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/B42/B66
NR N1/N3/N5/N7/N8/N12/N20/N28/N38/N40/N41/N66/N77/N78

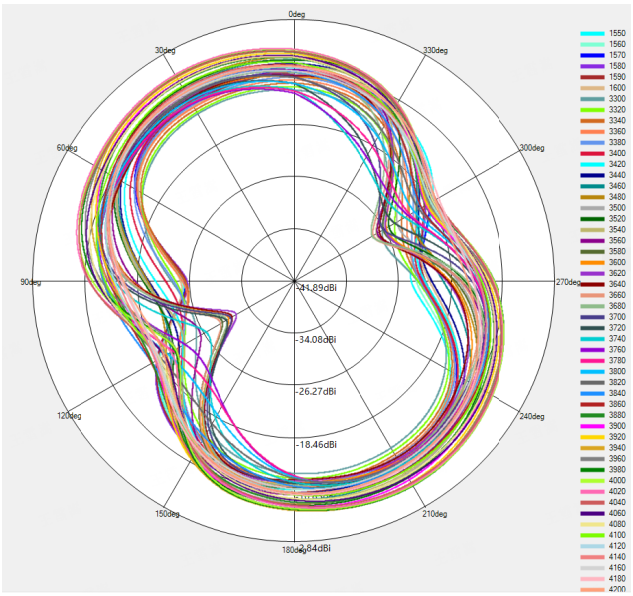
| Name and address of the antenna manufacturer | Model number of the antenna |
|---|---|
| Etheta Communication Technology（Shenzhen）Co.,Ltd<br><br>Area B&D, Floor 3, Building 1, Baisha Technology Industrial Park,No.3011,Shahe West Road, Nanshan District, Shenzhen(518055)，Guangdong Province, China | KL8-ANT0&ANT12-RD<br>KL8-ANT1-RD<br>KL8-ANT2-RD<br>KL8-ANT3-RD<br>KL8-ANT4-RD<br>KL8-ANT5-RD<br>KL8-ANT6-RD<br>KL8-ANT7-RD |

| | | |
|---|---|---|
| Transmitter Frequency | | GSM 850/WCDMA B5/LTE B5 NR n5: 824−849 MHz |
| | | GSM 900/WCDMA B8/LTE B8 NR n8: 880−915 MHz |
| | | DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: 1710 – 1785 MHz |
| | | PCS/WCDMA B2/LTE B2:1850-1910MHz |
| | | WCDMA B1/LTE B1 NR n1: 1920 – 1980MHz |
| | | LTE B7 NR n7:2496-2565MHz |
| | | LTE B40 NR n40:2300-2400MHz |
| | | LTE B38/B41 NR n38/n41:2565-2645MHz |
| | | LTE B20 NR n20:832-862MHz |
| | | LTE B12/B17/B28 NR n12/n28:710-755MHz |
| | | LTE B42 NR n77/n78:3300-4200MHz |
| Receiver Frequency | | GSM 850/WCDMA B5/LTE B5 NR n5: 869−894 MHz |
| | | GSM 900/WCDMA B8/LTE B8 NR n8: 925−960 MHz |
| | | DCS/LTE B3/B66 NR n3/n66: 1805 – 1880 MHz |
| | | WCDMA 4/LTE B4 NR n4: 2110-2155 MHz |
| | | PCS/WCDMA B2/LTE B2:1930-1990MHz |
| | | WCDMA B1/LTE B1 NR n1: 2110 – 2170MHz |
| | | LTE B7 NR n7:2620-2690MHz |
| | | LTE B40 NR n40:2300-2400MHz |
| | | LTE B38/41 NR n38/n41:2565-2645MHz |
| | | LTE B20 NR n20:791-821MHz |
| | | LTE B12/B17/B28 NR n12/n28:758-803MHz |
| | | LTE B42 NR n77/n78:3300-4200MHz |
| Antenna Gain | ANT0 | GPS_L1: -0.56dBi |
| | | LTE B42 & NR n77/n78: -2.92dBi |
| | ANT2 | WIFI-2.4G & BT: -4.27dBi |
| | | LTE B42 & NR n77/n78: -6.6dBi |
| | ANT3 | GSM 850/WCDMA B5/LTE B5 NR n5: -8.52dBi |
| | | GSM 900/WCDMA B8/LTE B8 NR n8: -7.95dBi |
| | | DCS/LTE B3/ NR n3:-8.74dBi |
| | | PCS/WCDMA B2 / LTE B2: -3.38dBi |
| | | WCDMA B4/LTE B4/B66 NR n66:-4.74dBi |
| | | WCDMA B1/LTE B1 NR n1: -3.03dBi |
| | | LTE B7/B38/B41 NR n7/n38/n41: -9.92dBi |
| | | LTE B40 NR n40: -4.95dBi |
| | | LTE B20 NR n20: -8.75dBi |
| | | LTE B12/B17/B28 NR n12/n28: -9.24dBi |

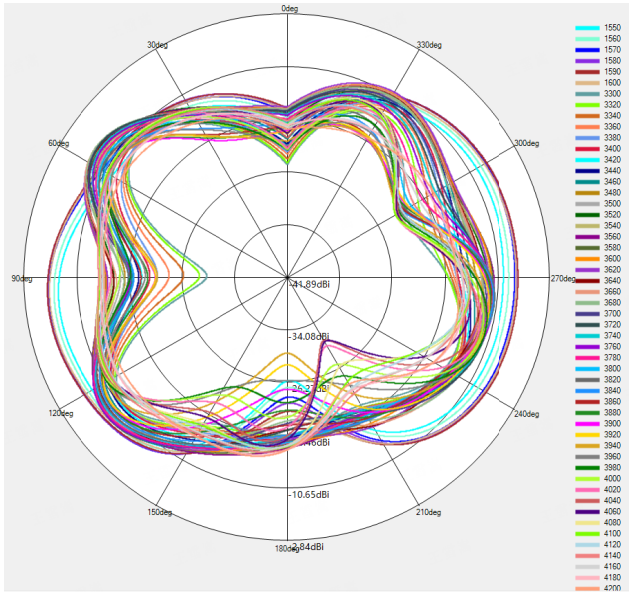
| | | |
|---|---|---|
| | ANT4 | LTE B40 NR n40: -2.77dBi |
| | | LTE B7/B38/B41 NR n7/n38/n41: -4.2dBi |
| | | LTE B42 & NR n77/n78: -4.25dBi |
| | ANT5 | WCDMA B2 / LTE B1/B2/B3: -8.78dBi |
| | | LTE B4/B66: -11.44dBi |
| | | B7/B38/B40/B41: -7.74dBi |
| | ANT6 | LTE B42 & NR n77/n78: -5.17dBi |
| | ANT7 | GSM 850/WCDMA B5/LTE B5 NR n5: -5.68dBi |
| | | GSM 900/WCDMA B8/LTE B8 NR n8: -6.82dBi |
| | | DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: -3.04dBi |
| | | PCS: -3.18dBi |
| | | WCDMA B1/LTE B1 NR n1: -2.93dBi |
| | | LTE B7/B38/B41 NR n7/n38/n41: -3.09dBi |
| | | LTE B40 NR n40: -1.29dBi |
| | | LTE B20 NR n20: -6.01dBi |
| | | LTE B12/B17/B28 NR n12/n28: -7.06dBi |
| | ANT12 | WIFI-2.4G & BT: -1.62dBi |
| | | WIFI-5G: -3.73dBi |

※ Antenna Gain

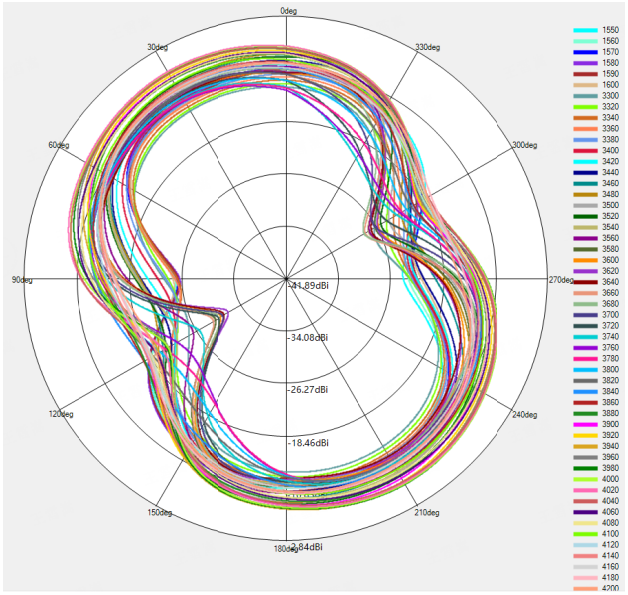
ANT0




GPS& n77/n78 Phi=0deg



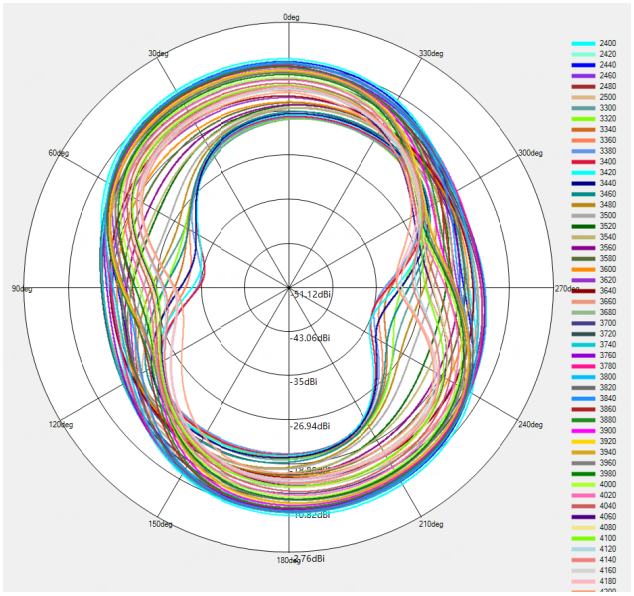

GPS& n77/n78 Phi=90deg



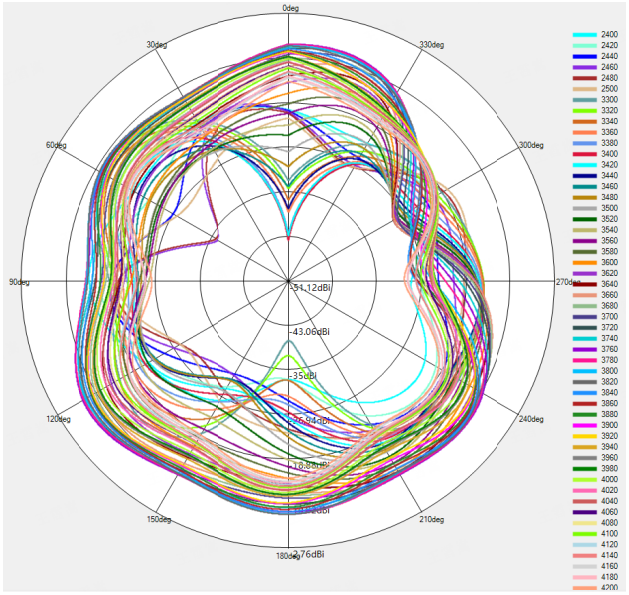

GPS& n77/n78 Theta=90deg

※ Antenna Gain

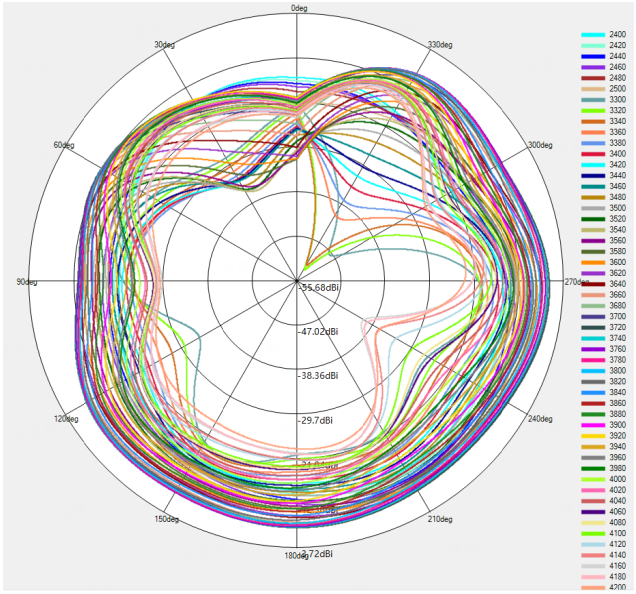
ANT2




WIFI-2.4G & n77/n78 Phi=0deg



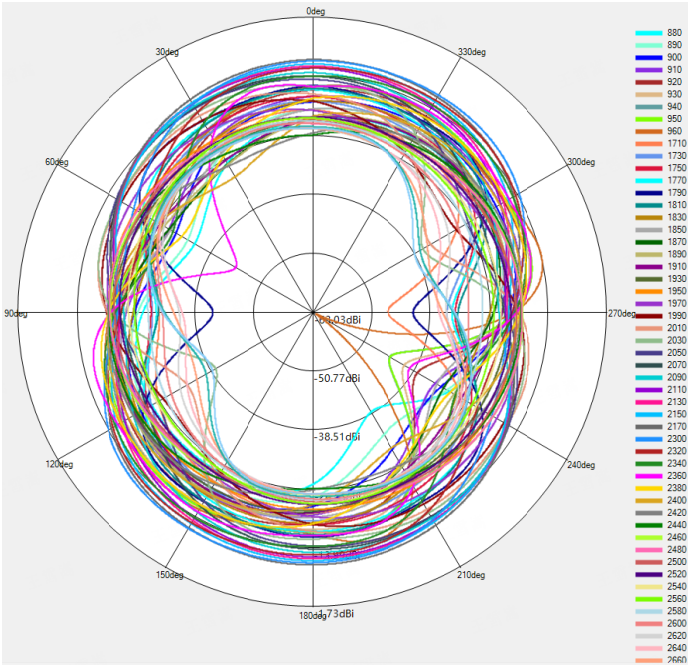

WIFI-2.4G & n77/n78 Phi=90deg



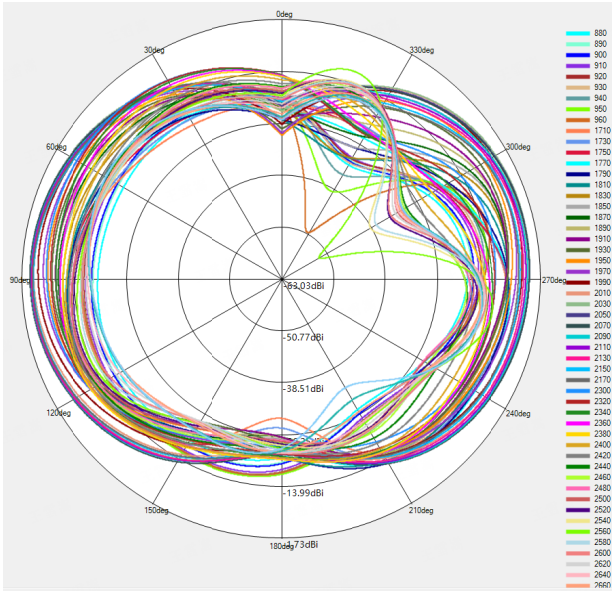

WIFI-2.4G & n77/n78 Theta=90deg

※ Antenna Gain

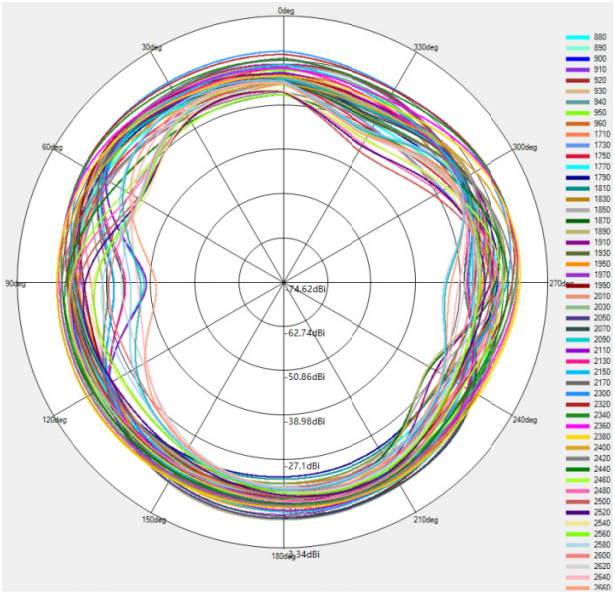
ANT3



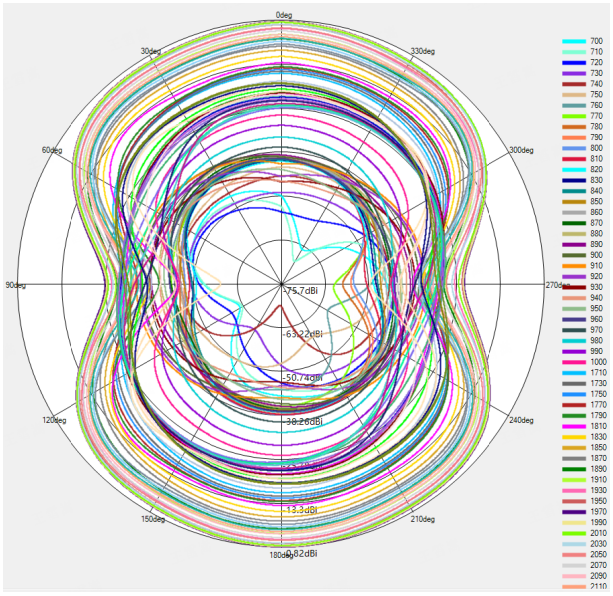

900/WCDMA B1/B4/B8/ LTE B1/4/8/66 NR n1/n8/n66 Phi=0deg



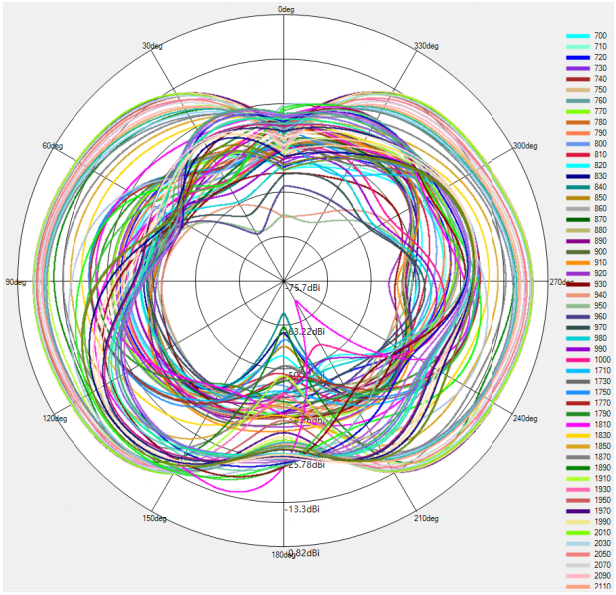

900/WCDMA B1/B4/B8/ LTE B1/4/8/66 NR n1/n8/n66 Phi=90deg



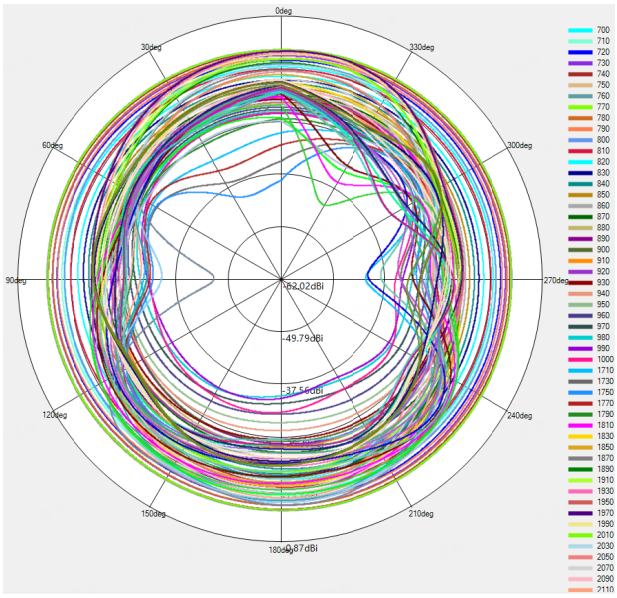

900/WCDMA B1/B4/B8/ LTE B1/4/8/66 NR n1/n8/n66 Theta=90deg



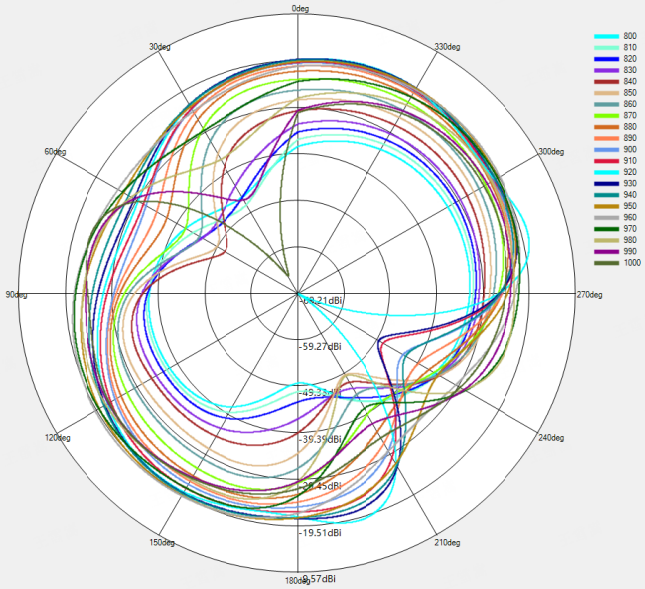

1900/WCDMA B2/ LTE B2/12/17/38 NR n12/n38 Phi=0deg



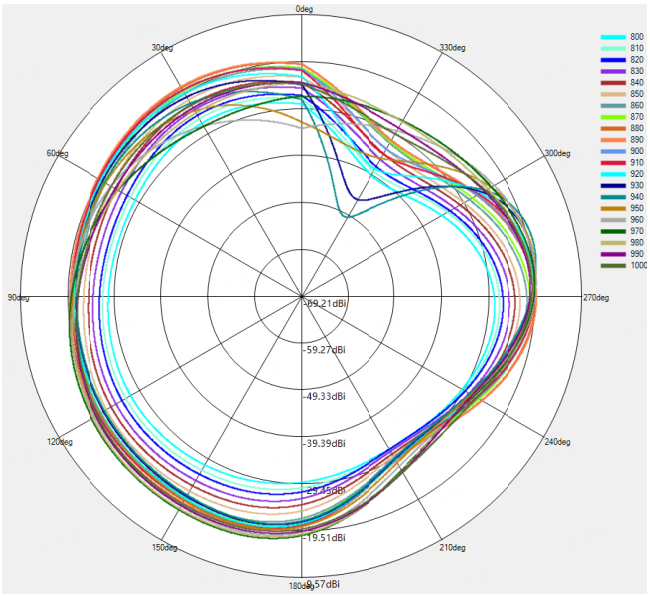

1900/WCDMA B2/ LTE B2/12/17/38 NR n12/n38 Phi=90deg



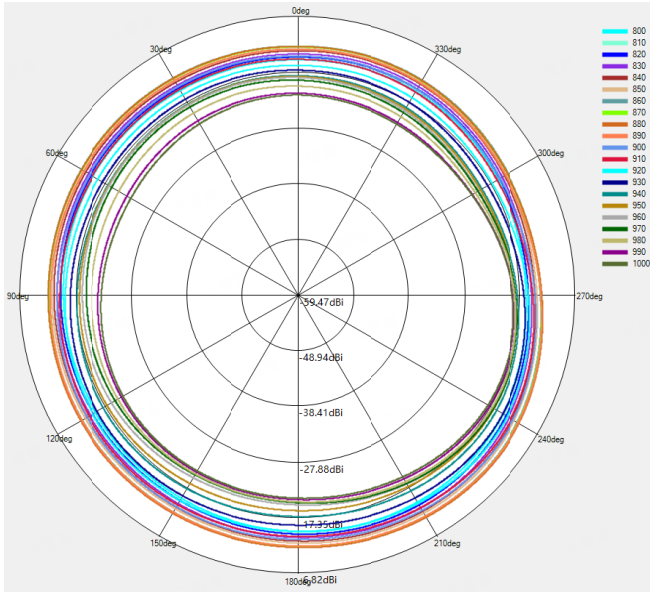

1900/WCDMA B2/ LTE B2/12/17/38 NR n12/n38 Theta=90deg



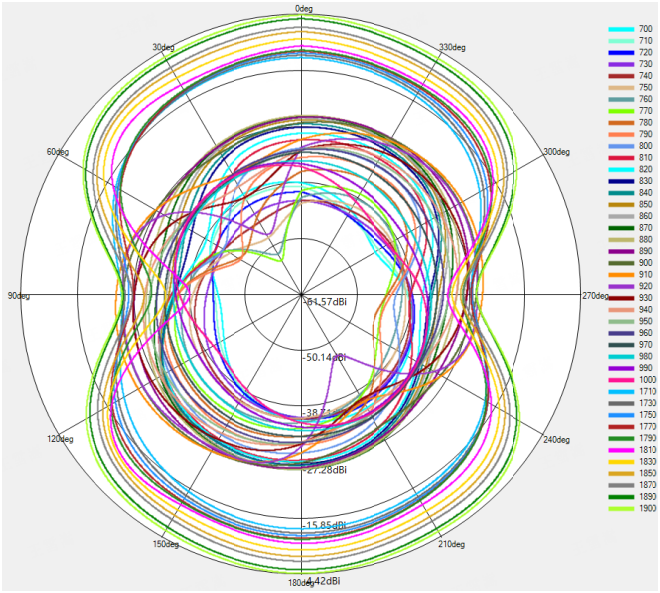

850/WCDMA B5/ LTE B5 NR n5 Phi=0deg



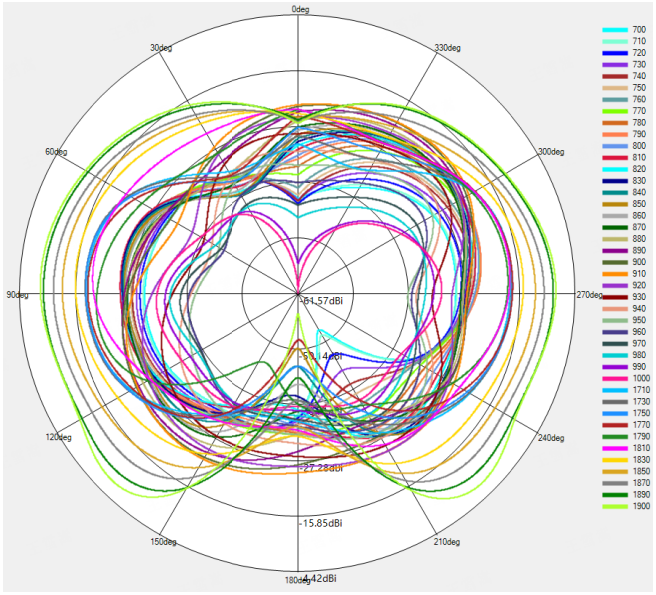

850/WCDMA B5/ LTE B5 NR n5 Phi=90deg



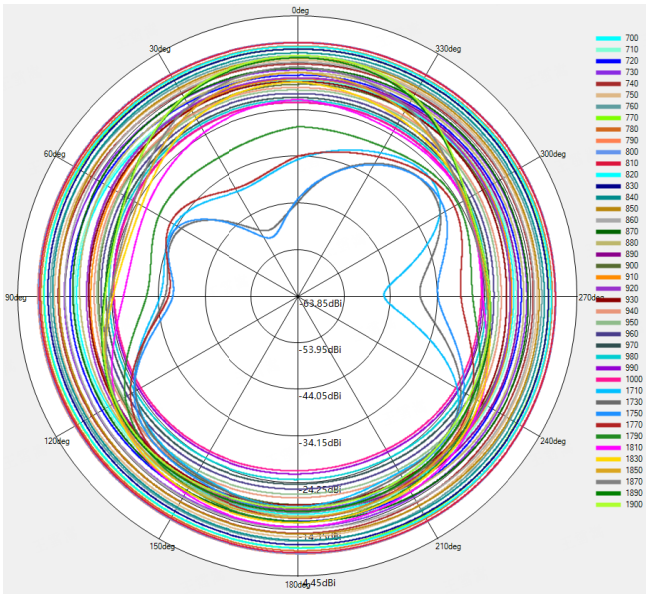

850/WCDMA B5/ LTE B5 NR n5 Theta=90deg



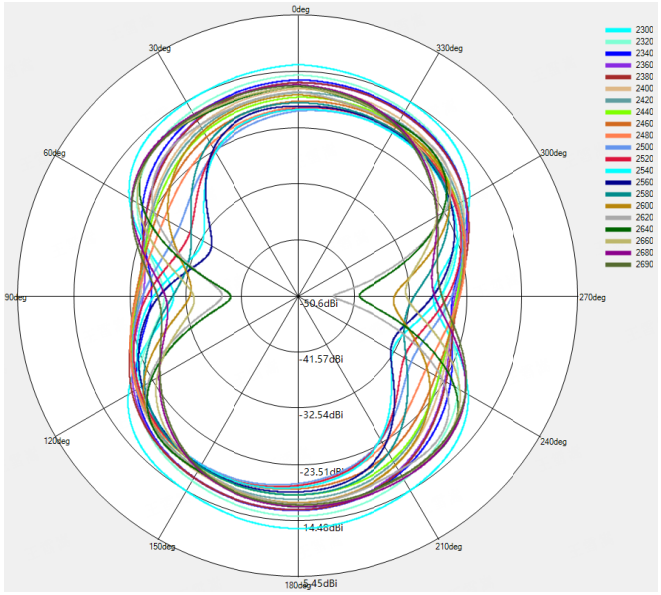

1800/ LTE B3/B20/B28 NR n3/n20/n28 Phi=0deg



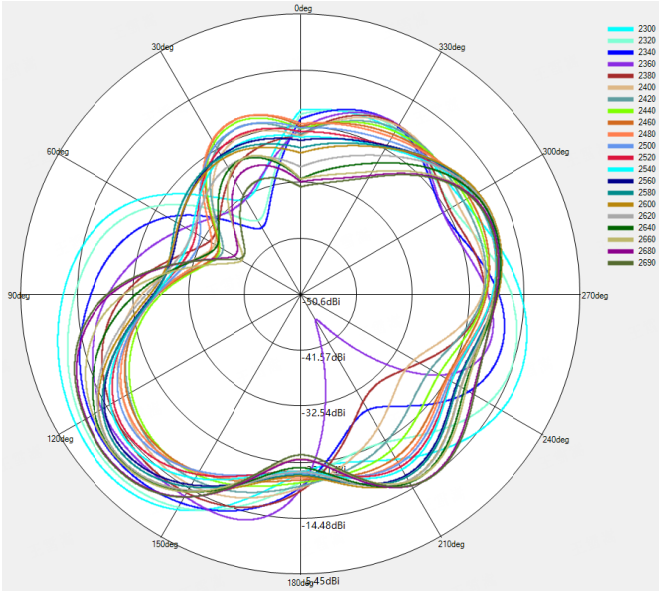

1800/ LTE B3/B20/B28 NR n3/n20/n28 Phi=90deg



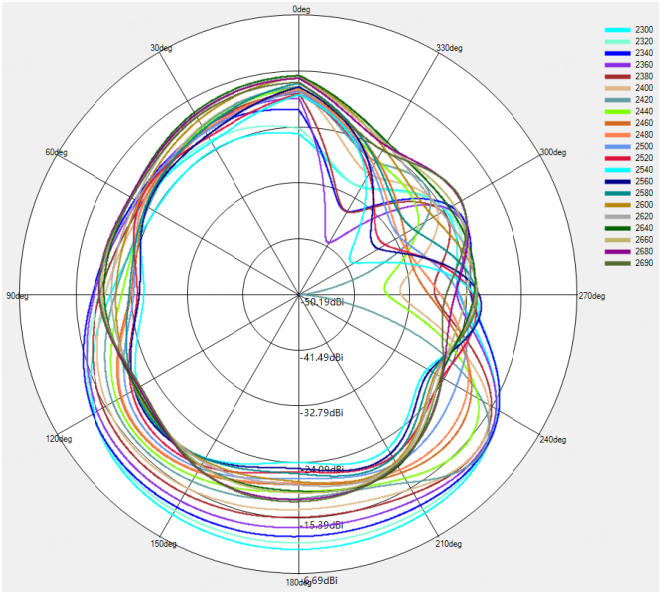

1800/ LTE B3/B20/B28 NR n3/n20/n28 Theta=90deg




LTE B7/B40/B41 NR n7/n40/n41 Phi=0deg



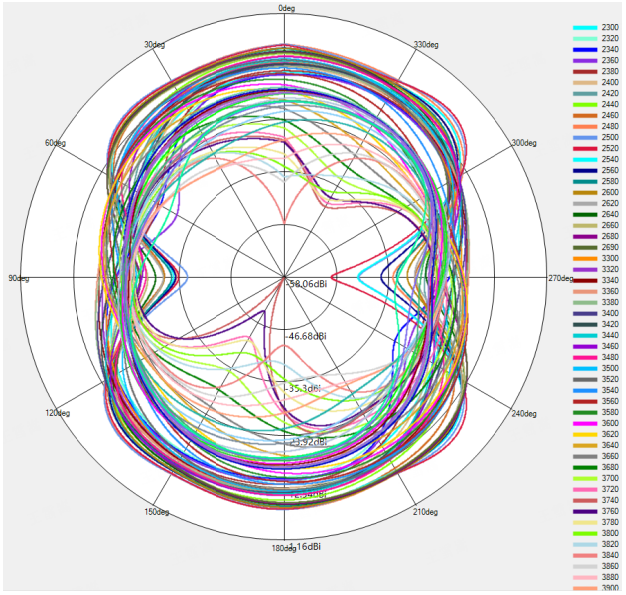

LTE B7/B40/B41 NR n7/n40/n41 Phi=90deg




LTE B7/B40/B41 NR n7/n40/n41 Theta=90deg

※ Antenna Gain

ANT4




LTE B7/B38/B40/B41/B42 NR n7/n38/n40/n41/n77/n78 Phi=0deg