

Feature

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

Application

D1 配置

- ※ 2G:B1/B3/B5/B8
 - 3G:B2/B4/B5/B8
 - 4G:B2/B4/B5/B7/B26/B28/B38/B66
- communication applications

※Antenna manufacturer

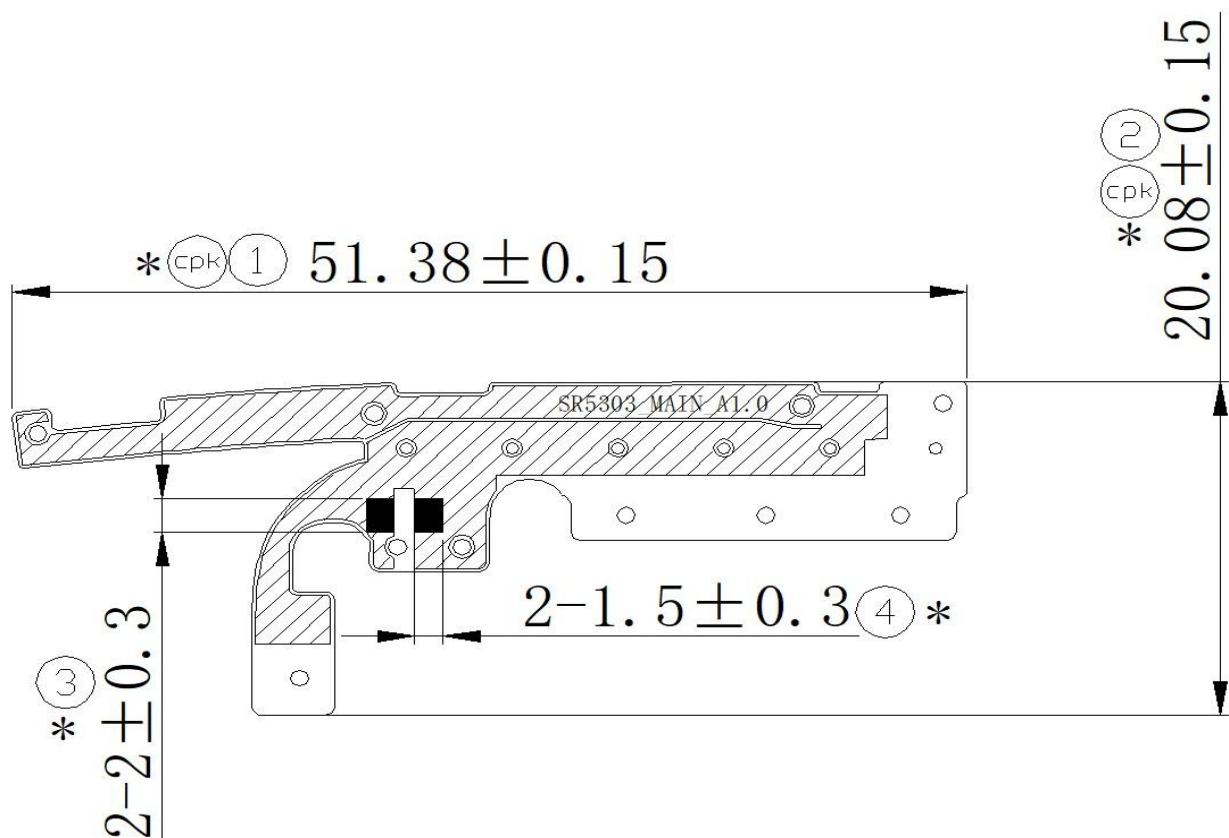
Zhejiang Haitong communications electronic Limited

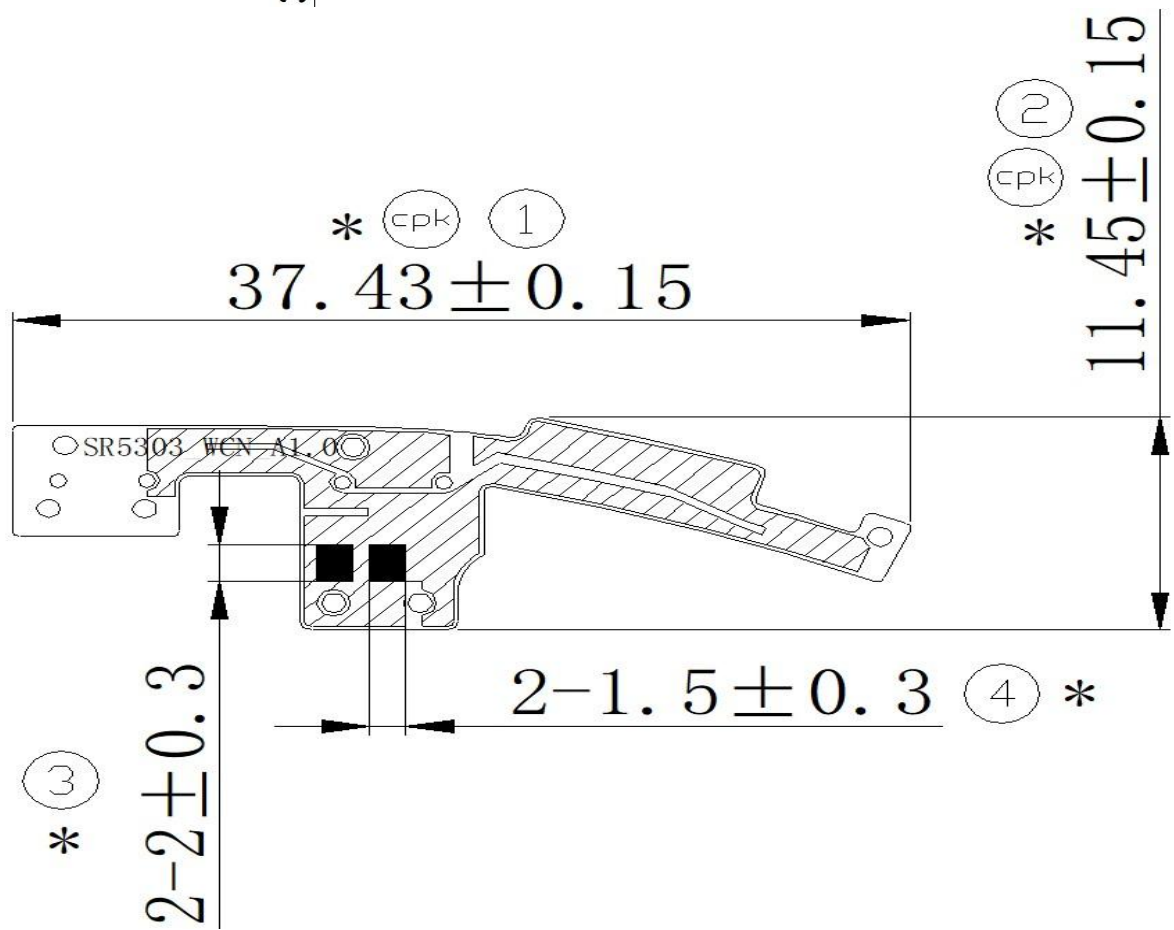
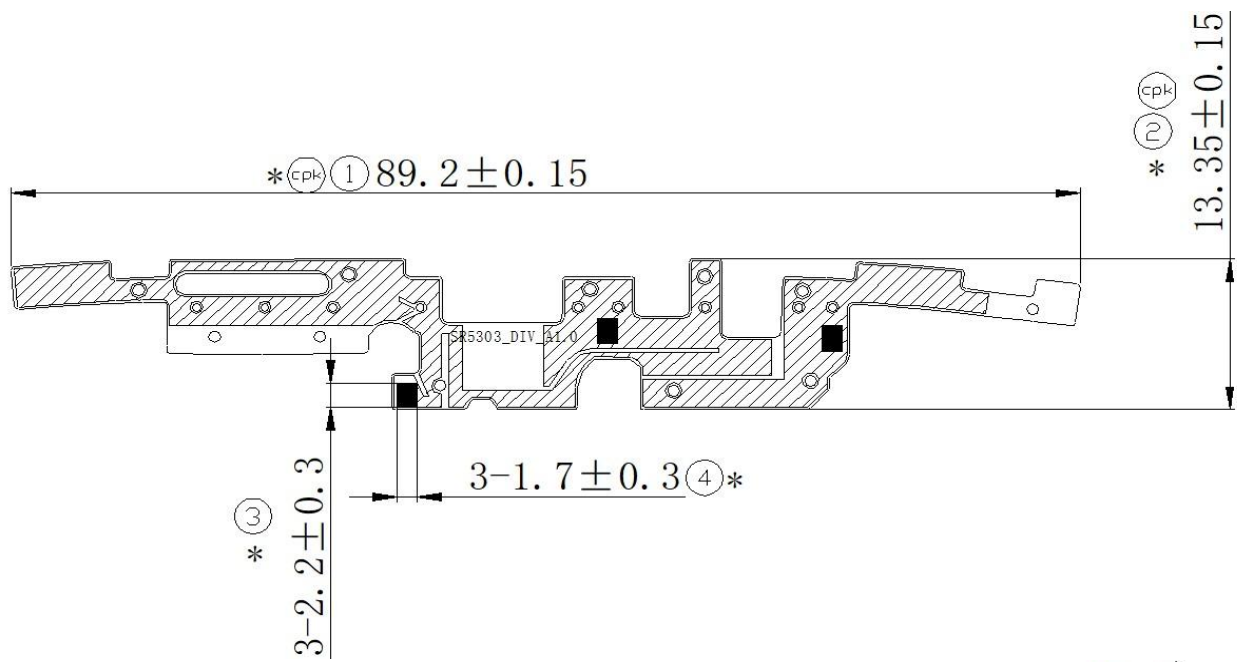
浙江海通通讯电子股份有限公司

Chongqing R&D Center : Room 304, building 27, Xiantao Internation Data Valley, Yubei

District, Chongqing city

※Antenna type





Electric Specifications

TYPE	FPC
Transmitter Frequency	GSM850: 824~849MHz(TX) GSM900: 880-915MHz (TX) DCS1800: 1710-1785MHz (TX) PCS1900:1850-1910MHz (TX) WCDMAband II :1850~1910MHz(TX) WCDMAband IV:1710~1755MHz(TX) WCDMAband V: 824~849MHz(TX) WCDMAband VIII: 880~915MHz(TX) LTE B2: 1850~1910MHz(TX) LTE B4: 1710~1755MHz(TX) LTE B5: 824~849MHzMHz(TX) LTE B7: 2500~2570MHz(TX) LTE B26: 814~849MHz(TX) LTE B28AB: 703~748MHz(TX) LTE B38: 2570~2620MHz(TX) LTE B66: 1710~1780MHz(TX) WIFI:2412 -2472 MHz GPS:1575.42MHz
Receiver Frequency	GSM850: 869-894MHz (RX) GSM900: 925-960MHz (RX) DCS1800: 1805-1880MHz (RX) PCS1900:1930-1990MHz (RX) WCDMAband II :1930~1990MHz(RX) WCDMAband IV:2110~2155MHz(RX) WCDMAband V: 869~894MHz(RX) WCDMAband VIII: 925~960MHz(RX) LTE B2: 1930~1990MHz(RX) LTE B4: 2110~2155MHz(RX) LTE B5: 869~894MHzMHz(RX) LTE B7: 2620~2690MHz(RX) LTE B26: 859~894MHz(RX) LTE B28AB: 758~803MHz(RX) LTE B38: 2570~2620MHz(RX) LTE B66: 2110~2200MHz(RX)
RF-Output Power (E.I.R.P)	GSM850: 33+/-2dBm GSM900: 33+/-2dBm DCS1800:30+/-2dBm PCS1900:30+/-2dBm WCDMA 850: 22.5+/-2dBm WCDMA 900: 22.5+/-2dBm WCDMA 1800: 22.5+/-2dBm WCDMA 1900: 22.5+/-2dBm

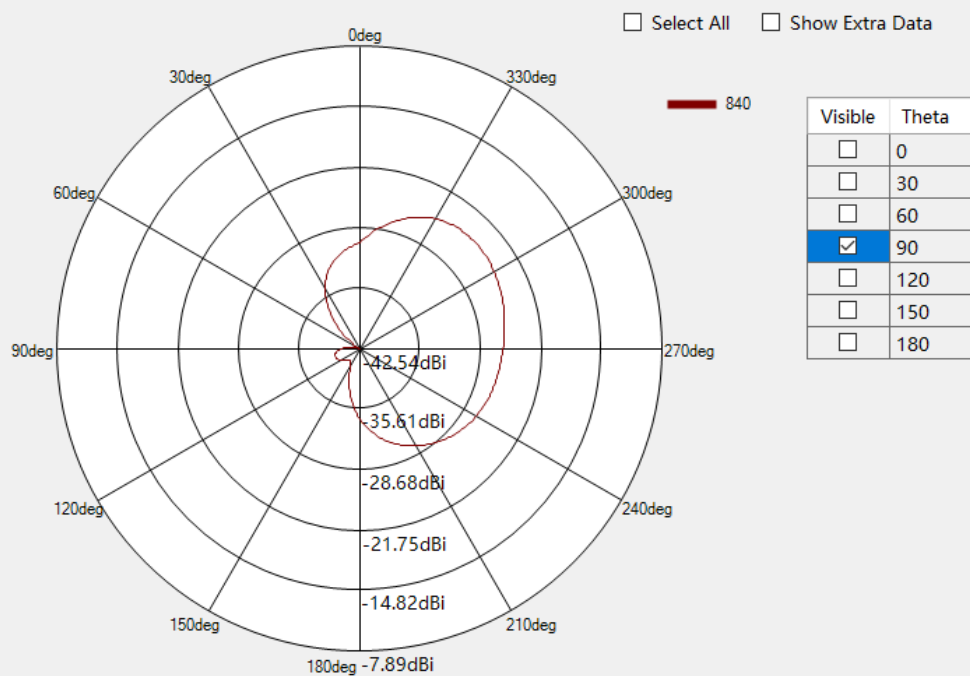
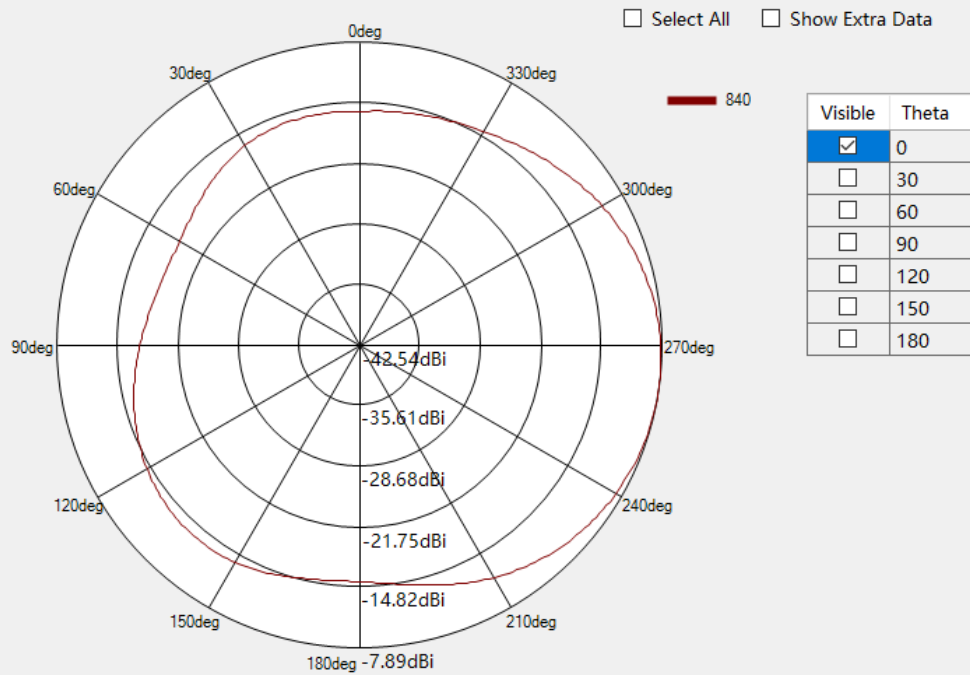
	LTE B2:22+/-2dBm LTE B4:22+/-2dBm LTE B5:22+/-2dBm LTE B7:22+/-2dBm LTE B26:22+/-2dBm LTE B28AB:22+/-2dBm LTE B38:22+/-2dBm LTE B66:22+/-2dBm
Antenna Gain(Main)	GSM850: -6.24 dBi GSM900: -5.21dBi DCS1800: -1.8dBi PCS1900: -2.42dBi WCDMA2: -2.42dBi WCDMA4: -1.8dBi WCDMA5: -6.24dBi WCDMA8: -5.21dBi LTE B2: -2.42 dBi LTE B4: -1.8 dBi LTE B5: -6.24 dBi LTE B7: -3.49 dBi LTE B26: -6.24 dBi LTE B28: -7.21 dBi LTE B38: -1.18 dBi LTE B66: -1.8 dBi WIFI: -3.2 dBi GPS: -1.69 dBi
Antenna Gain(Div)	GSM850: -6.77 dBi GSM900: -7.25dBi DCS1800: -2.41dBi PCS1900: -2.89dBi WCDMA2: -2.89dBi WCDMA4: -2.41 dBi WCDMA5: -6.77dBi WCDMA8: -7.25 dBi LTE B2: -2.89 dBi LTE B4: -2.41 dBi LTE B5: -6.77 dBi LTE B7: -2.8 dBi LTE B26: -6.77 dBi LTE B28: -9.56 dBi LTE B38: -1.93 dBi LTE B66: -2.41 dBi
Power of antenna:	GSM850: 24.6dBm GSM900: 25.3dBm DCS1800: 25.5dBm PCS1800: 25.7dBm WCDMA 2: 19.1dBm WCDMA 4: 17.6dBm WCDMA 5: 15.2dBm WCDMA 8: 15.6dBm LTE B2: 19.2dBm LTE B4: 18.2dBm

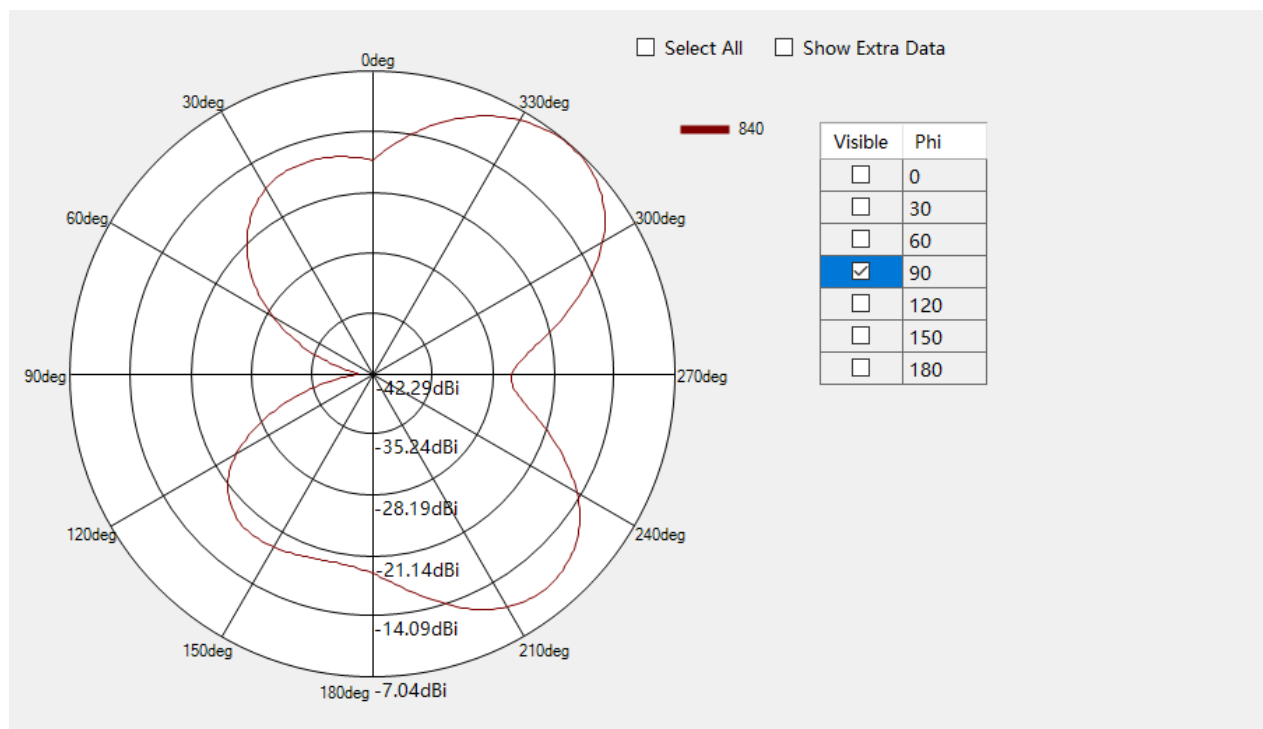
	LTE B5: 15.2dBm LTE B7: 18.1dBm LTE B26: 15dBm LTE B28: 14.3dBm LTE B38: 18.4dBm LTE B66: 18.1dBm WIFI-11n: 11.2dBm GPS:-152.8
Type of Modulation	GMSK/8PSK/QPSK/16QAM/64QAM/GFSK, $\pi/4$ - DQPSK,8DPSK

※ Antenna Gain

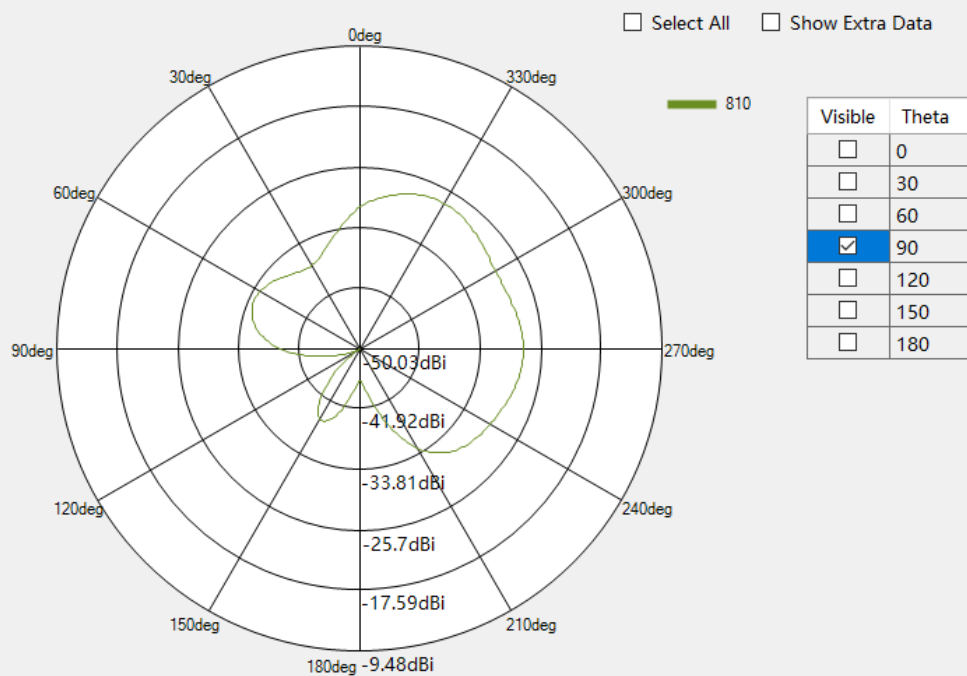
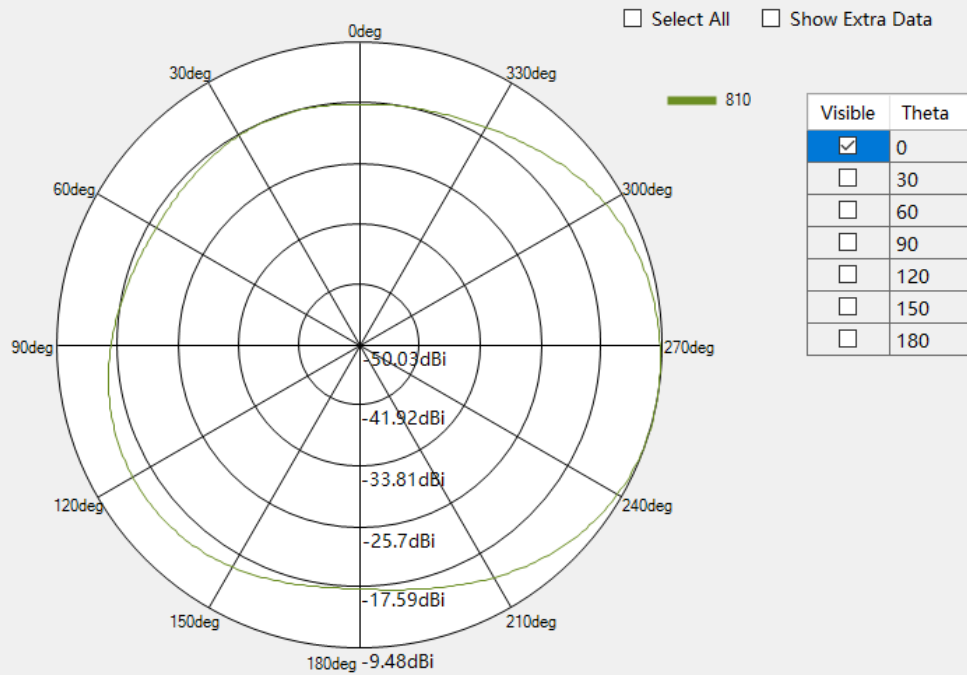
Main Antenna

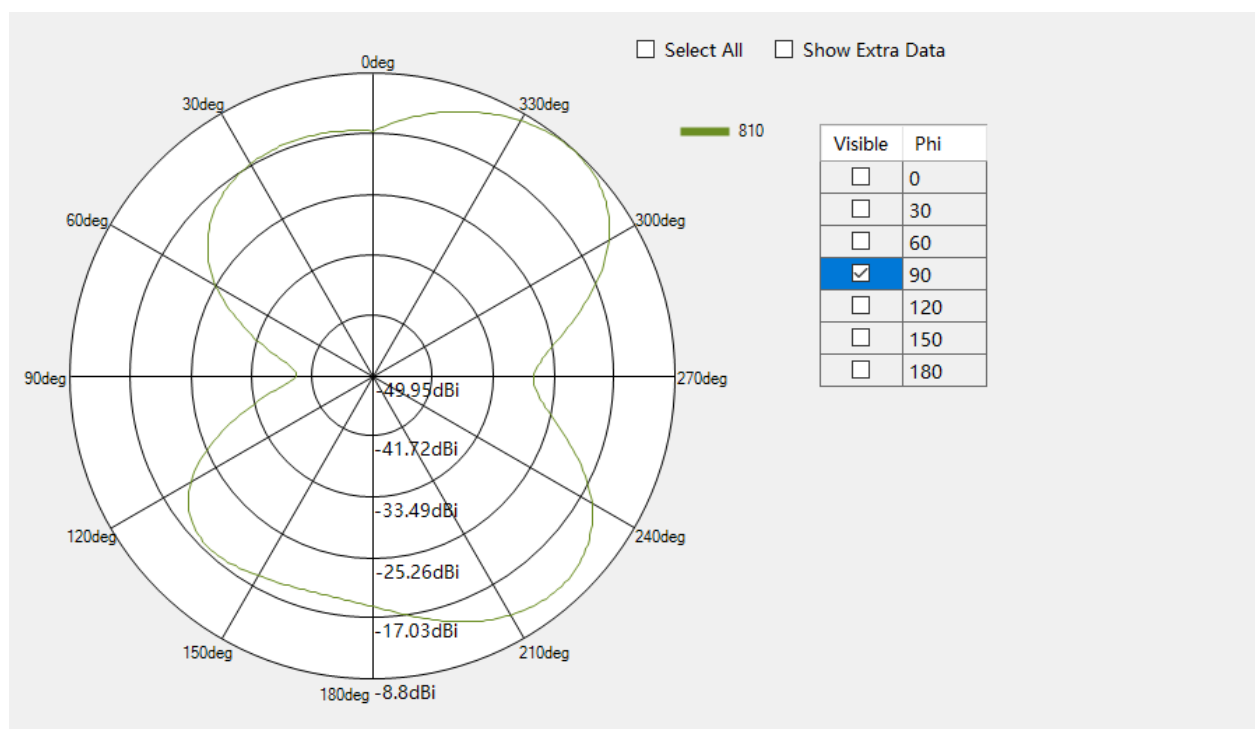
GSM850/W5/B5/ B26



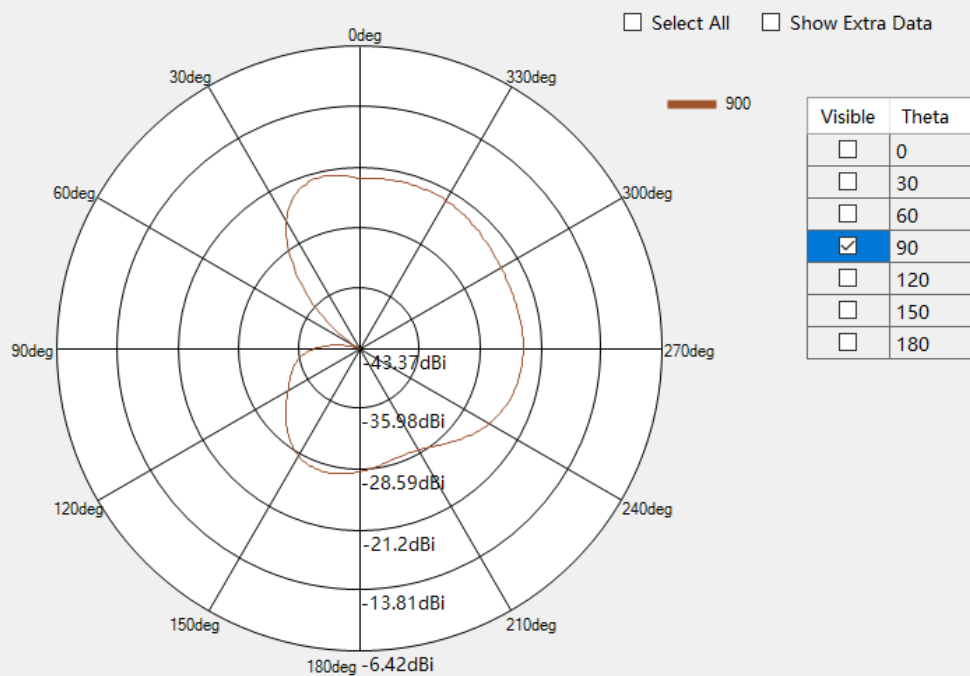
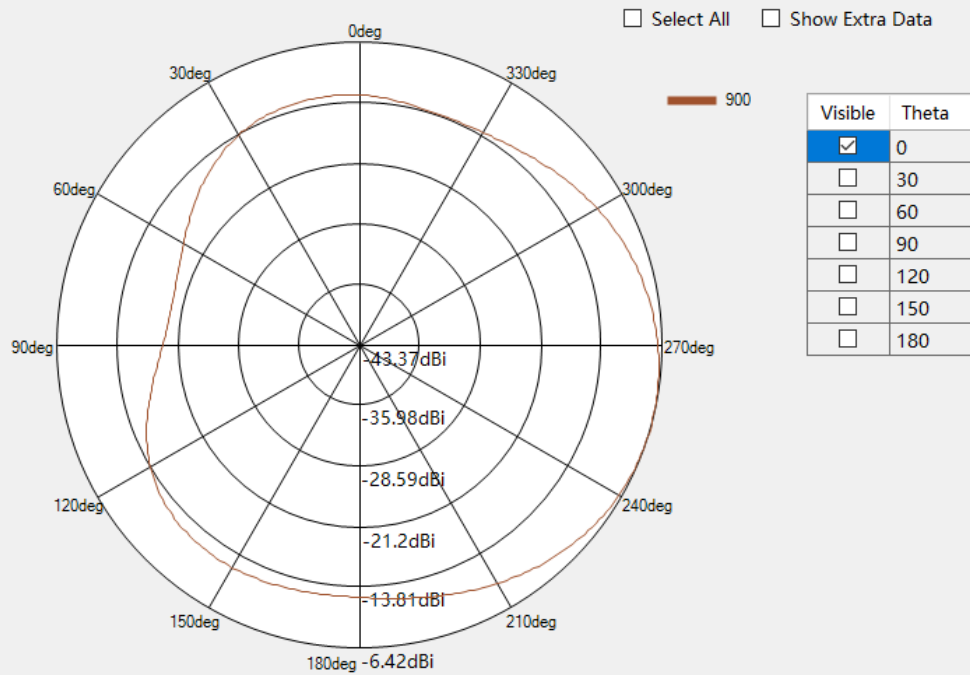


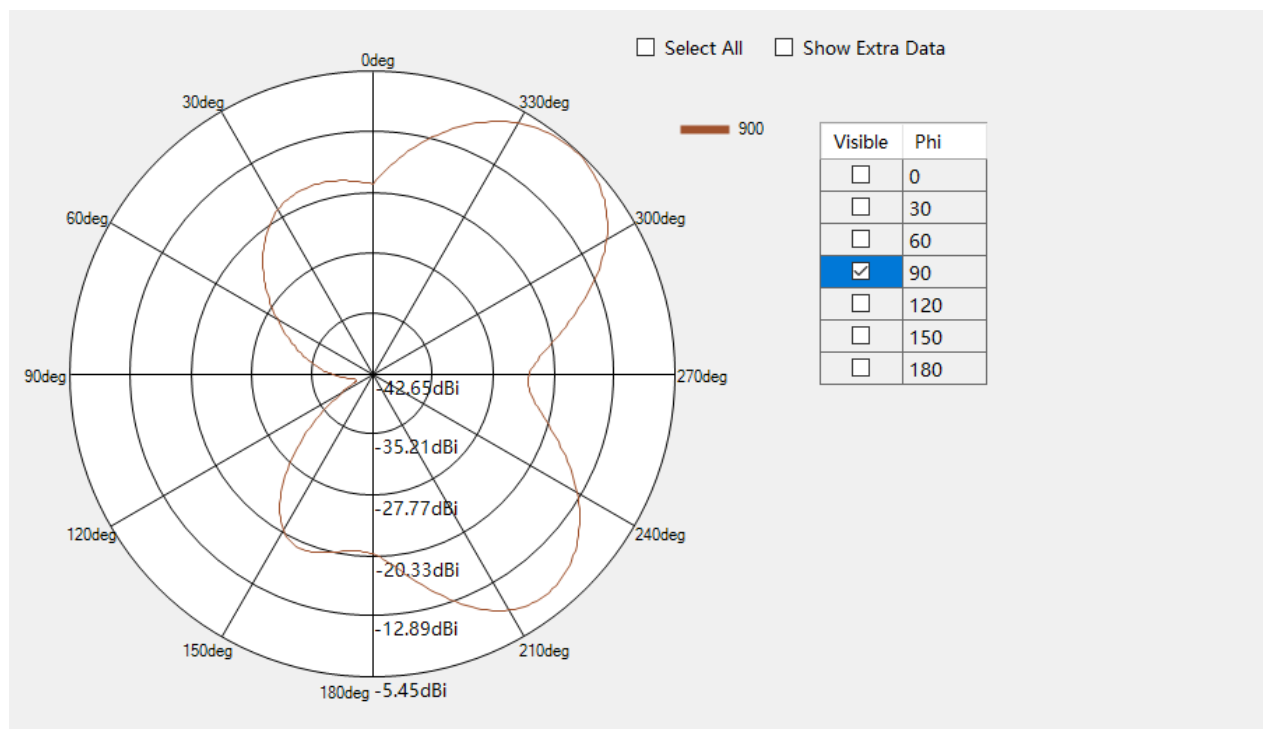
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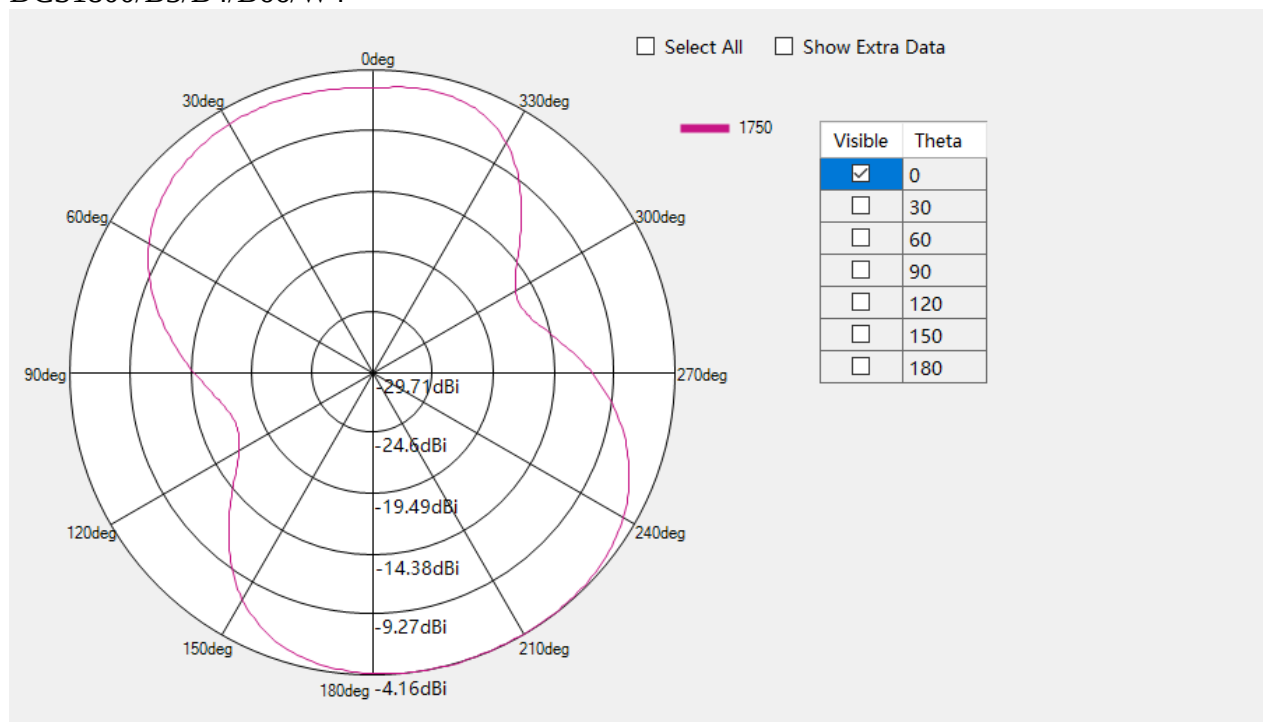


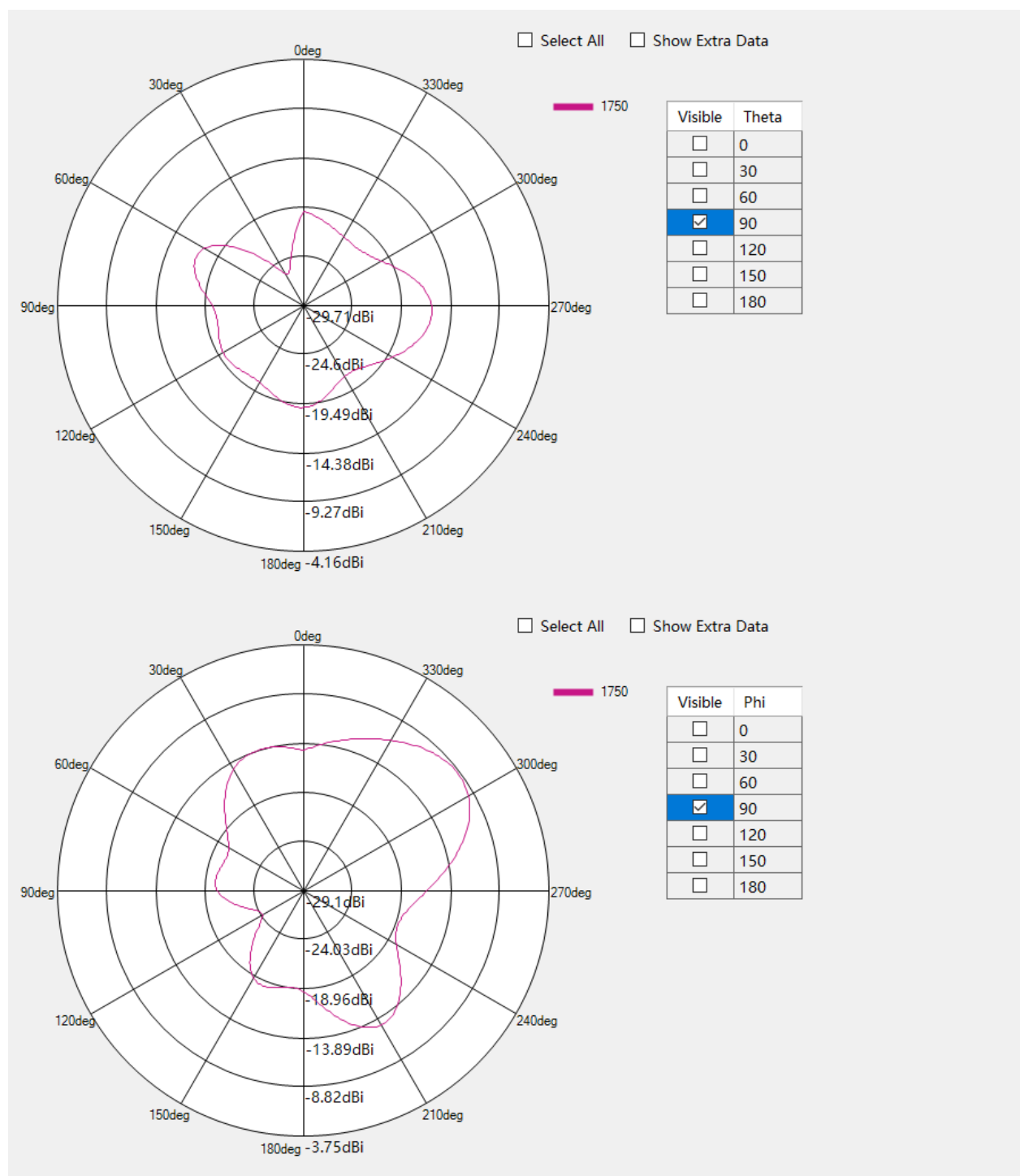
GSM900/W8/B8



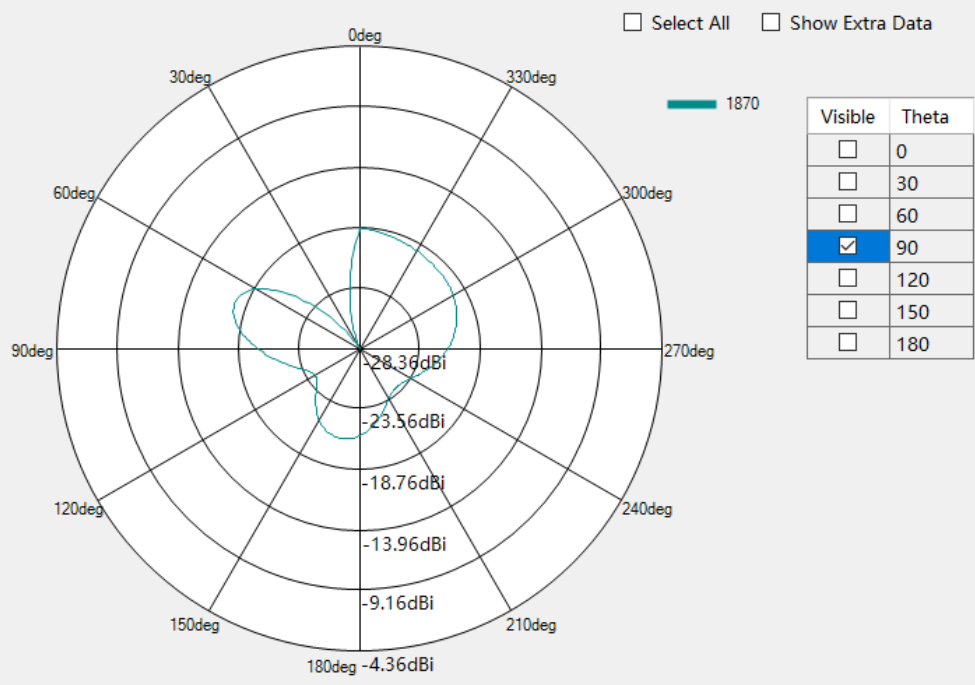
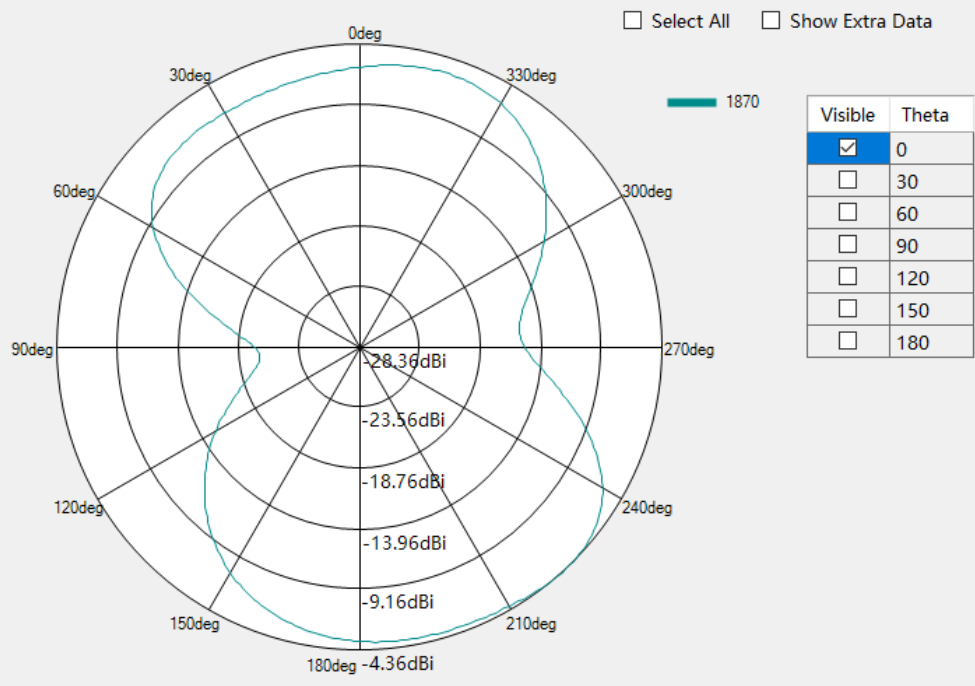


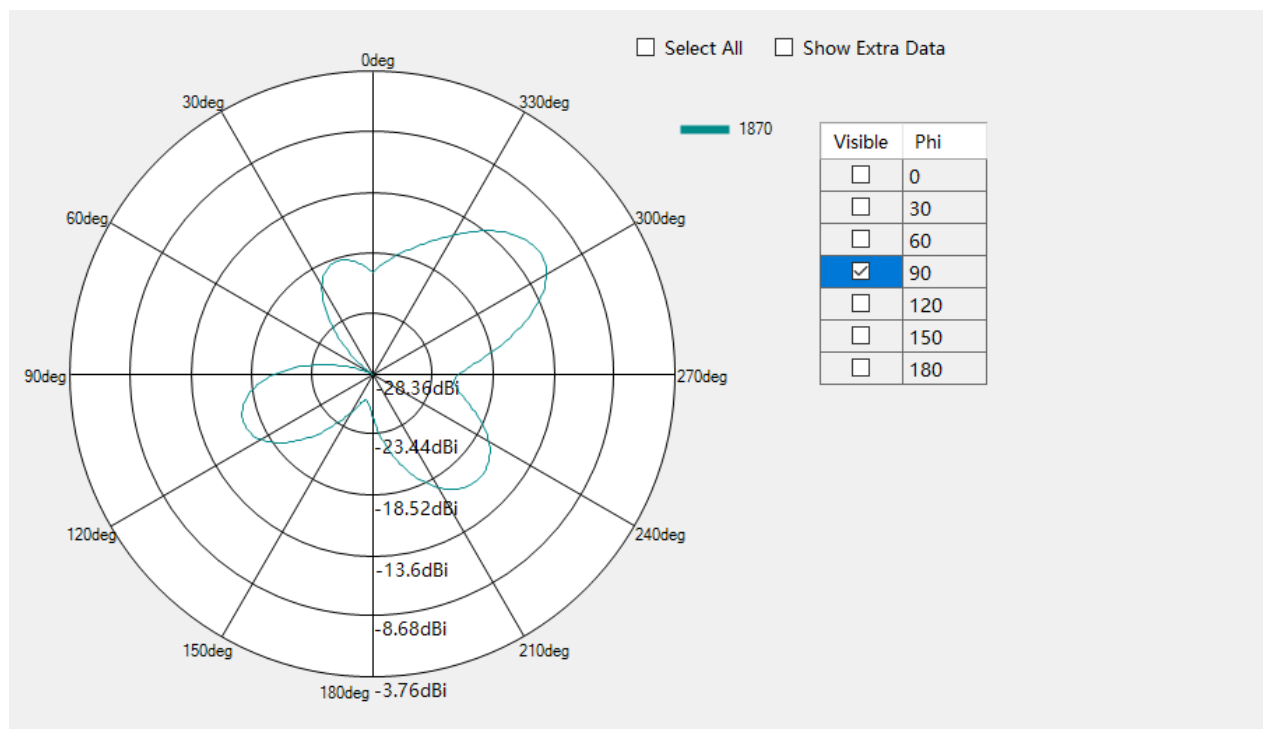
DCS1800/B3/B4/B66/W4



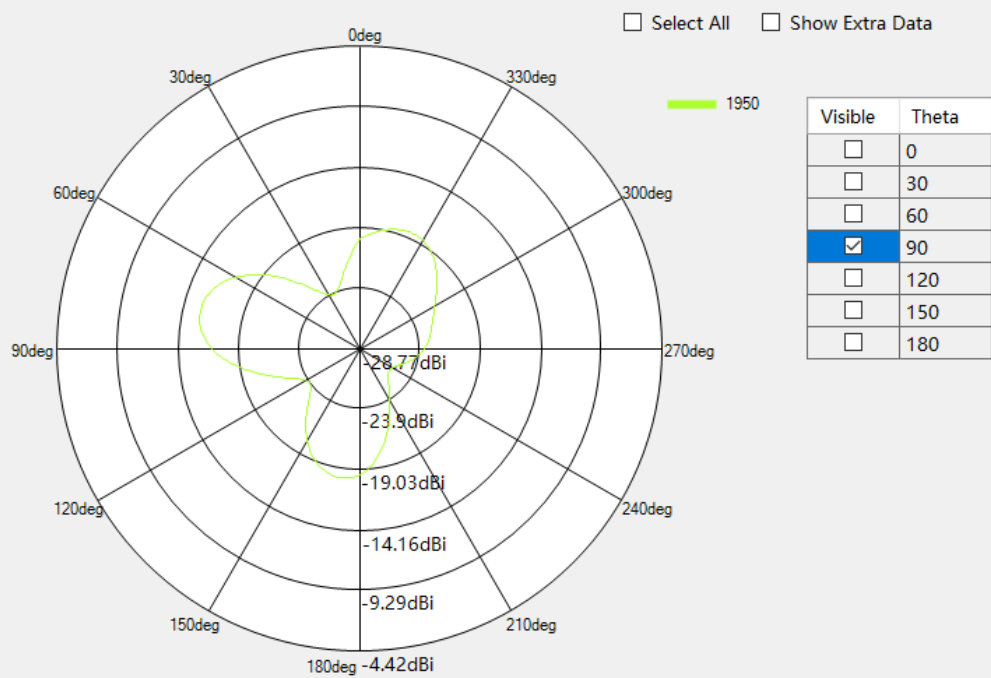
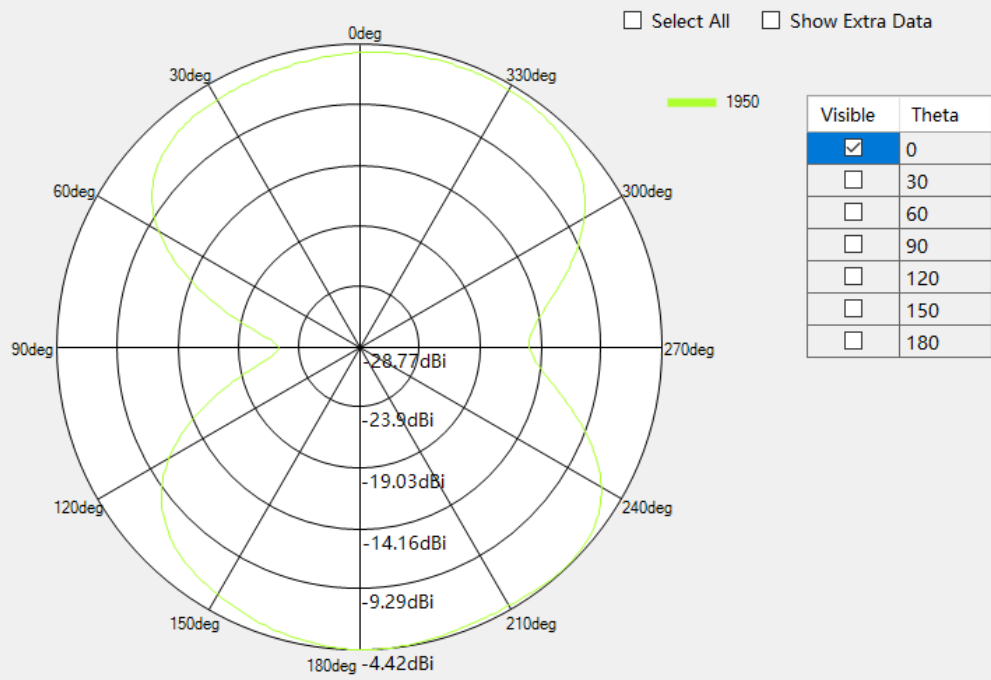


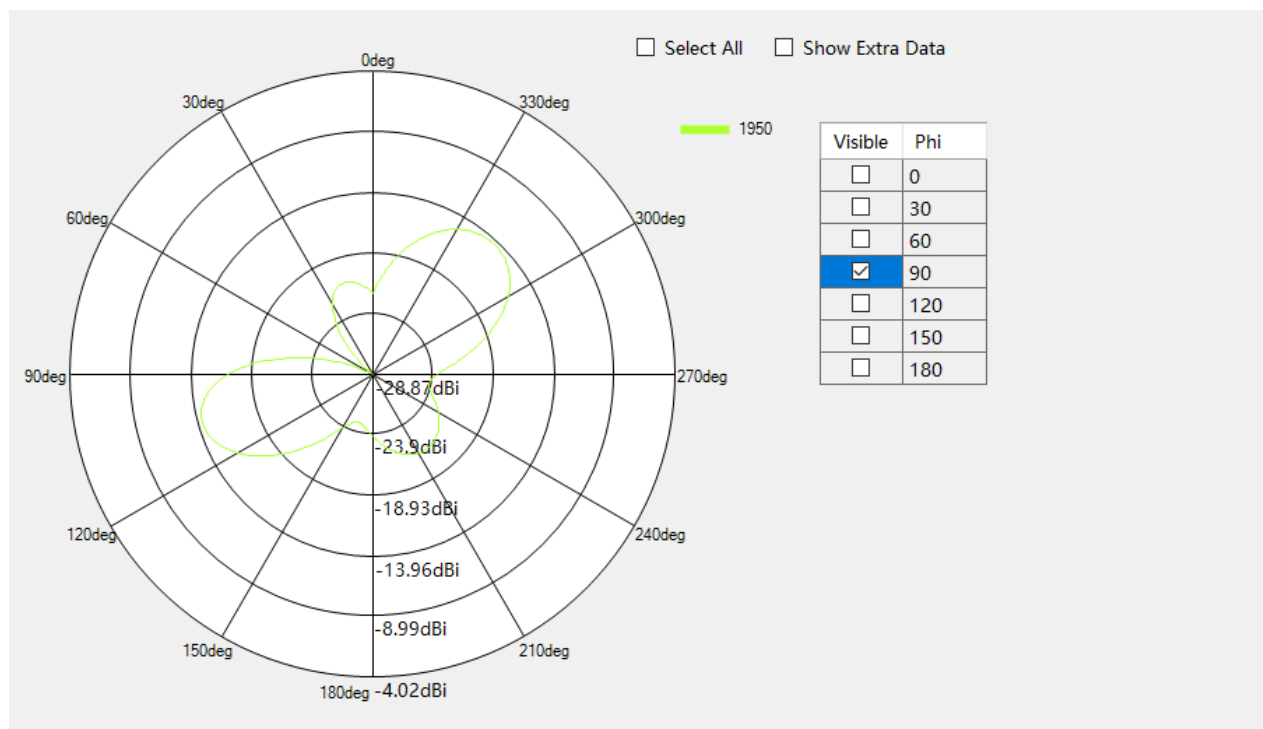
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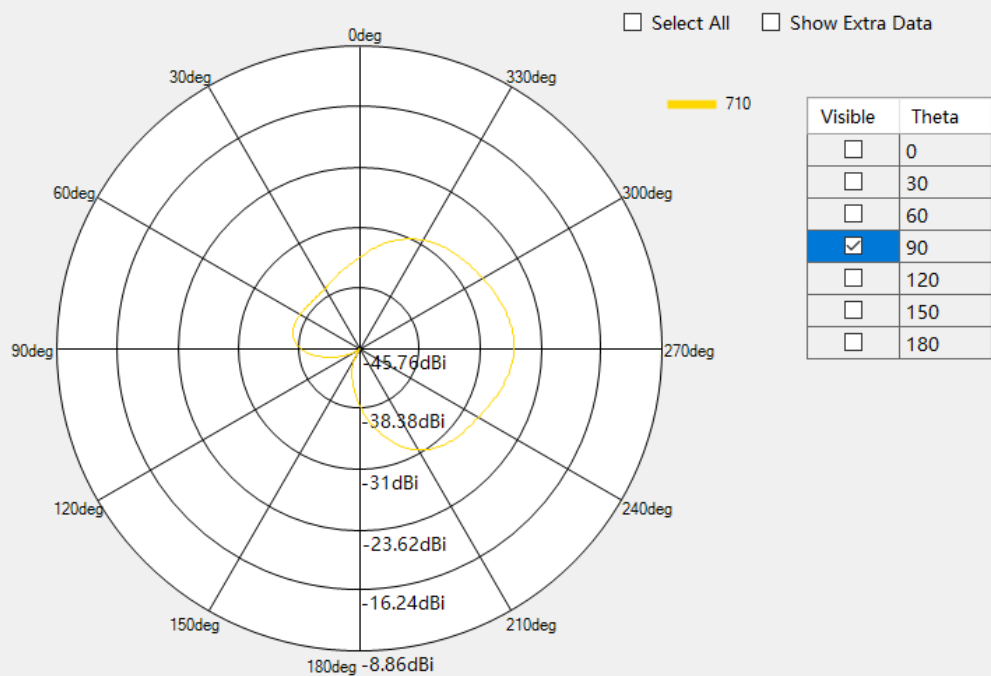
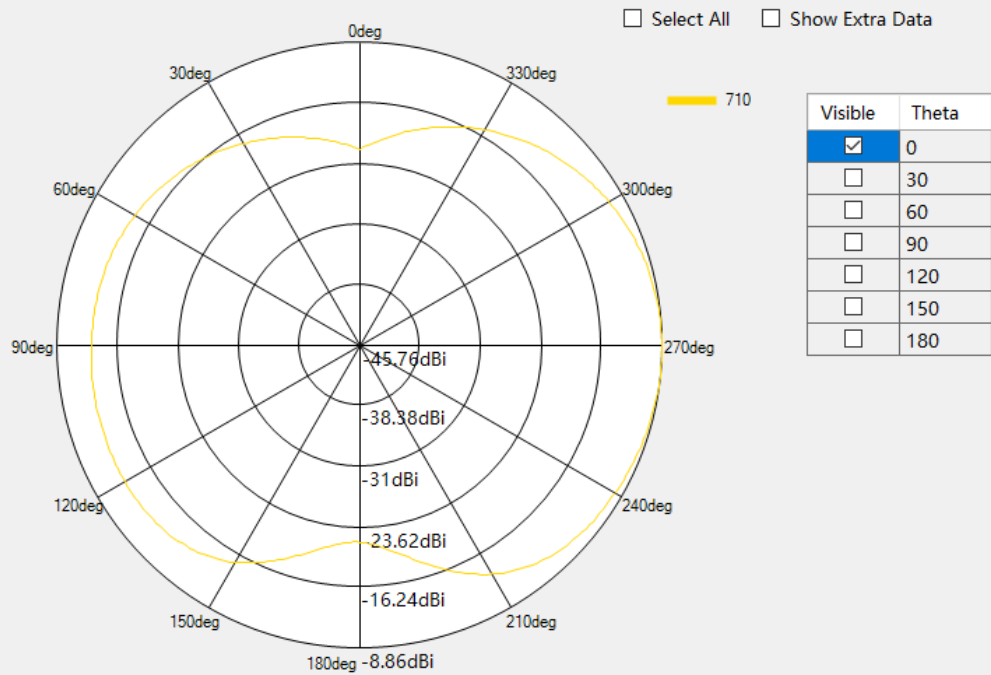


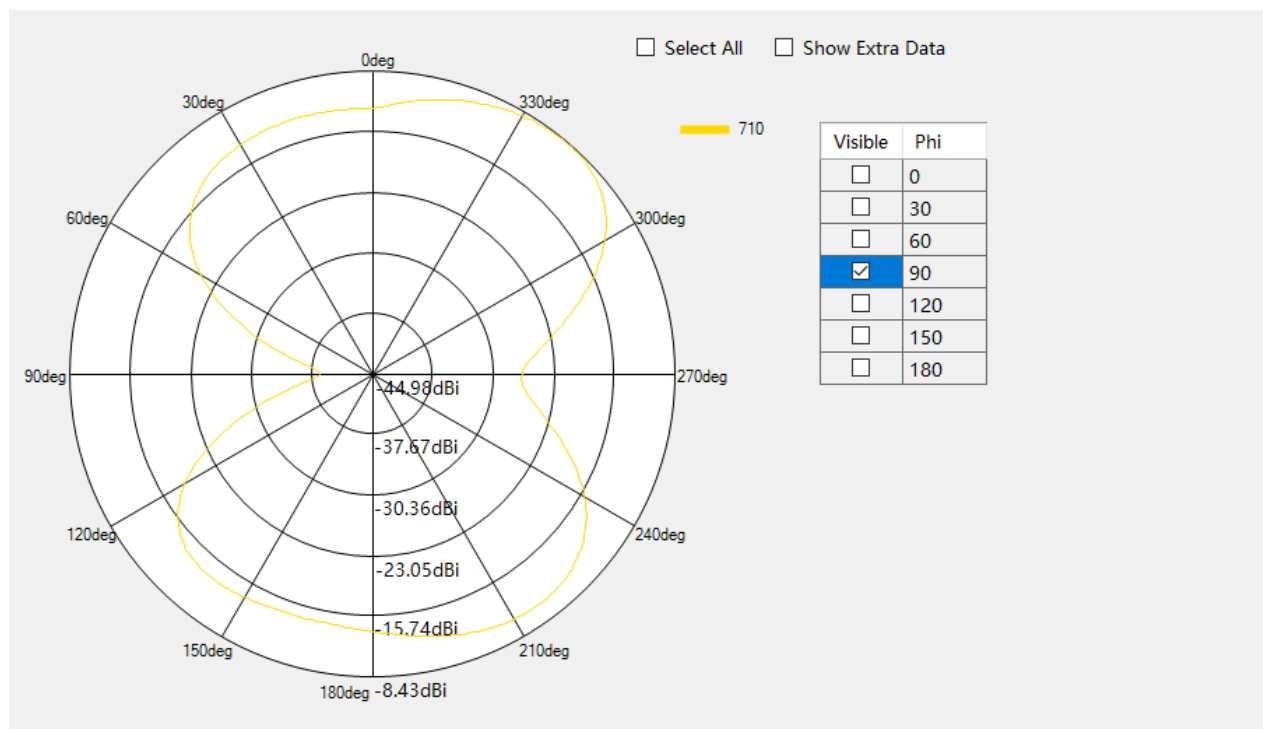
W1//B1



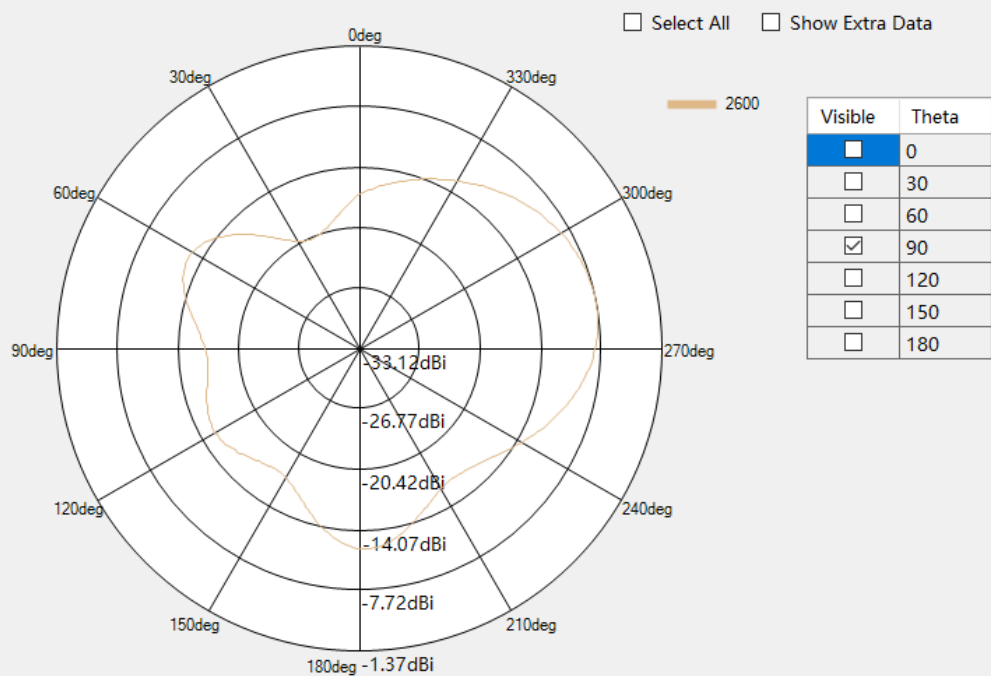
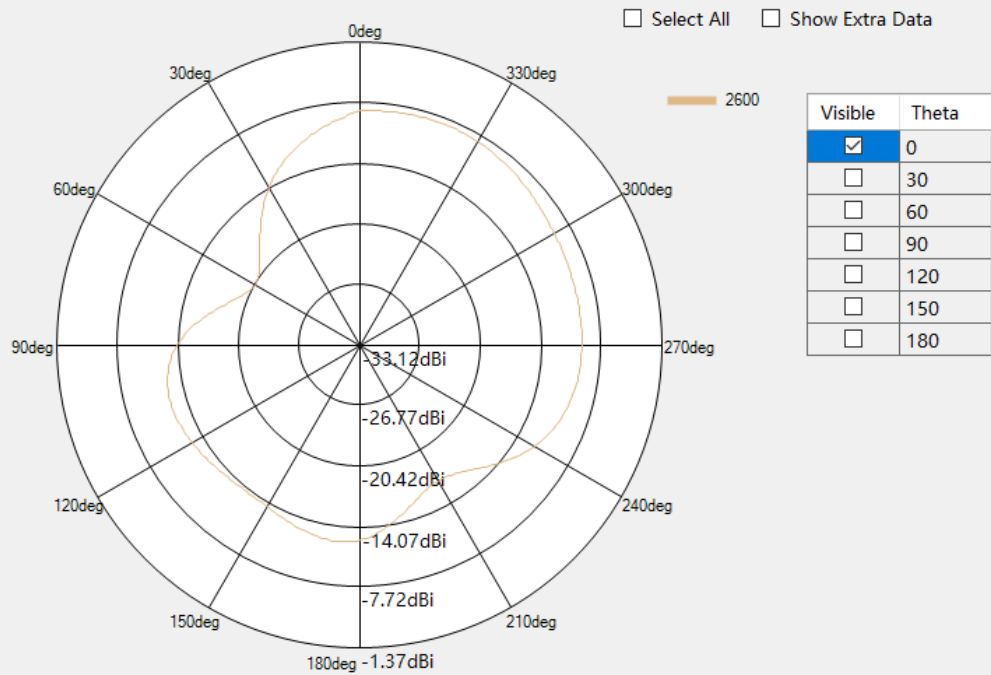


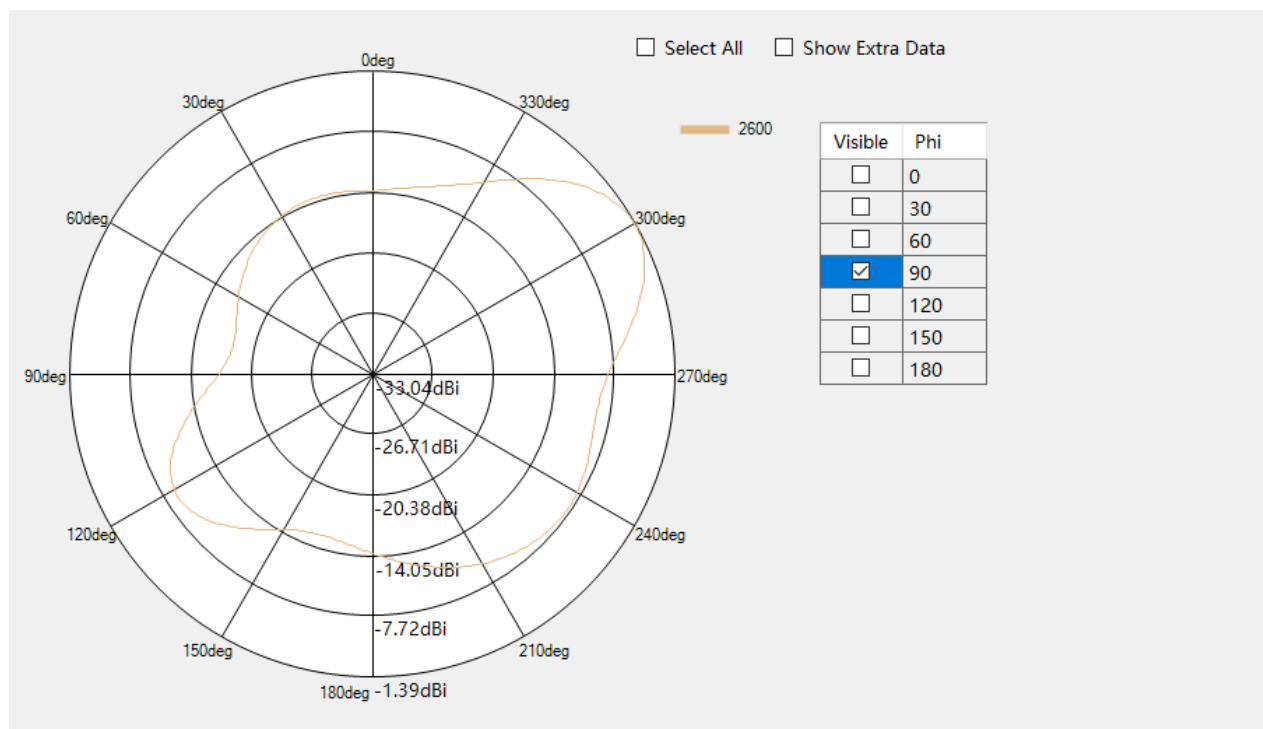
B12/B17/B28



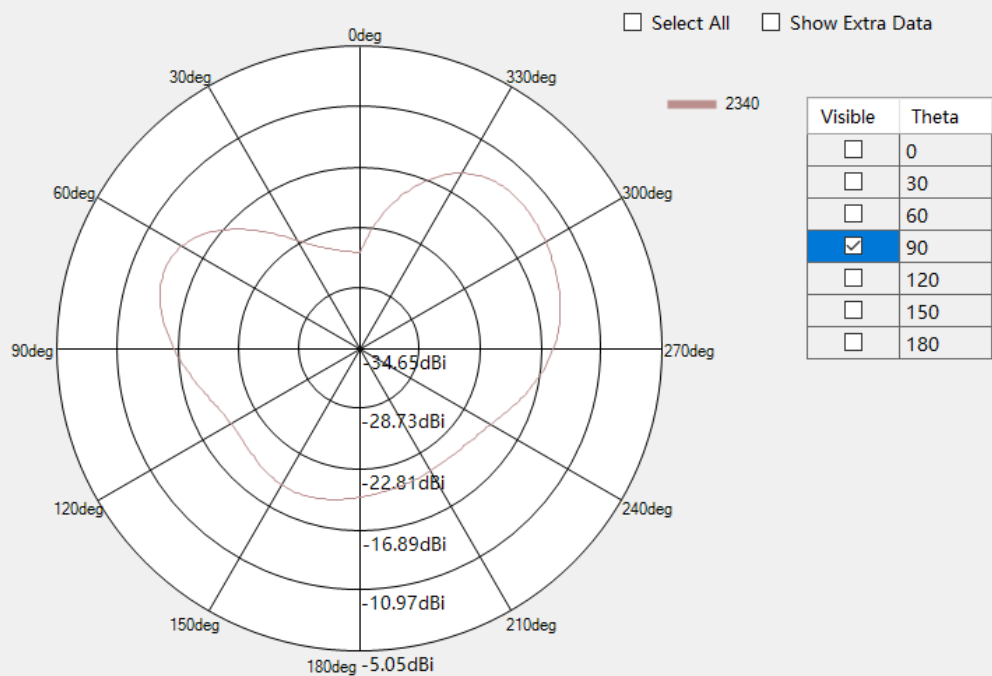
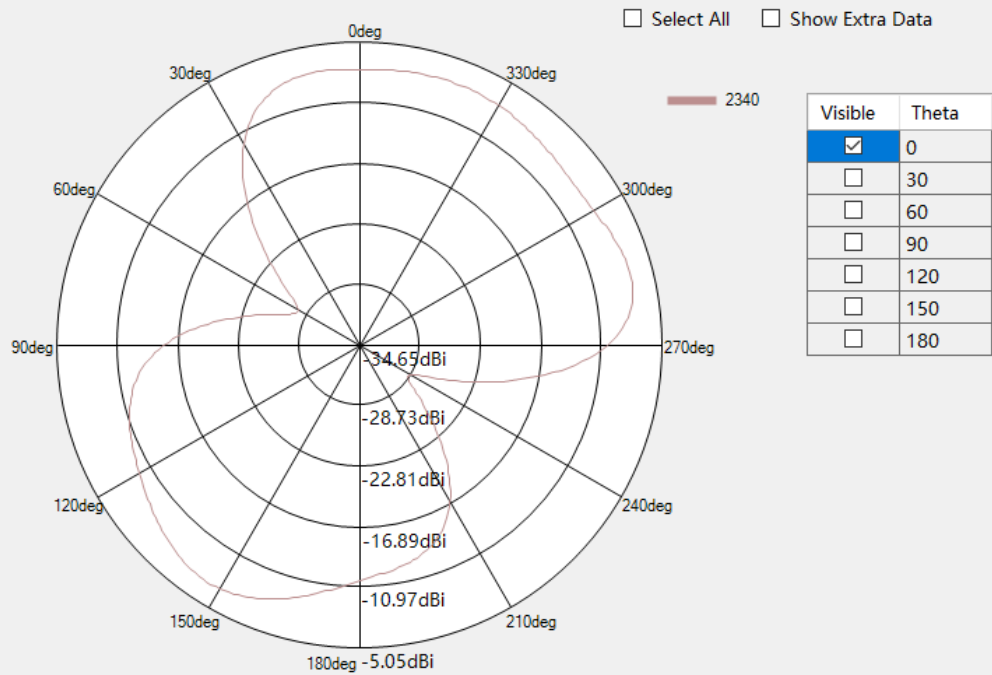


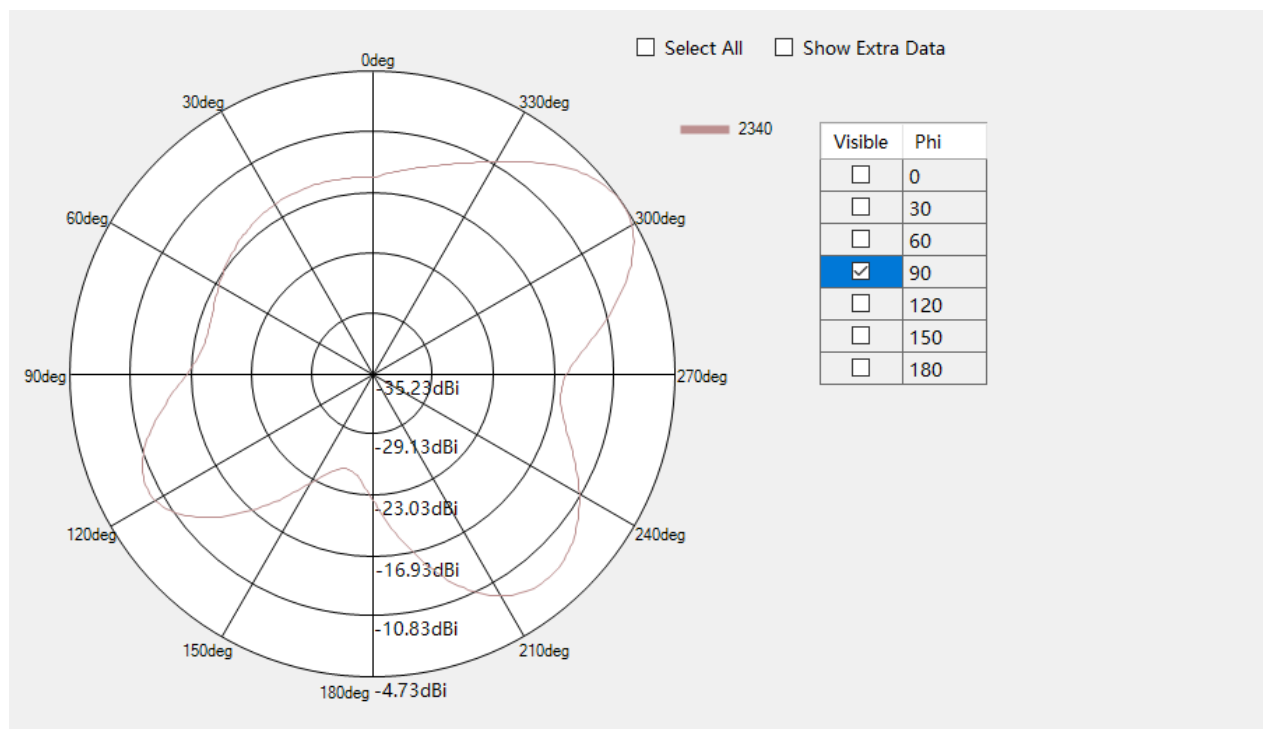
B7/B38/B41





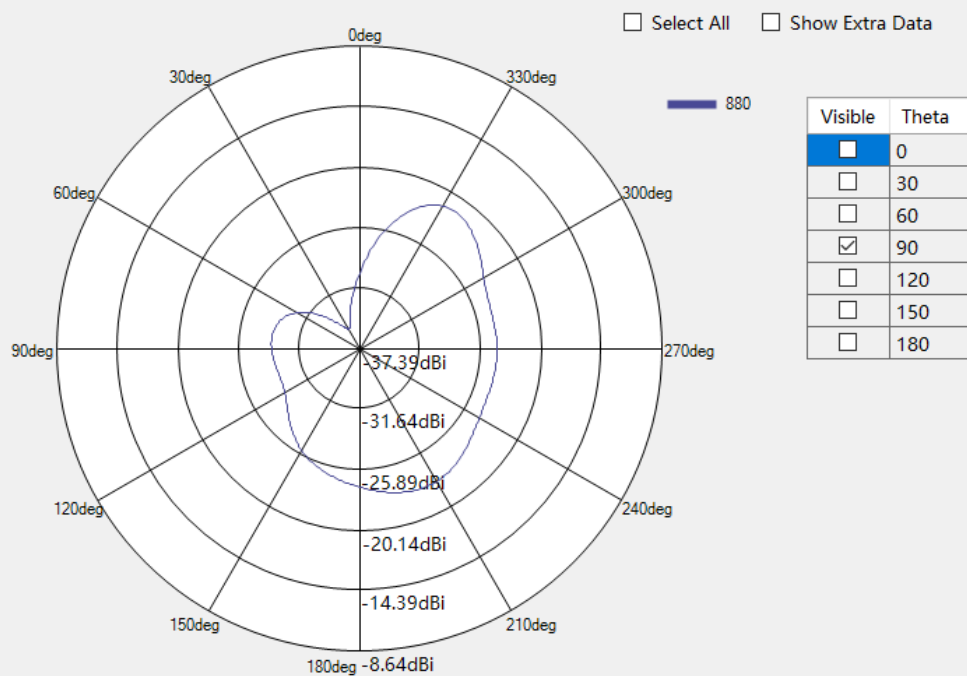
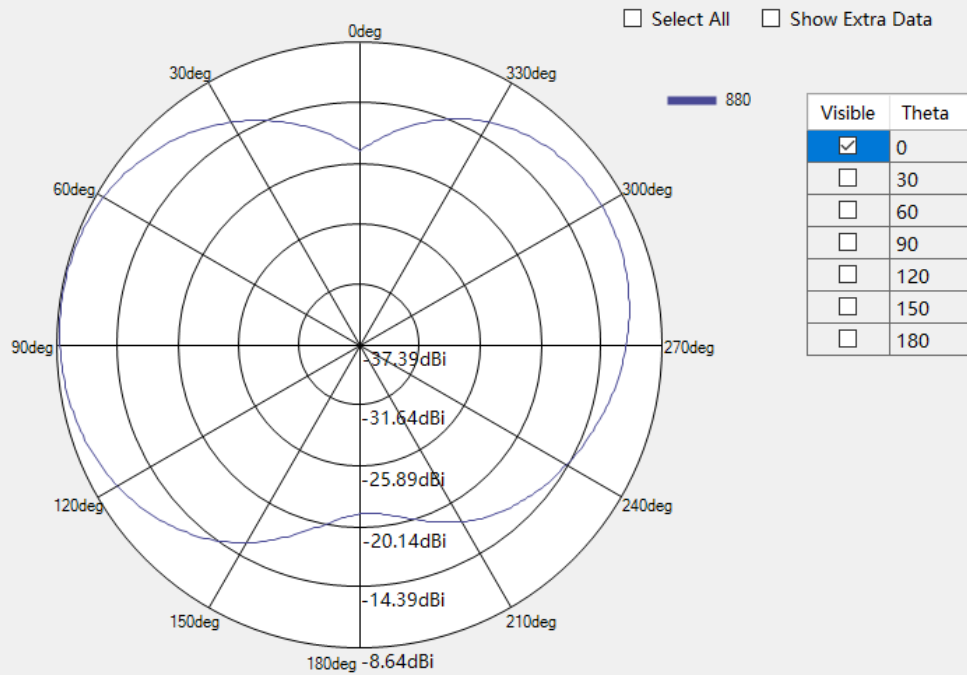
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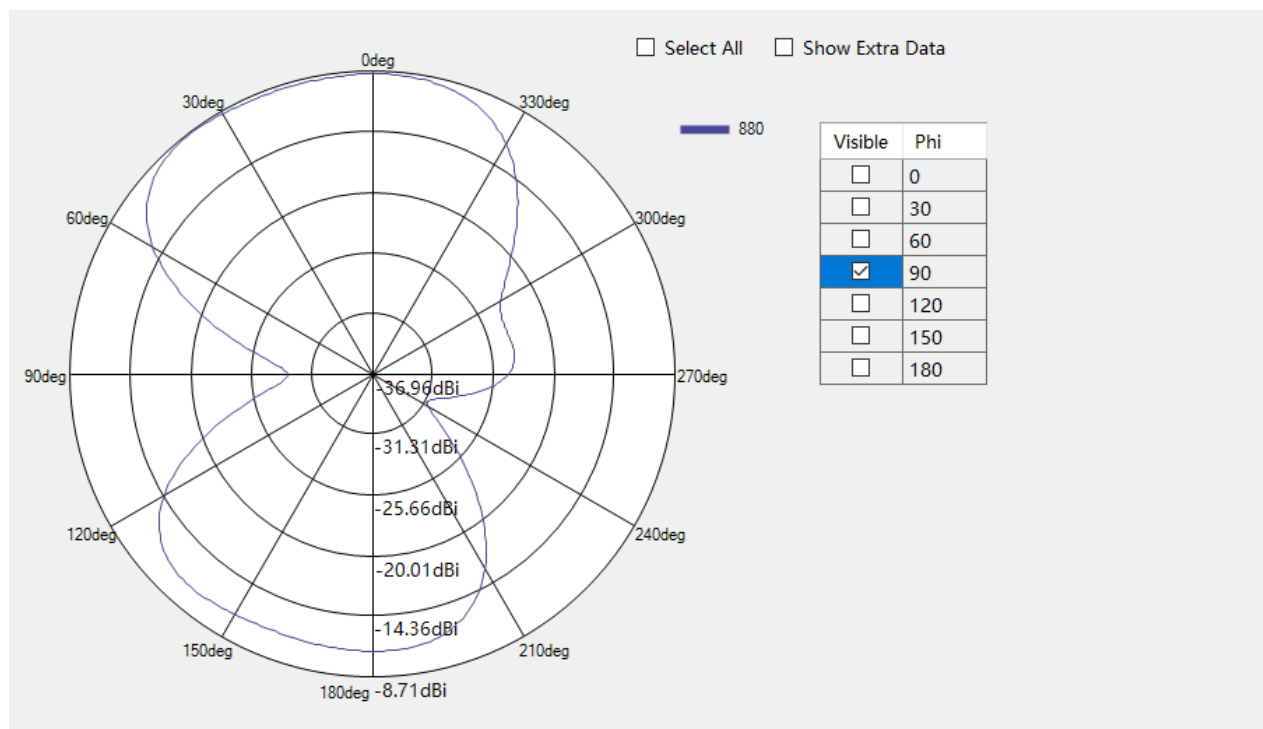




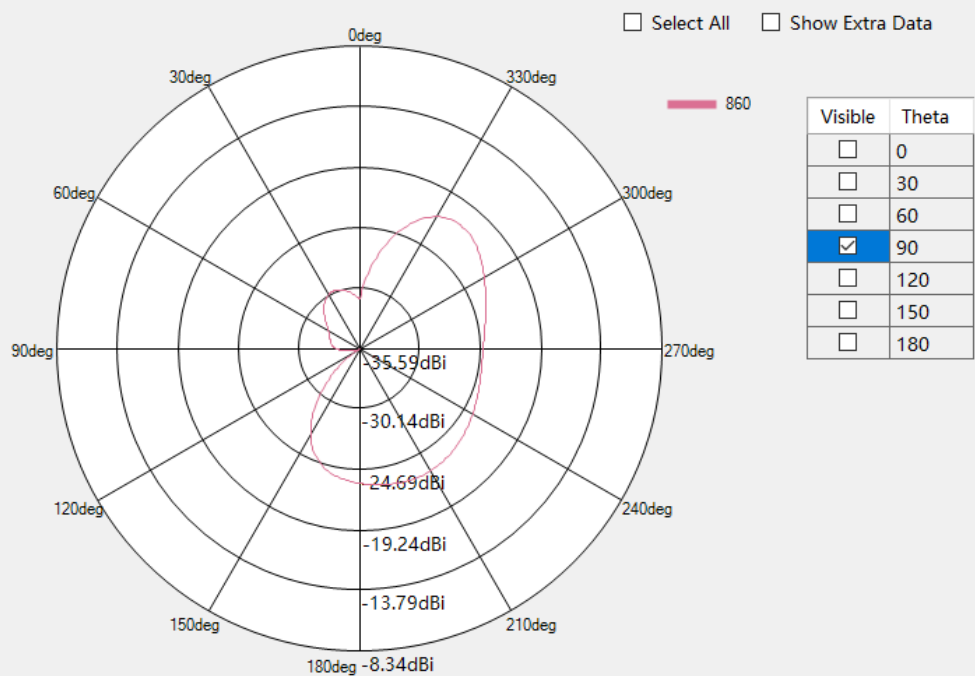
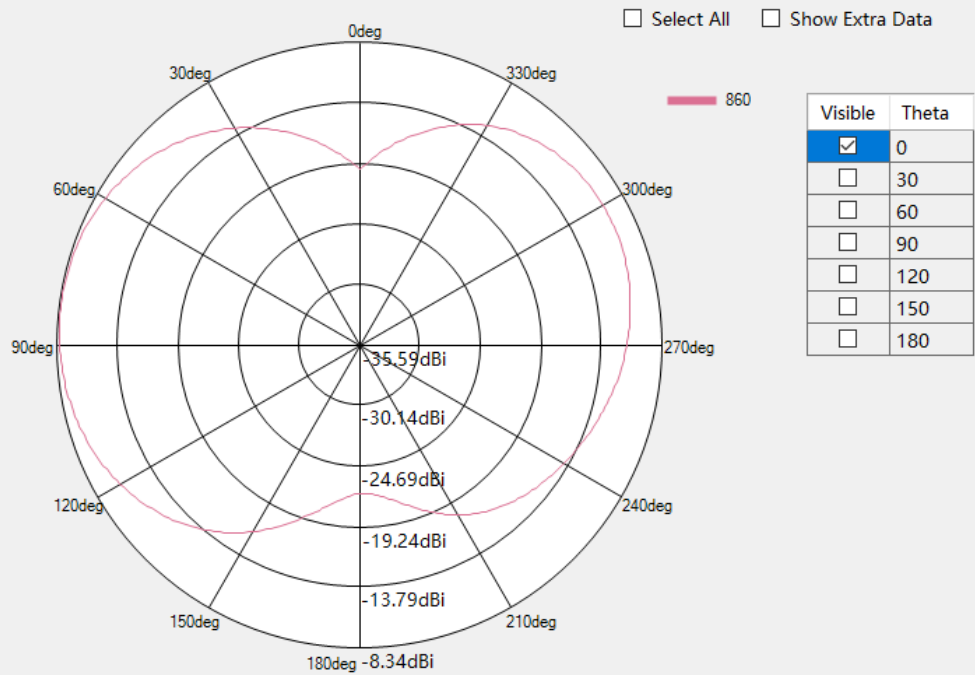
Div Antenna

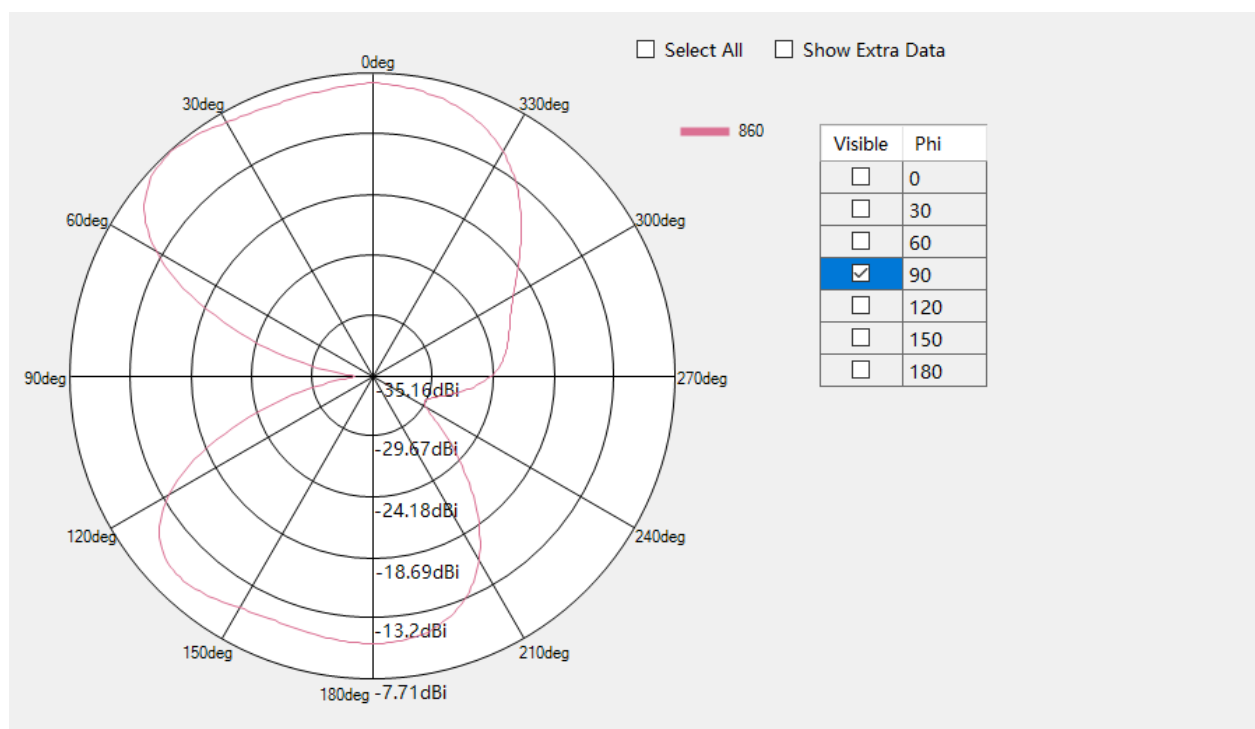
GSM850/W5/B5/ B26



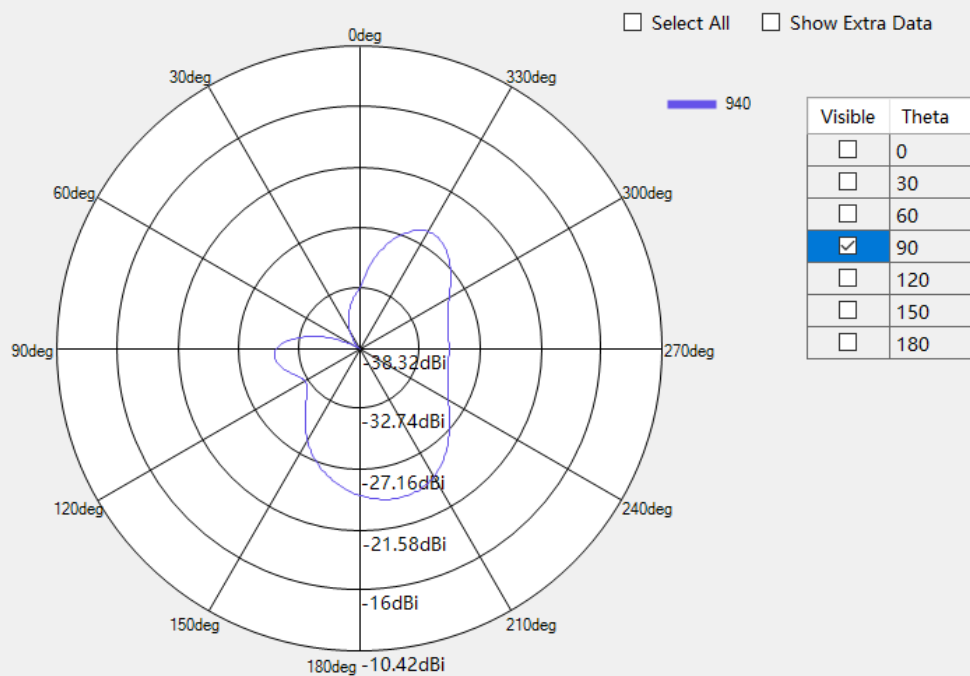
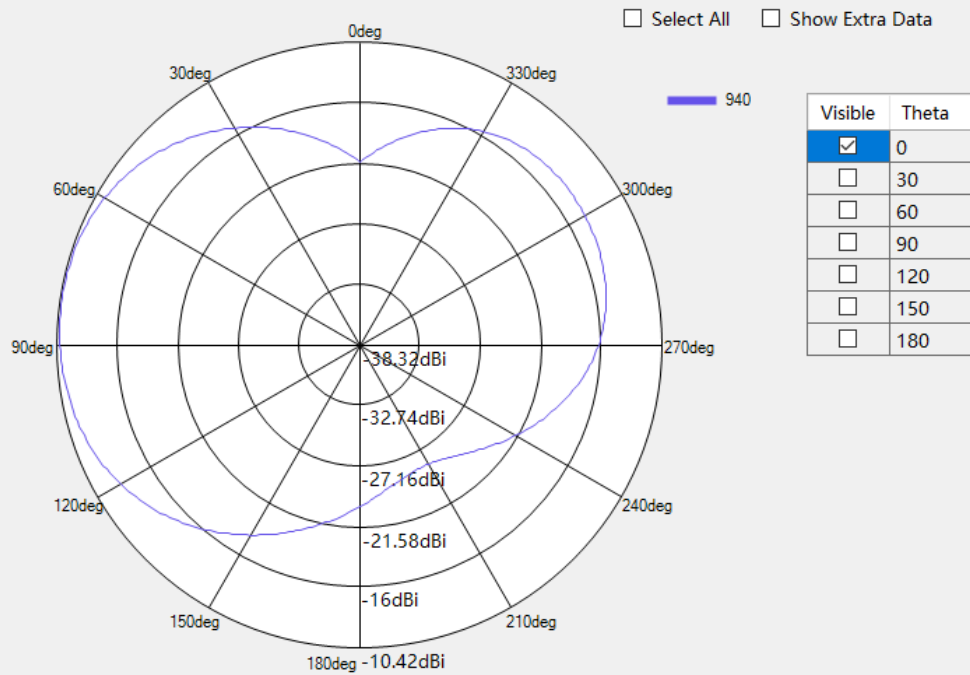


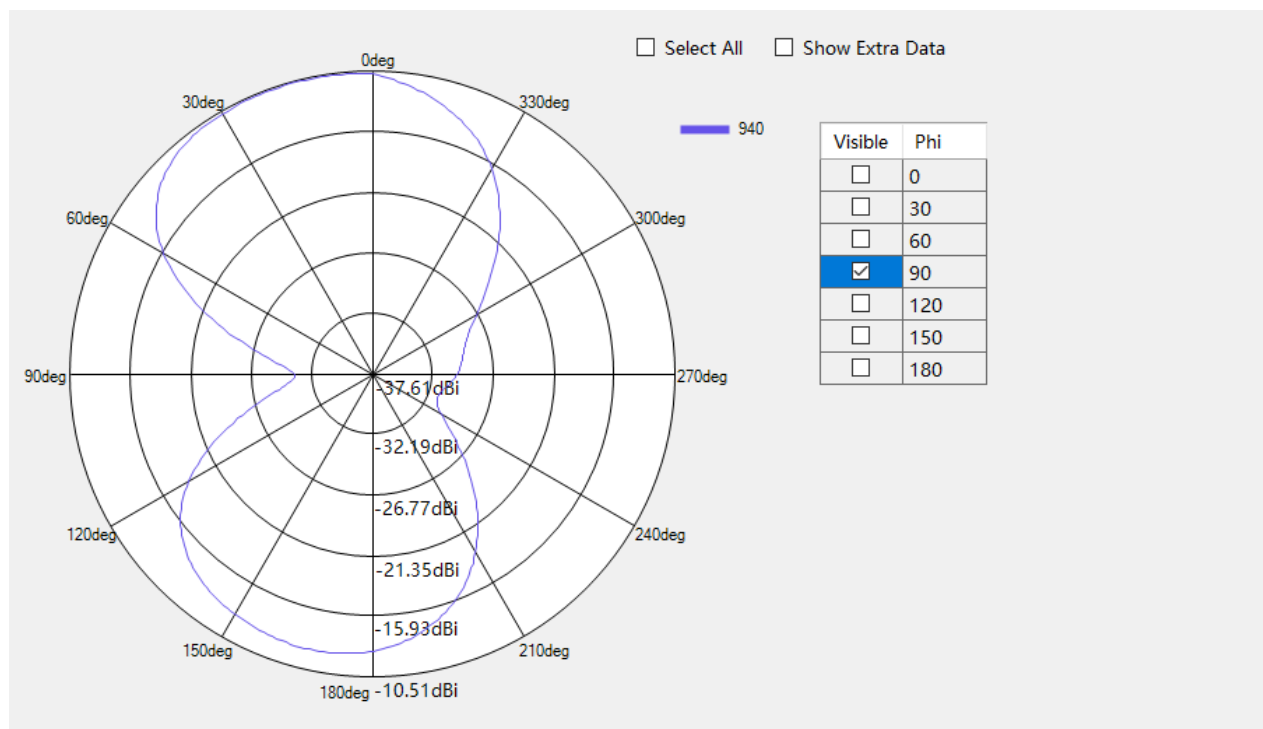
B20/



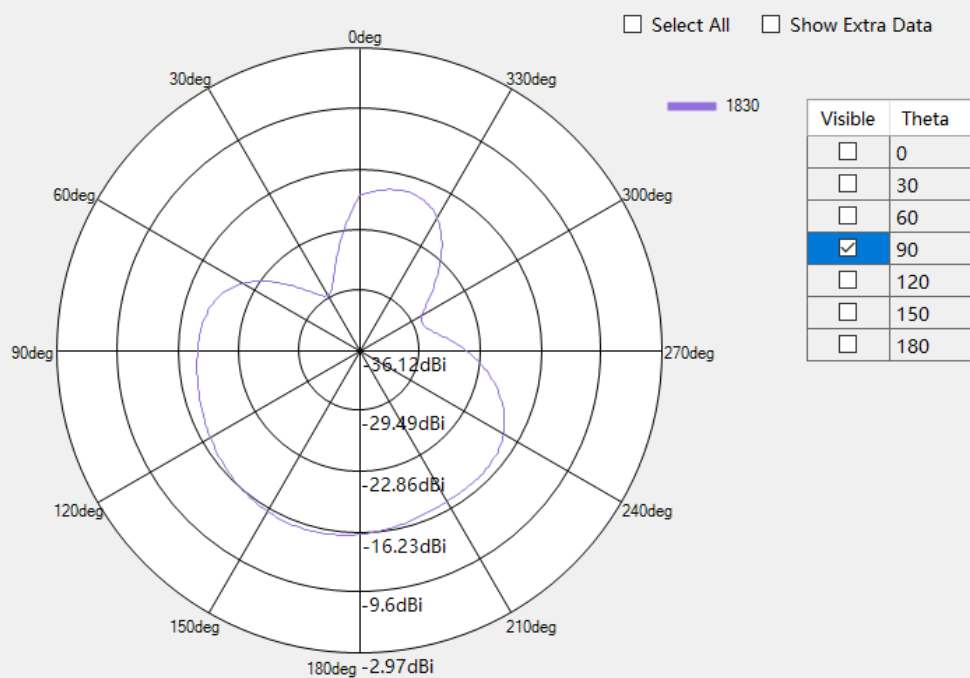
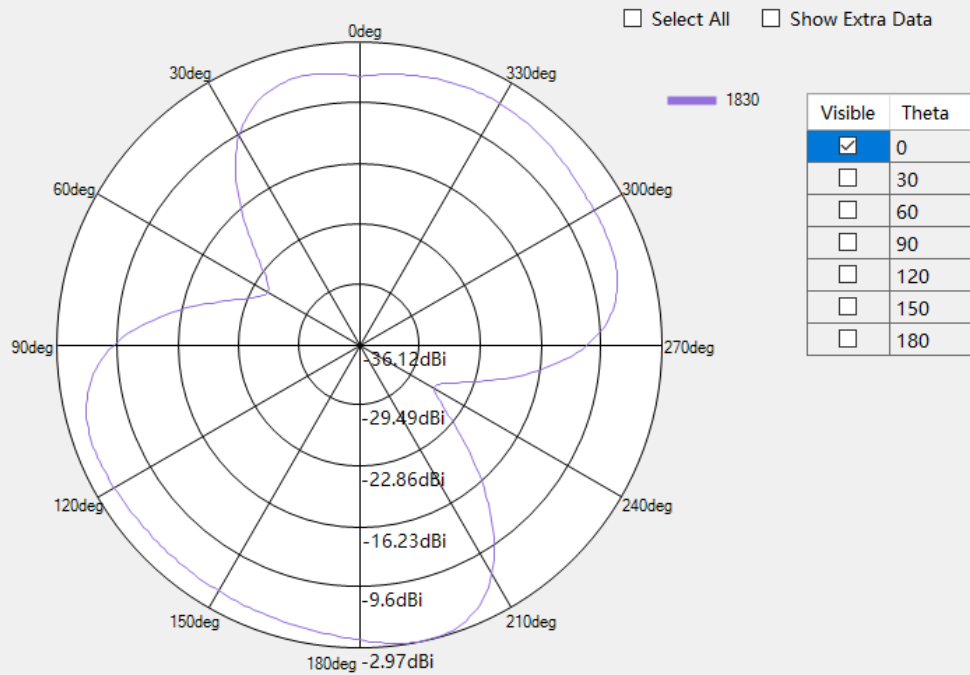


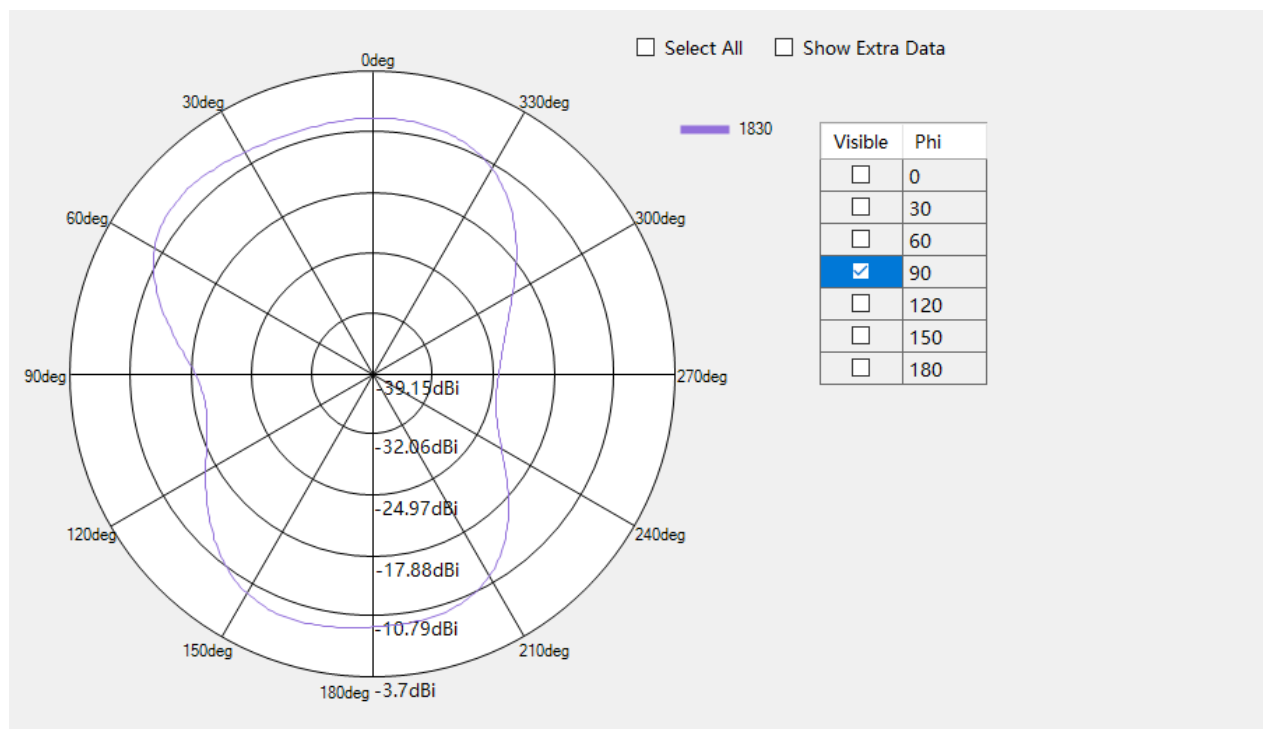
GSM900/W8/B8



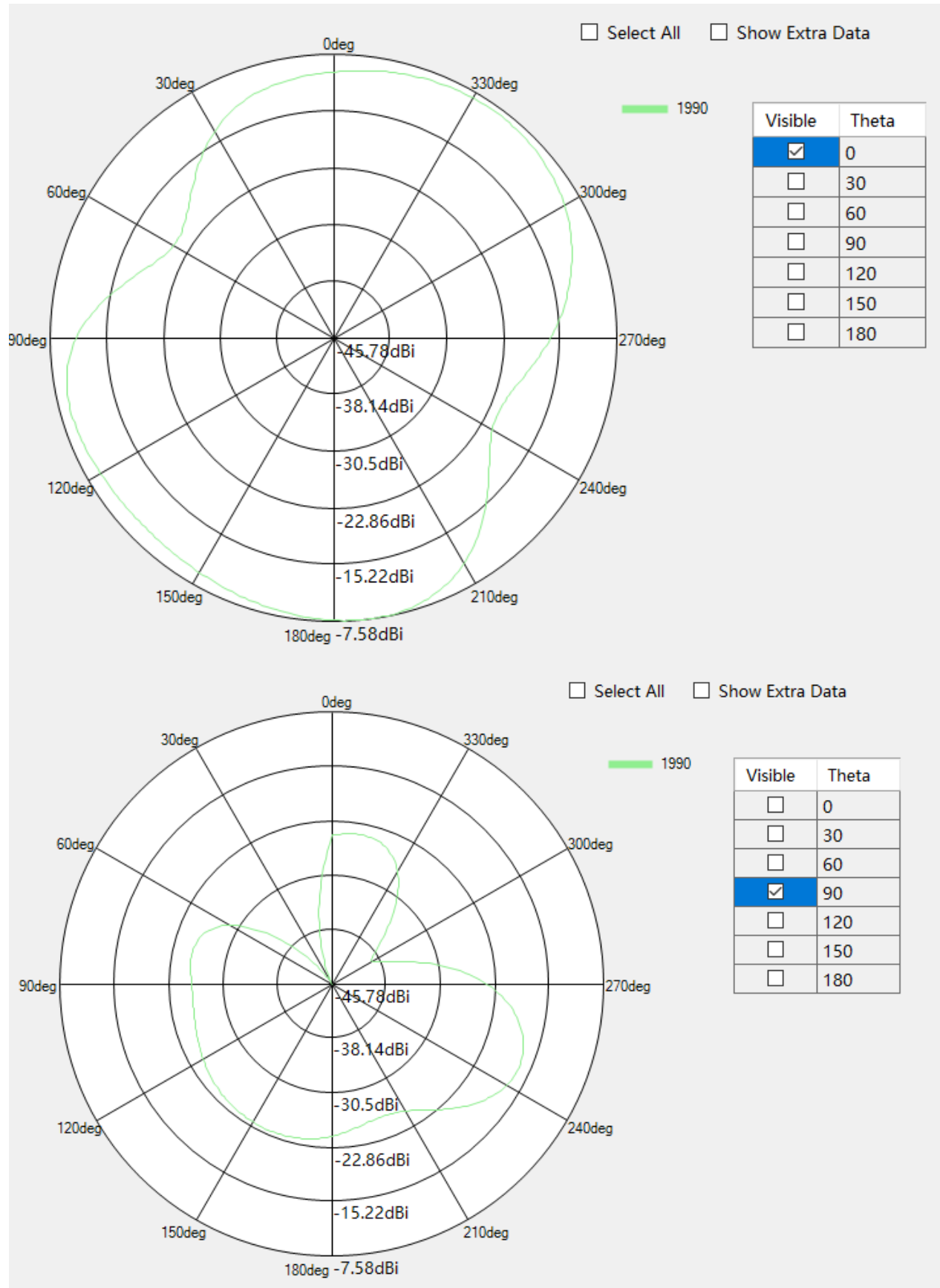


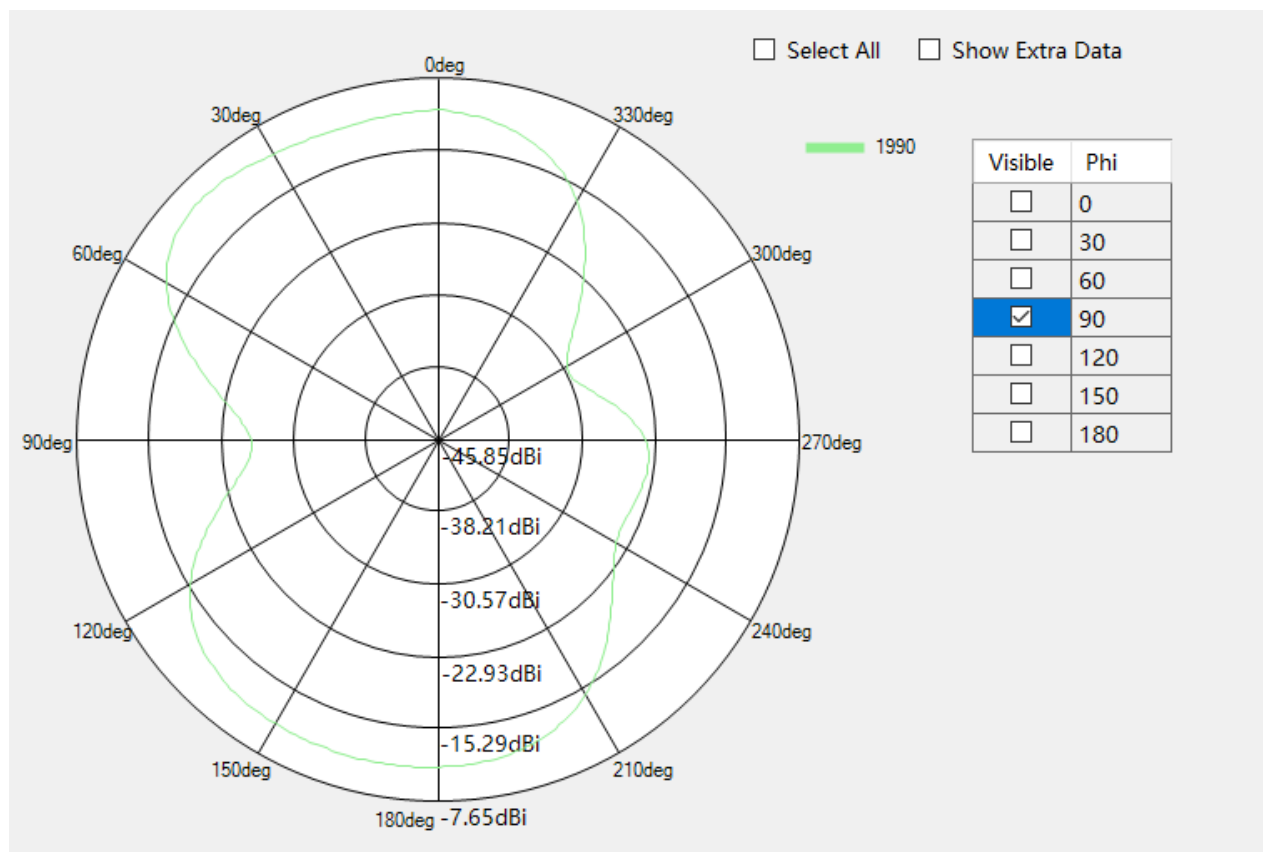
DCS1800/B3/B4/B66/W4



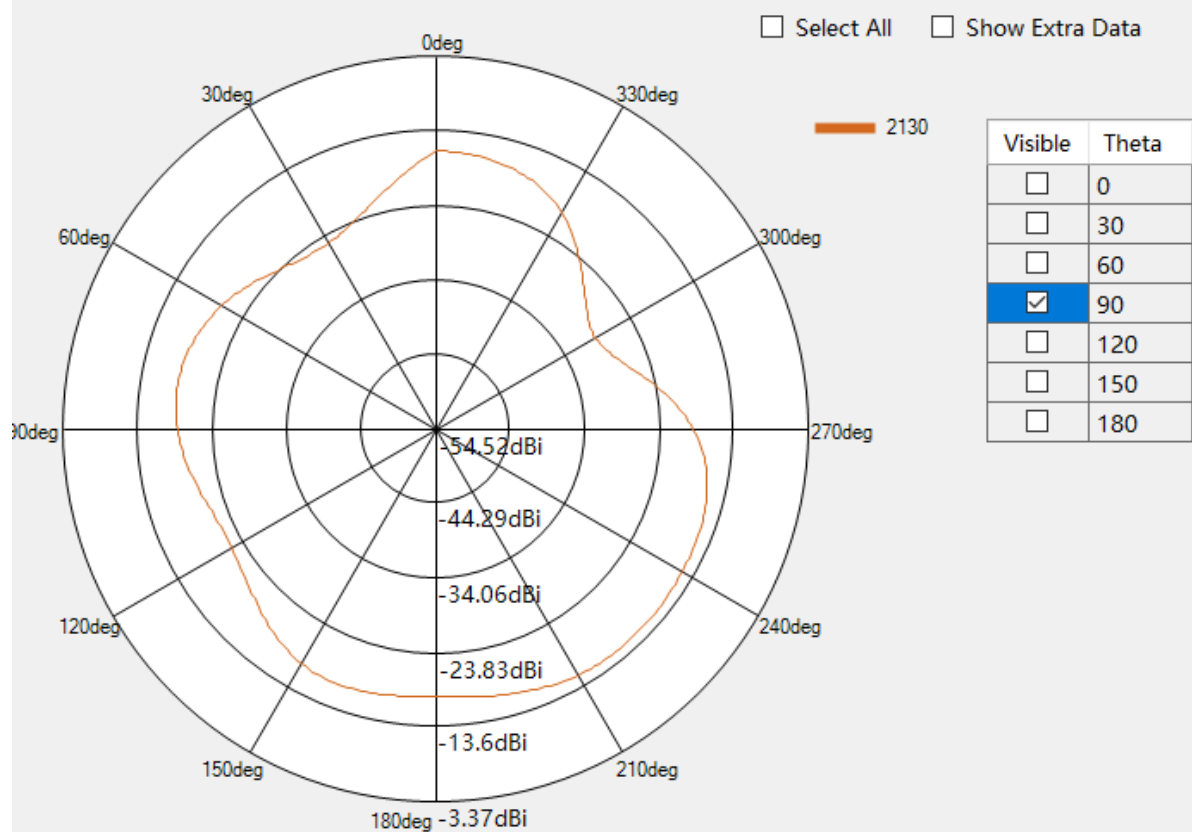
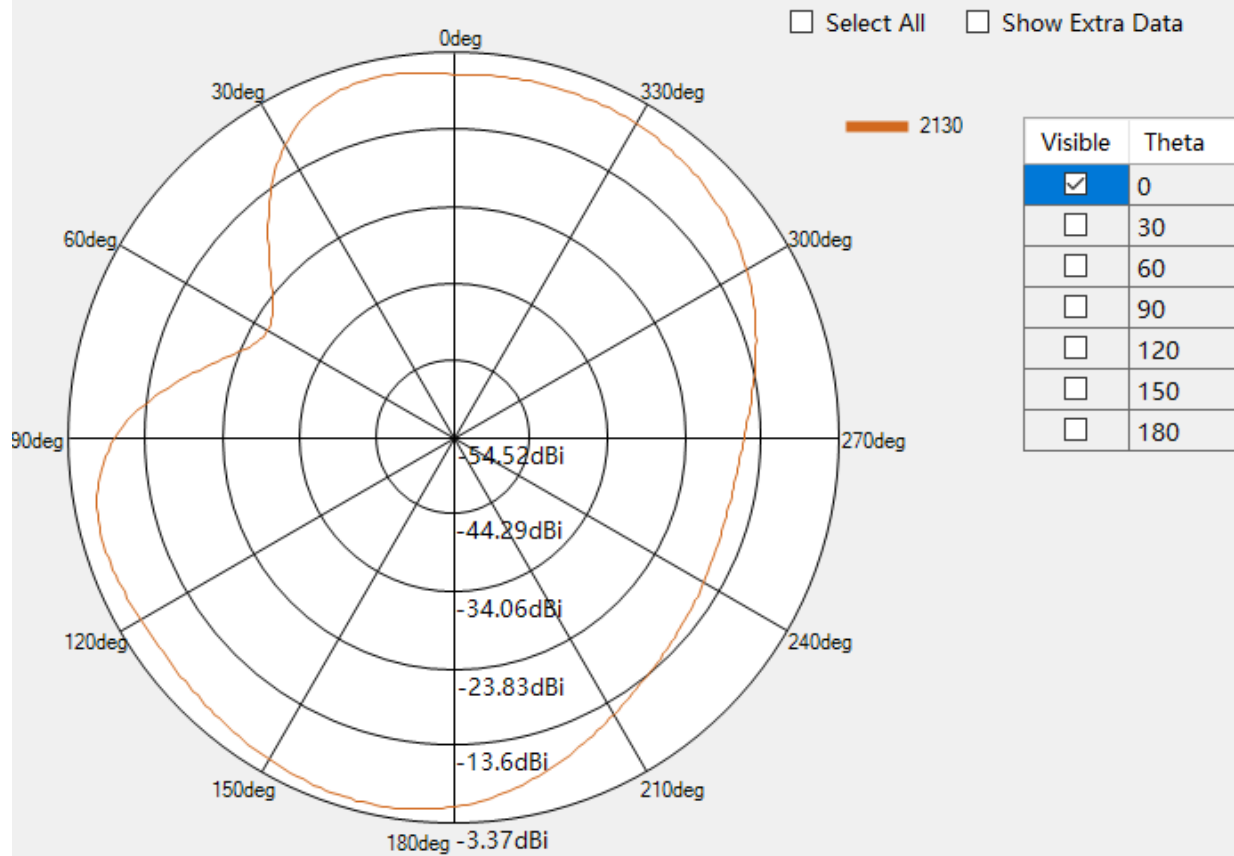


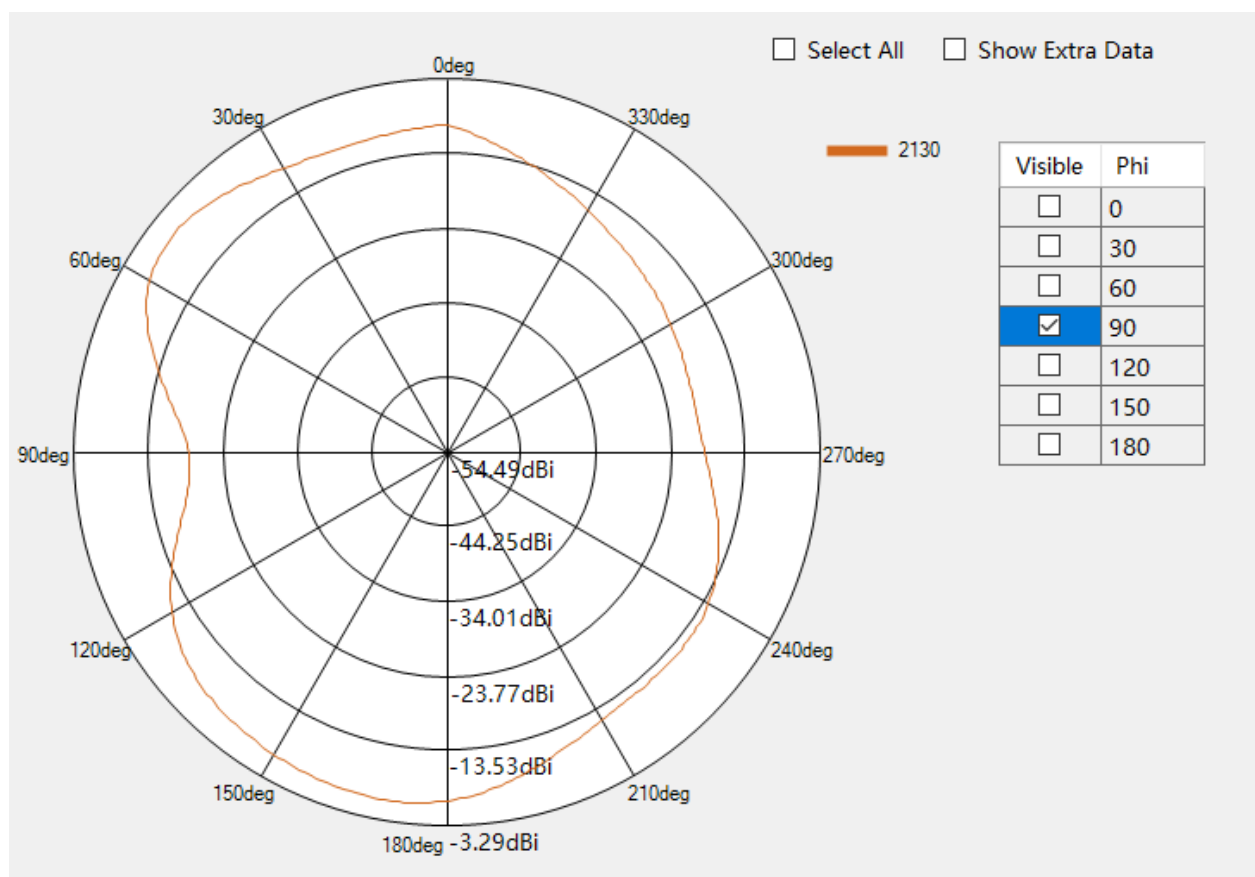
PCS1900/W2/B2



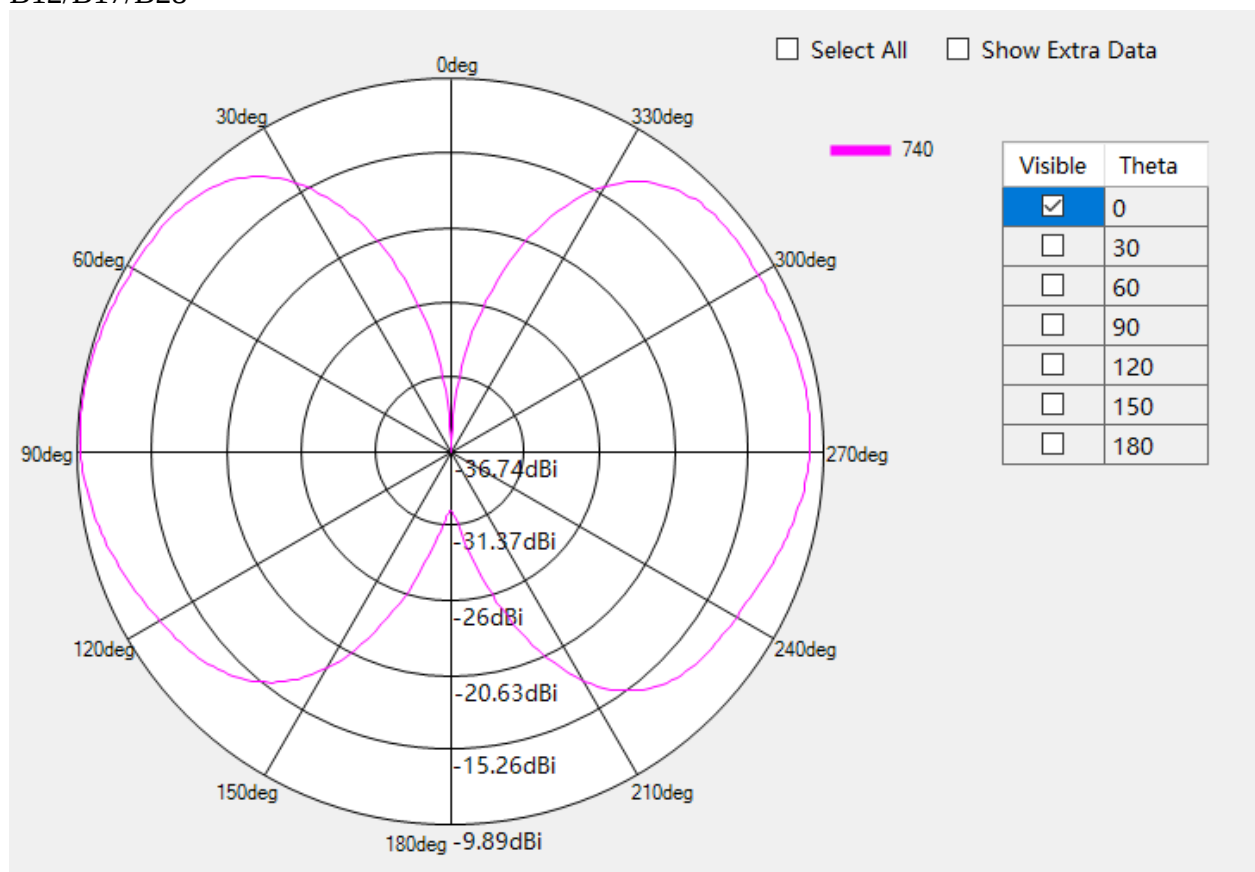


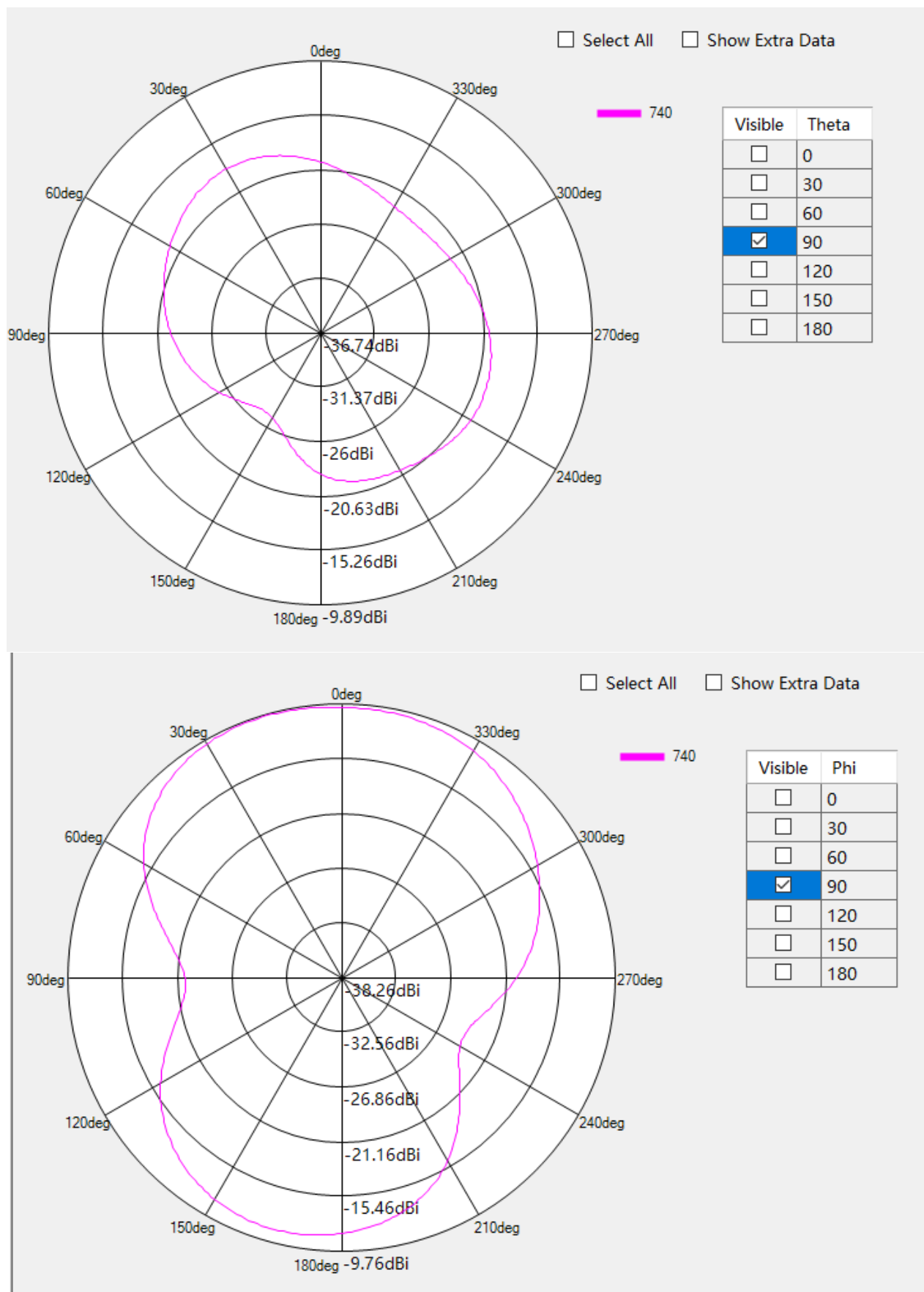
W1/B1



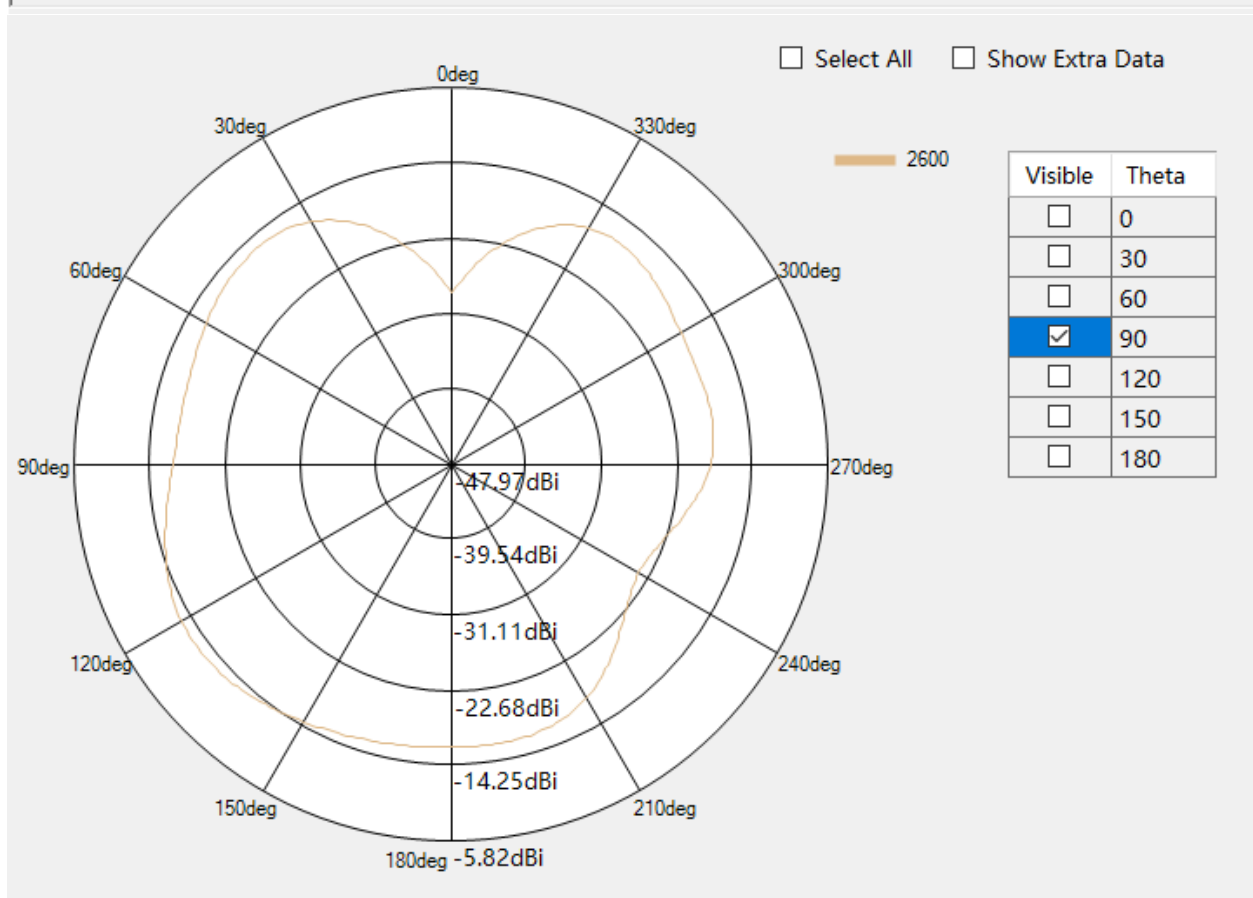
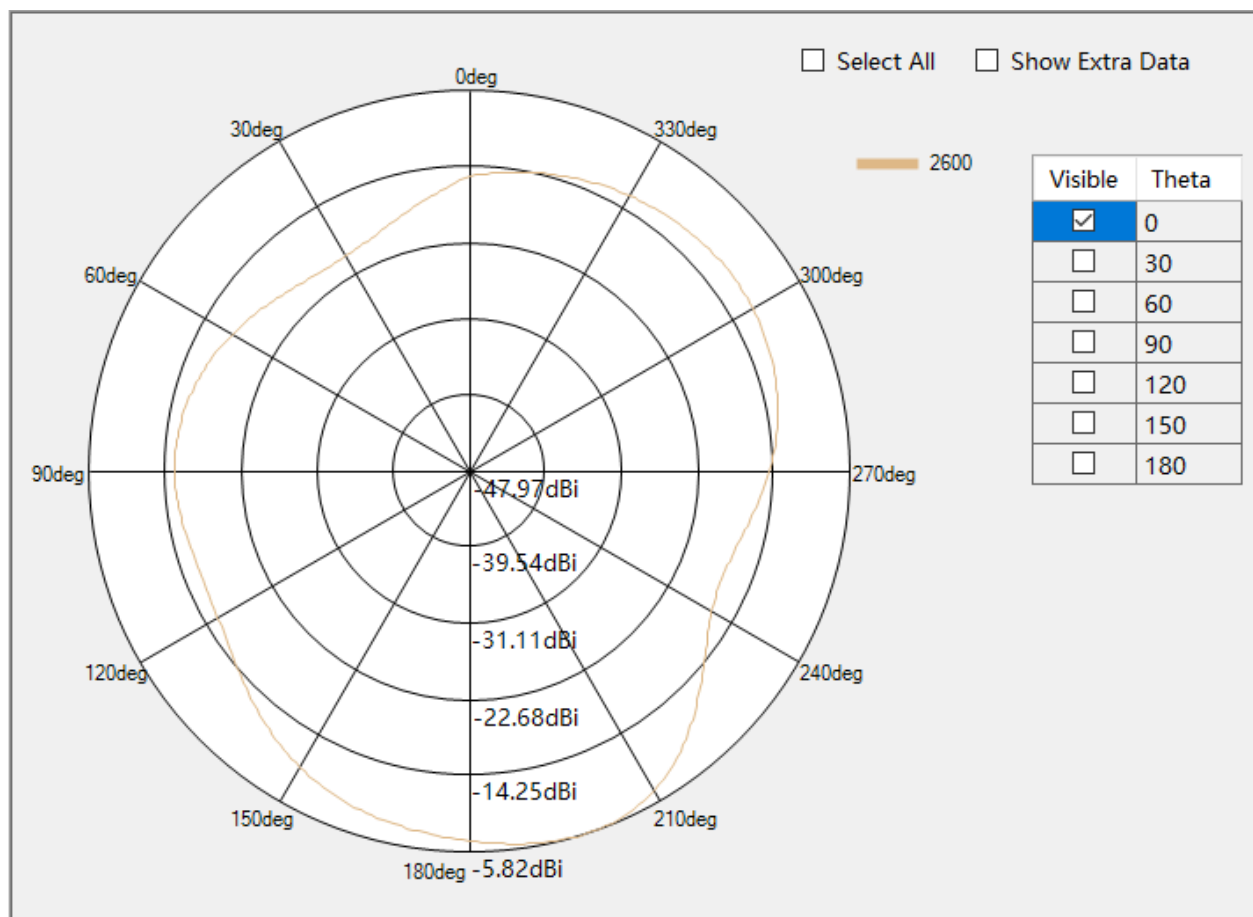


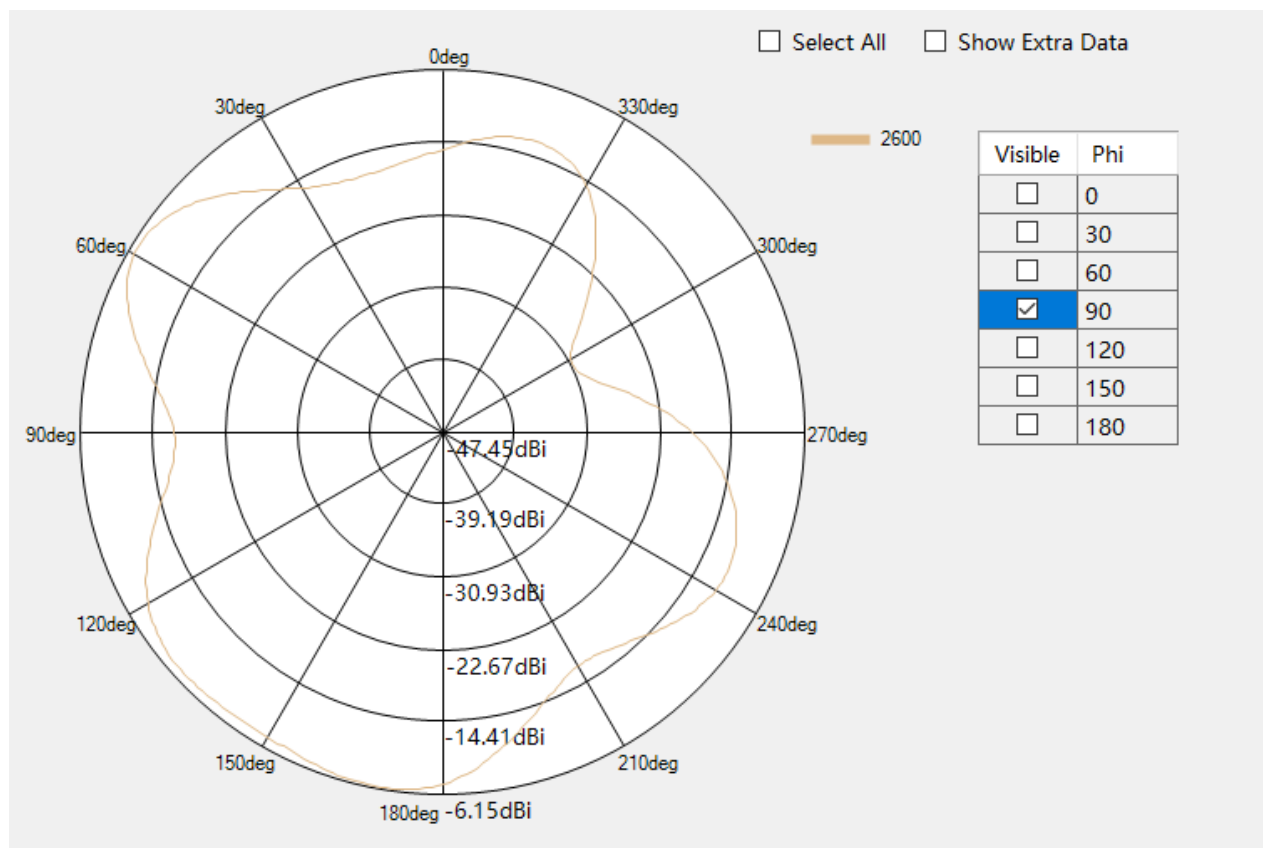
B12/B17/B28



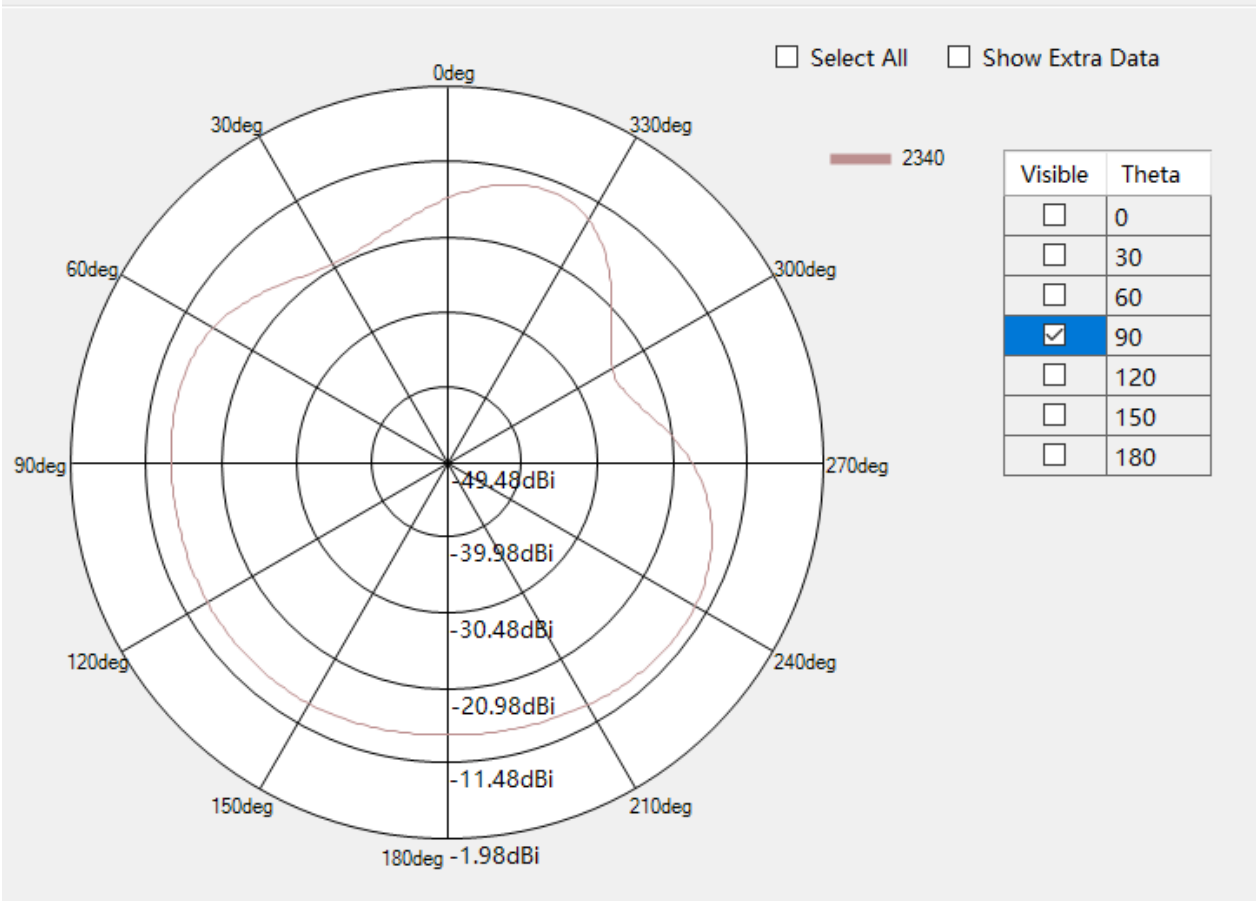
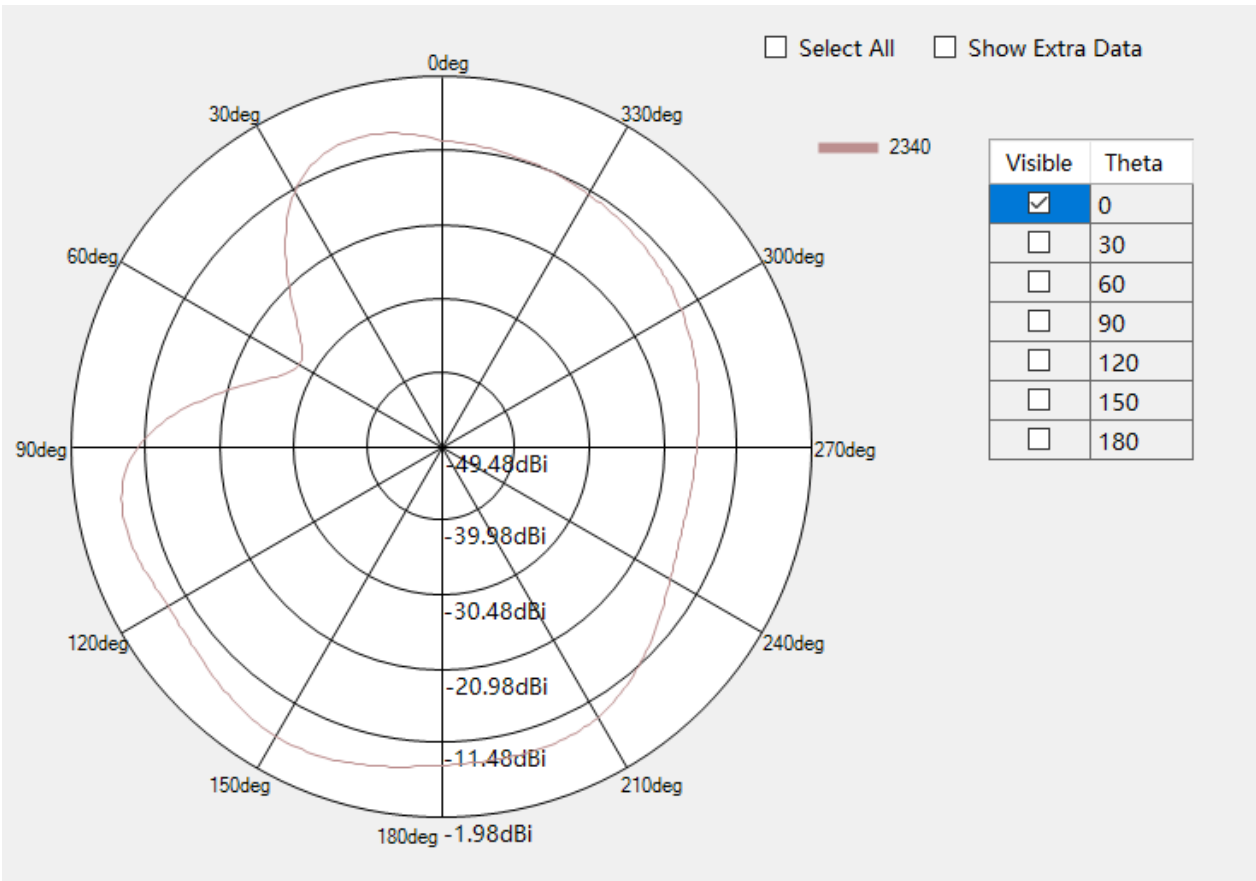


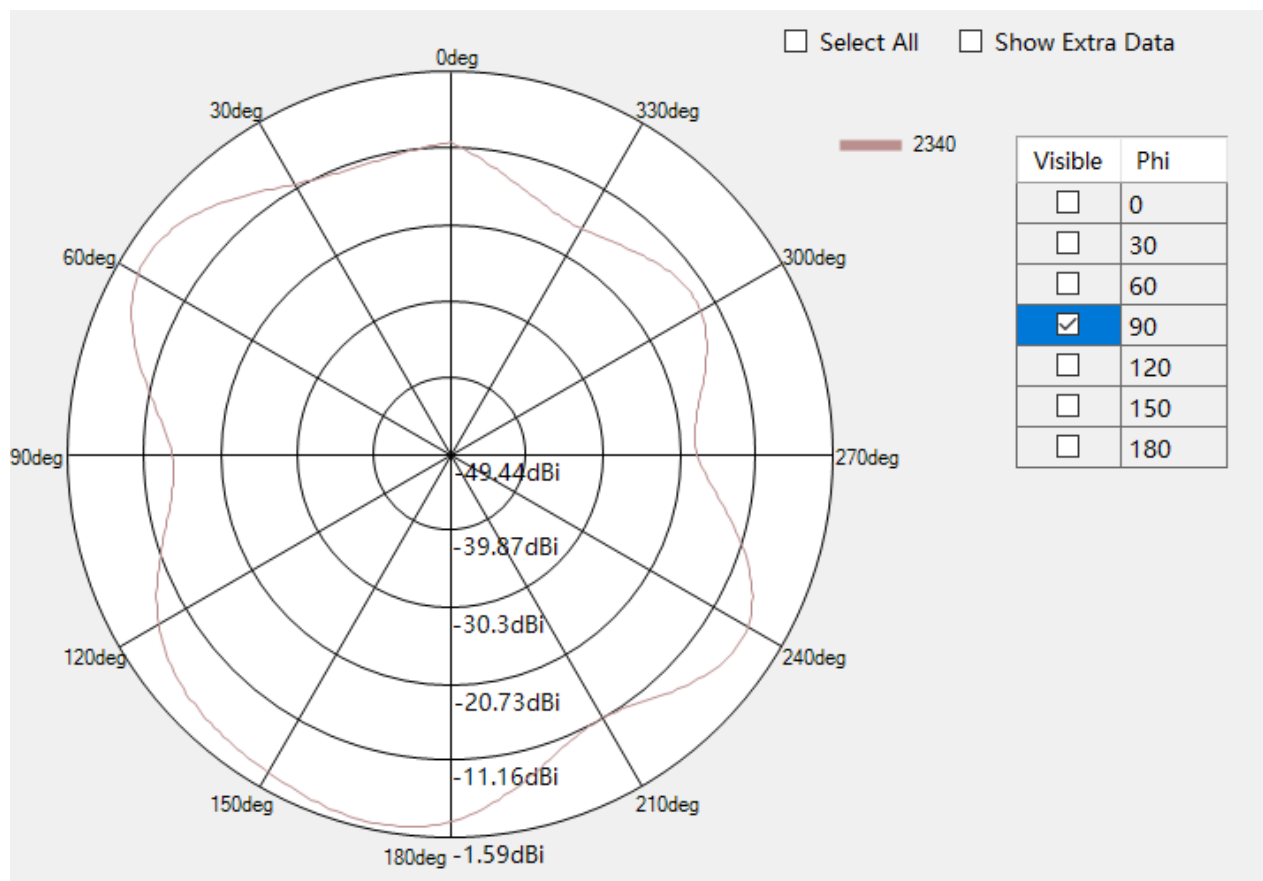
B7/B38/B41





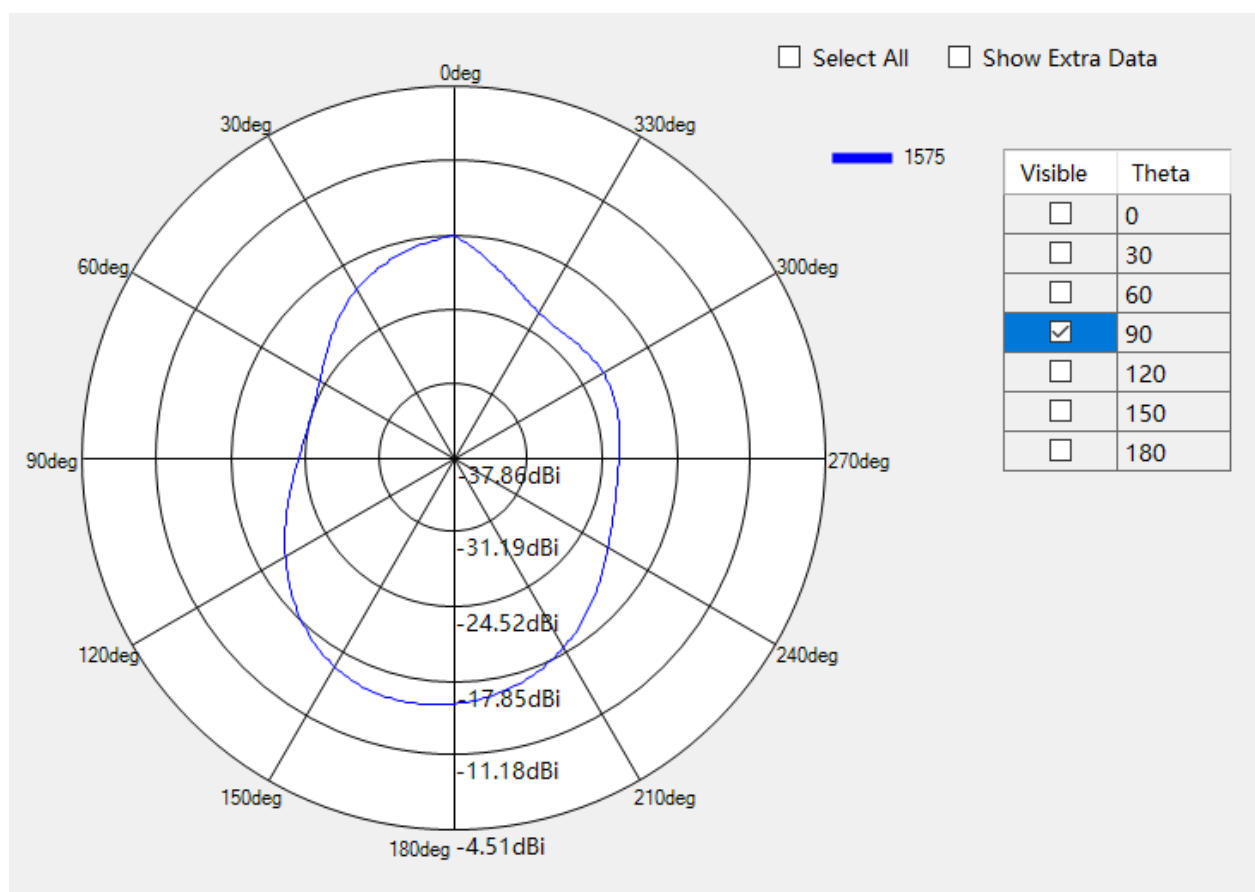
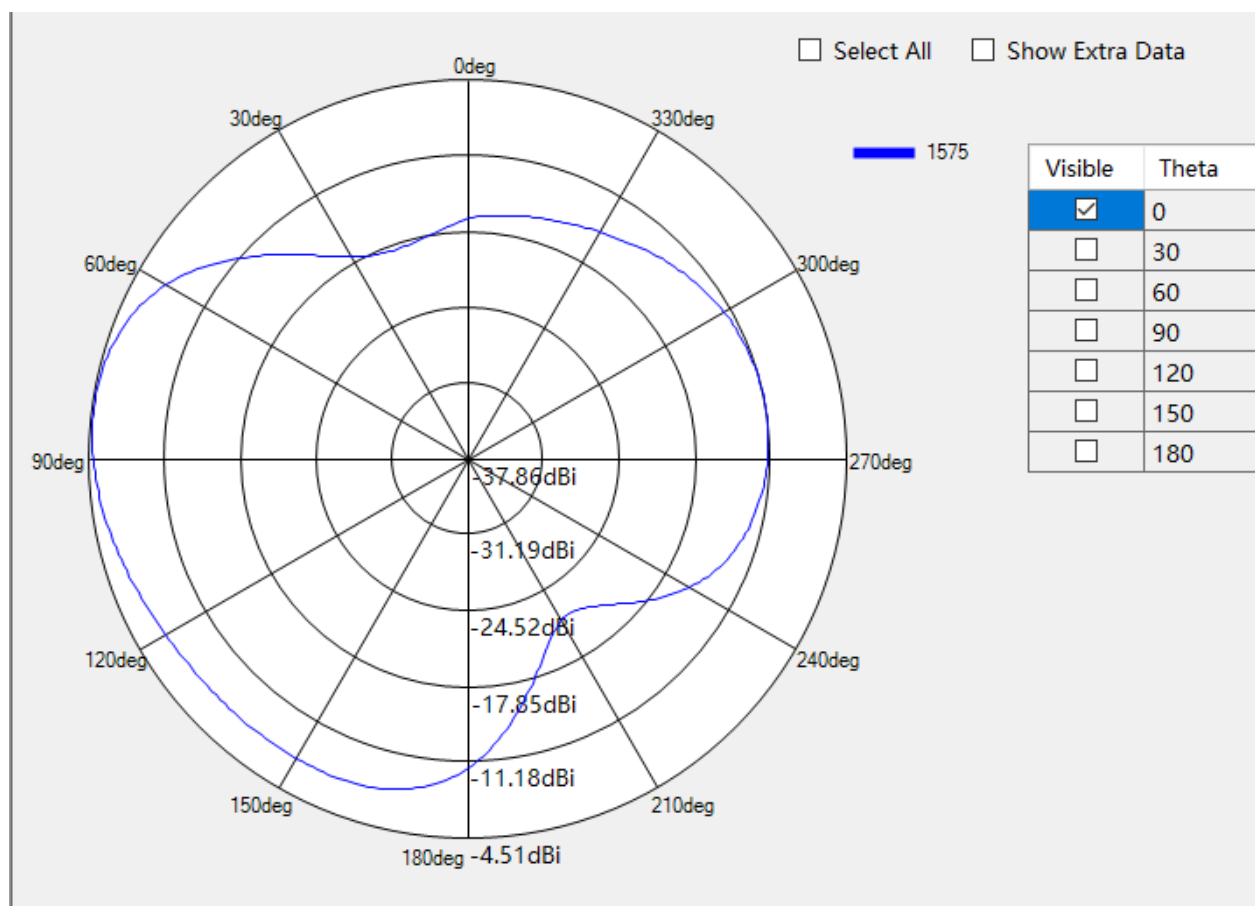
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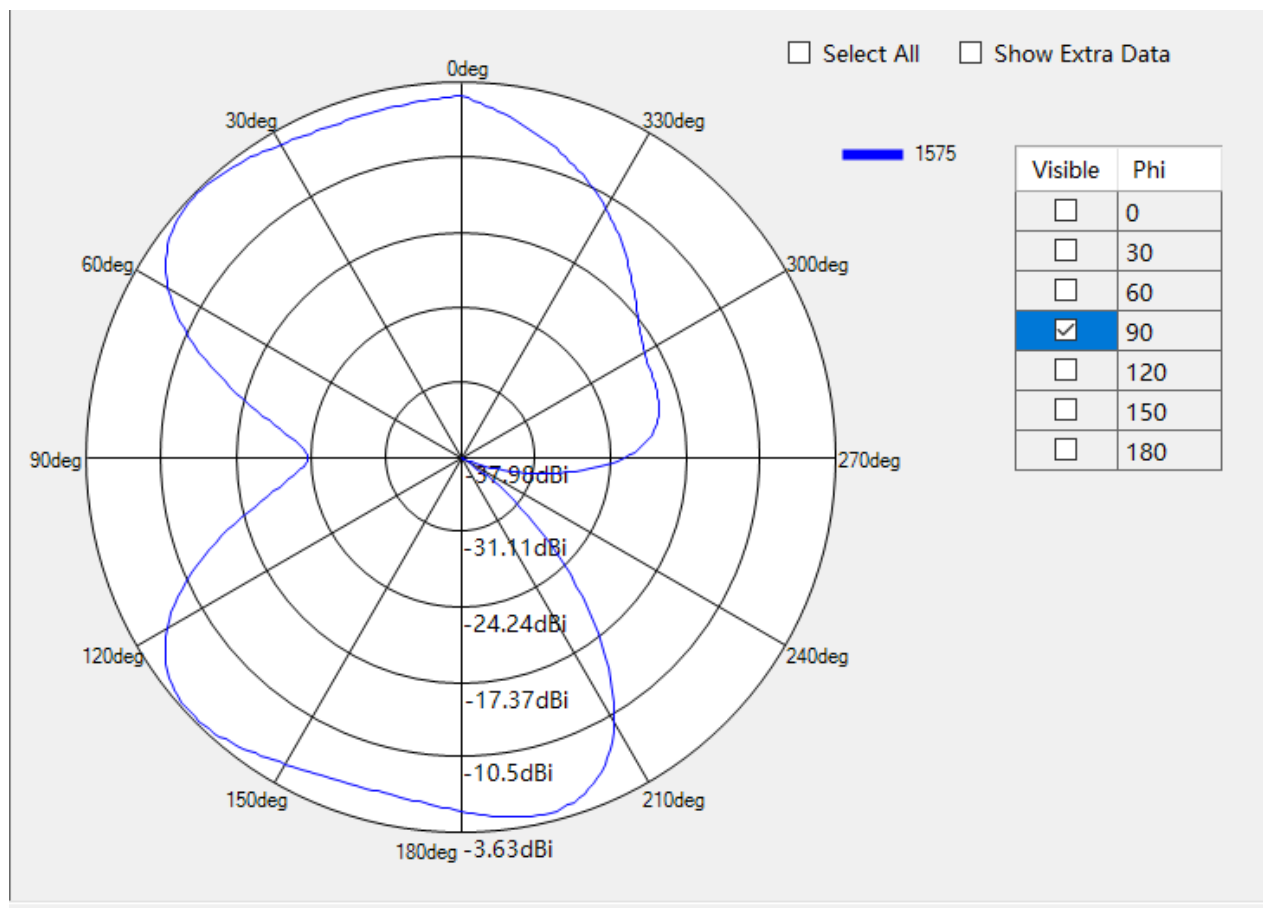




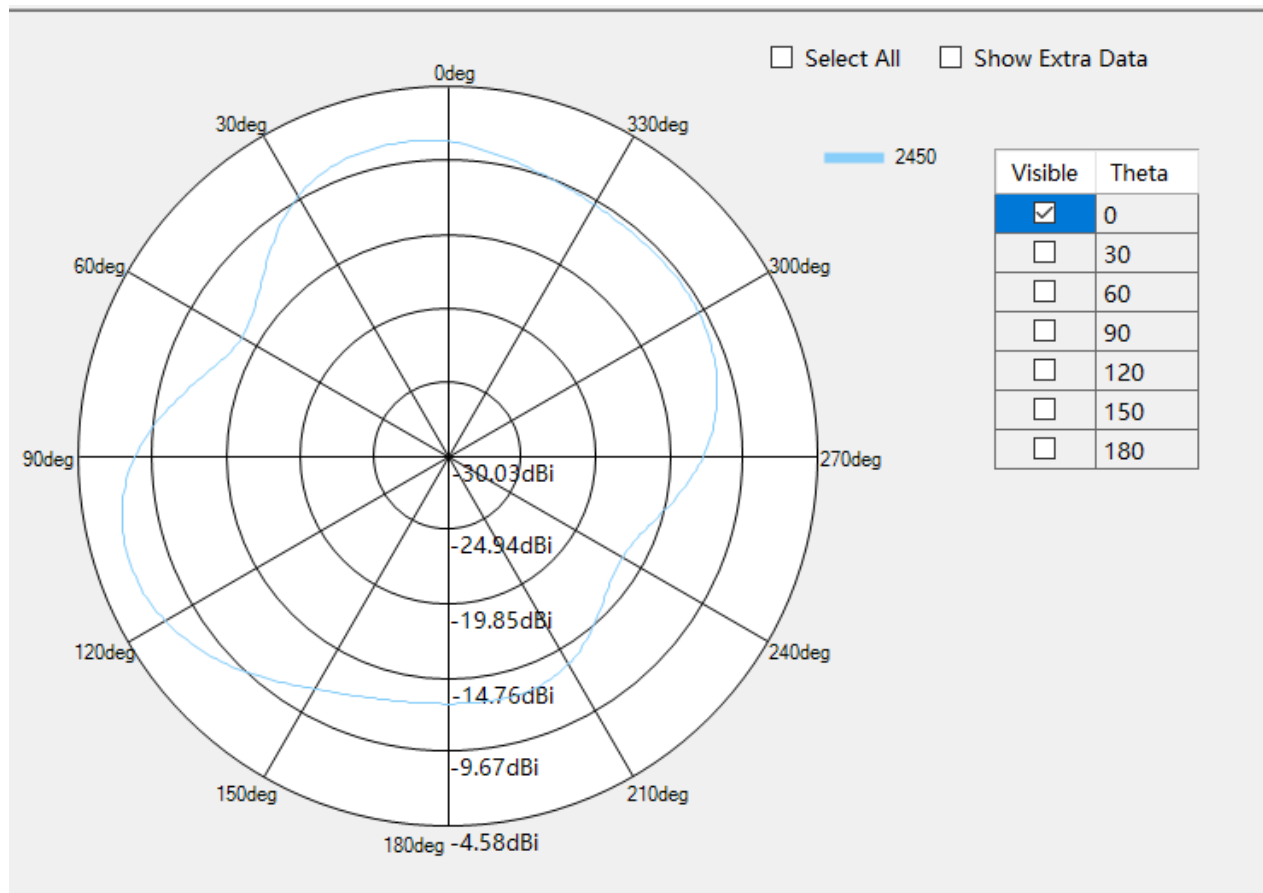
Three-in-one antenna

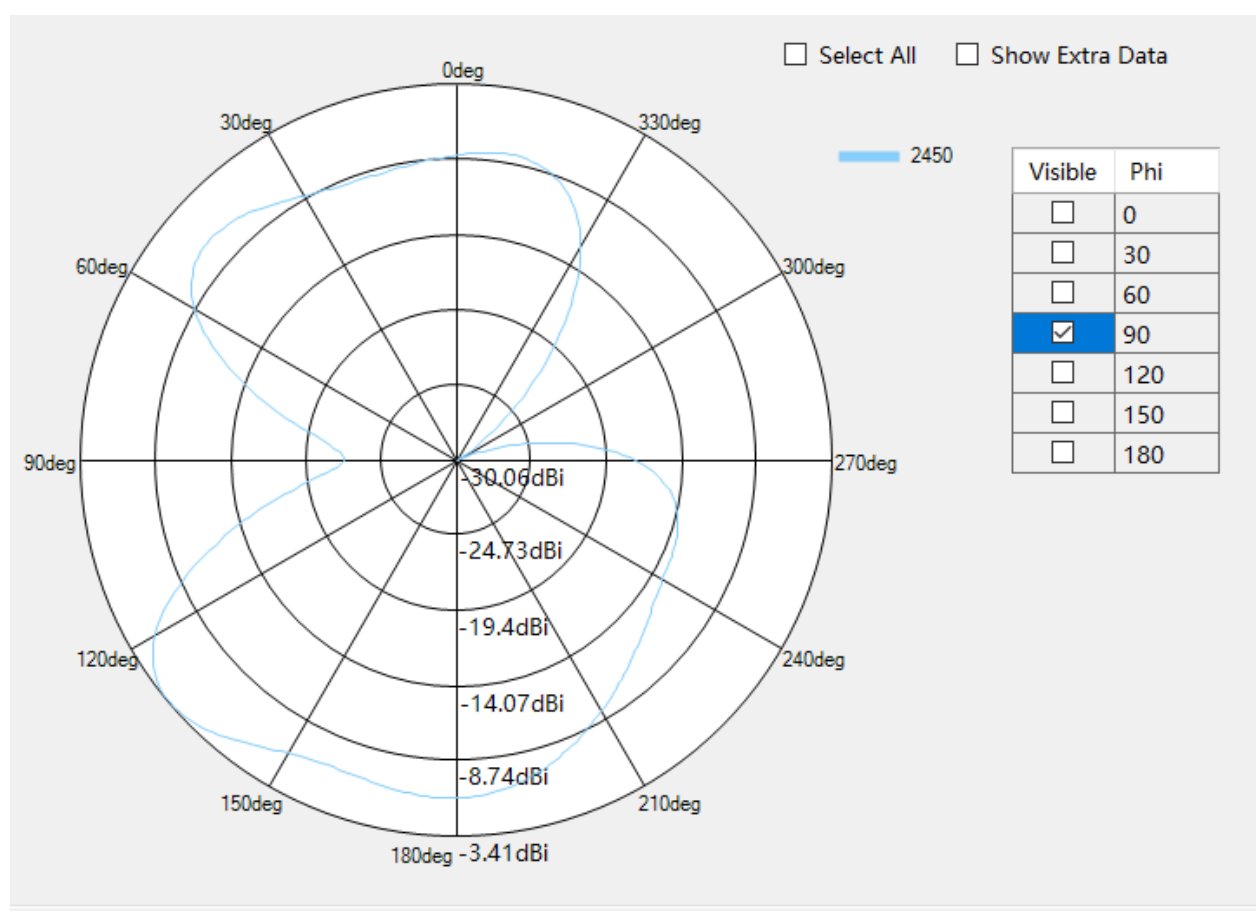
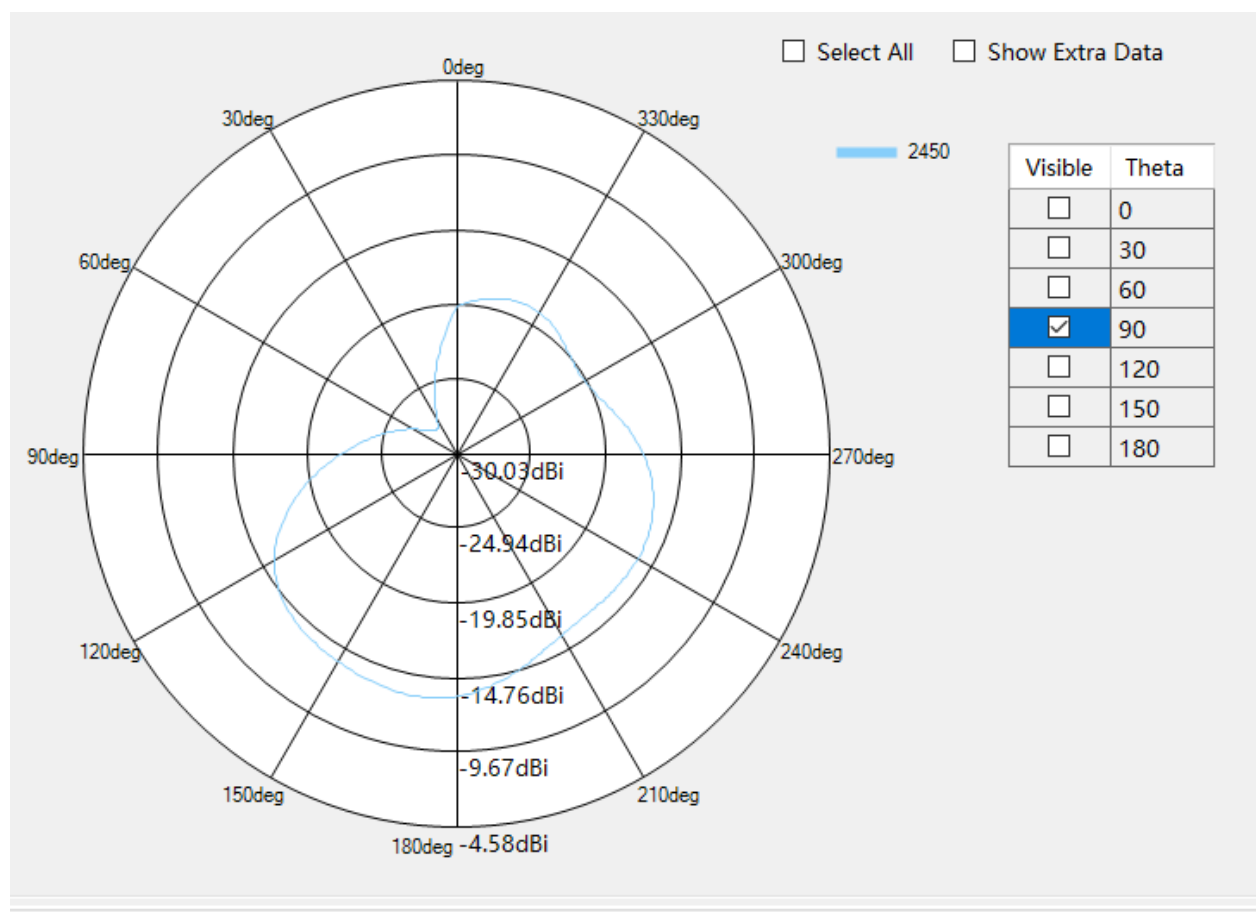
GPS





WIFI 2.4G





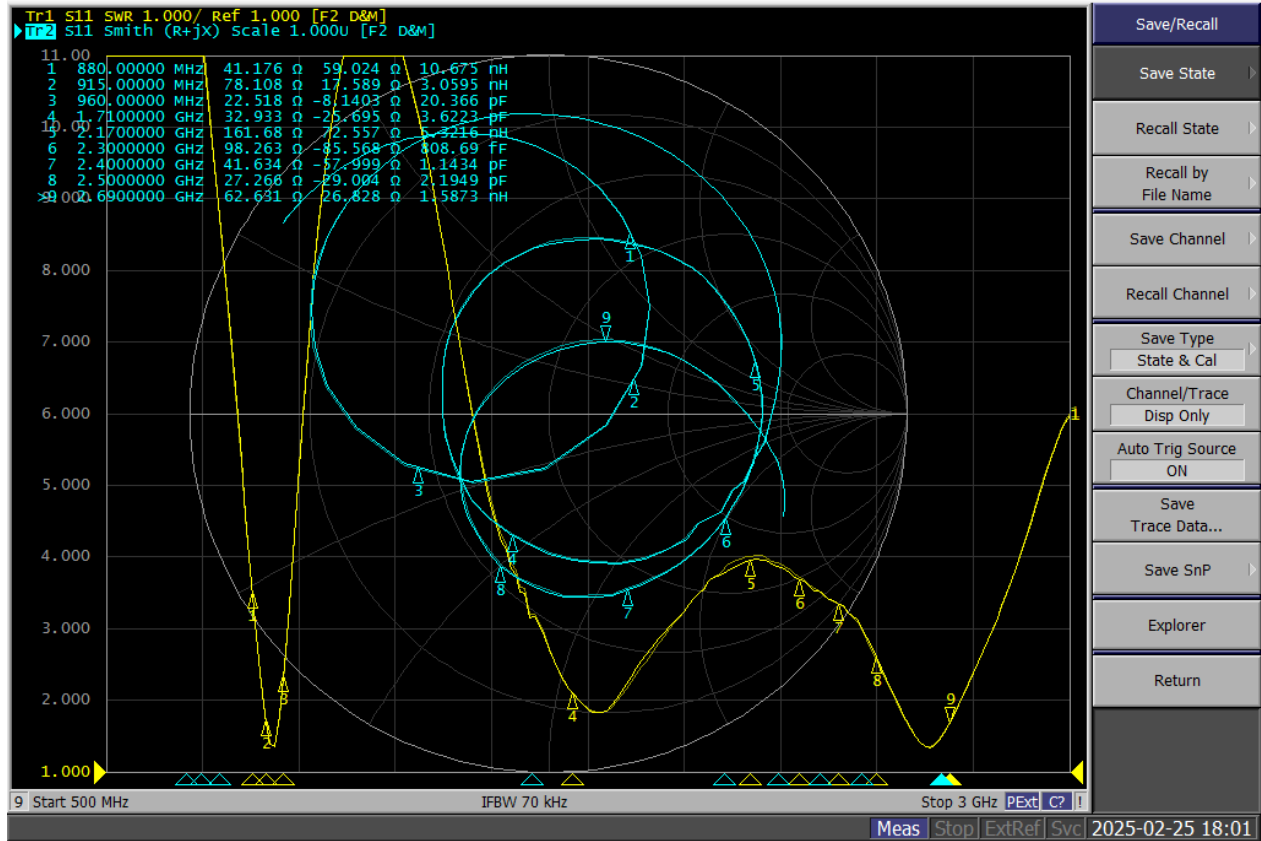
※S11:

Main Antenna GSM900/DCS1800/W4/W8/B3/B4/B7/B8/B38/B/B41/B66

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Resize

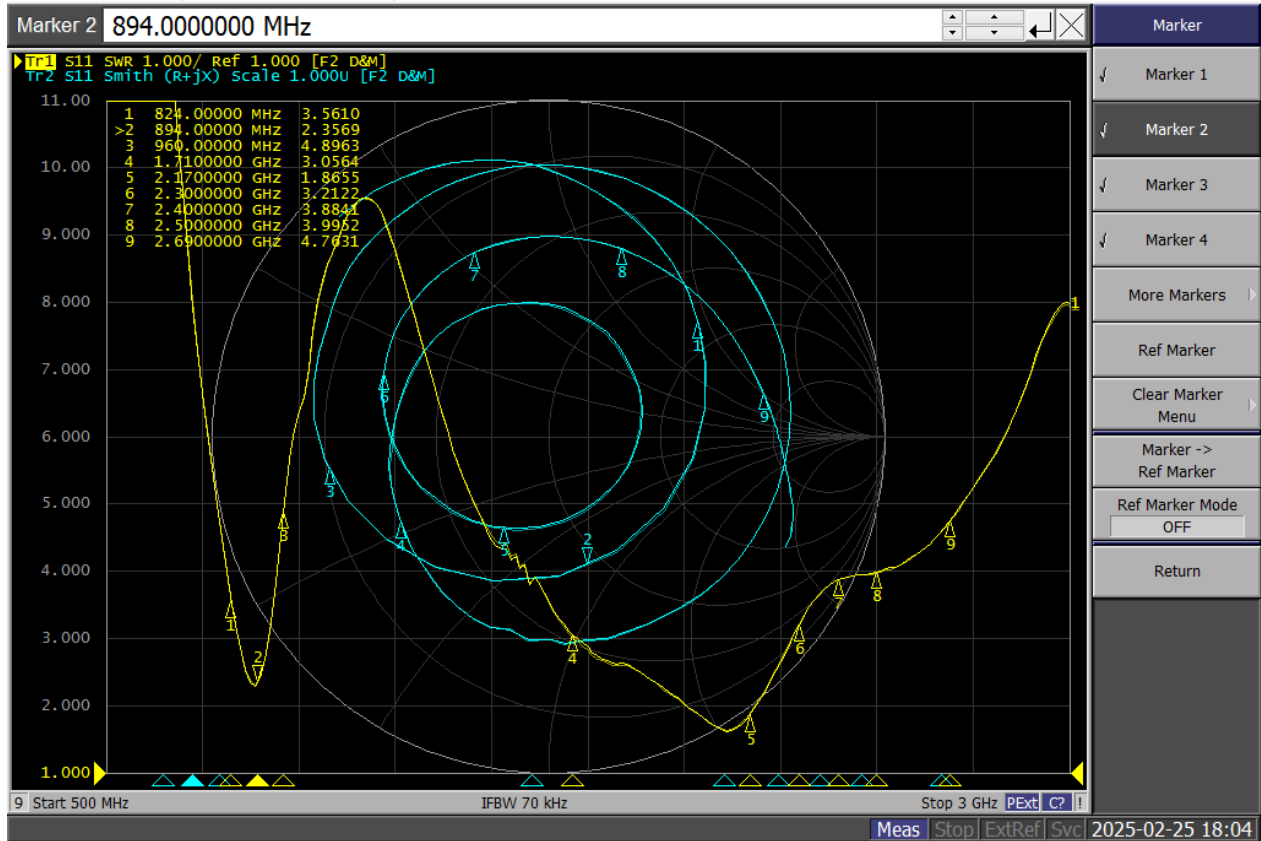


GSM850/W5/B5/B20/B26

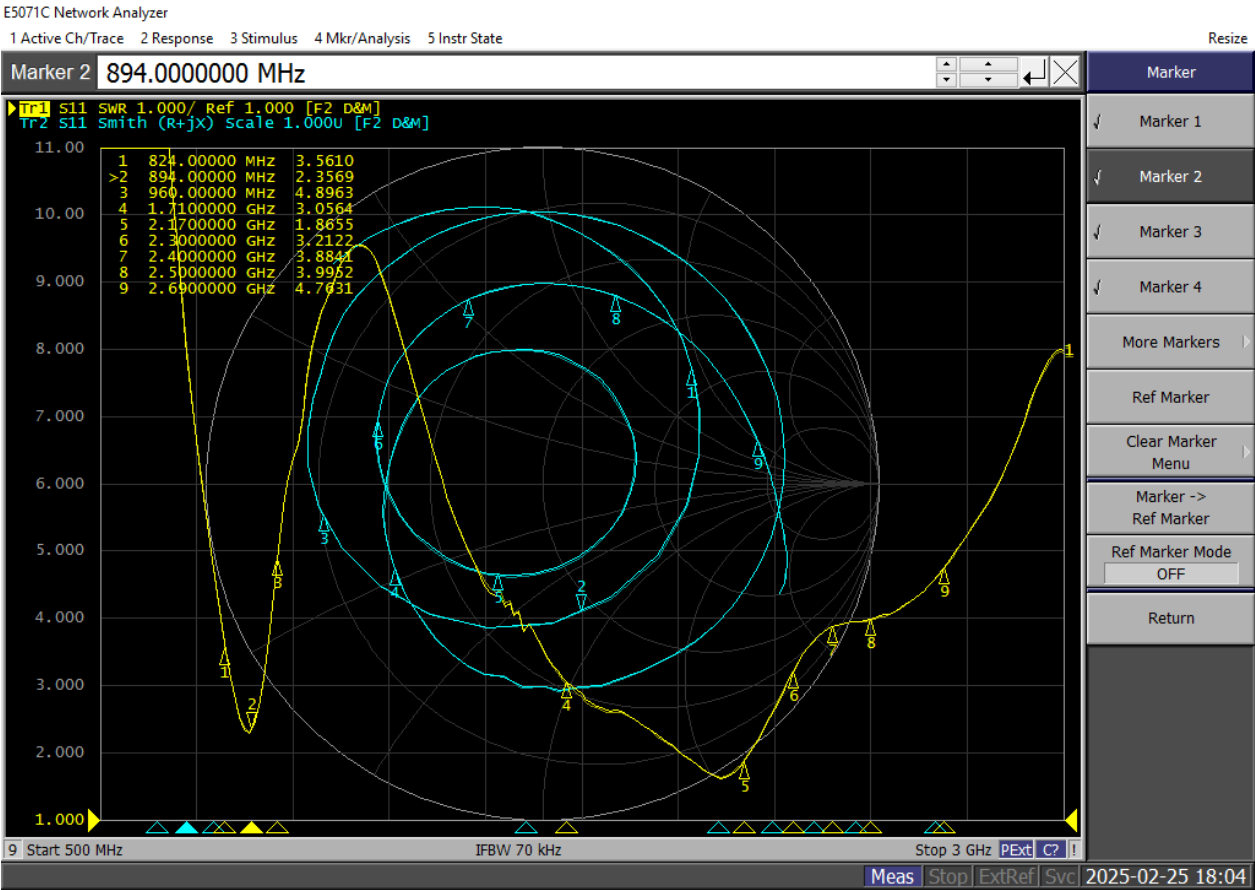
E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

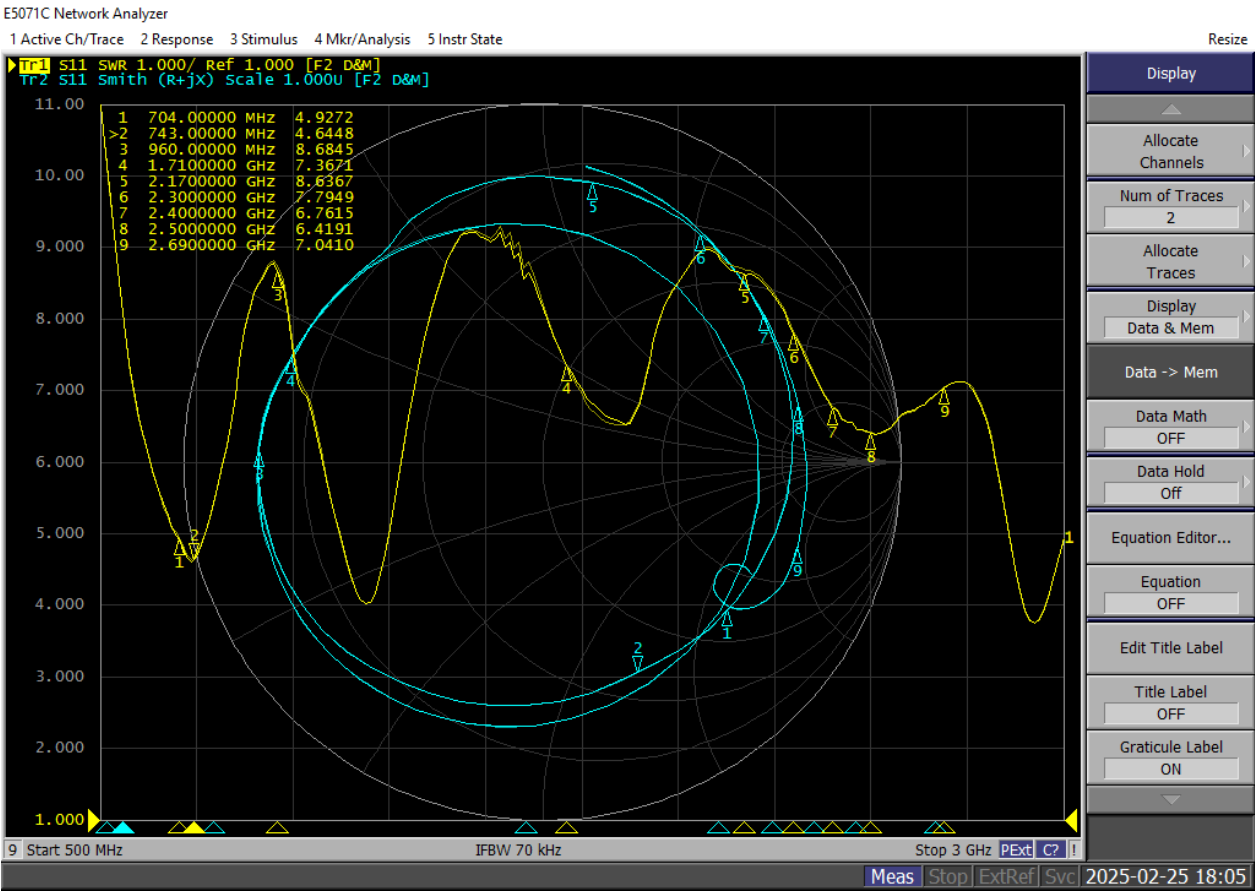
Resize



PCS1900/W1/W2/B1/B2



B12/B17/B28

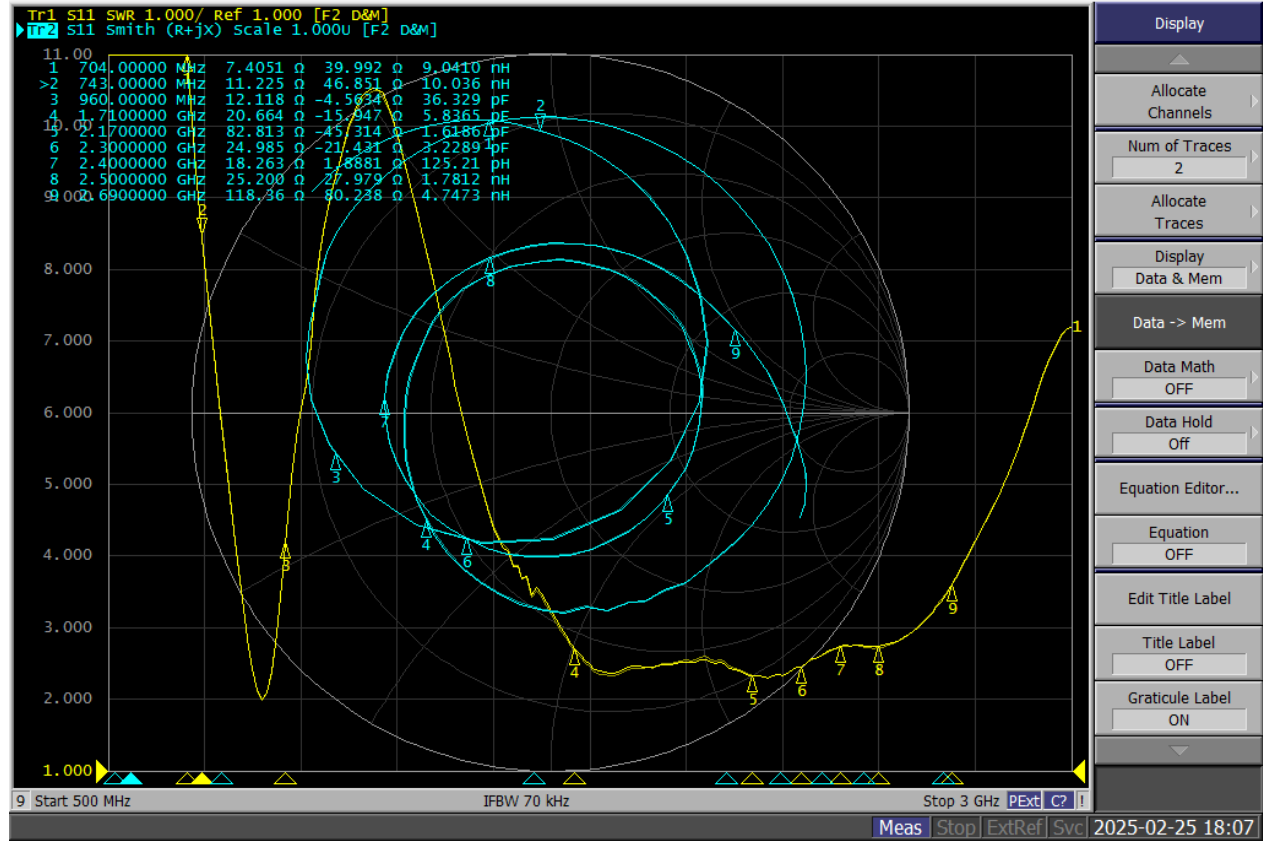


B40

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

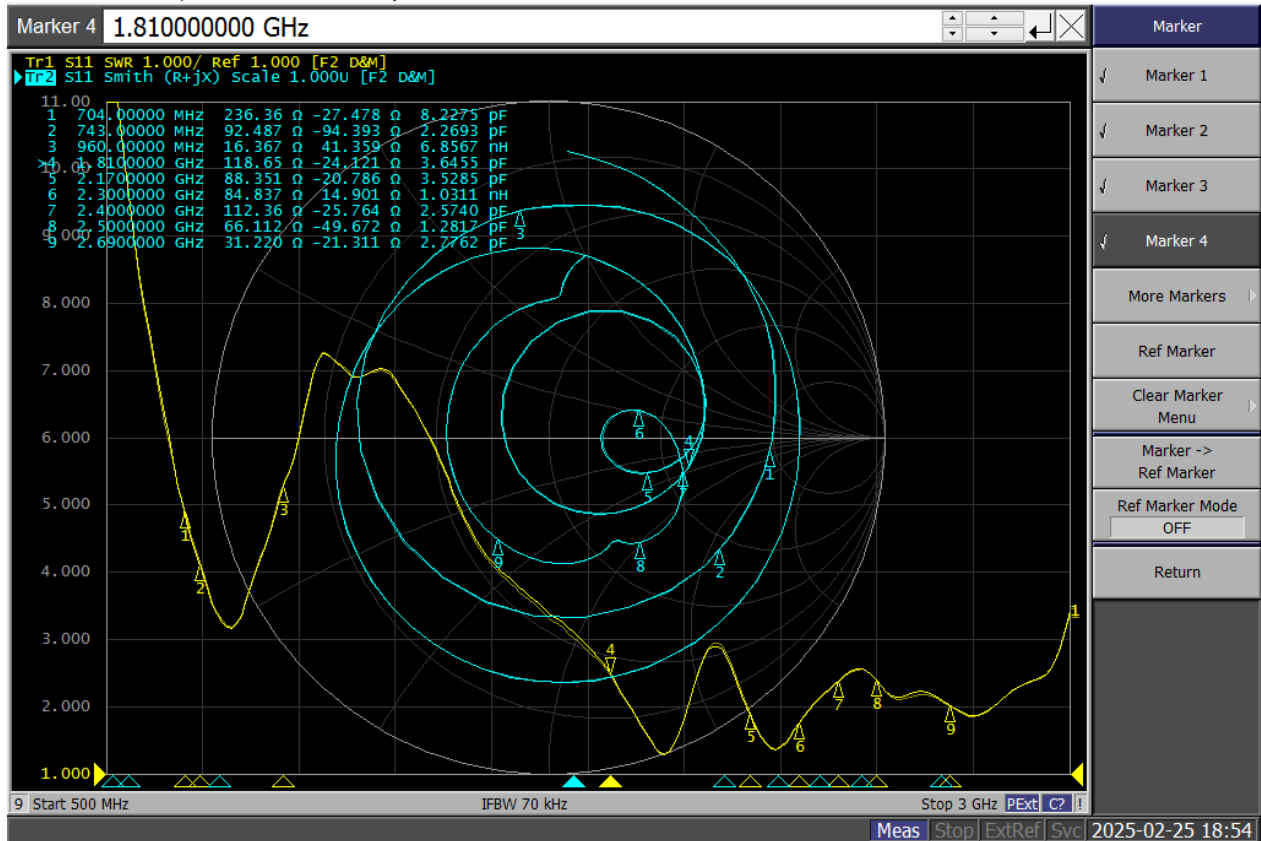
Resize



DIV Antenna

GSM850/GSM900/DCS1800/

PCS1900/W1/W2/W4/W5/W8/B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B26/B28/B38/B40/B41/B66



Three-in-one antenna

