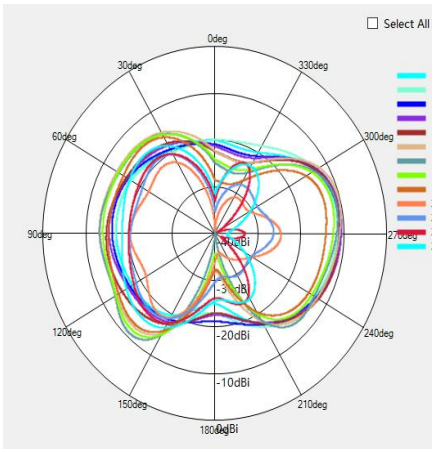

GSM900 / WCDMA B8 / LTE /B8 Phi=0deg



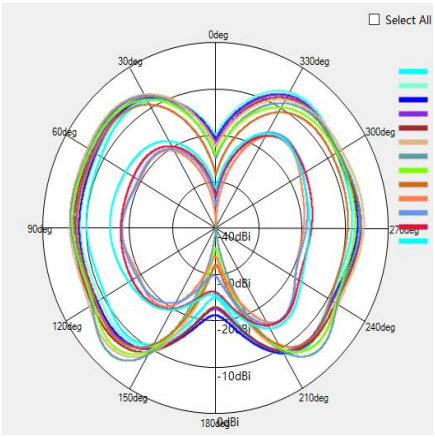

GSM900 / WCDMA B8 / LTE /B8 Phi=90deg



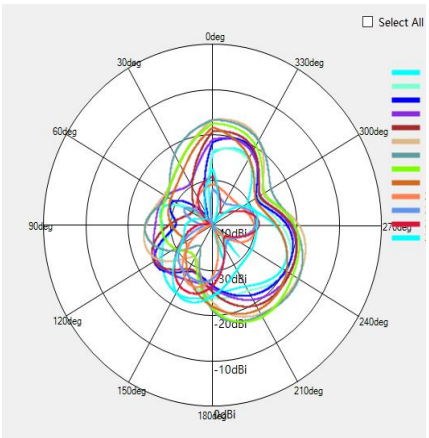

GSM900 / WCDMA B8 / LTE /B8 Theta=0deg



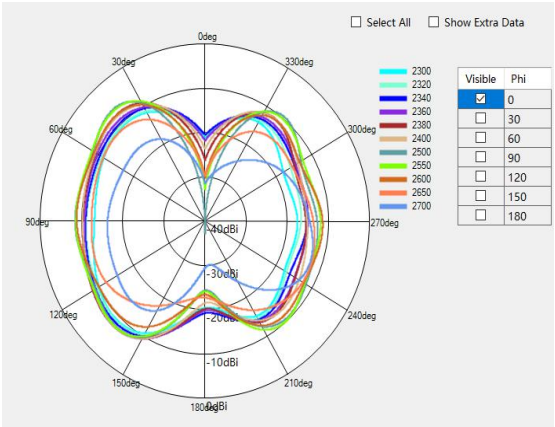

DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Phi=0deg



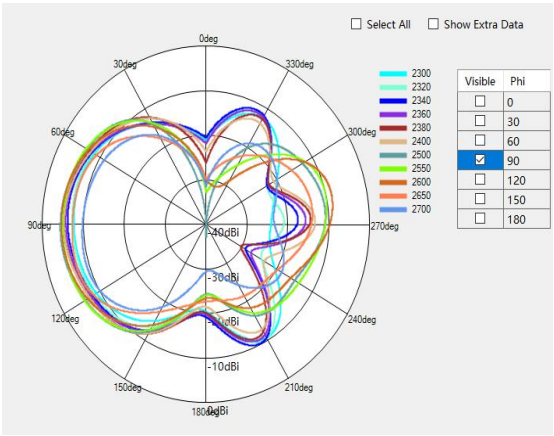

DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Phi=90deg



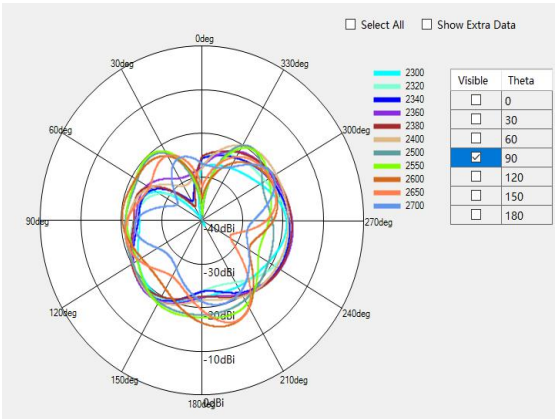

DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Theta=90deg



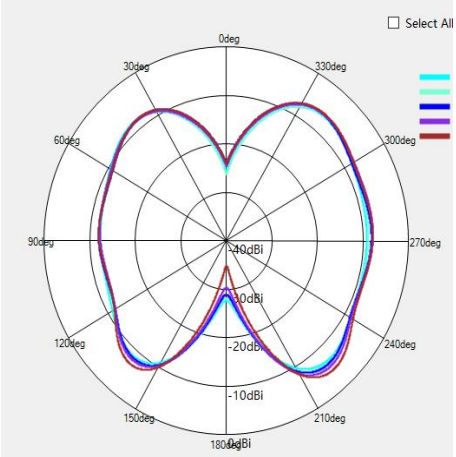

LTE B7/B38/B40/B41 Phi=0deg



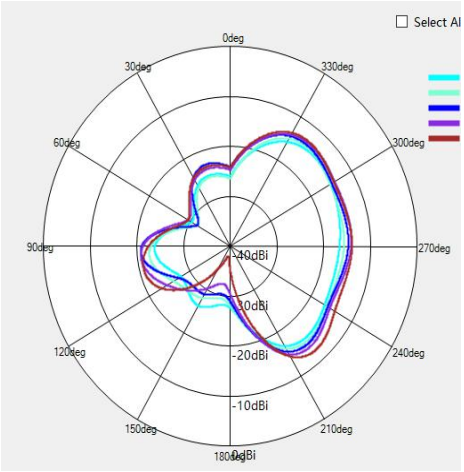

LTE B7/B38/B40/B41 Phi=90deg



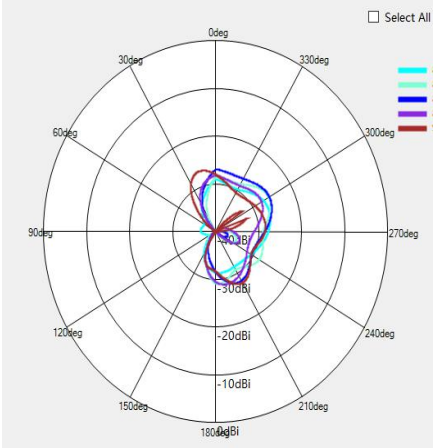

LTE B7/B38/B40/B41 Theta=90deg



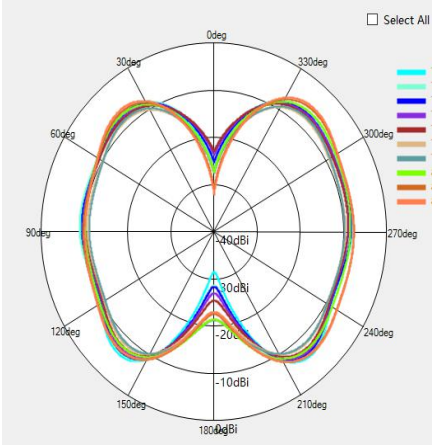

GSM850/WCDMA B5/LTE B5/B20 Phi=0deg



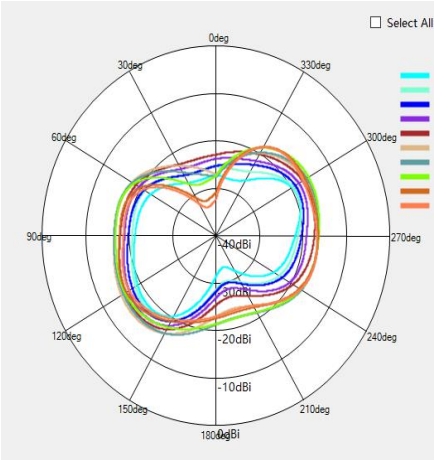

GSM850/WCDMA B5/LTE B5/B20 Phi=90deg



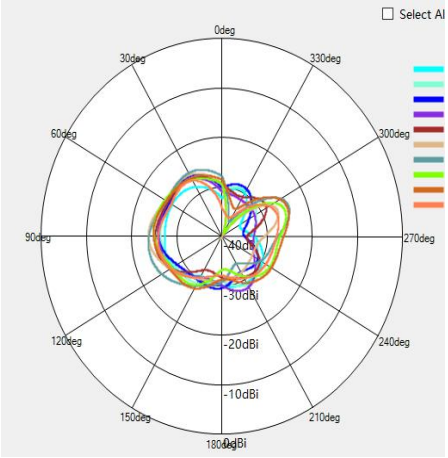

GSM850/WCDMA B5/LTE B5/B20 Theta=90deg




LTE B12/B17/B28 Phi=0deg



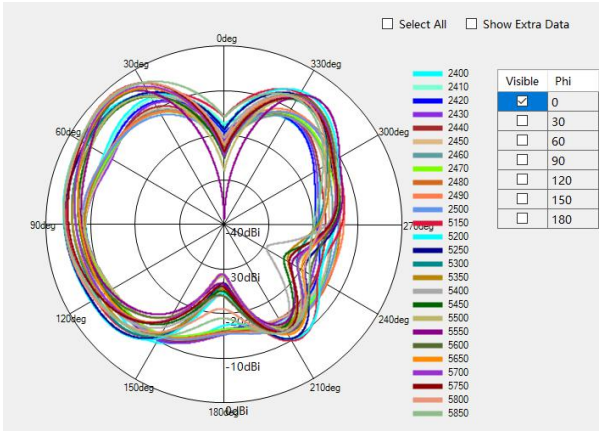

LTE B12/B17/B28 Phi=90deg



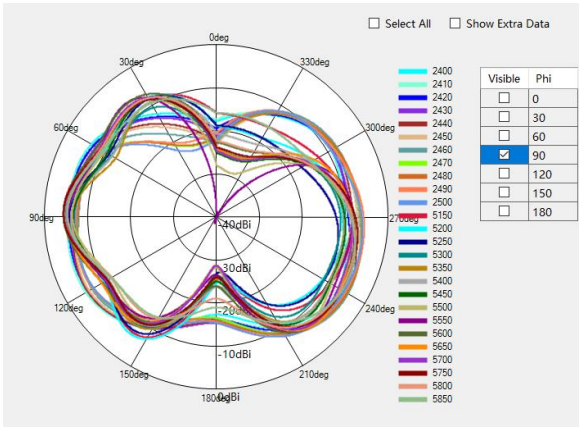

LTE B12/B17/B28 Theta=90deg

※ Antenna Gain

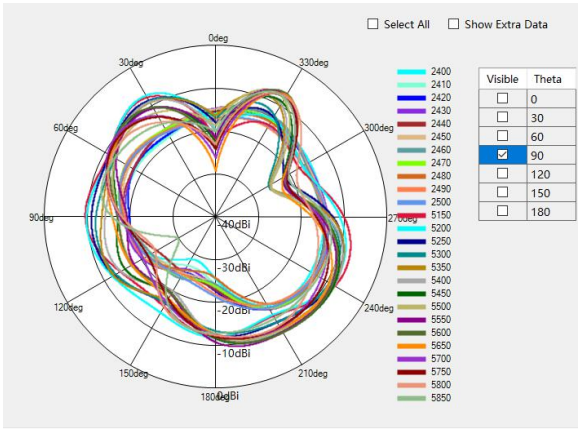
ANT13




WIFI 2.4G&5G Phi=0deg



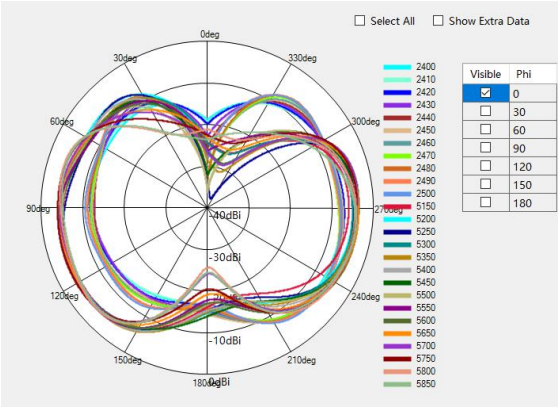

WIFI 2.4G&5G Phi=90deg



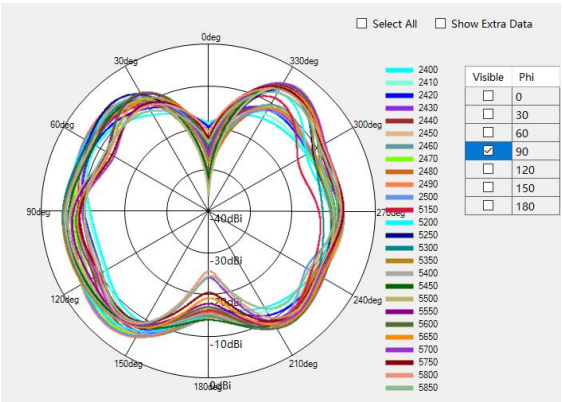

WIFI 2.4G&5G Theta=90deg

※ Antenna Gain

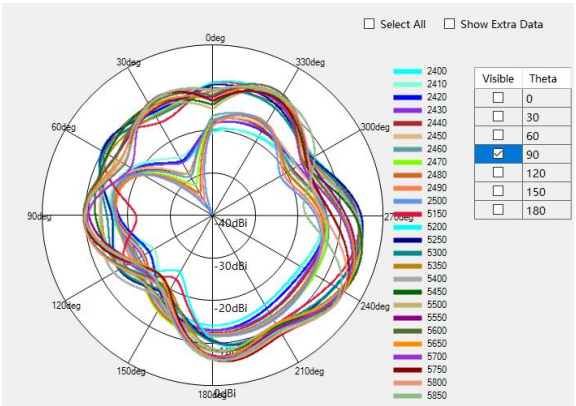
ANT14




WIFI 2.4G&5G Phi=0deg



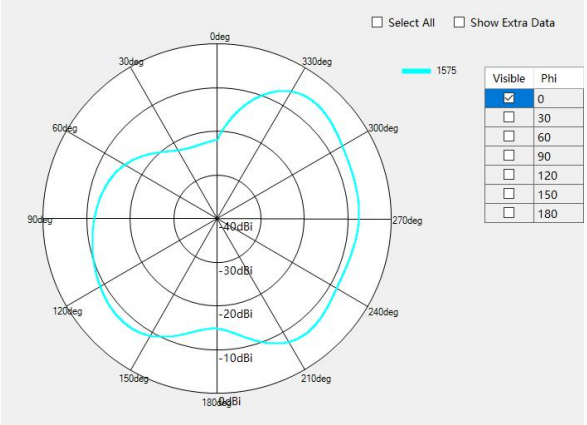

WIFI 2.4G&5G Phi=90deg



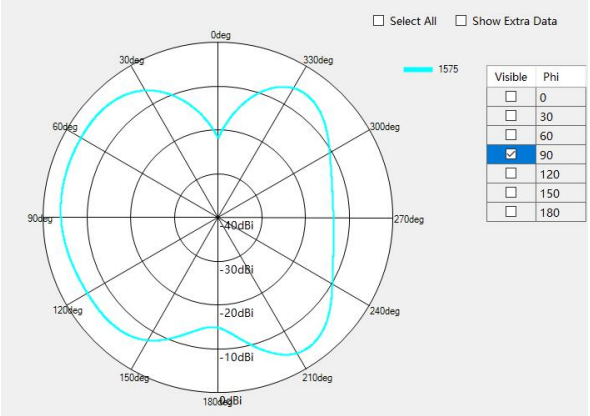

WIFI 2.4G&5G Theta=90deg

※ Antenna Gain

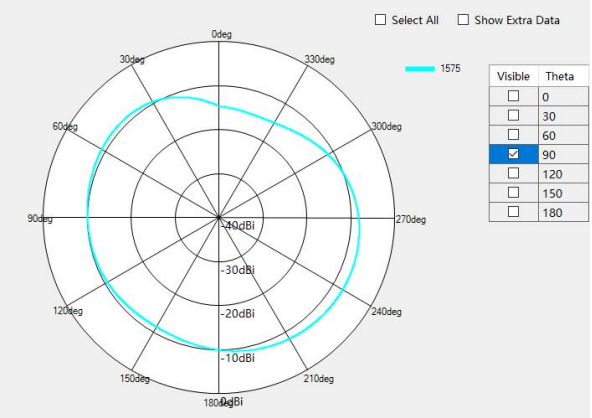
ANT12




GPS Phi=0deg




GPS Phi=90deg




GPS Theta=90deg

TRANSSION
传音控股

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