

## Feature

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

## Application

- ※ GSM 850/GSM900/DCS1800/PCS 1900  
WCDMA 2100/WCDMA1900/WCDMA1700/WCDMA900/WCDMA850  
FDD B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B26/B28/B66  
TDD 38-40-41  
communication applications

- ※Antenna manufacturer  
Sunnyway Technology (China) Co., Ltd  
尚远科技(中国)有限公司

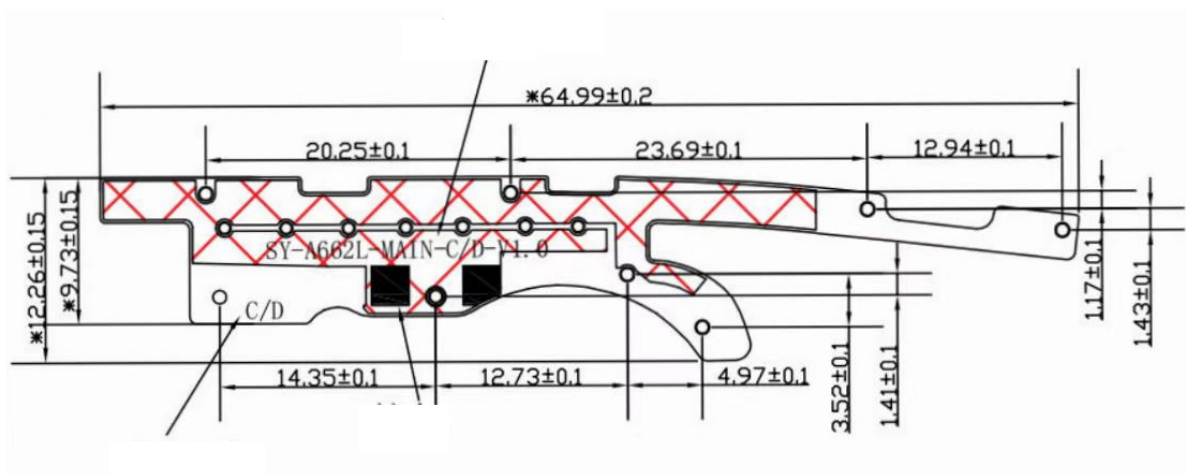
Shanghai R&D Center: 1F, Building 4, No.99, Lane215, GaoGuang Road,QingPu District, 201702, Shanghai, PRC

Shenzhen R&D Center : Room 405,Jinke Building,No.8 Qiongyu Road, Shenzhen 518057,PRC

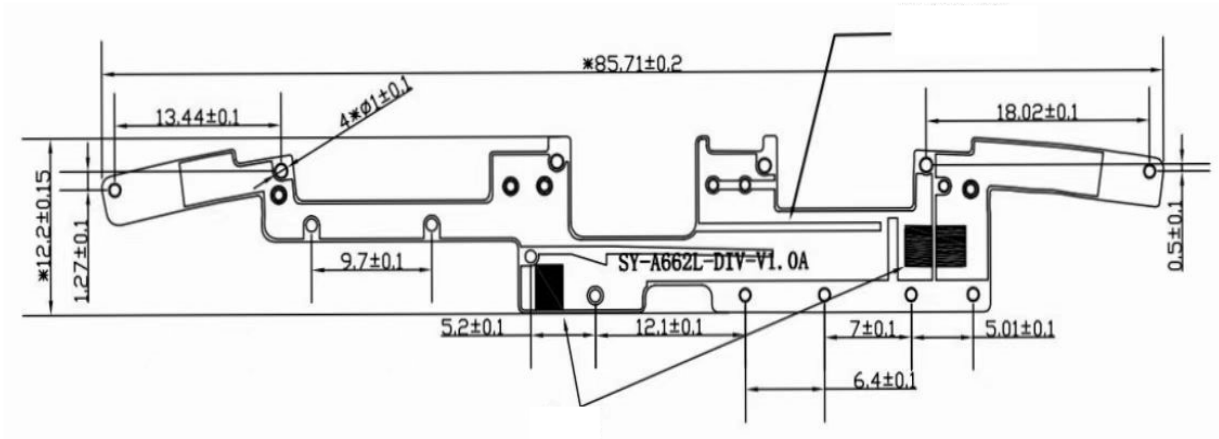
Chongqing R&D Center: 1st Floor, Building C08-1, No. 99, Data Valley East Road, Xiantao Street, Yubei District, Chongqing 401120, PRC

Huizhou manufacturing center: 4-5th floor, No.1 Zhongxincun Road, LongHu Industrial Zone, Shuikou Town, Huizhou City, 516255, PRC

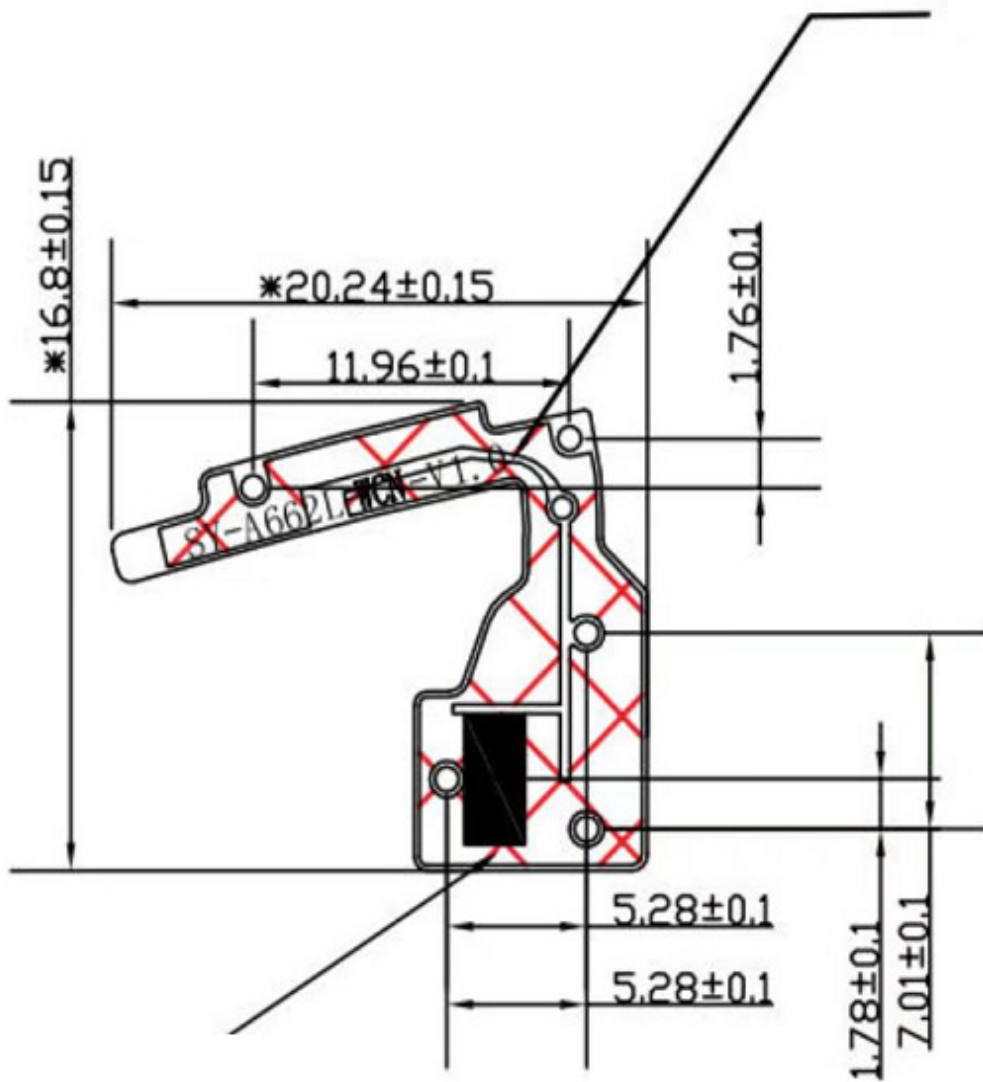
- ※Antenna type  
SY-A662L-MAIN-C/D-V1.0



SY-A662L-DIV-V1.0A



SY-A662L-WCN-V1.0



# Electric Specifications

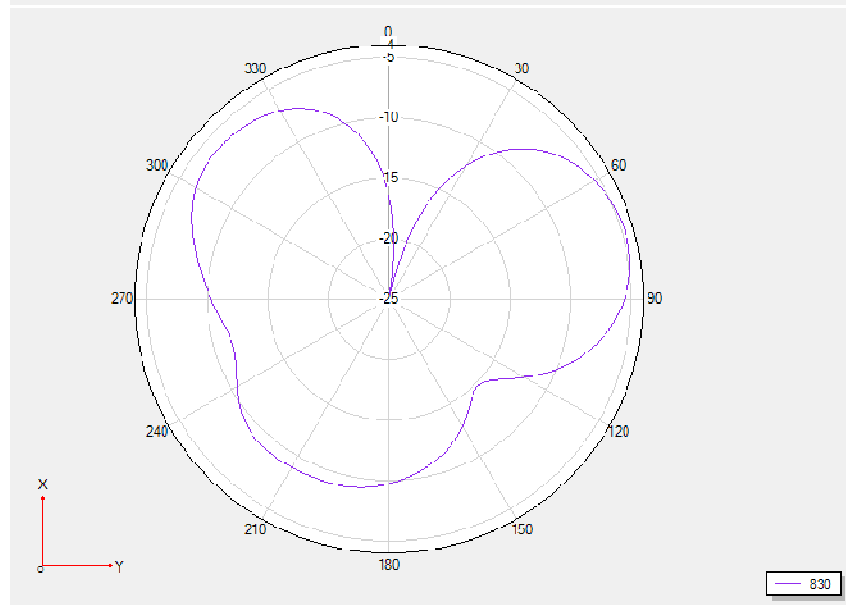
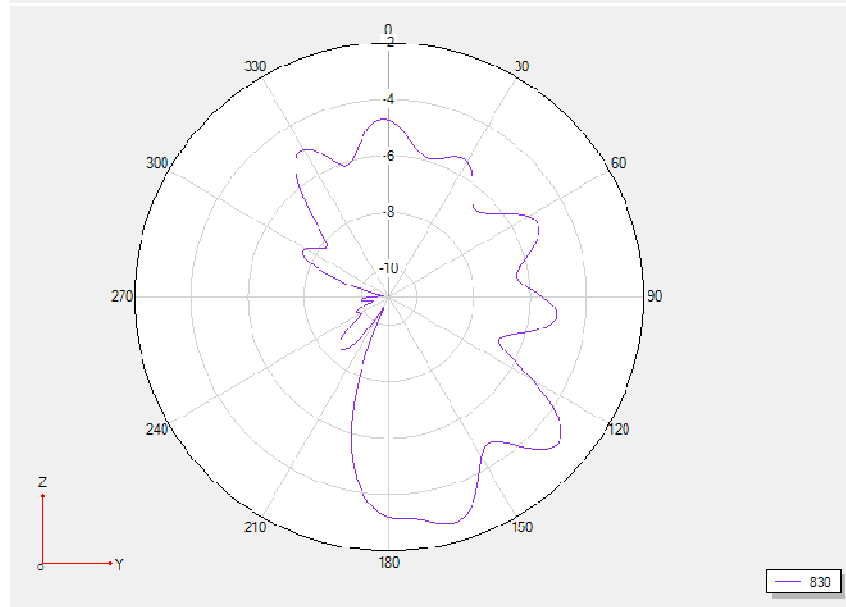
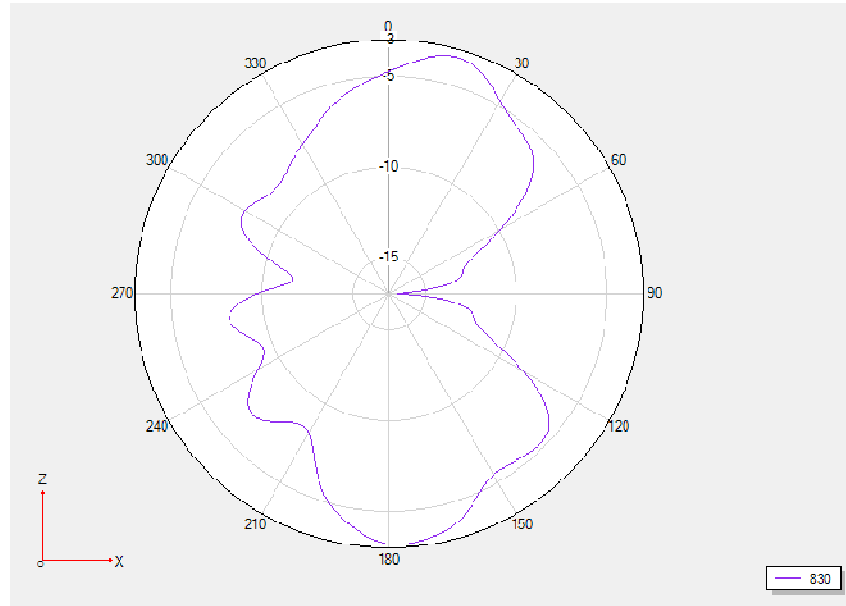
TYPE	FPC
Transmitter Frequency	GSM850: 824~849MHz(TX) GSM900: 880-915MHz (TX) DCS1800: 1710-1785MHz (TX) PCS1900: 1850-1910MHz (TX) WCDMAband I: 1920~1980MHz(TX) WCDMAband II: 1850-1910MHz(TX) WCDMAband IV: 1710-1755MHz(TX) WCDMAband V: 824~849MHz(TX) WCDMAband VIII: 880~915MHz(TX) LTE B1: 1920~1980MHz(TX) LTE B2: 1850-1910MHz(TX) LTE B3: 1710~1785MHz(TX) LTE B4: 1710-1755MHz(TX) LTE B5: 824~849MHz(TX) LTE B7: 2500~2570MHz(TX) LTE B8: 880~915MHz(TX) LTE B12: 699~716MHz(TX) LTE B13: 777~787MHz(TX) LTE B17: 704~716MHz(TX) LTE B26: 814~849MHz(TX) LTE B28: 703~748MHz(TX) LTE B66:1710~1780MHz(TX) LTE B38: 2570~2620MHz(TX) LTE B40: 2300~2400MHz(TX ) LTE B41: 2535~2655MHz(TX) WIFI:2412 -2472 MHz Bluetooth:2408 - 2480 MHz
Receiver Frequency	GSM850: 869-894MHz (RX) GSM900: 925-960MHz (RX) DCS1800: 1805-1880MHz (RX) PCS1900: 1930-1990MHz (RX) WCDMAband I:2110~2170MHz(RX) WCDMAband II:1930~1990MHz(RX) WCDMAband IV:2110~2155MHz(RX) WCDMAband V: 869~894MHz(RX) WCDMAband VIII: 925~960MHz(RX) LTE B1: 2110~2170MHz(RX) LTE B2:1930~1990MHz(RX) LTE B3: 1805~1880MHz(RX) LTE B4:2110~2155MHz(RX) LTE B5:869~894MHz(RX) LTE B7: 2620~2690MHz(RX) LTE B8: 925~960MHz(RX) LTE B12: 729~746MHz(RX)

	<p>LTE B13: 746~756MHz(RX)          LTE B17: 734~746MHz(RX)          LTE B26: 859~894MHz(RX)          LTE B28: 758~803MHz(RX)          LTE B66:2110~2200MHz(RX)          LTE B38: 2570~2620MHz(RX)          LTE B40: 2300~2400MHz(RX)          LTE B41: 2535~2655MHz(RX)          WIFI:2412 -2472 MHz          Bluetooth:2408 - 2480 MHz</p>
<p>Antenna Gain</p>	<p>GSM850: -2.21dBi          GSM900:-1.89 dBi          DCS1800: 1.31dBi          PCS1900: 1.14dBi          WCDMA 850: -2.21dBi          WCDMA 900: -1.89 dBi          WCDMA 2100: 1.05 dBi          WCDMA 1900: 1.14dBi          WCDMA 1700: 1.31 dBi          LTE B1: 1.05dBi          LTE B2: 1.14 dBi          LTE B3: 1.31 dBi          LTE B4: 1.31dBi          LTE B5: -2.21 dBi          LTE B7: 0.93 dBi          LTE B8: -1.89 dBi          LTE B12: -2.71 dBi          LTE B13: -2.71 dBi          LTE B17: -2.71 dBi          LTE B26: -2.21 dBi          LTE B28: -2.71 dBi          LTE B66: 1.31dBi          LTE B38: 0.93 dBi          LTE B40: 1.01 dBi          LTE B41: 0.93 dBi          WIFI, Bluetooth: 0.34 dBi</p>
<p>Type of Modulation</p>	<p>GMSK/8PSK/QPSK/16QAM/64QAM/GFSK, <math>\pi/4</math>-DQPSK,8DPSK</p>

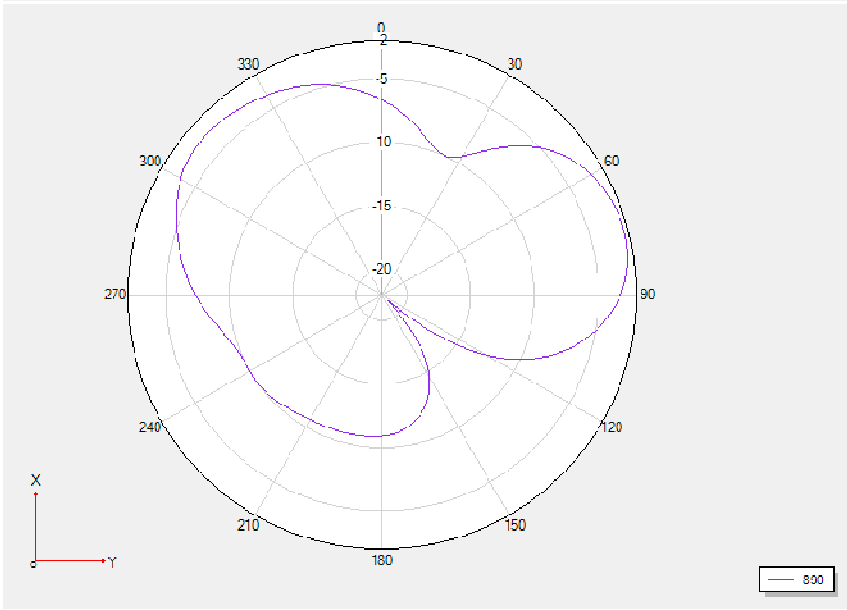
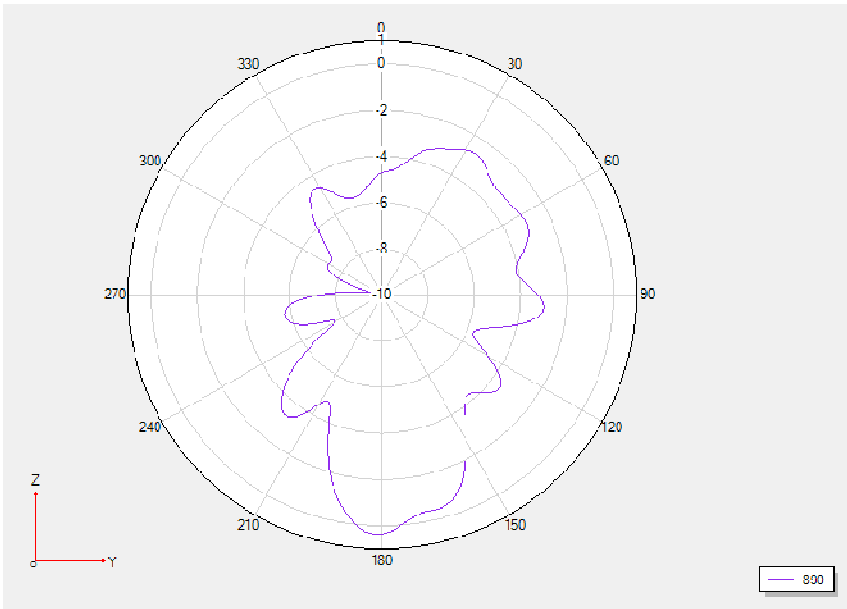
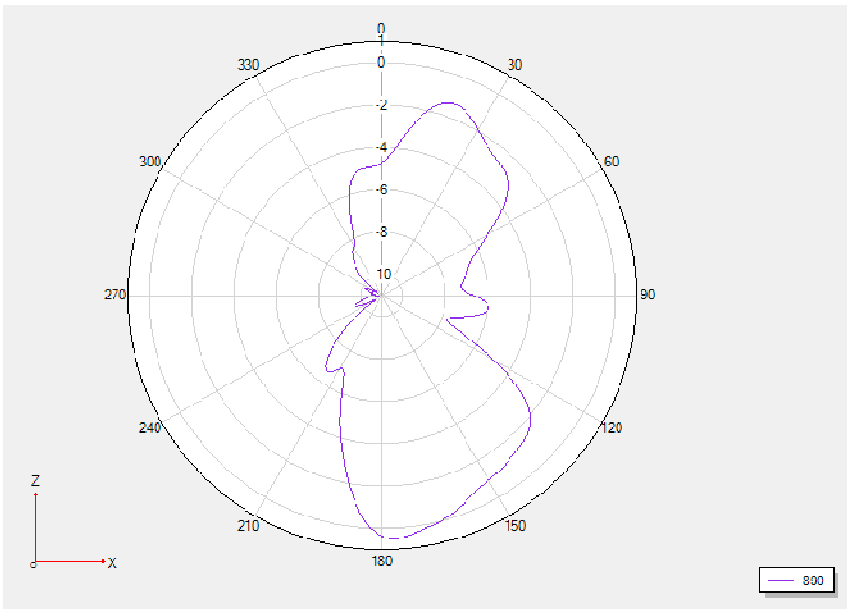
# ※ Antenna Gain

## Main Antenna

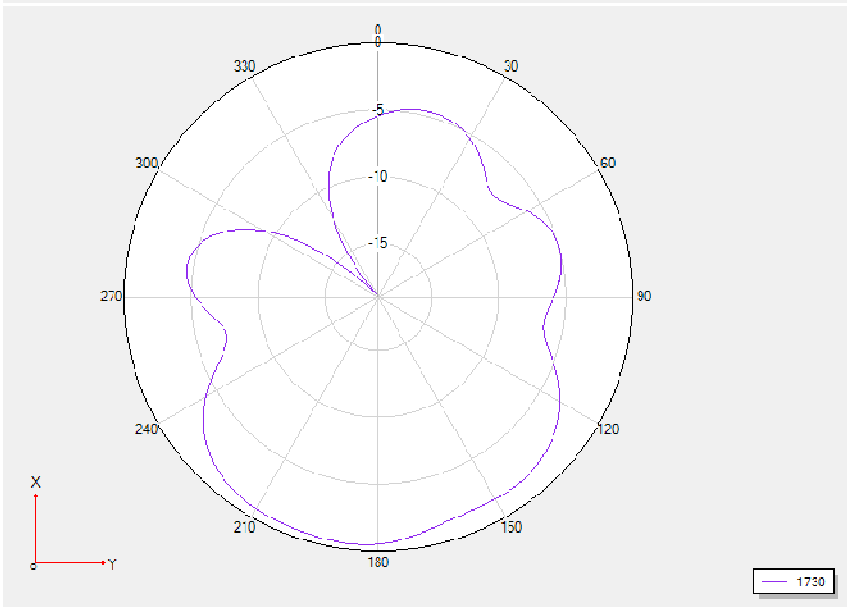
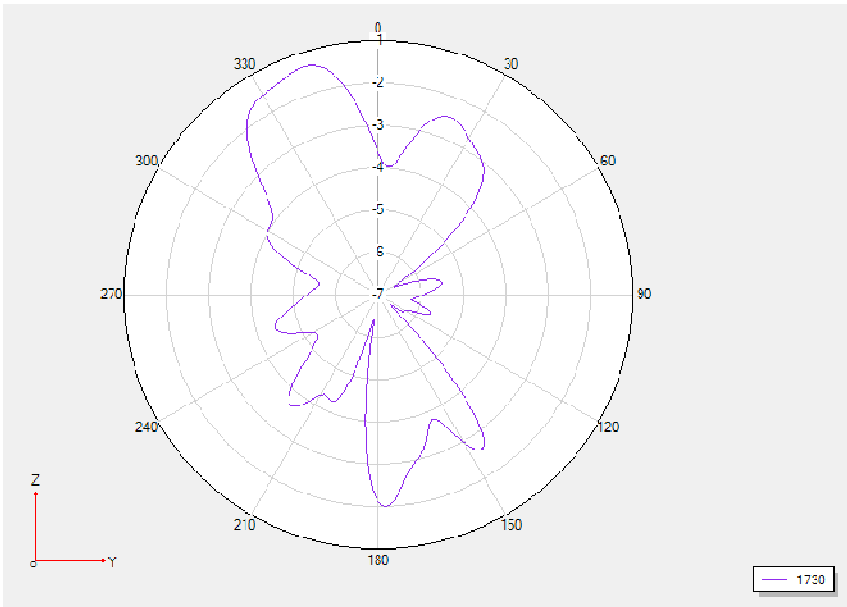
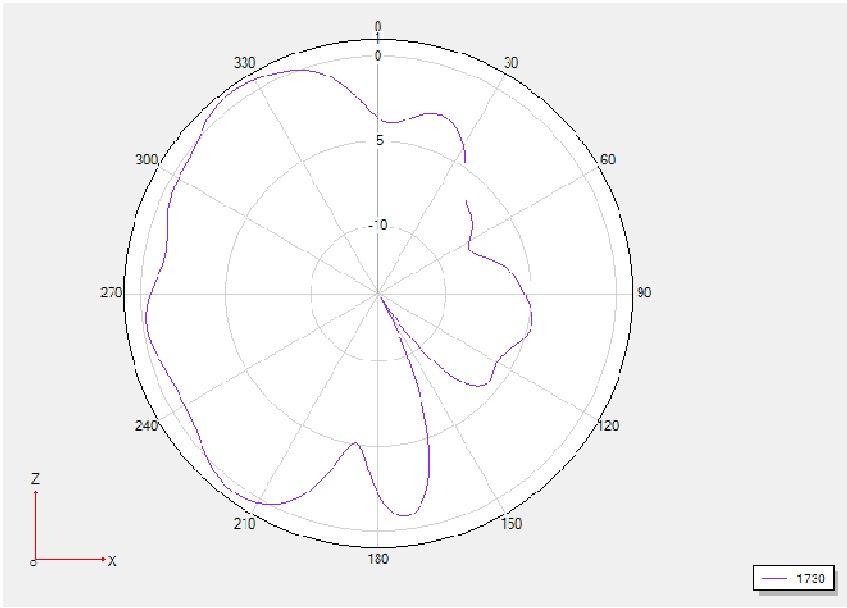
G850 W850 B5/26



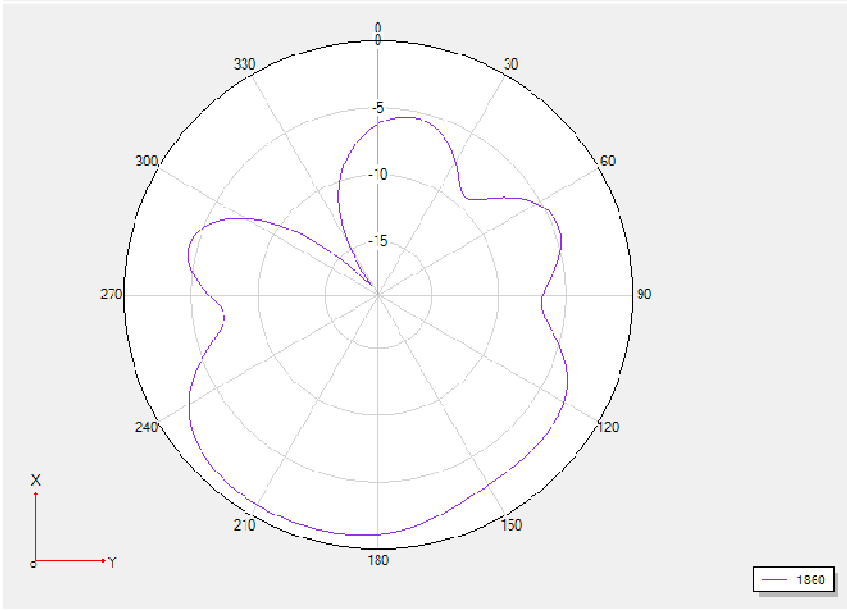
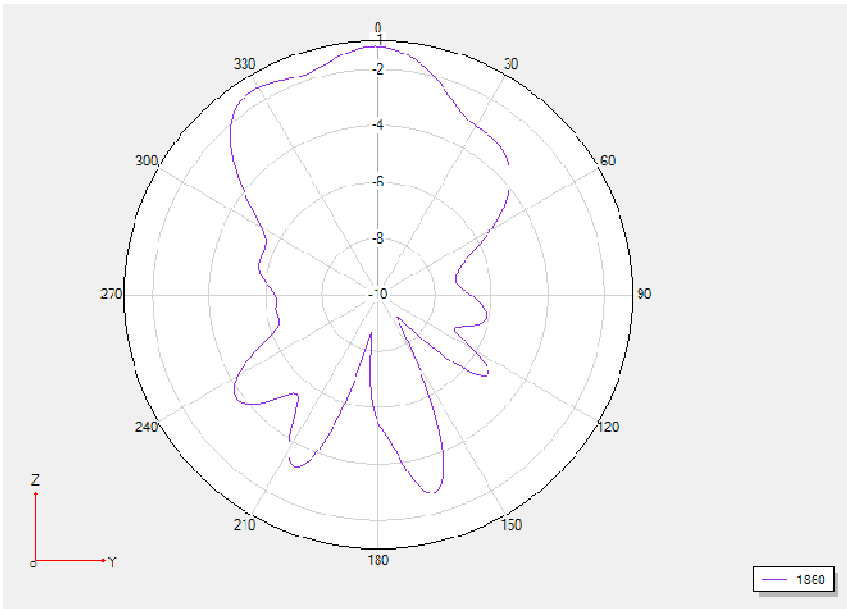
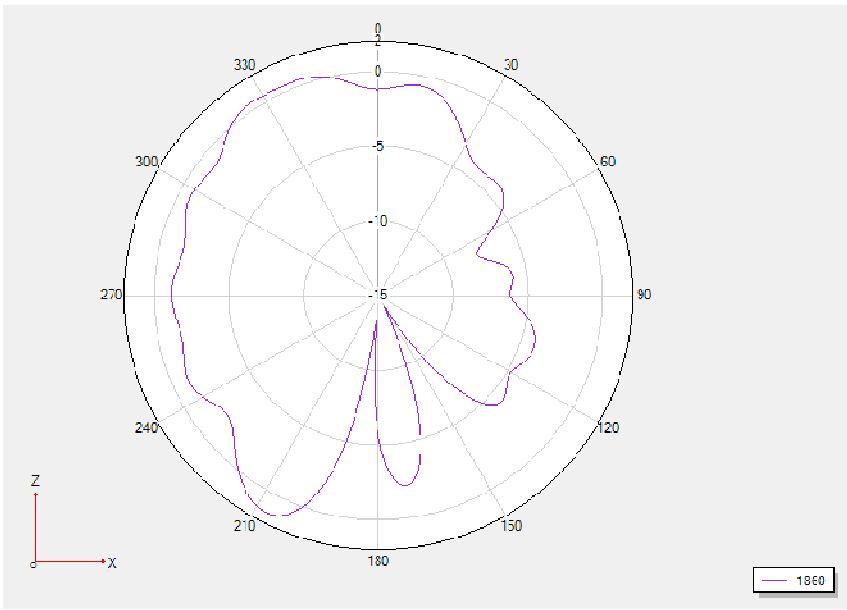
G900 W900 B8



G1800 B3/4/66

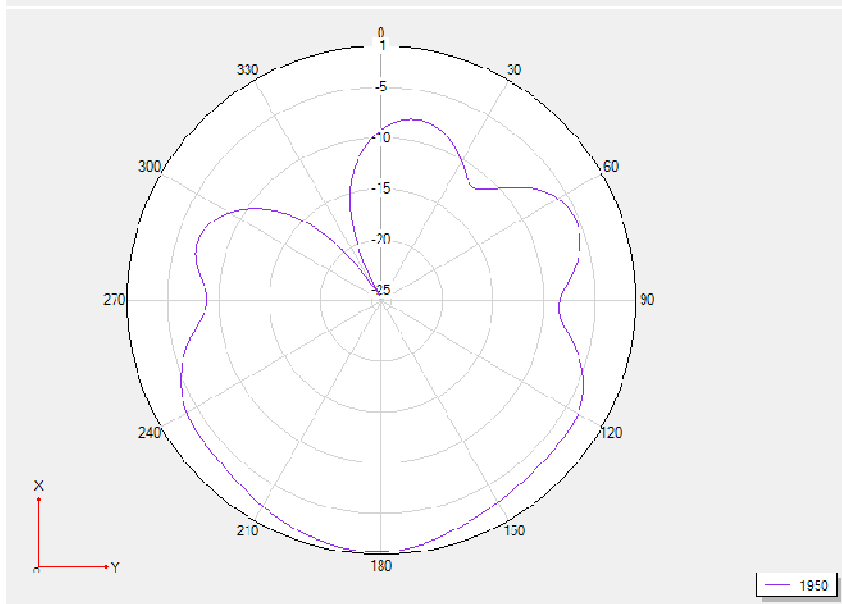
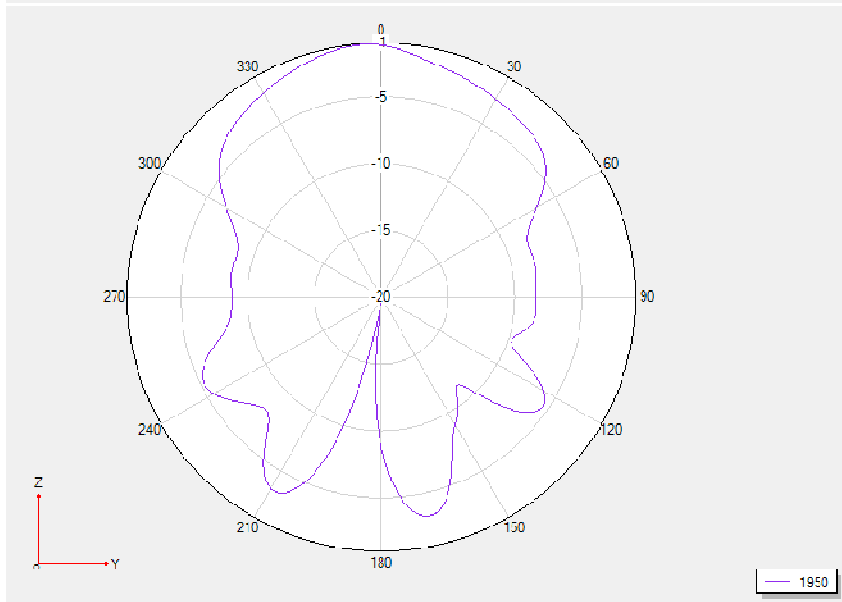
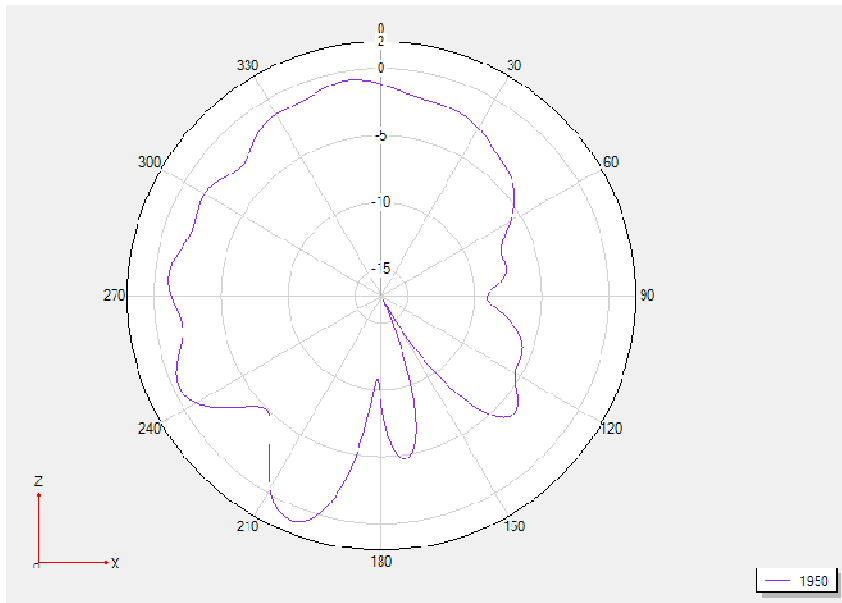


G1900 W1900 B2

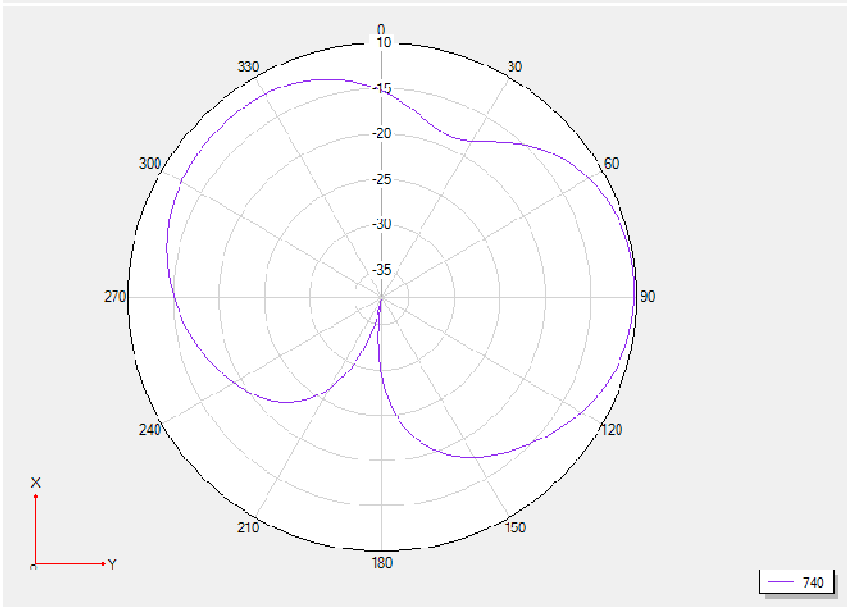
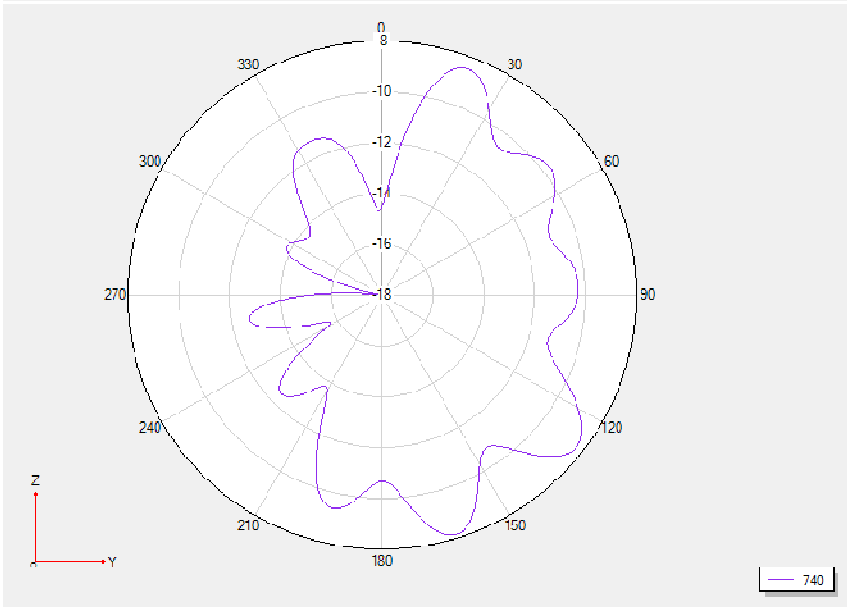
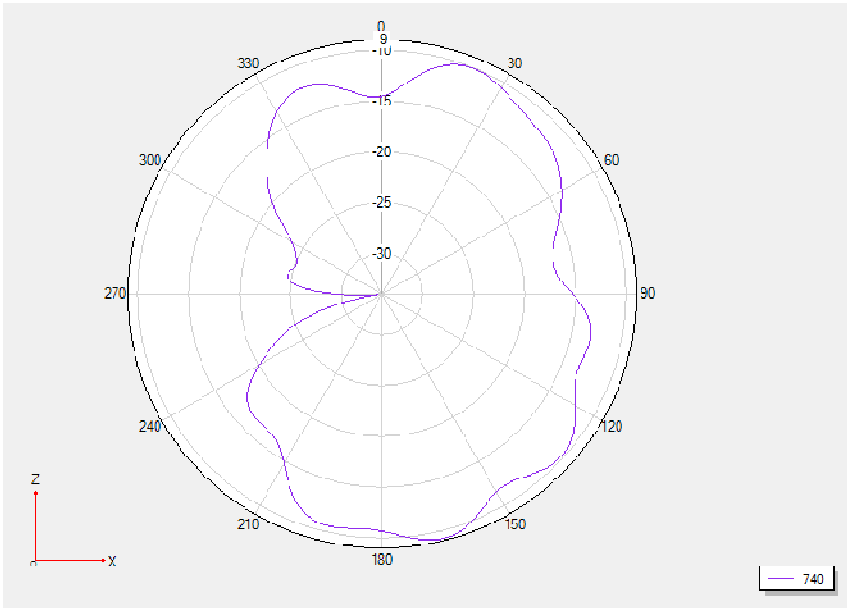




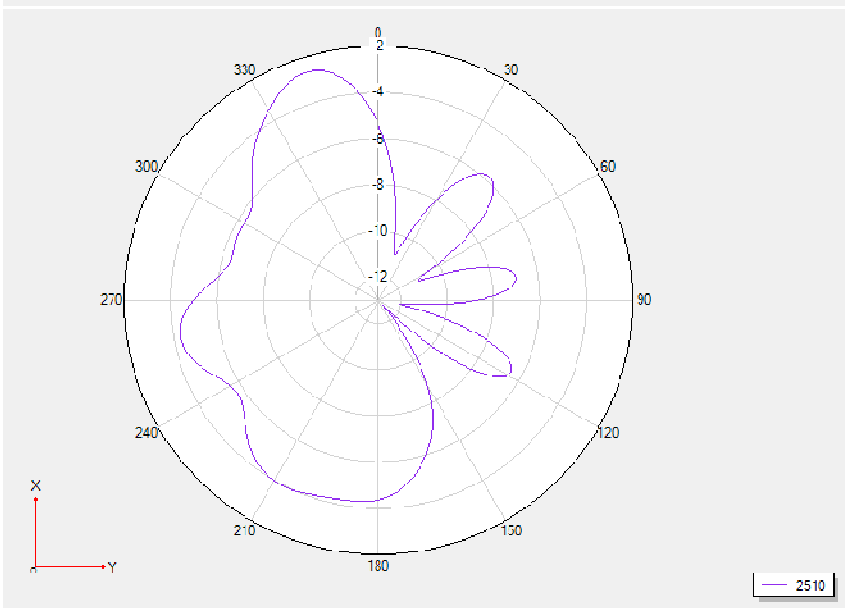
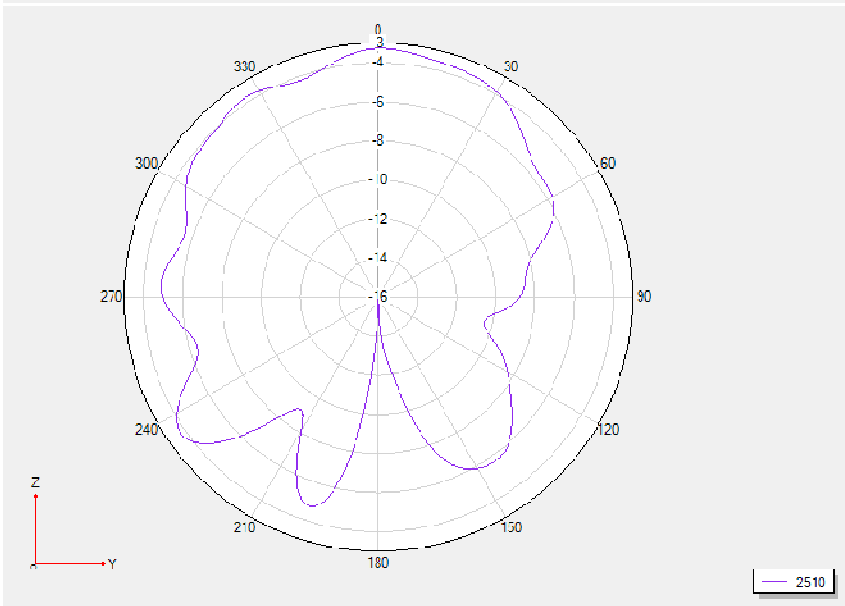
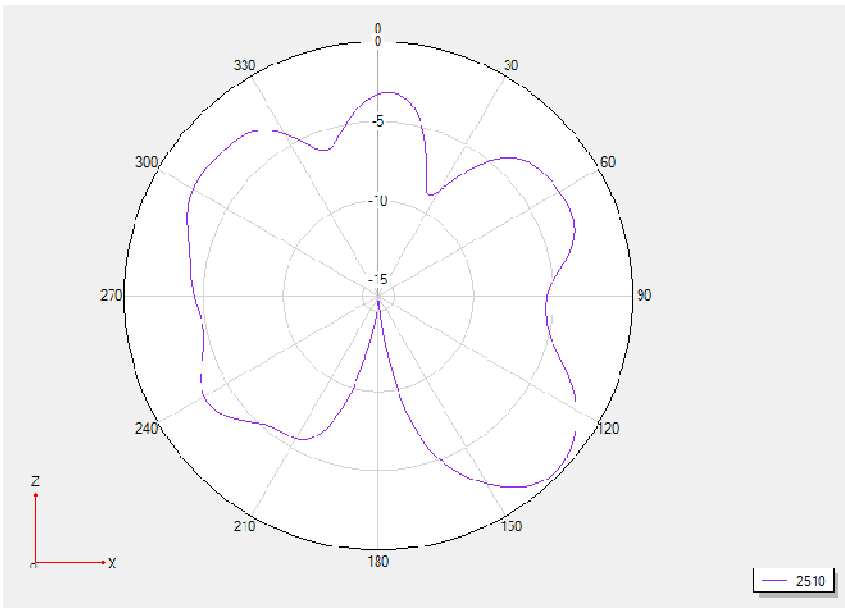
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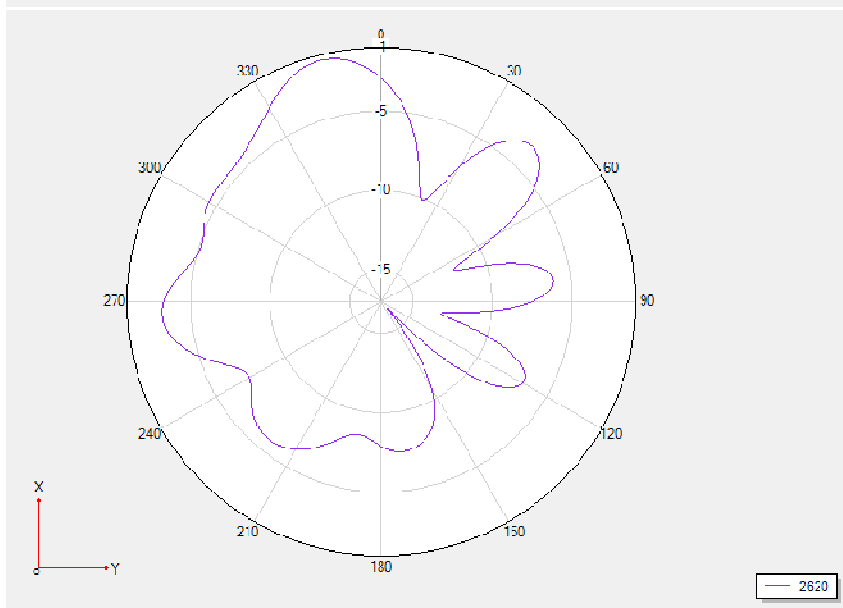
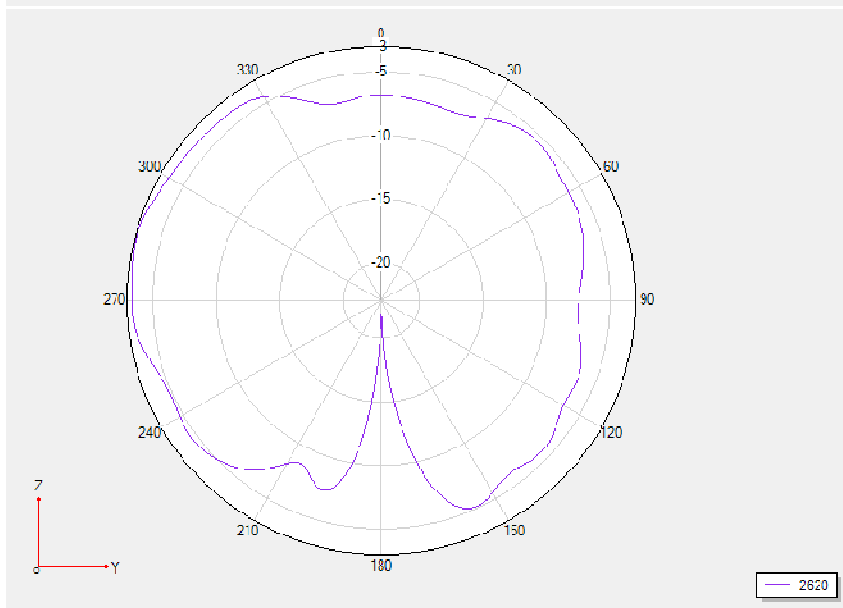
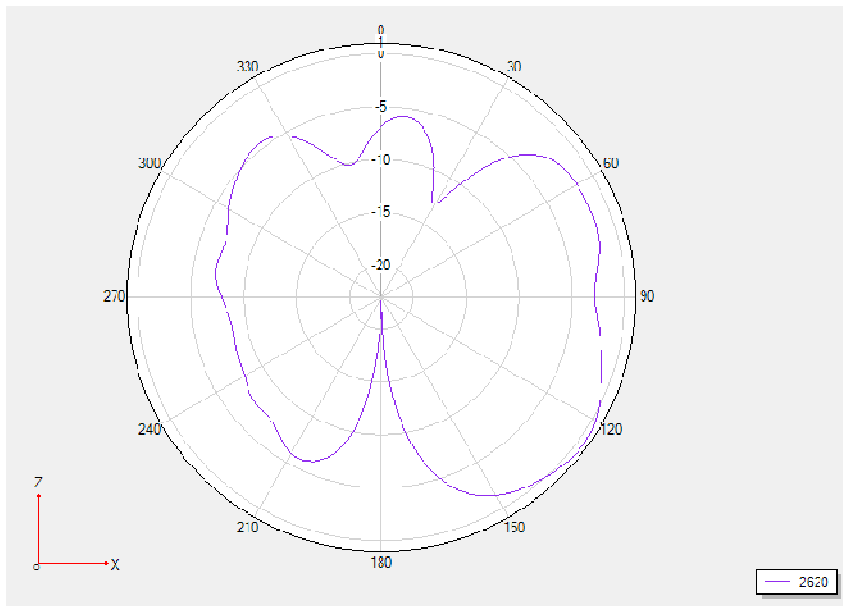
B12/13/17/28



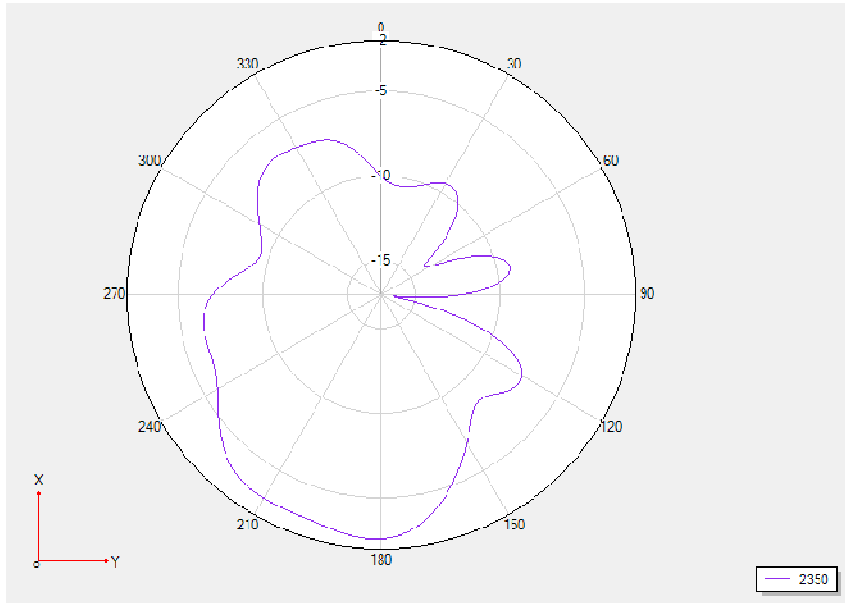
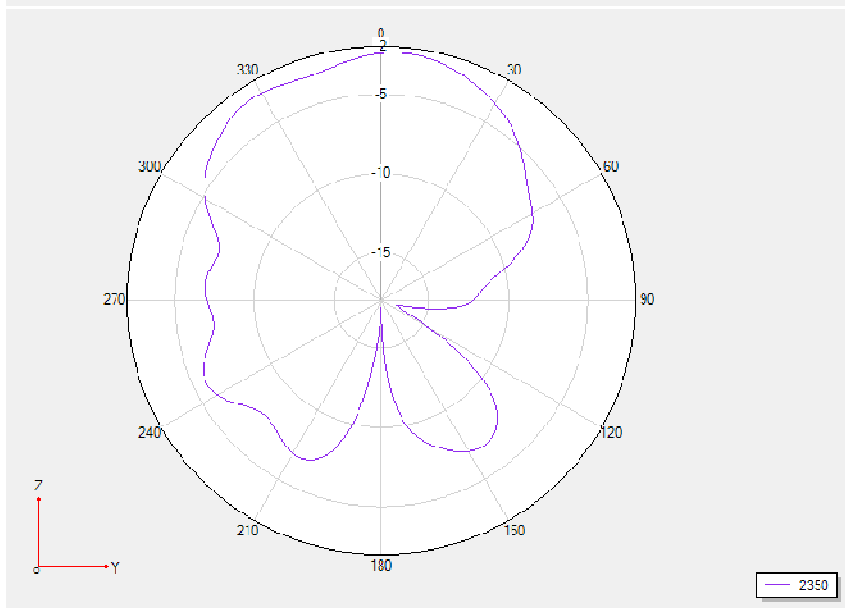
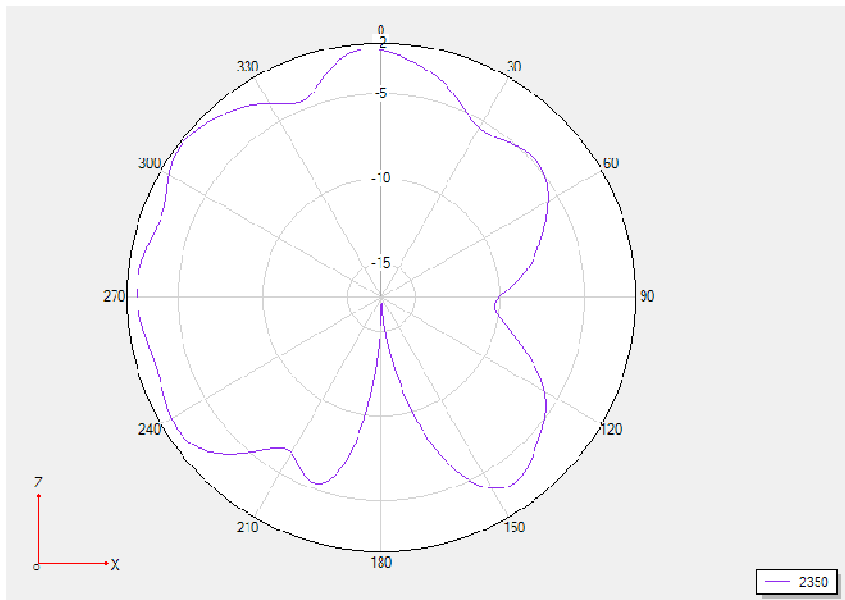
B7



B38/41

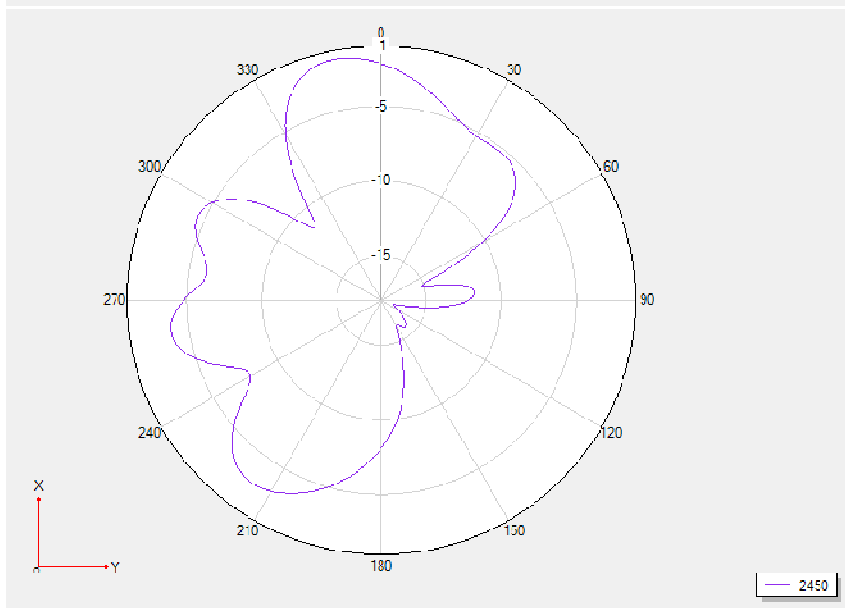
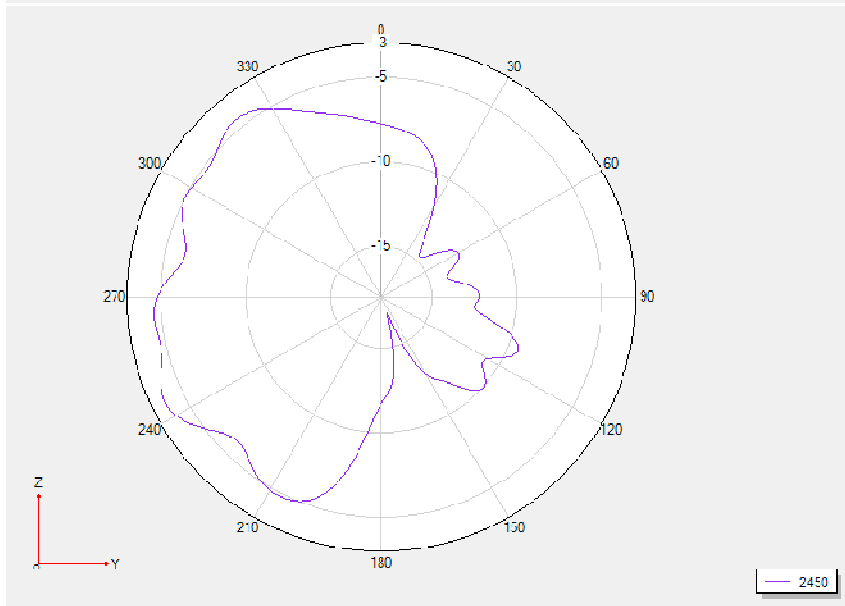
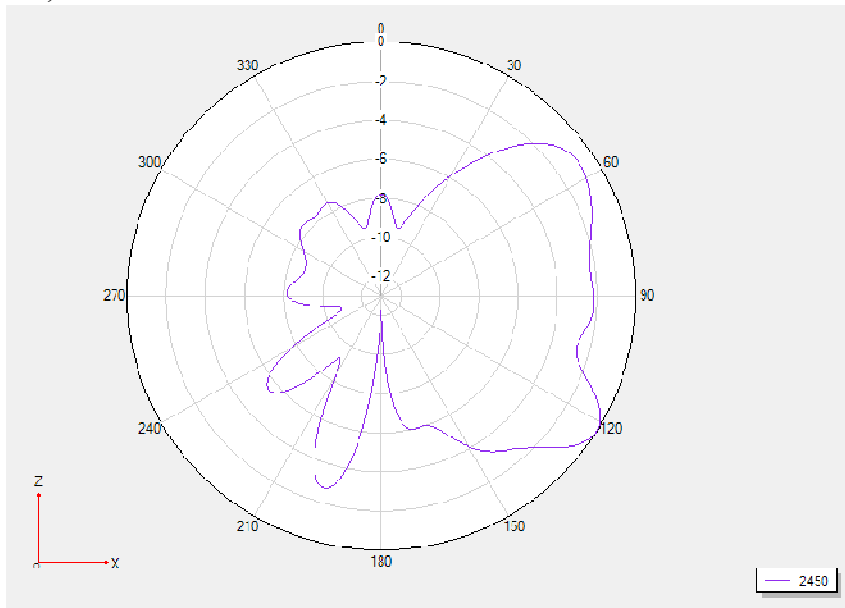


B40



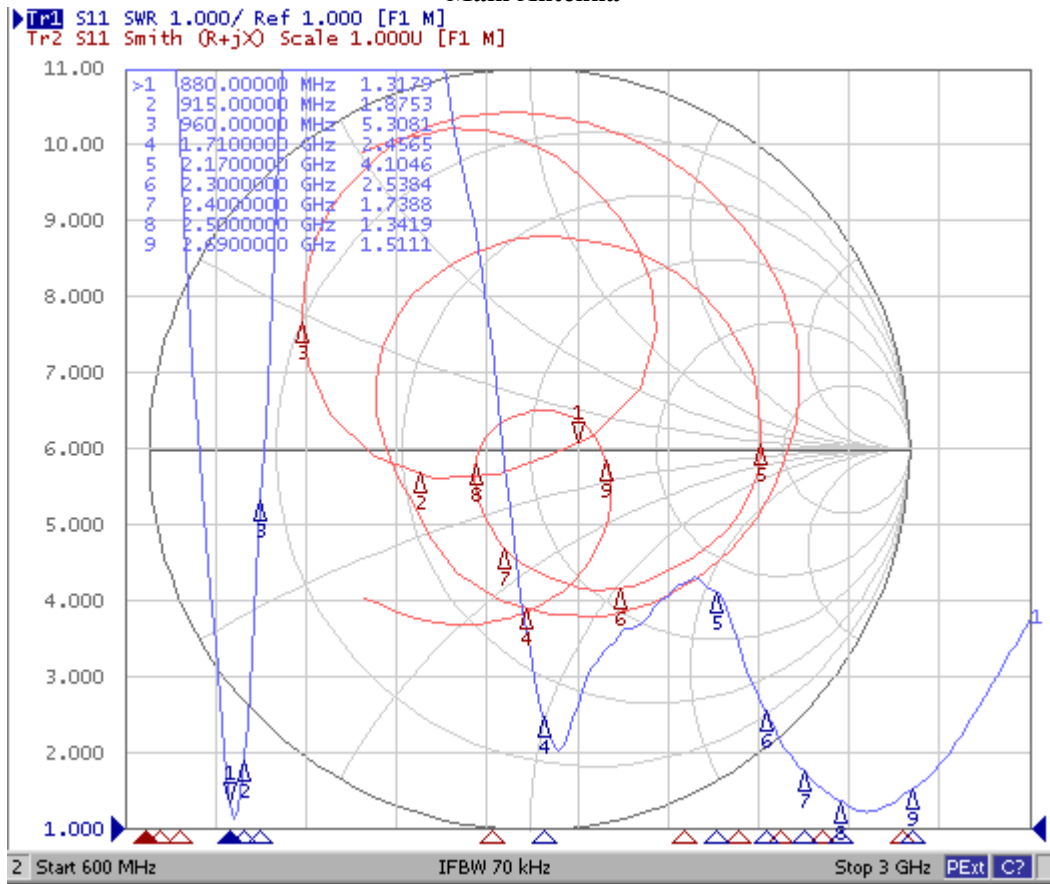
# Three-in-one antenna

BT,WIFI



※S11:

### Main Antenna



### Three-in-one antenna

