Feature

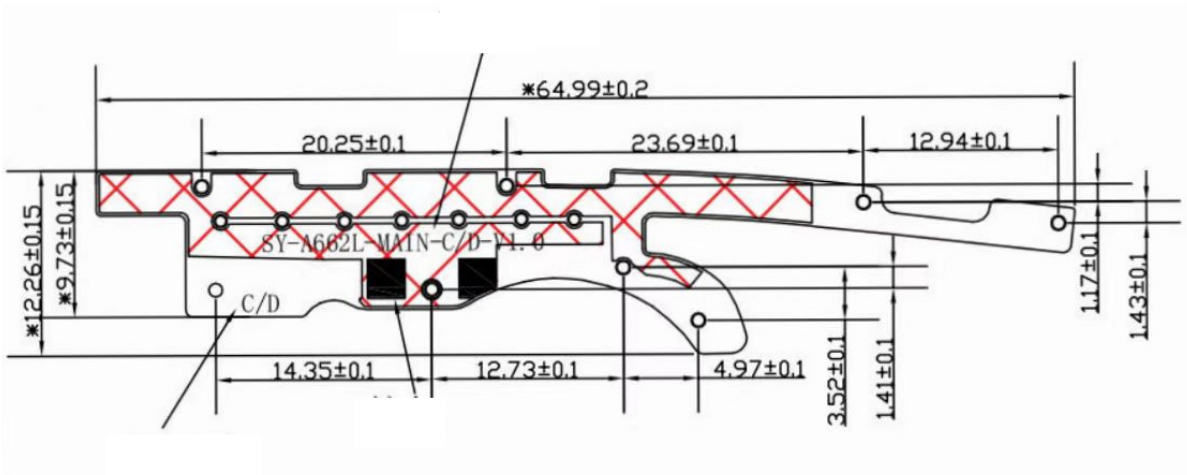
※ High gain
※ Omani-directional
※ Wide bandwidth

Application

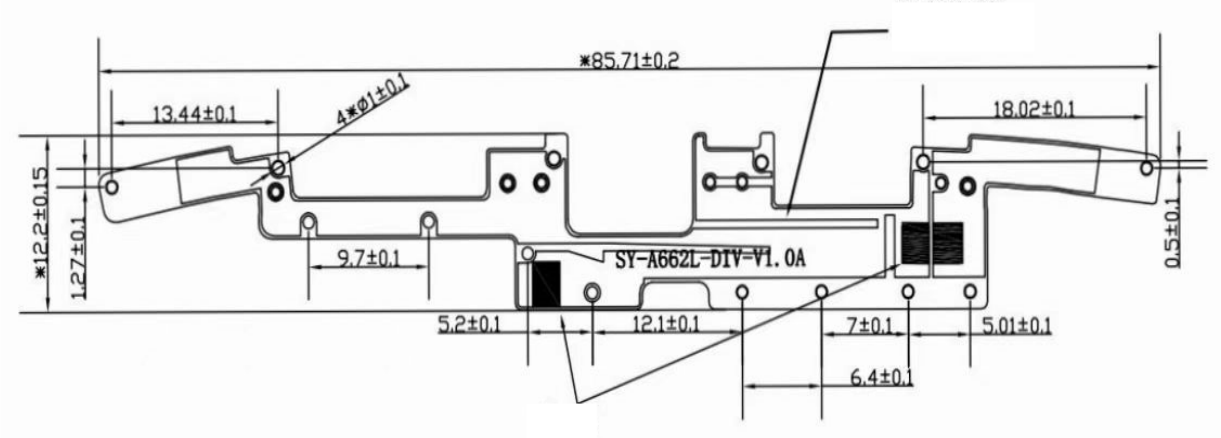
※ GSM 850/GSM900/DCS1800/PCS 1900
WCDMA 2100/WCDMA1900/WCDMA1700/WCDMA900/WCDMA850
FDD B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B26/B28/B66
TDD 38-40-41
communication applications

※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

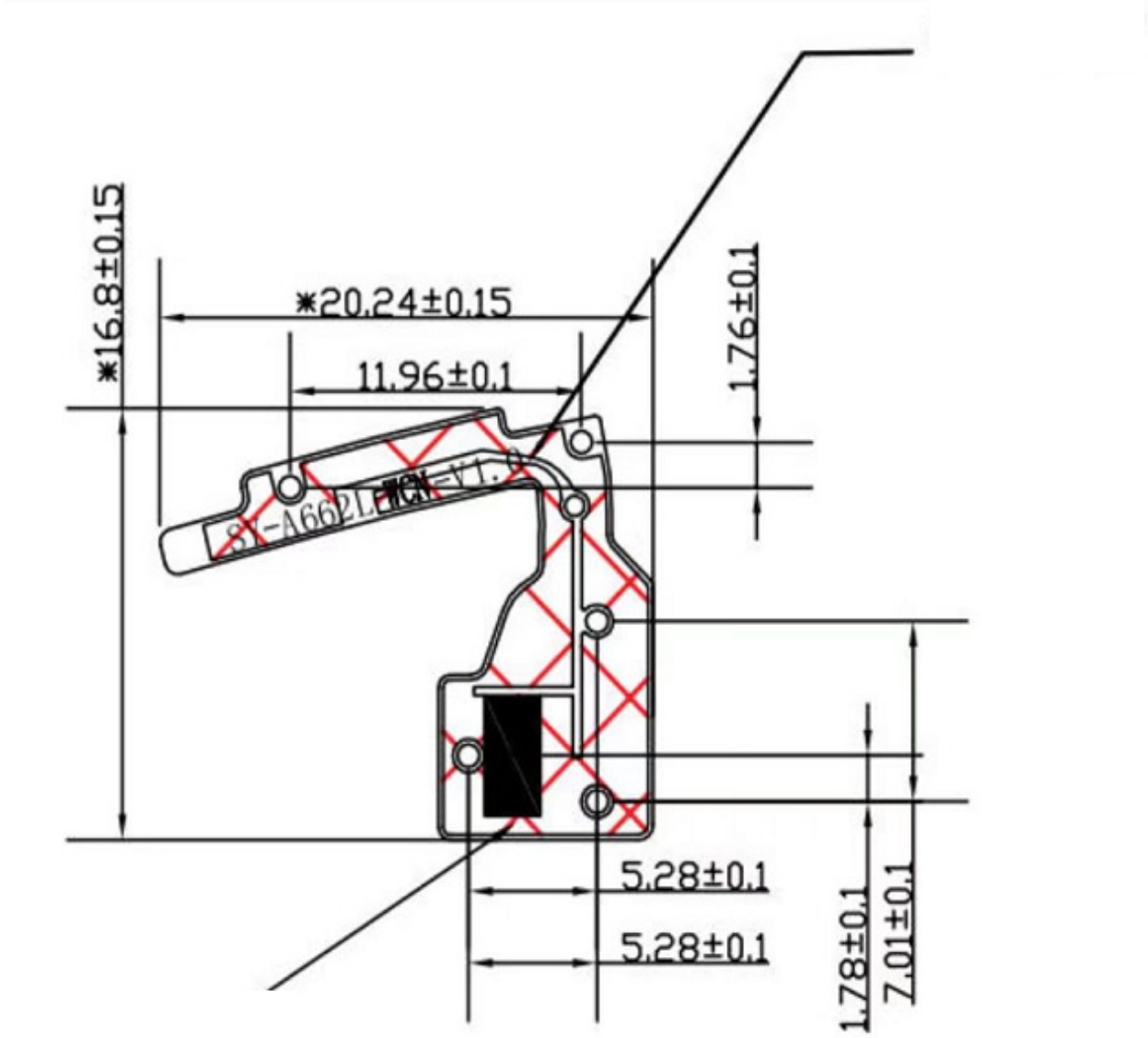
※Antenna type
SY-A662L-MAIN-C/D-V1.0



SY-A662L-DIV-V1.0A



SY-A662L-WCN-V1.0



Electric Specifications

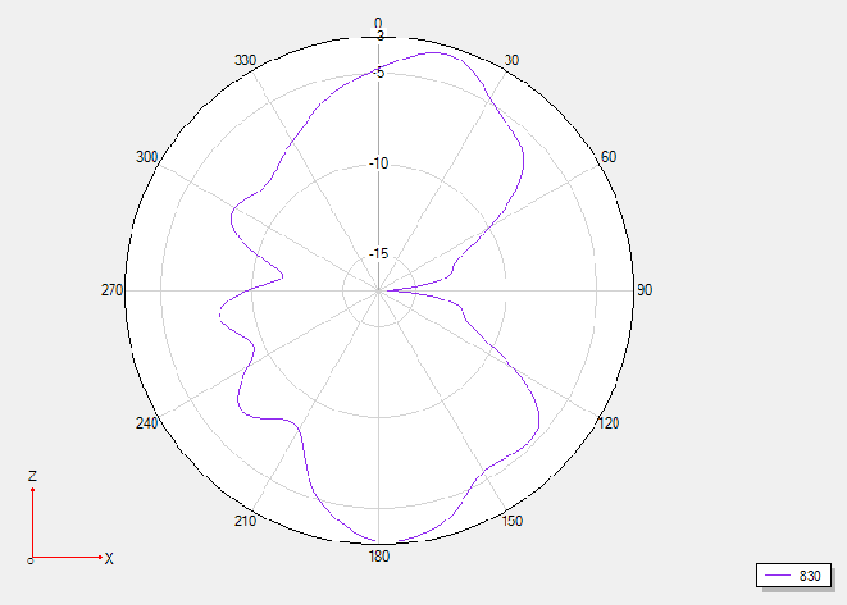
TYPE	FPC
Transmitter Frequency	GSM850: 824~849MHz(TX) GSM900: 880-915MHz (TX) DCS1800: 1710-1785MHz (TX) PCS1900: 1850-1910MHz (TX) WCDMAband I: 1920~1980MHz(TX) WCDMAband II: 1850-1910MHz(TX) WCDMAband IV: 1710-1755MHz(TX) WCDMAband V: 824~849MHz(TX) WCDMAband VIII: 880~915MHz(TX) LTE B1：1920~1980MHz(TX) 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)

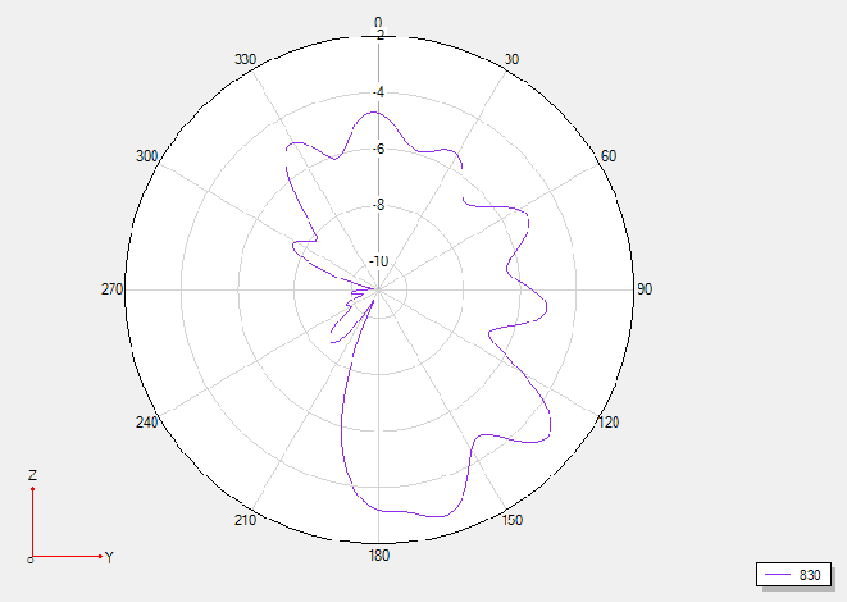
	LTE B13： 746~756MHz(RX) LTE B17： 734~746MHz(RX) LTE B26： 859~894MHz(RX) LTE B28：758~803MHz(RX) LTE B66:2110~2200MHz(RX) LTE B38： 2570~2620MHz(RX) LTE B40： 2300~2400MHz(RX) LTE B41：2535~2655MHz(RX) WIFI:2412 -2472 MHz Bluetooth:2408 - 2480 MHz
Antenna Gain	GSM850: -2.21dBi GSM900:-1.89 dBi DCS1800: 1.31dBi 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
Type of Modulation	GMSK/8PSK/QPSK/16QAM/64QAM/GFSK, π/4-DQPSK,8DPSK

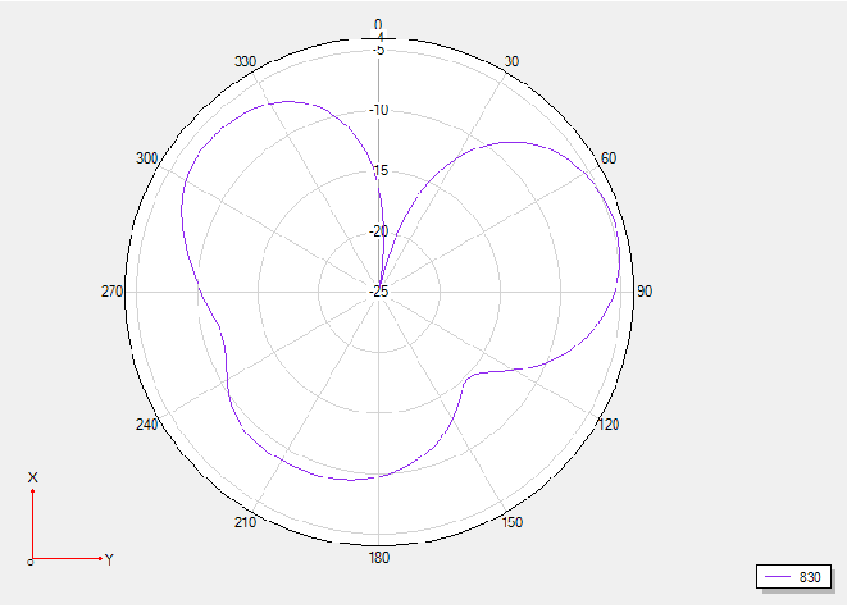
※ Antenna Gain

Main Antenna

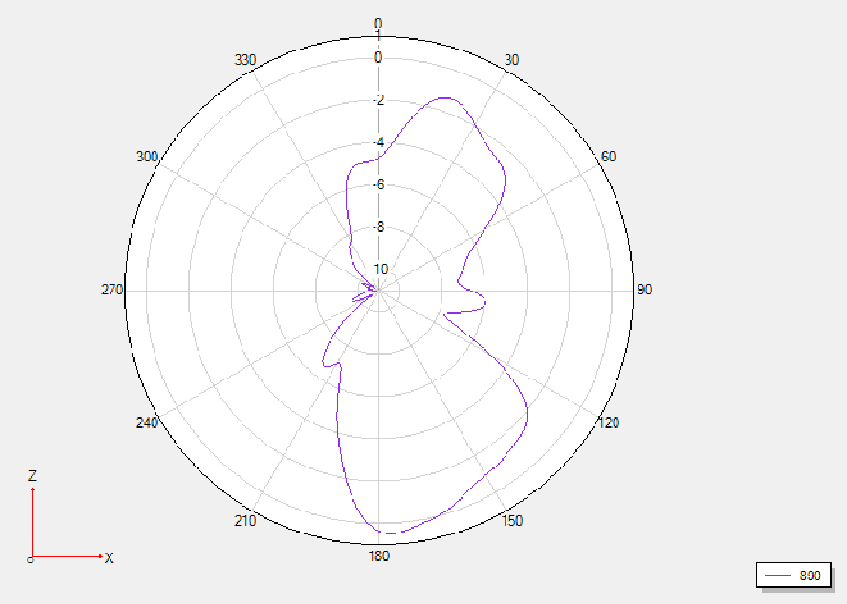
G850 W850 B5/26

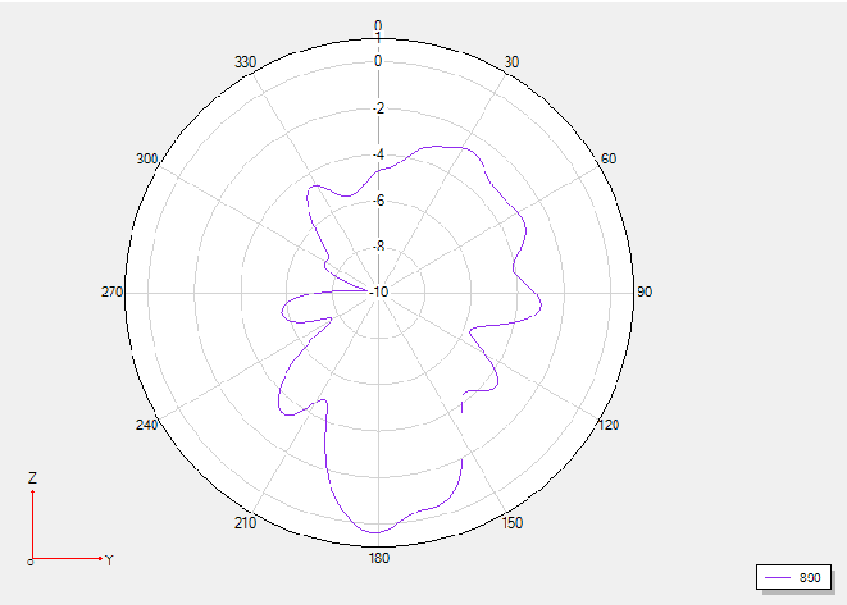


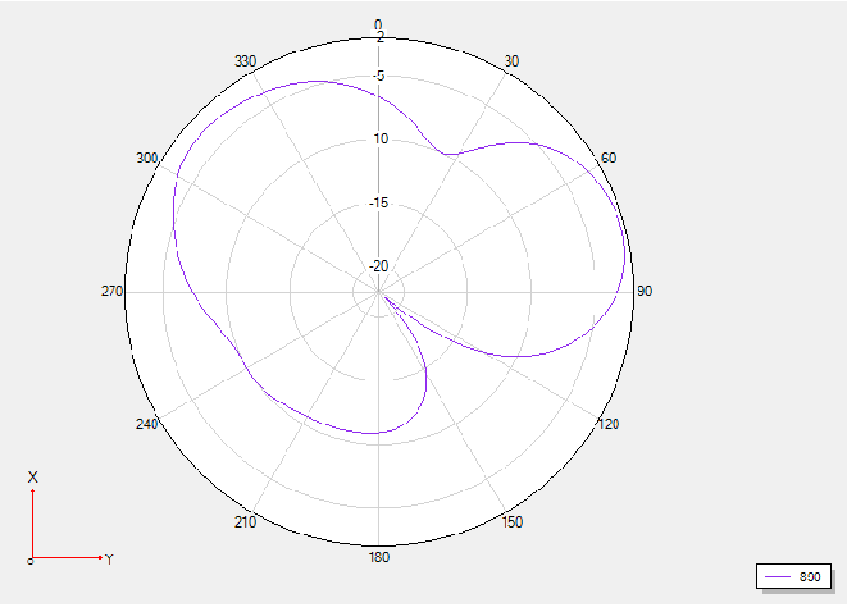




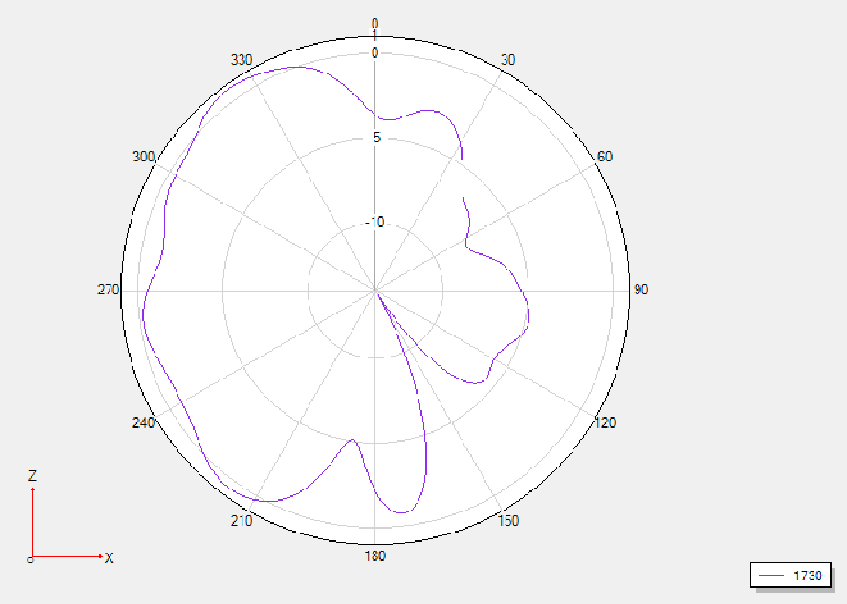
G900 W900 B8

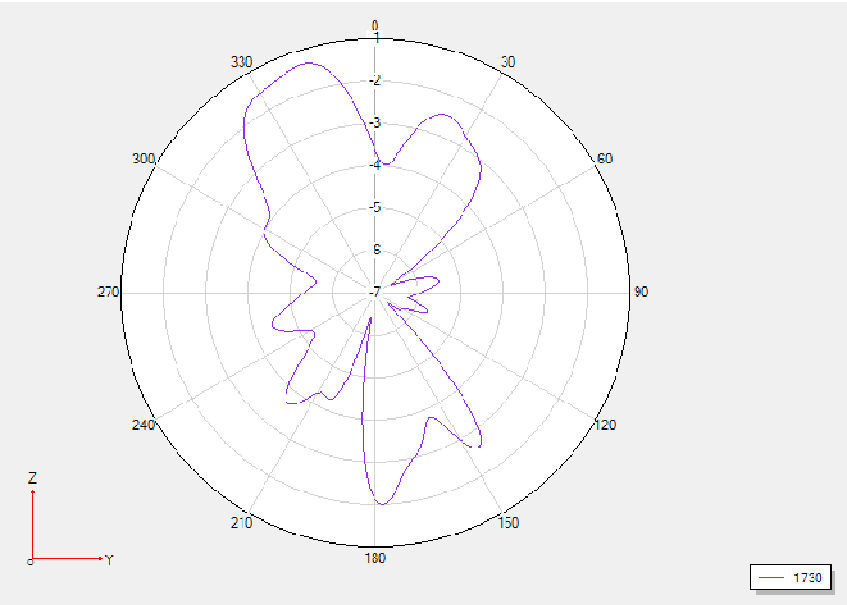

0
30
60
90
120
150
180
210
240
270
300
330
0
-2
-4
-6
-8
-10
Z
X
900

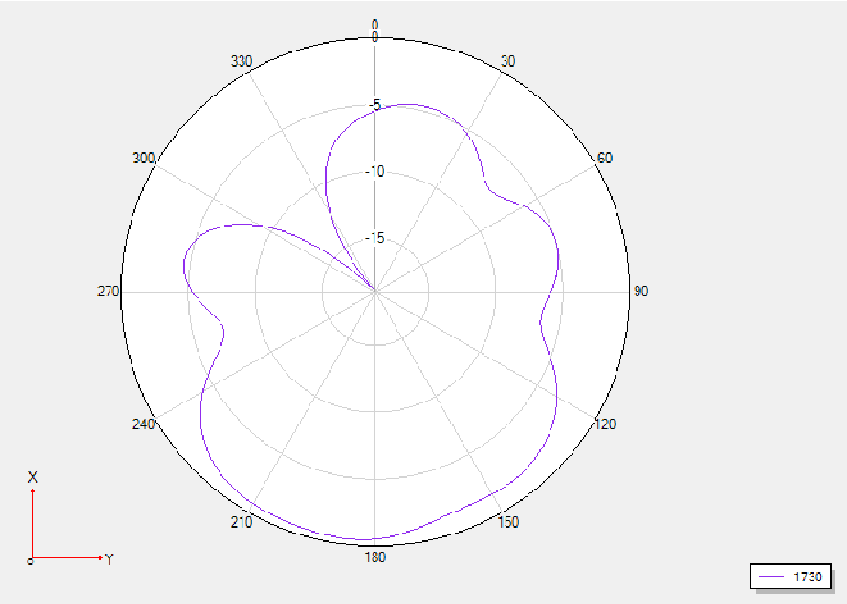

0
30
60
90
120
150
180
210
240
270
300
330
0
-2
-4
-6
-8
-10
Z
Y
900


0
30
60
90
120
150
180
210
240
270
300
330
2
-5
-10
-15
-20
X
Y
900

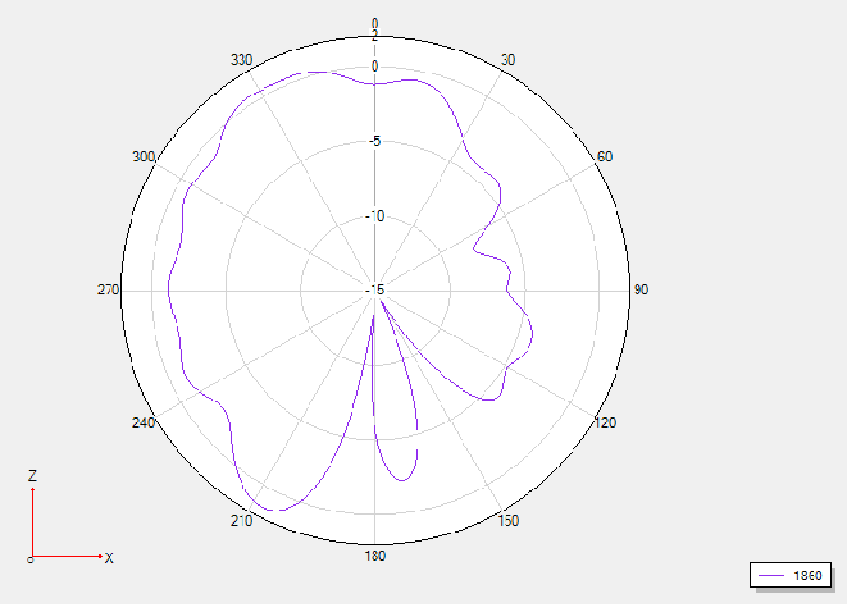
G1800 B3/4/66

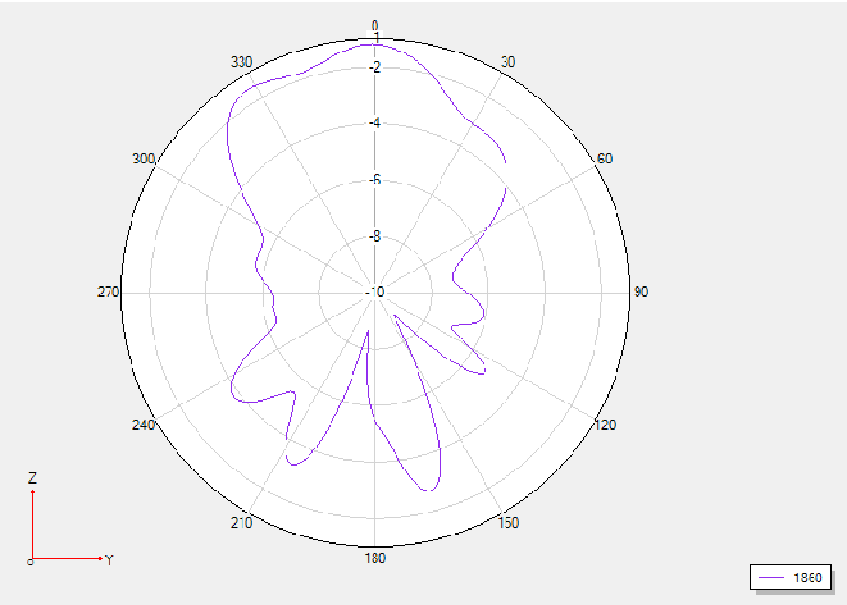

0
30
60
90
120
150
180
210
240
270
300
330
0
-5
-10
Z
X
1730

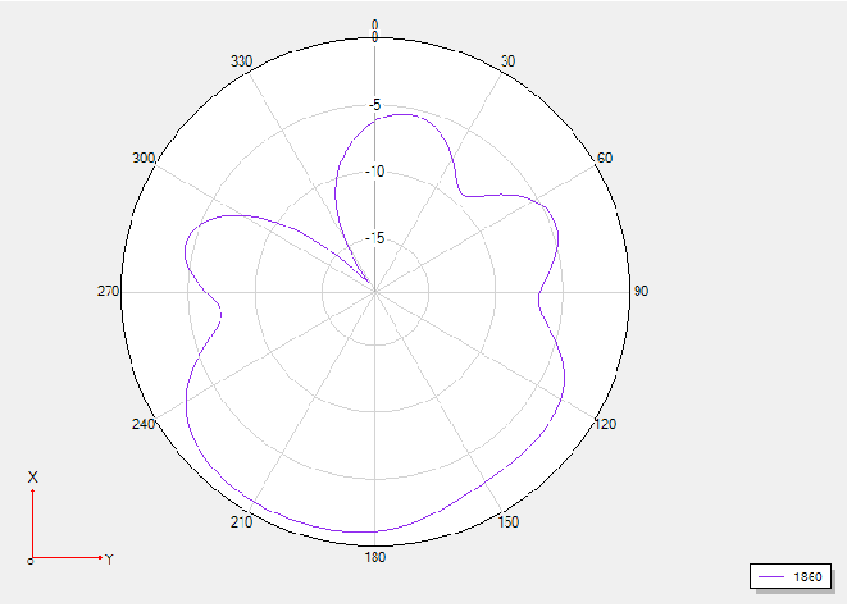

0
30
60
90
120
150
180
210
240
270
300
330
-1
-2
-3
-4
-5
-6
-7
Z
Y
1730


0
30
60
90
120
150
180
210
240
270
300
330
0
-5
-10
-15
X
Y
1730

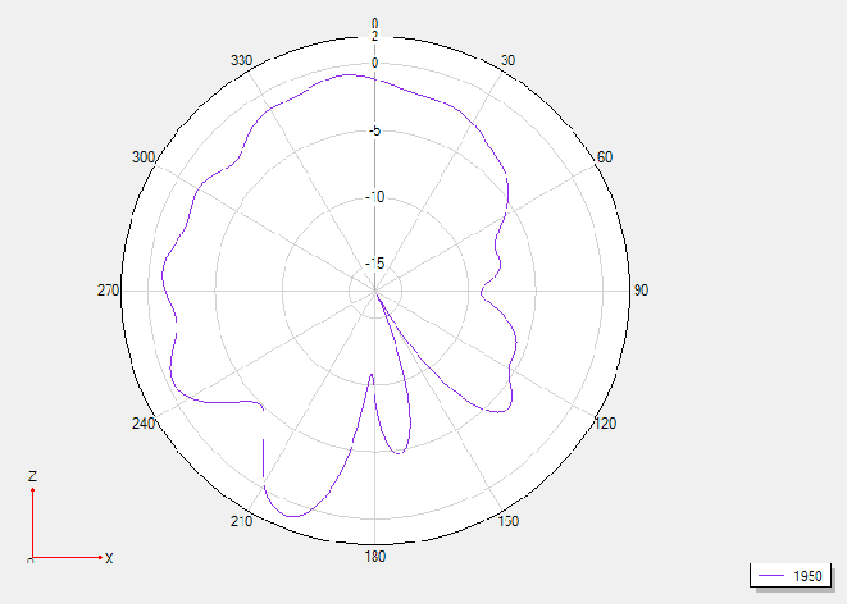
G1900 W1900 B2

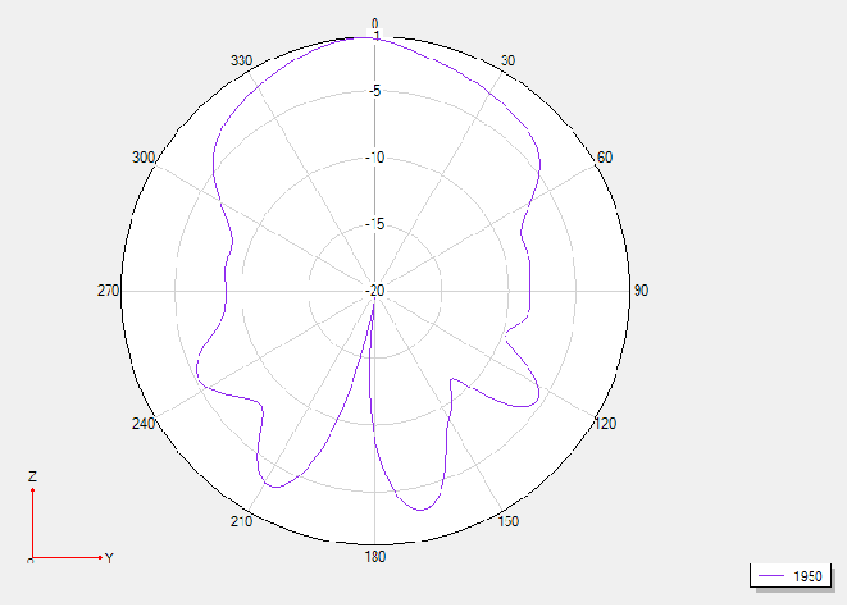


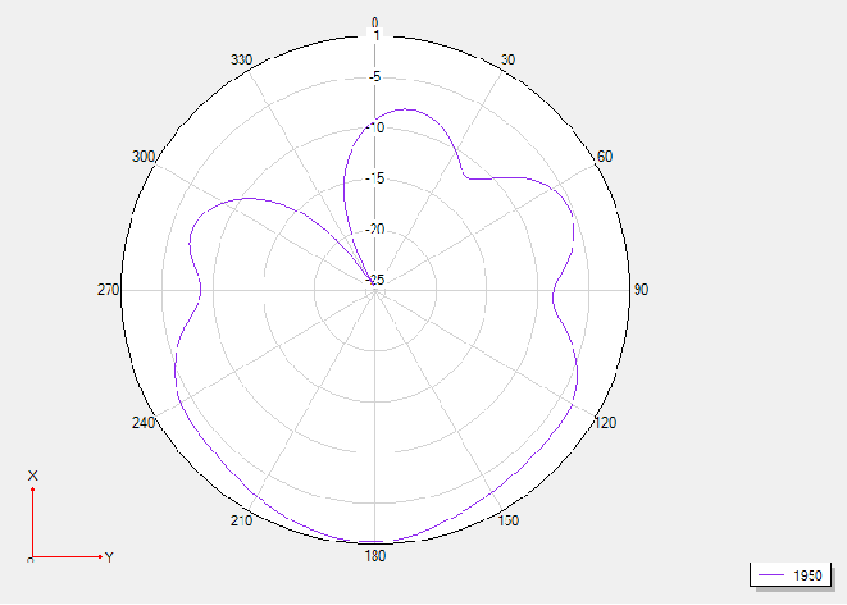




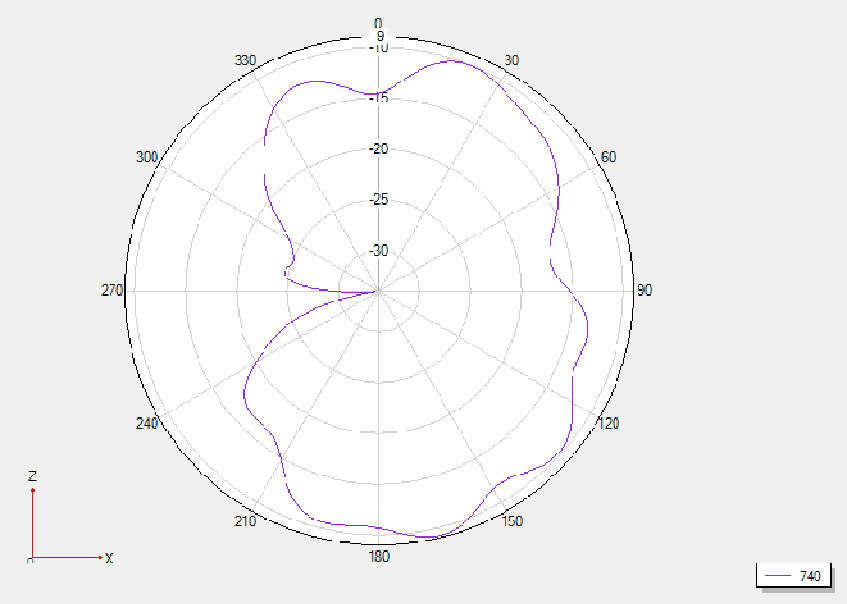
W2100 B1

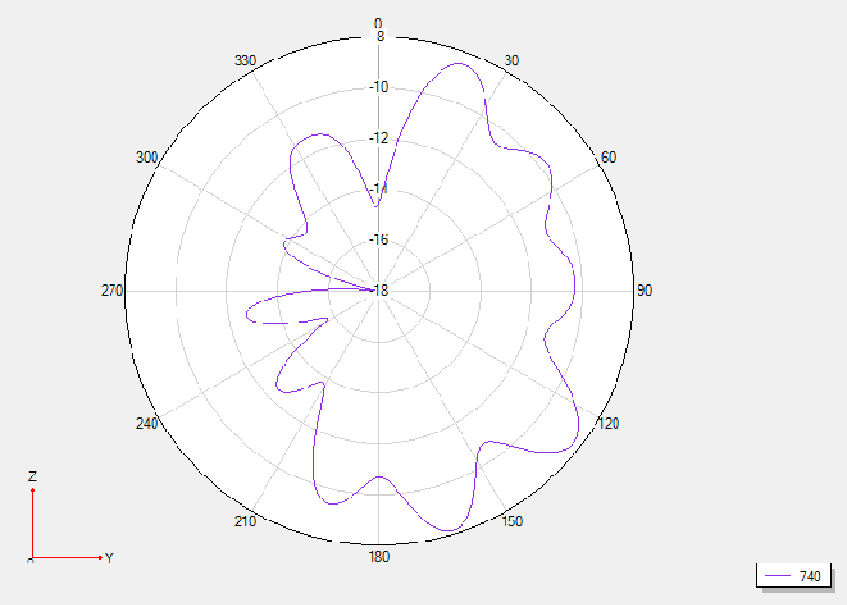

0
30
60
90
120
150
180
210
240
270
300
330
2
0
-5
-10
-15
Z
X
1950

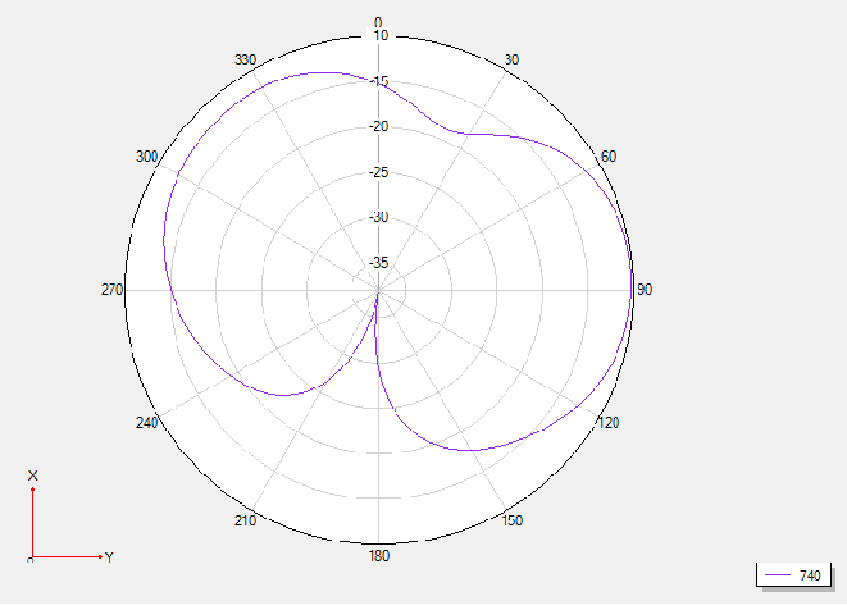

0
30
60
90
120
150
180
210
240
270
300
330
1
-5
-10
-15
-20
Z
Y
1950


0
30
60
90
120
150
180
210
240
270
300
330
1
-5
-10
-15
-20
-25
X
Y
1950

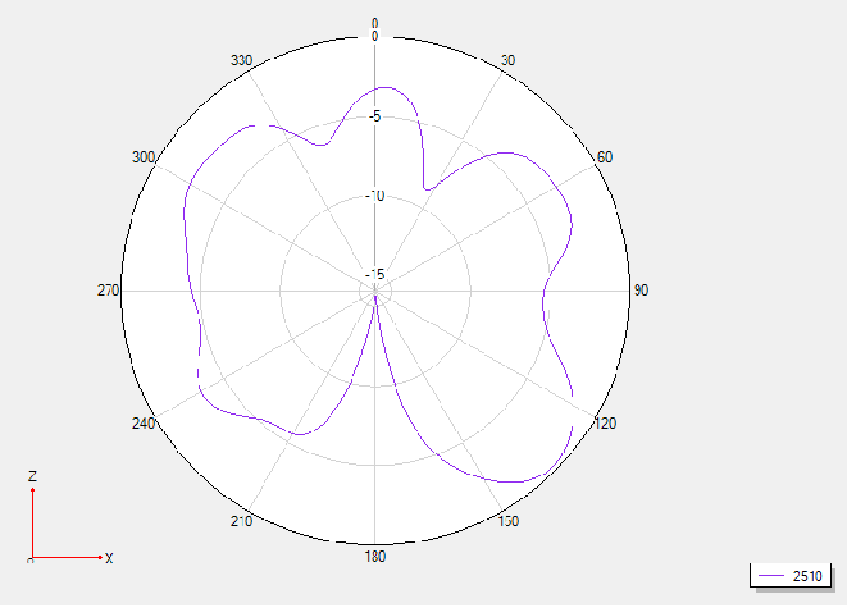
B12/13/17/28

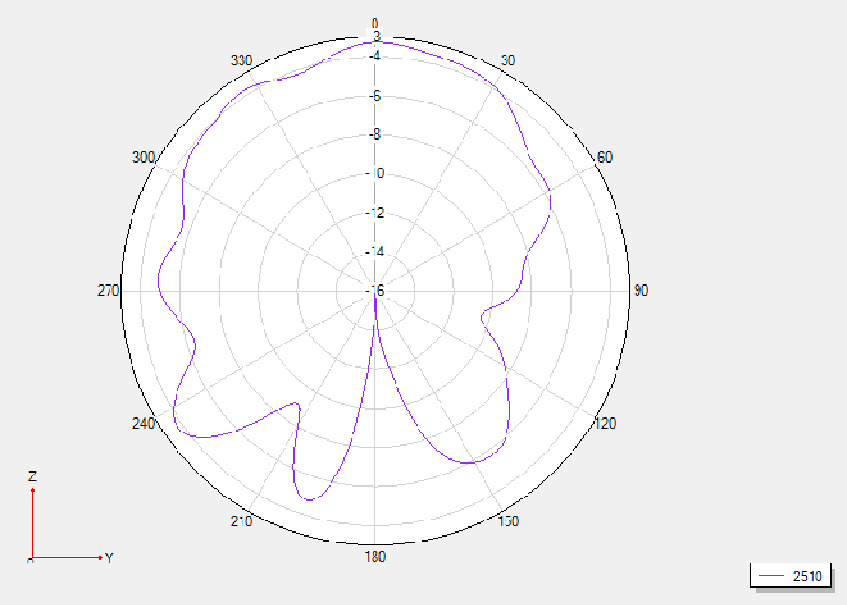

0
9
-10
-15
-20
-25
-30
30
60
90
120
150
180
210
240
270
300
330
Z
X
740

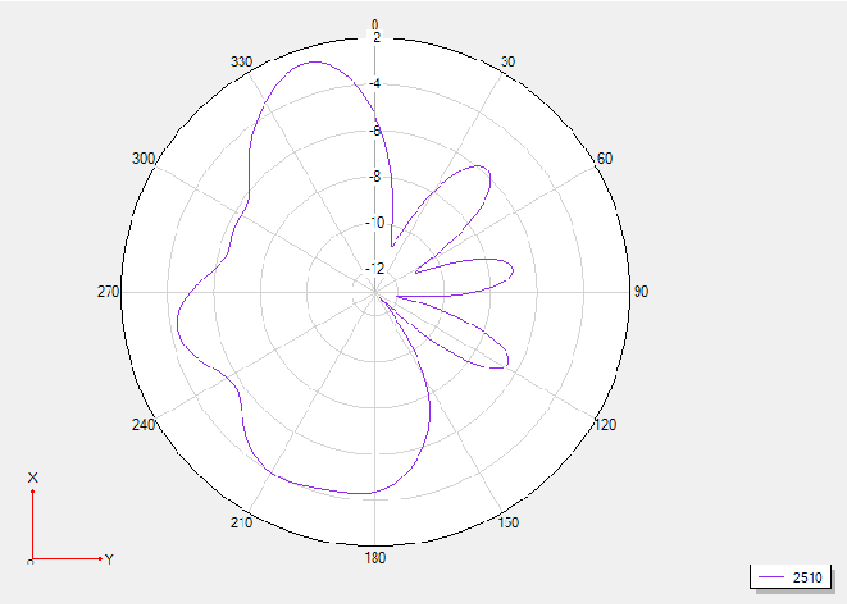

0
8
-10
-12
-14
-16
-18
30
60
90
120
150
180
210
240
270
300
330
Z
Y
740


0
10
-15
-20
-25
-30
-35
30
60
90
120
150
180
210
240
270
300
330
X
Y
740

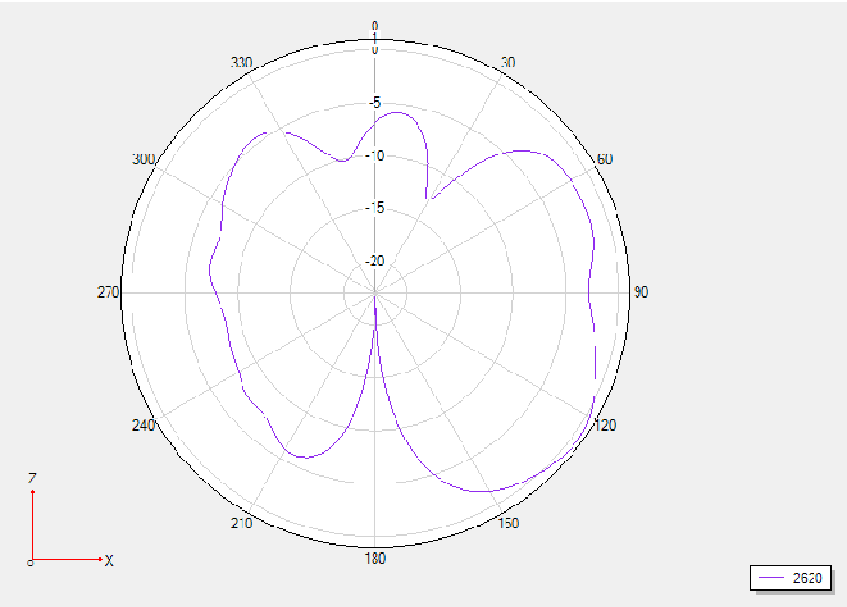
B7

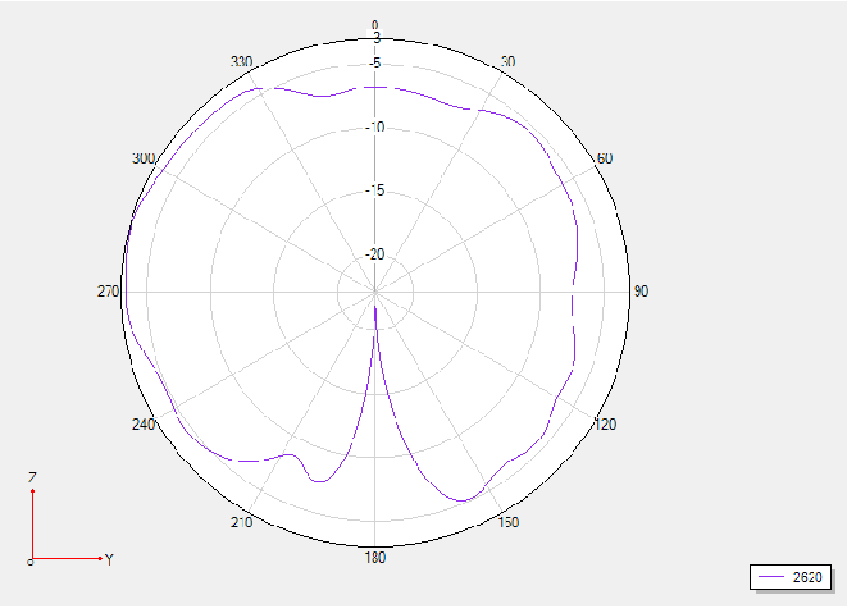

0
30
60
90
120
150
180
210
240
270
300
330
-5
-10
-15
Z
X
2510

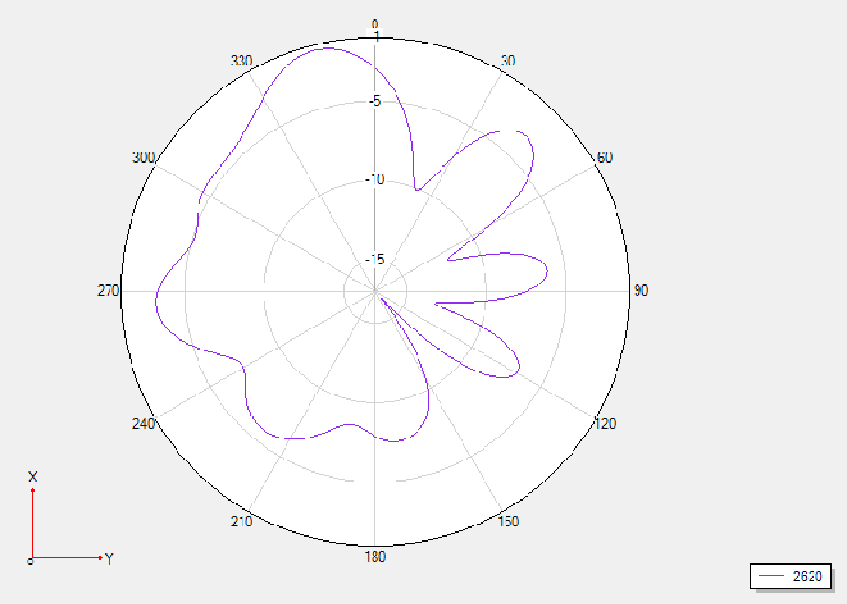

0
30
60
90
120
150
180
210
240
270
300
330
-3
-4
-6
-8
-0
-2
-4
-6
Z
Y
2510


0
30
60
90
120
150
180
210
240
270
300
330
-2
-4
-6
-8
-0
-2
X
Y
2510

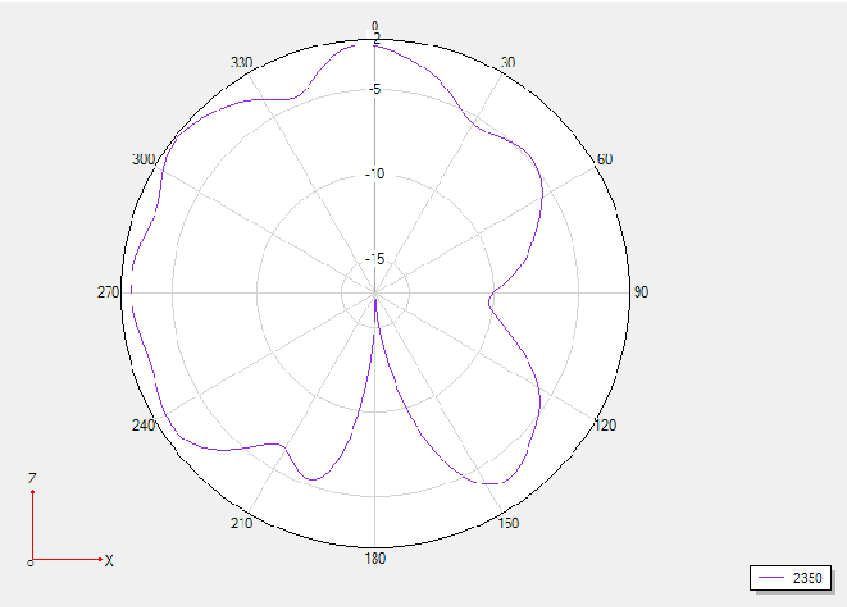
B38/41

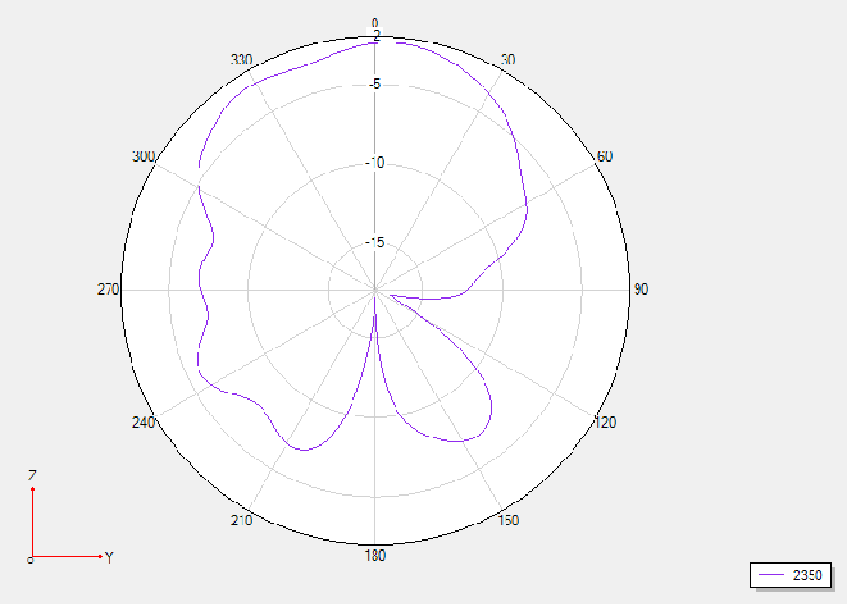

0
30
60
90
120
150
180
210
240
270
300
330
-5
-10
-15
-20
Z
X
2620

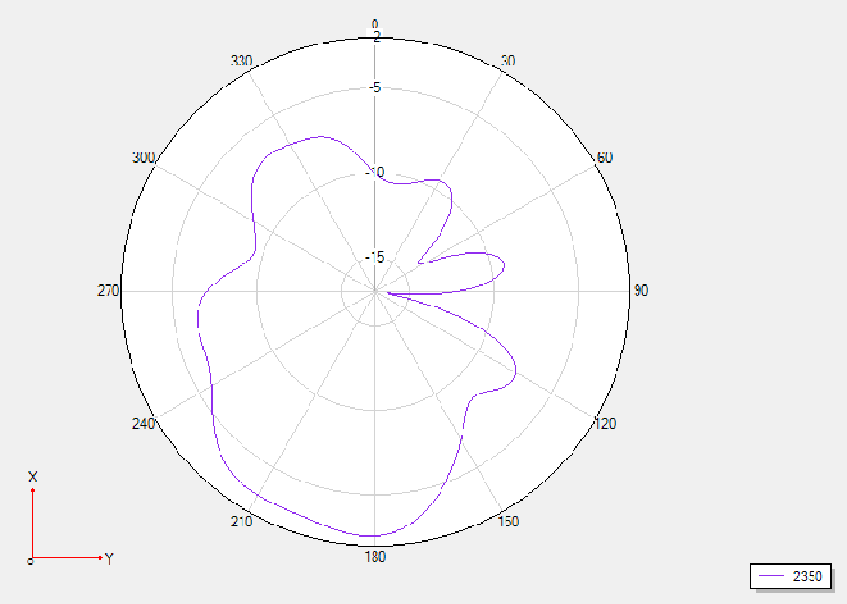

0
30
60
90
120
150
180
210
240
270
300
330
-5
-10
-15
-20
Z
Y
2620


0
30
60
90
120
150
180
210
240
270
300
330
-5
-10
-15
X
Y
2620

B40

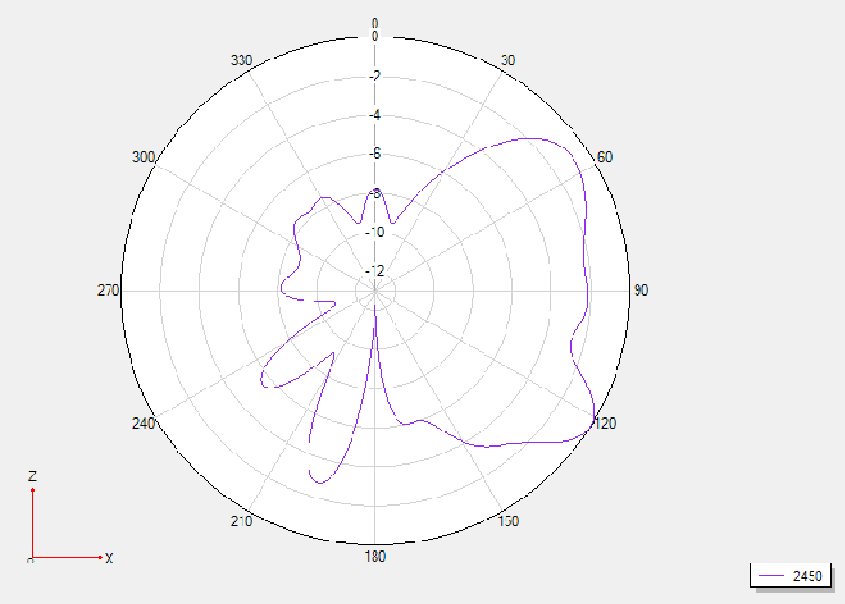

0
30
60
90
120
150
180
210
240
270
300
330
2
-5
-10
-15
Z
X
2350

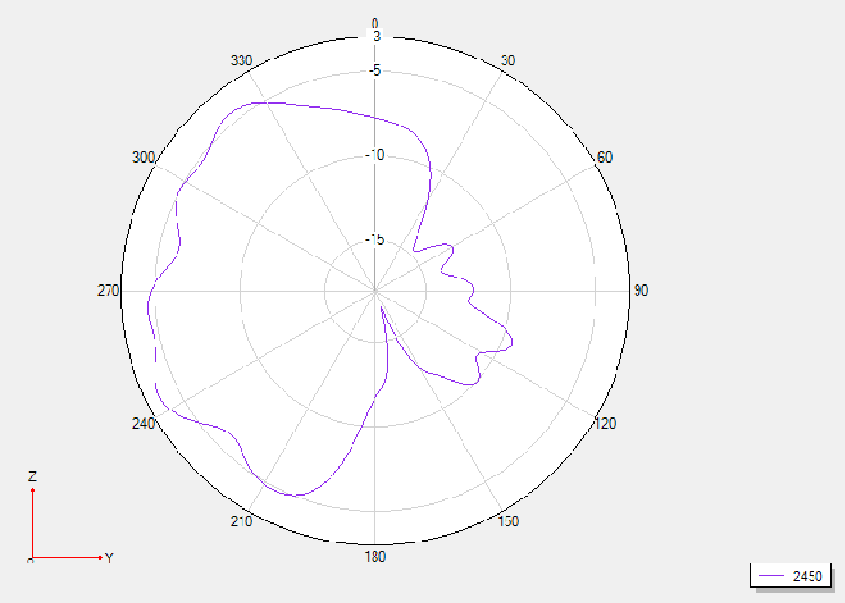

0
30
60
90
120
150
180
210
240
270
300
330
2
-5
-10
-15
Z
Y
2350

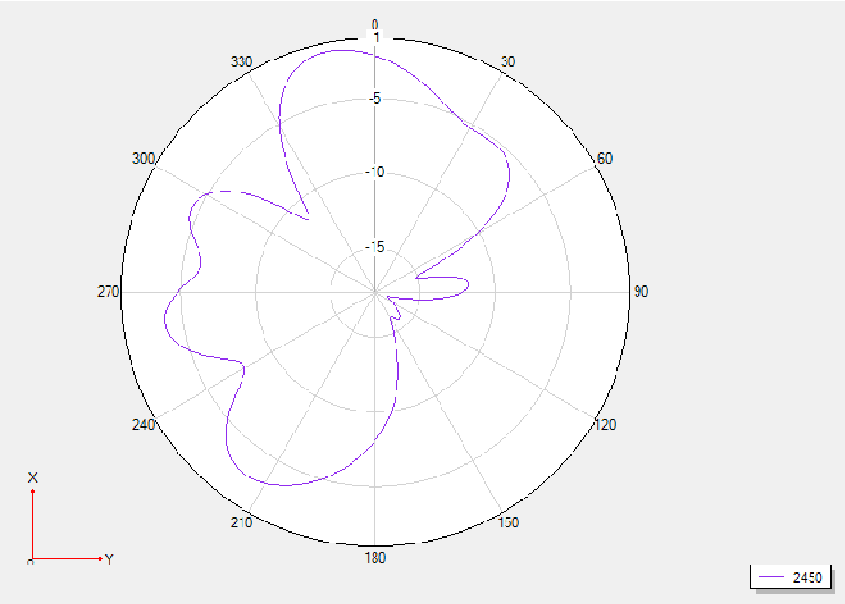

0
30
60
90
120
150
180
210
240
270
300
330
2
-5
-10
-15
X
Y
2350

Three-in-one antenna

BT,WIFI

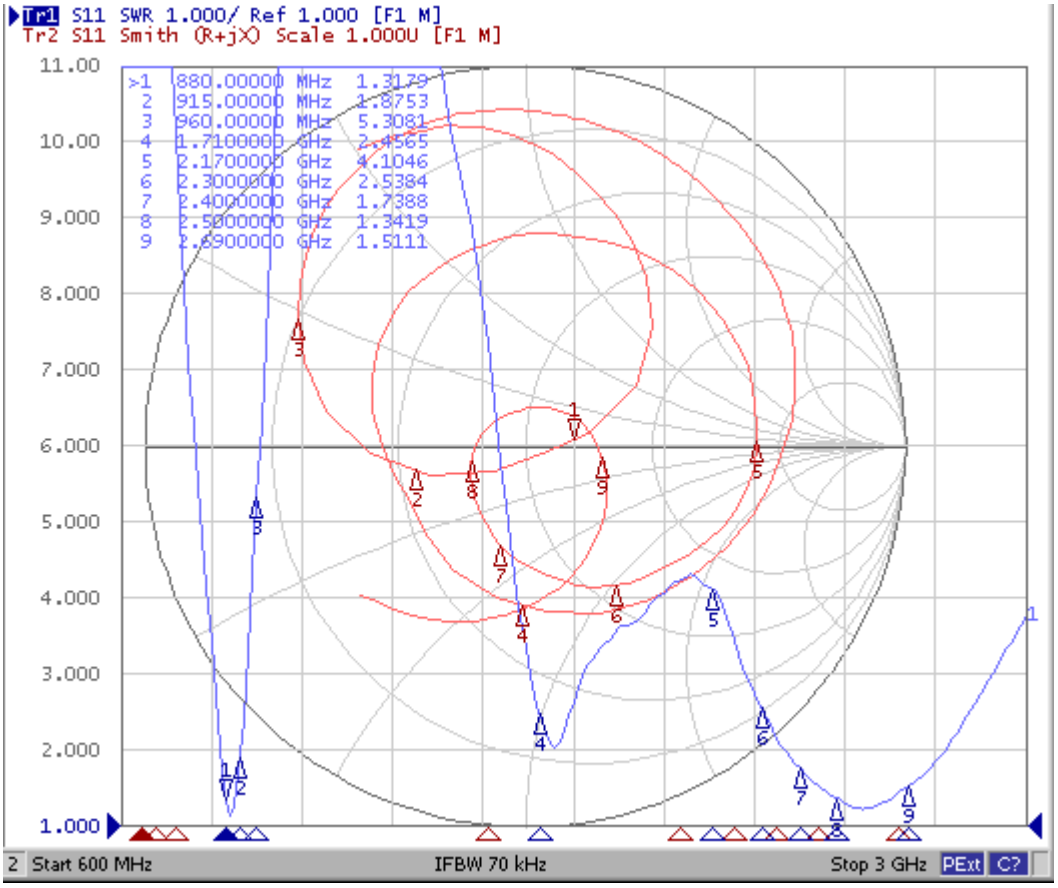
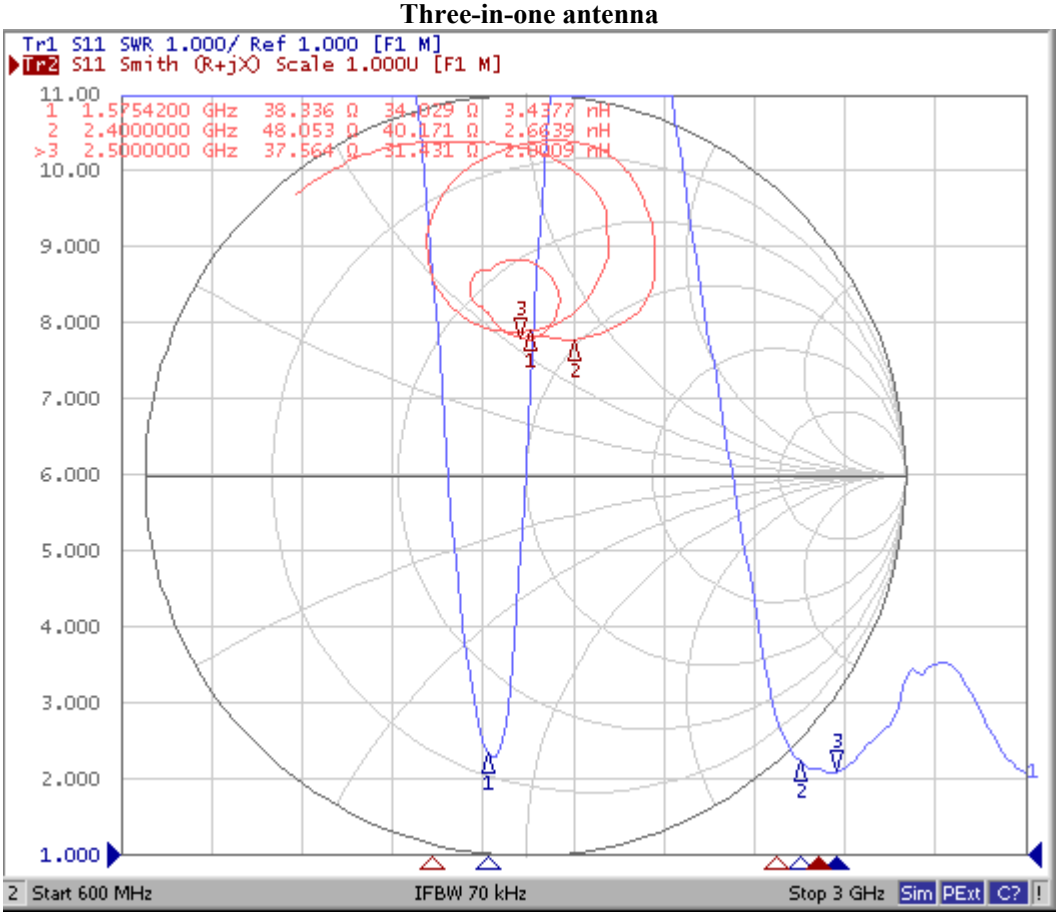






※S11:

Main Antenna



Three-in-one antenna