

Feature

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

Application

B1 配置

- ※ 2G: GSM850/PCS1900
 - 3G: B2/B4/B5
 - 4G: B2/ B4/B5/B7 /B12/B17 /B26 /B40/B41/B66
- communication applications

※Antenna manufacturer

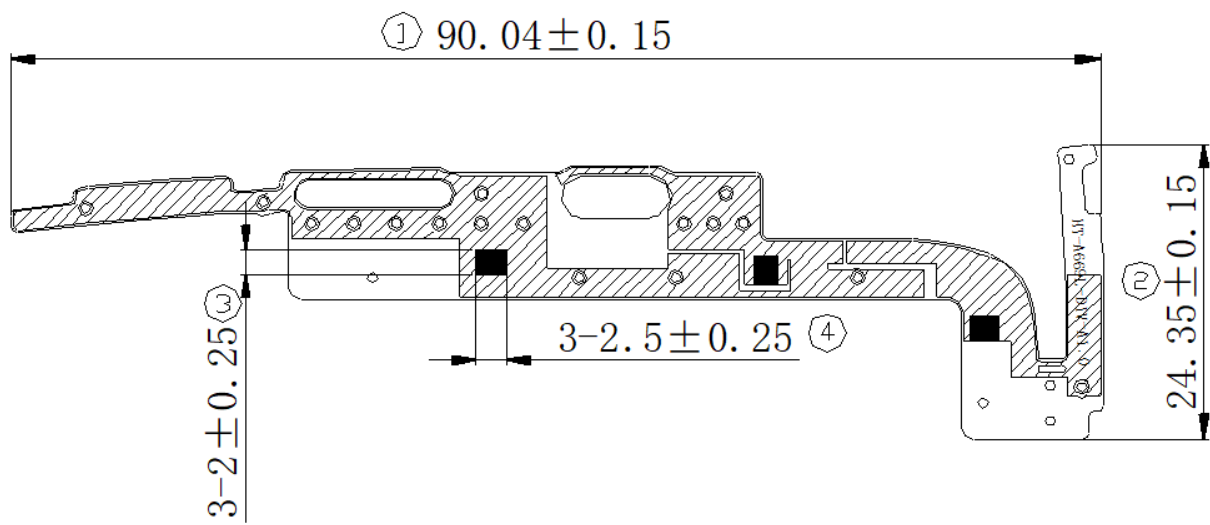
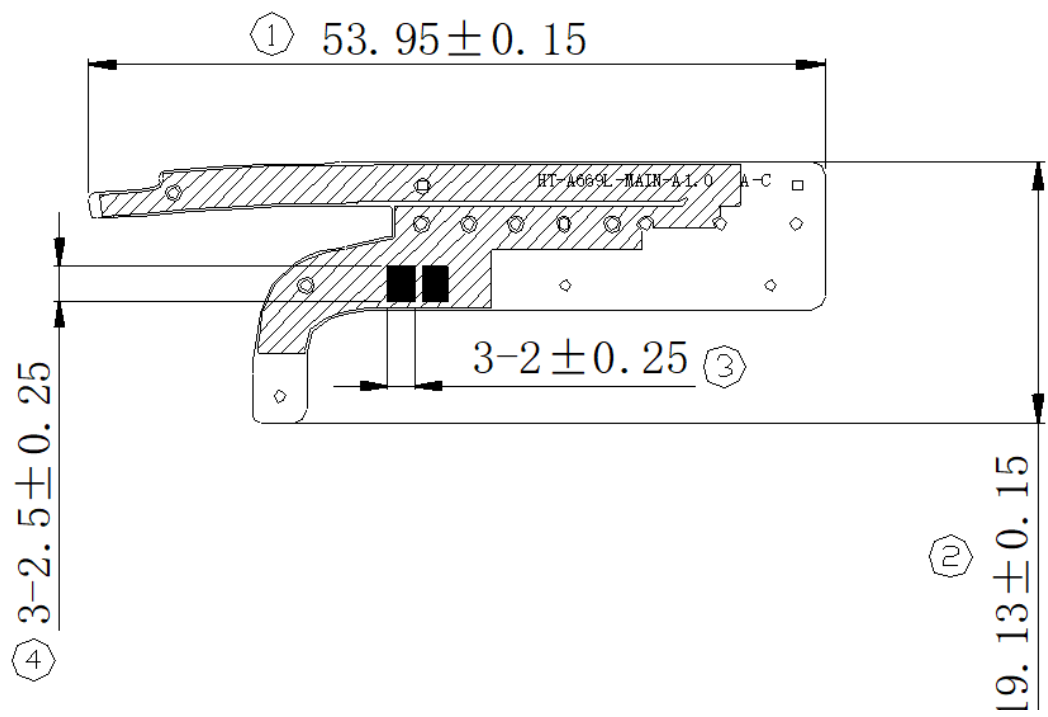
Zhejiang Haitong communications electronic Limited

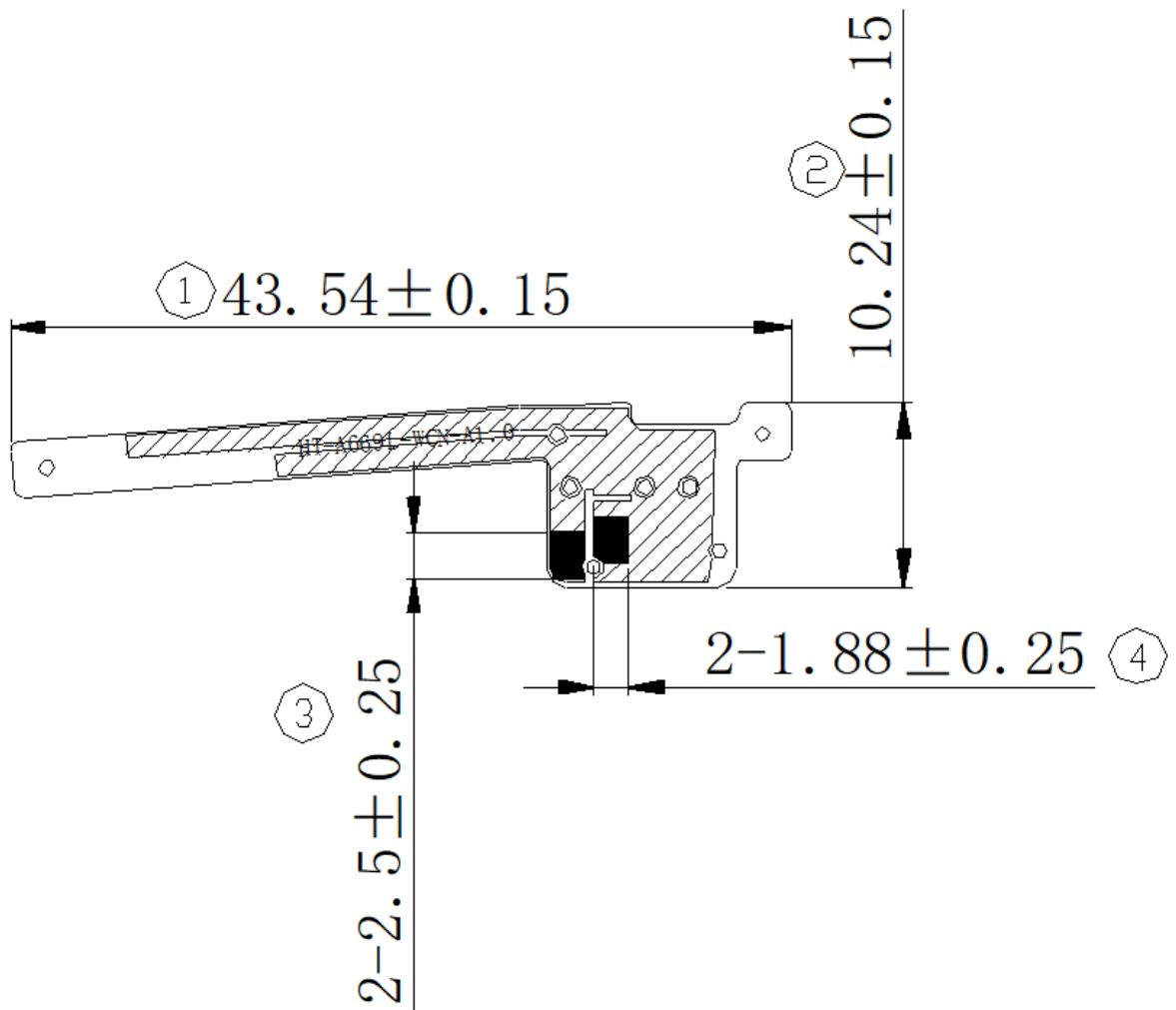
浙江海通通讯电子股份有限公司

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) PCS1900:1850-1910MHz (TX) WCDMAband II :1850~1910MHz(TX) WCDMAband IV:1710~1755MHz(TX) WCDMAband V: 824~849MHz(TX) LTE B2: 1850~1910MHz(TX) LTE B4: 1710~1755MHz(TX) LTE B5: 824~849MHzMHz(TX) LTE B7: 2500~2570MHz(TX) LTE B12: 699~716MHz(TX) LTE B17: 704~716MHz(TX) LTE B20: 832~862MHz(TX) LTE B26: 814~849MHz(TX) LTE B40: 2300~2400MHz(TX) LTE B41: 2535~2655MHz(TX) LTE B66: 1710~1780MHz(TX) WIFI:2412 -2472 MHz

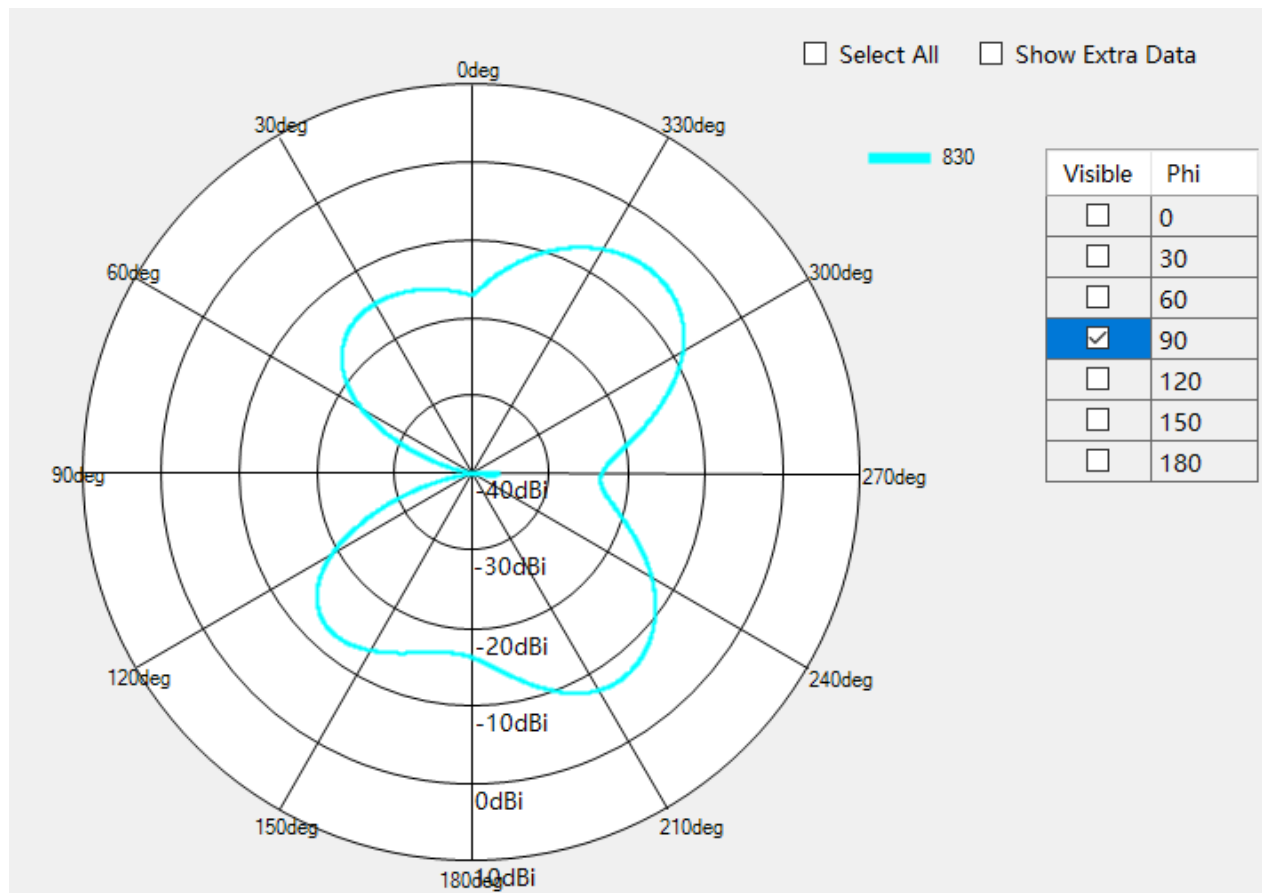
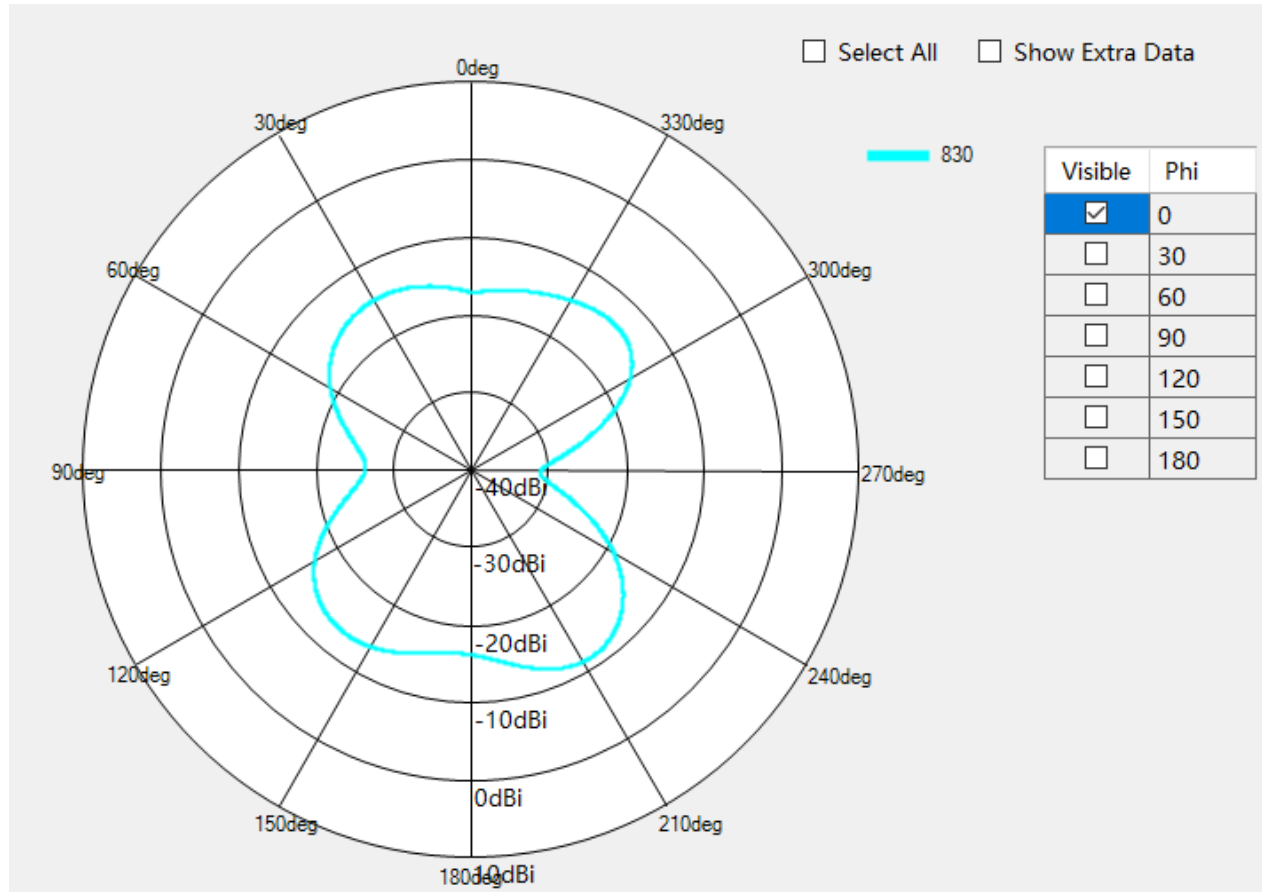
	GPS:1575.42MHz Bluetooth:2408 - 2480 MHz
Receiver Frequency	GSM850: 869-894MHz (RX) PCS1900:1930-1990MHz (RX) WCDMAband II :1930~1990MHz(RX) WCDMAband IV:2110~2155MHz(RX) WCDMAband V: 869~894MHz(RX) LTE B2: 1930~1990MHz(RX) LTE B4: 2110~2155MHz(RX) LTE B5: 869~894MHzMHz(RX) LTE B7: 2620~2690MHz(RX) LTE B12: 729~746MHz(RX) LTE B17: 734~746MHz(RX) LTE B26: 859~894MHz(RX) LTE B40: 2300~2400MHz(RX) LTE B41: 2565~2645MHz(RX) LTE B66: 2110~2200MHz(RX)
RF-Output Power (E.I.R.P)	GSM850: 33+/-2dBm PCS1900:30+/-2dBm WCDMA 850: 22.5+/-2dBm WCDMA 900: 22.5+/-2dBm WCDMA 1800: 22.5+/-2dBm WCDMA 1900: 22.5+/-2dBm WCDMA 2100: 22.5+/-2dBm LTE B2:22+/-2dBm LTE B4:22+/-2dBm LTE B5:22+/-2dBm LTE B7:22+/-2dBm LTE B12:22+/-2dBm LTE B17:22+/-2dBm LTE B26:22+/-2dBm LTE B40:22+/-2dBm LTE B41:22+/-2dBm LTE B66:22+/-2dBm

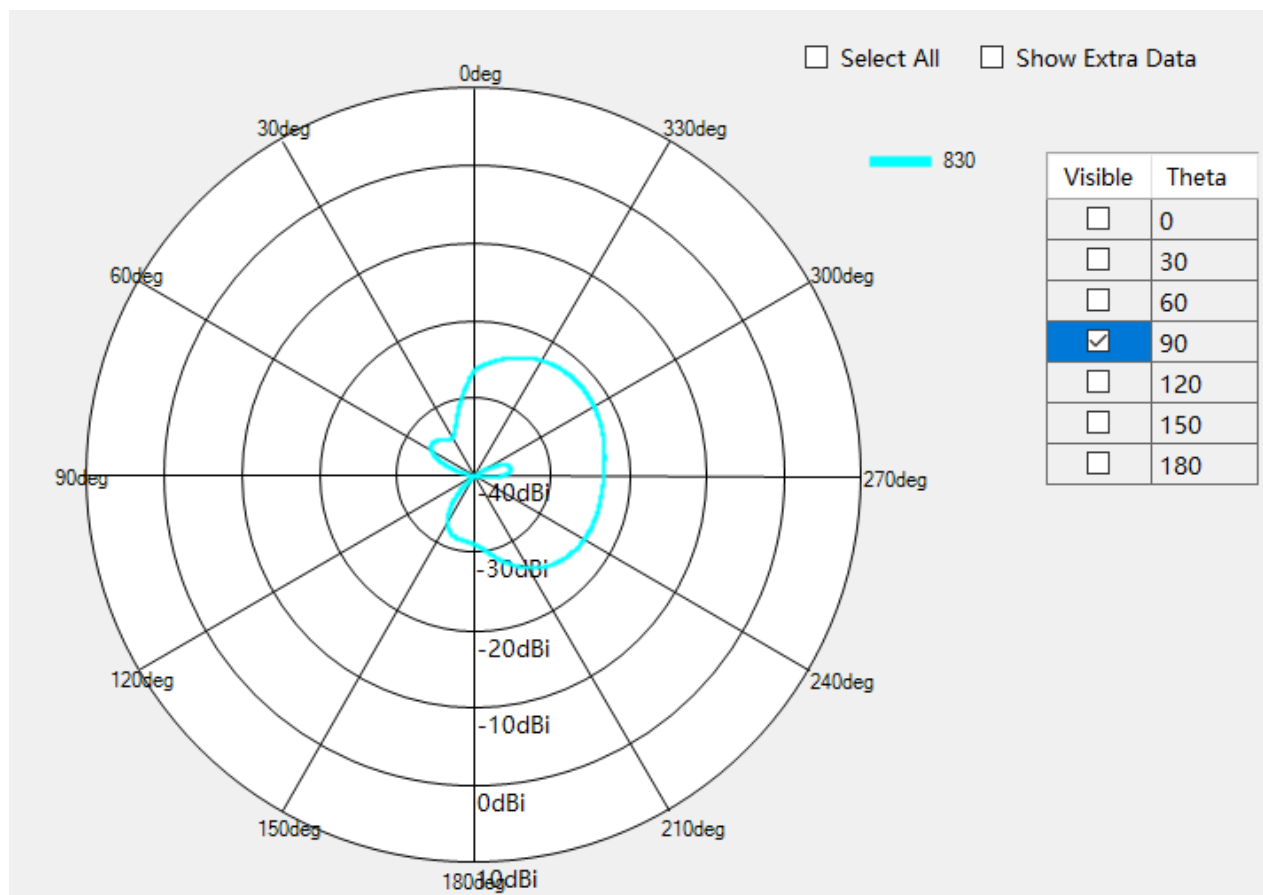
Antenna Gain	GSM850: -4.42 dBi DCS1900: -2.69 dBi WCDMA 850: -4.42dBi WCDMA 900: -3.65dBi WCDMA 1800: -2.97 dBi WCDMA 1900: -2.69 dBi WCDMA 2100: -1.86 dBi LTE B2: -2.69 dBi LTE B4: -2.97 dBi LTE B5: -4.42 dBi LTE B7: -1.18 dBi LTE B12: -5.53 dBi LTE B17: -5.53 dBi LTE B26: -4.42 dBi LTE B40: -2.78 dBi LTE B41: -2.17 dBi LTE B66: -2.97 dBi WIFI/BT: -0.17 dBi GPS: -2.50 dBi
Power of antenna:	GSM850: 25.0dBm PCS1900: 25.9dBm WCDMA 850: 14.7dBm WCDMA 900:15.7dBm WCDMA 1800: 15.9dBm WCDMA 1900:17.2 dBm WCDMA 2100: 16.4dBm LTE B2: 17.3dBm LTE B4: 15.4 dBm LTE B5: 14.4dBm LTE B7: 18.3dBm LTE B12: 13.1dBm LTE B17: 13.6dBm LTE B26: 16.3dBm LTE B40: 15.1dBm LTE B41: 17.3dBm LTE B66: 16.5dBm WIFI-11n: 9.5dBm GPS: -152.7 BT: 3.5dBm
Type of Modulation	GMSK/8PSK/QPSK/16QAM/64QAM/GFSK, $\pi/4$ -DQPSK,8DPSK

※ Antenna Gain

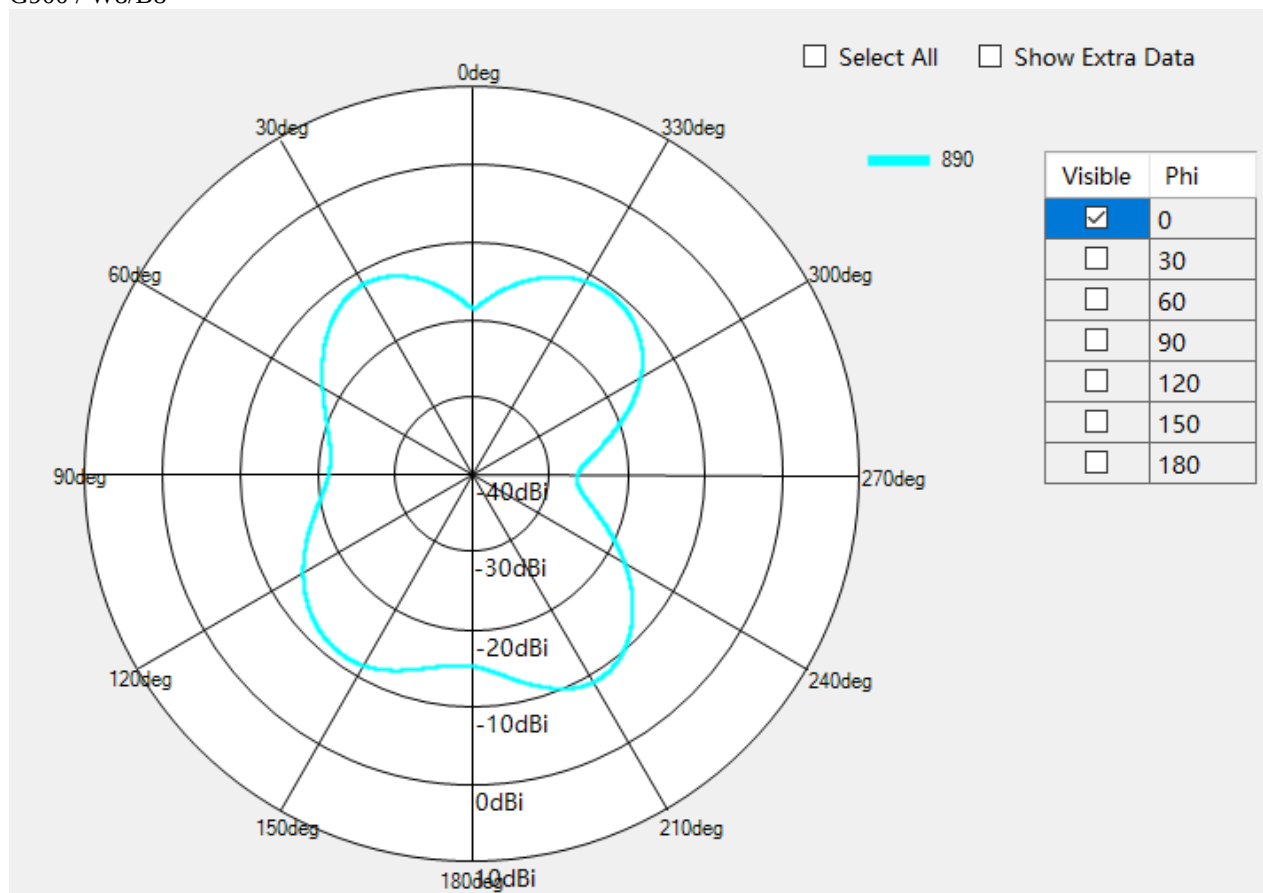
Main Antenna

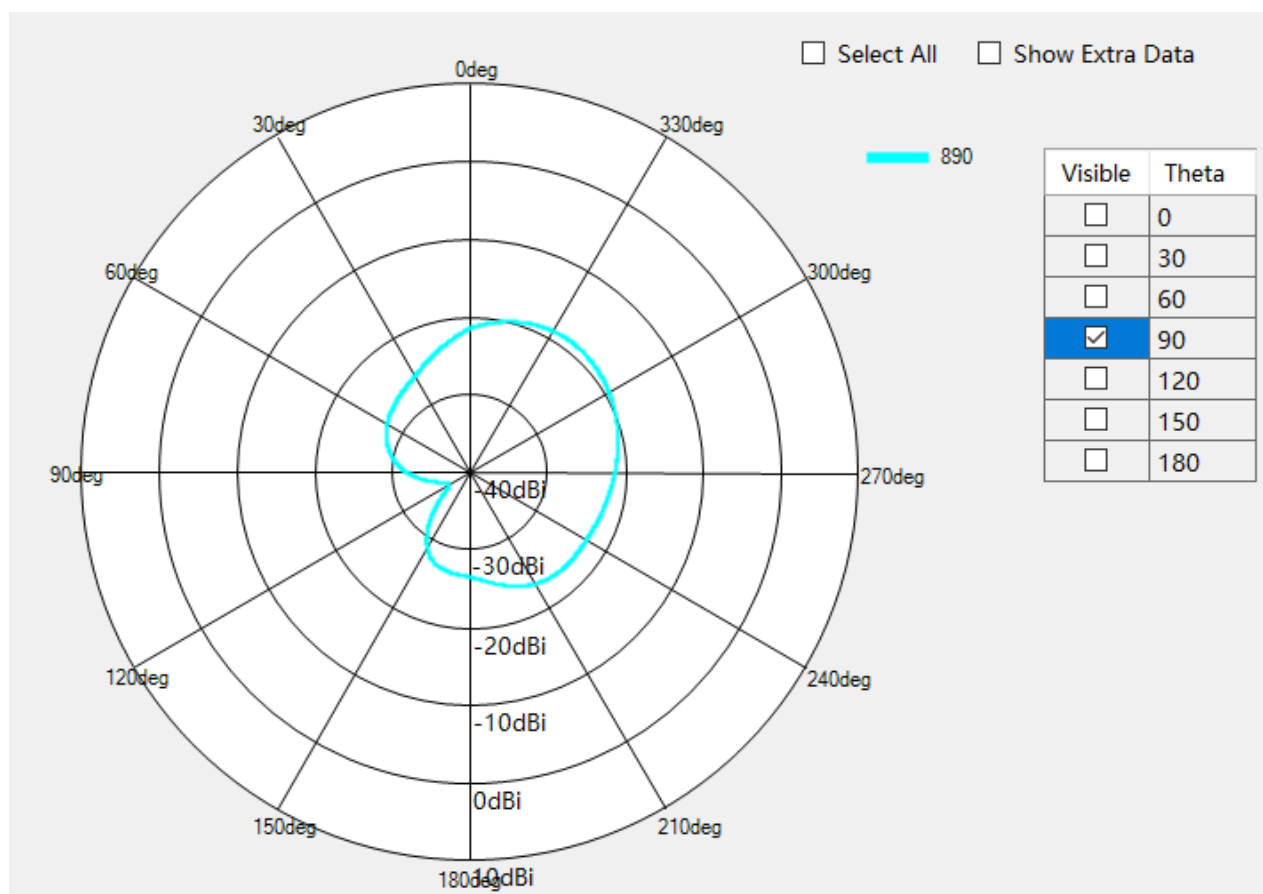
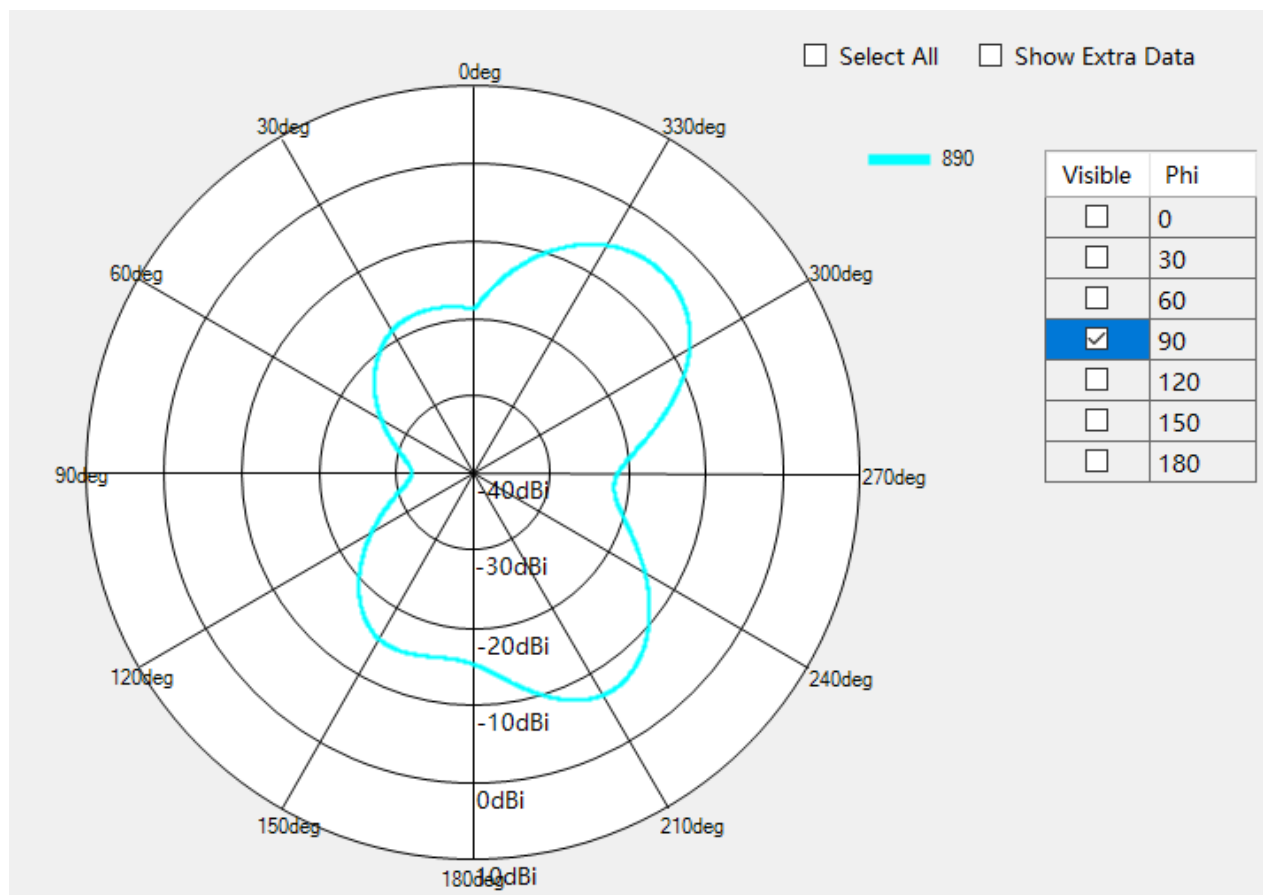
G850 W5 /B5/20/26

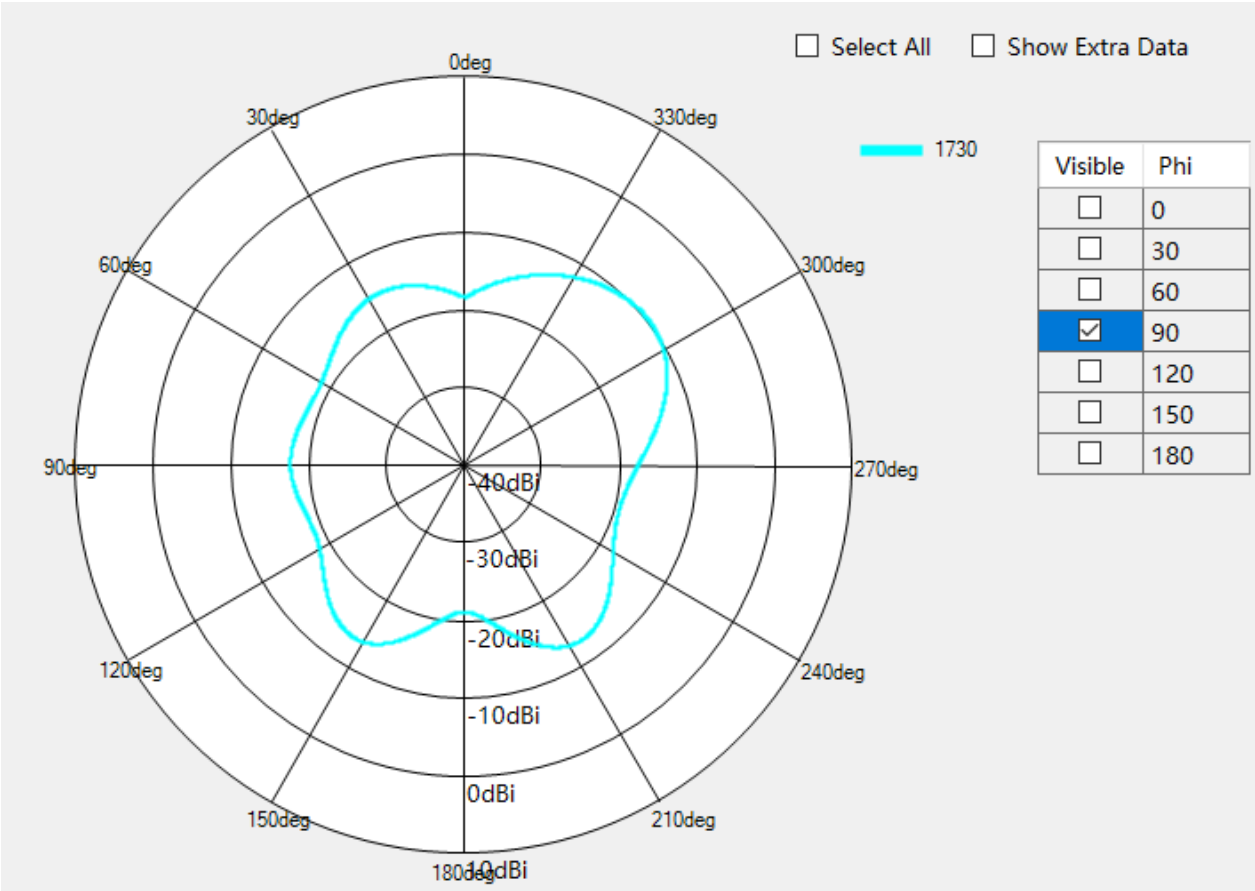
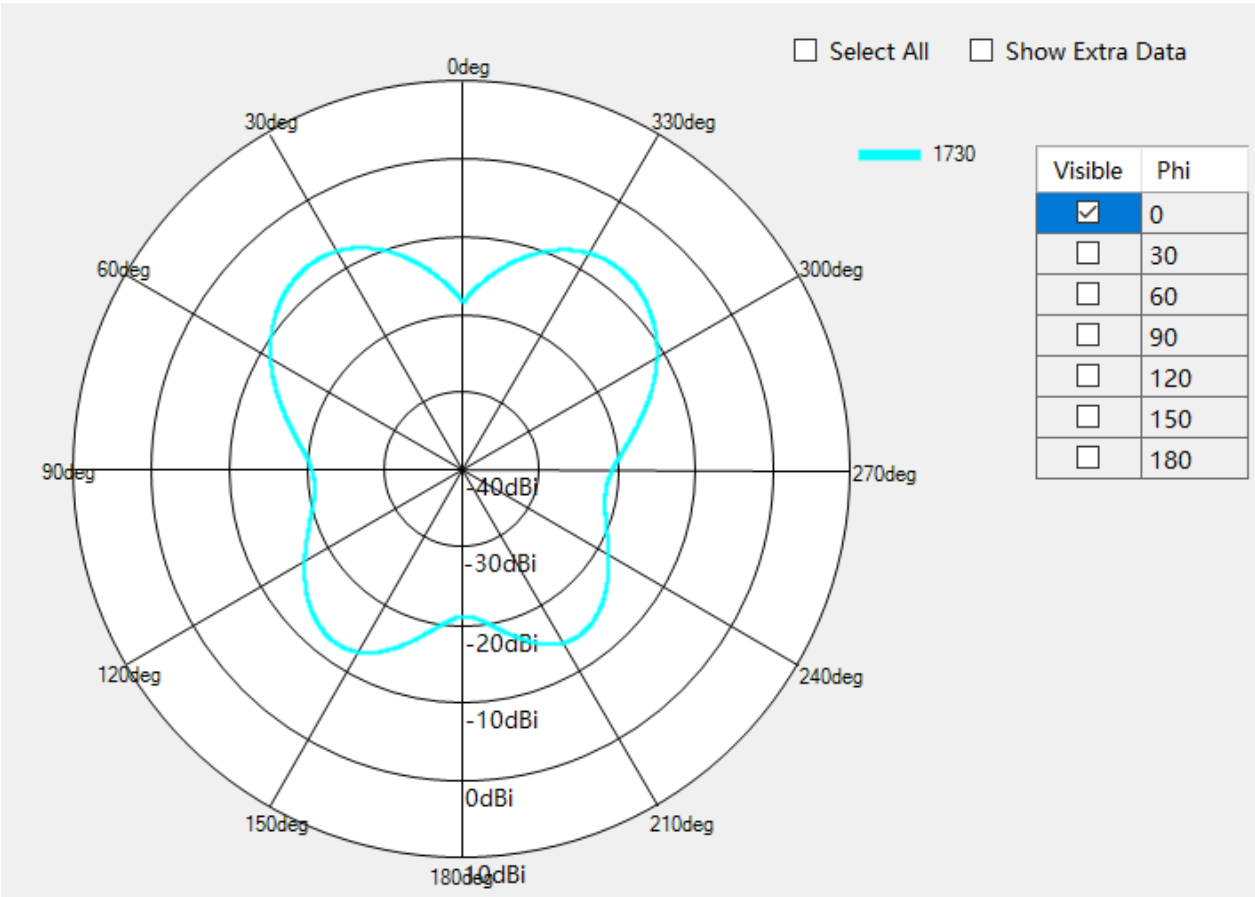


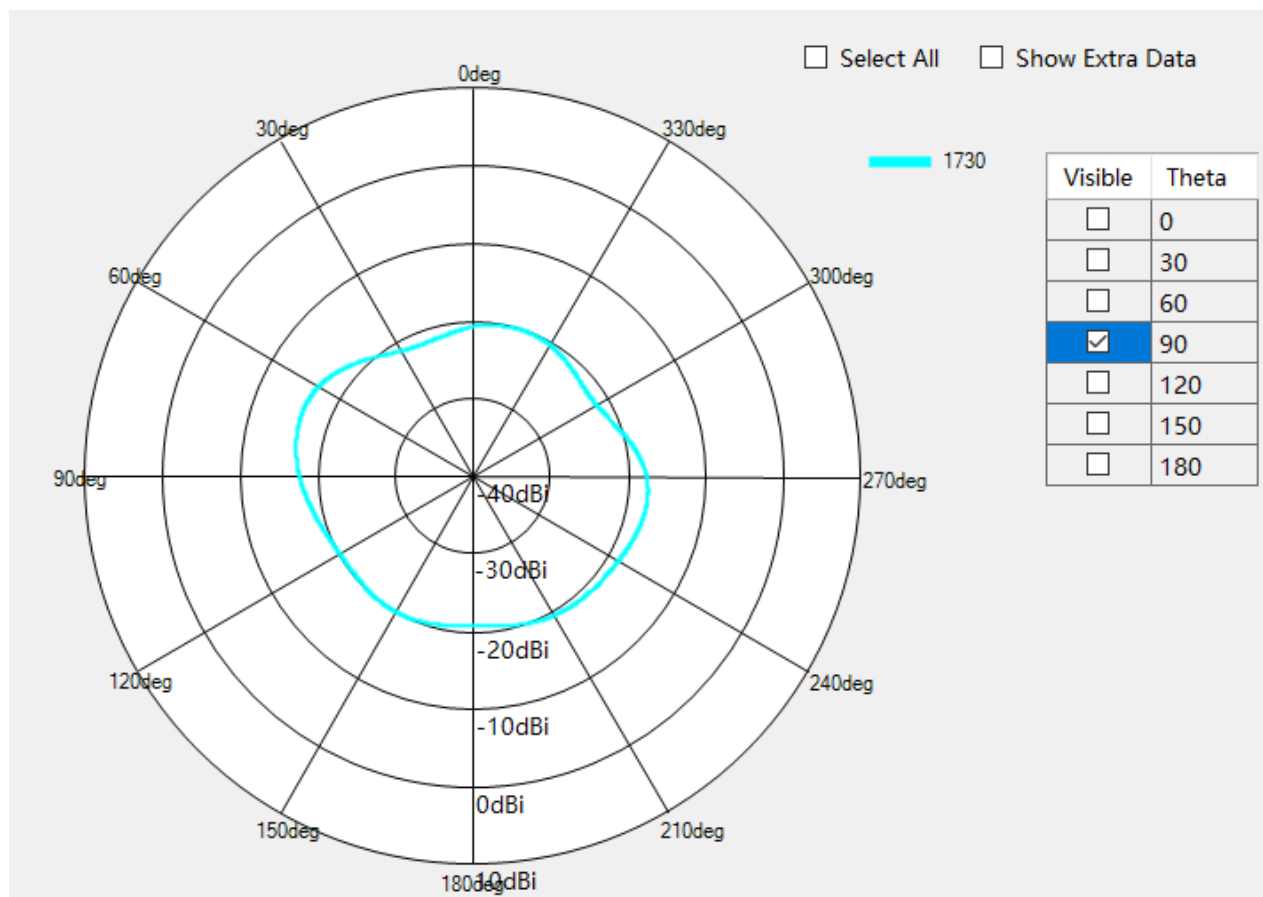


G900 / W8/B8

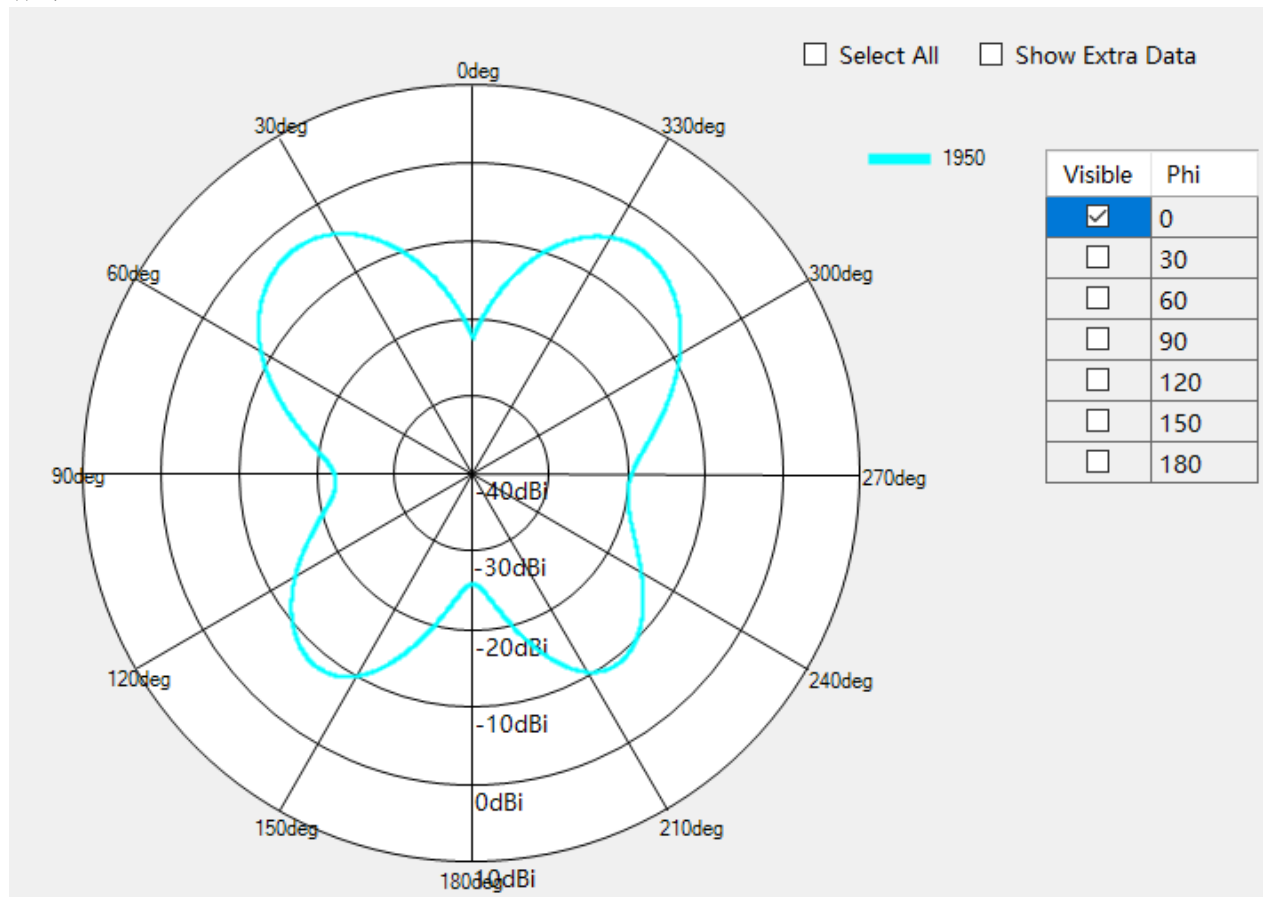


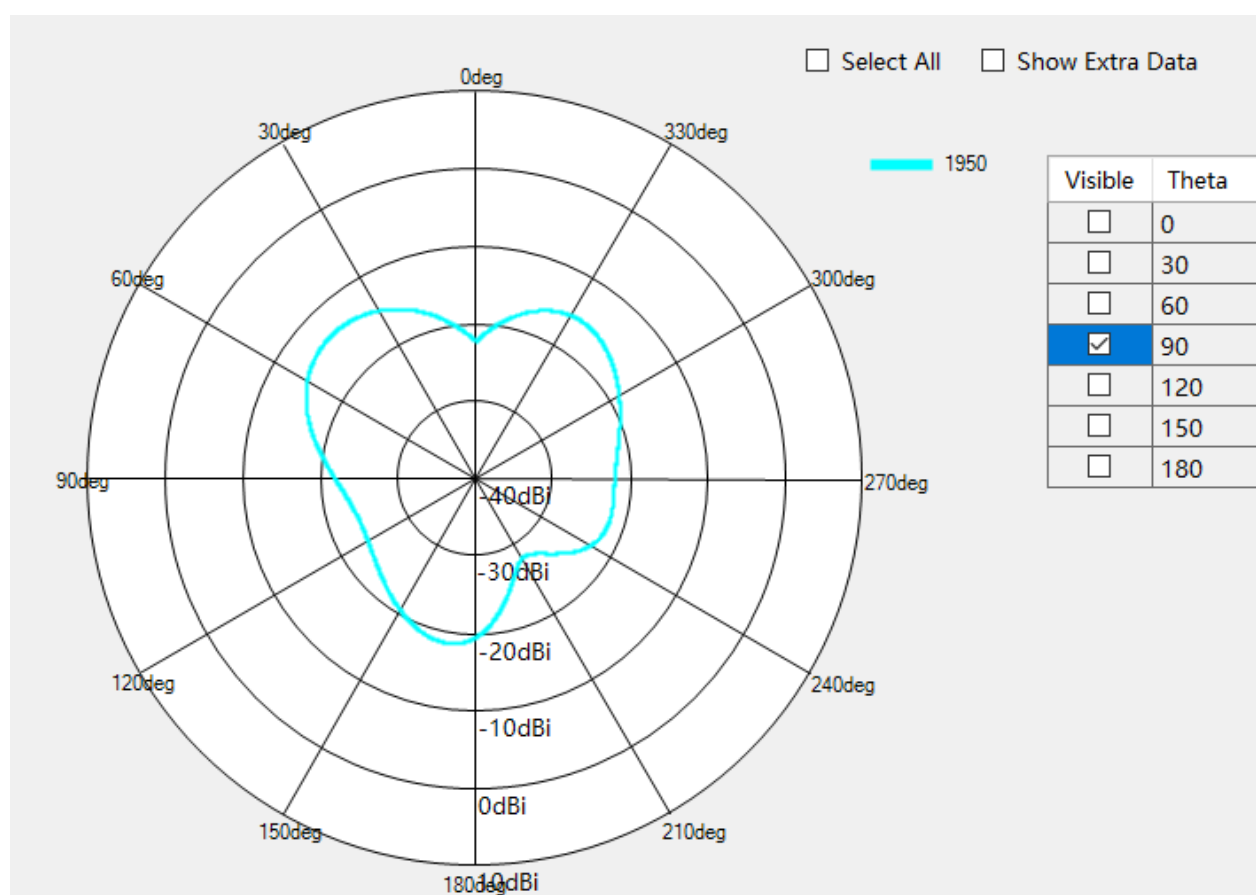
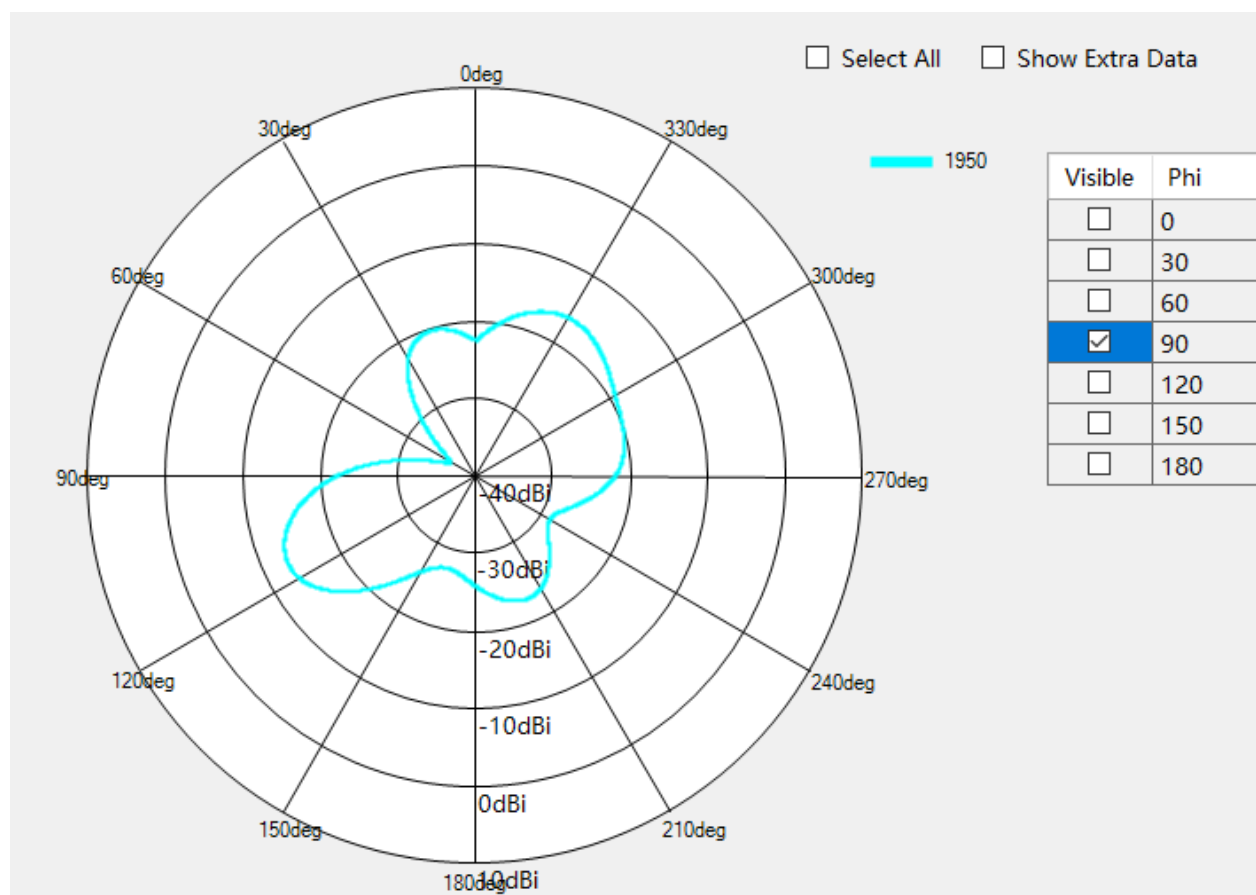


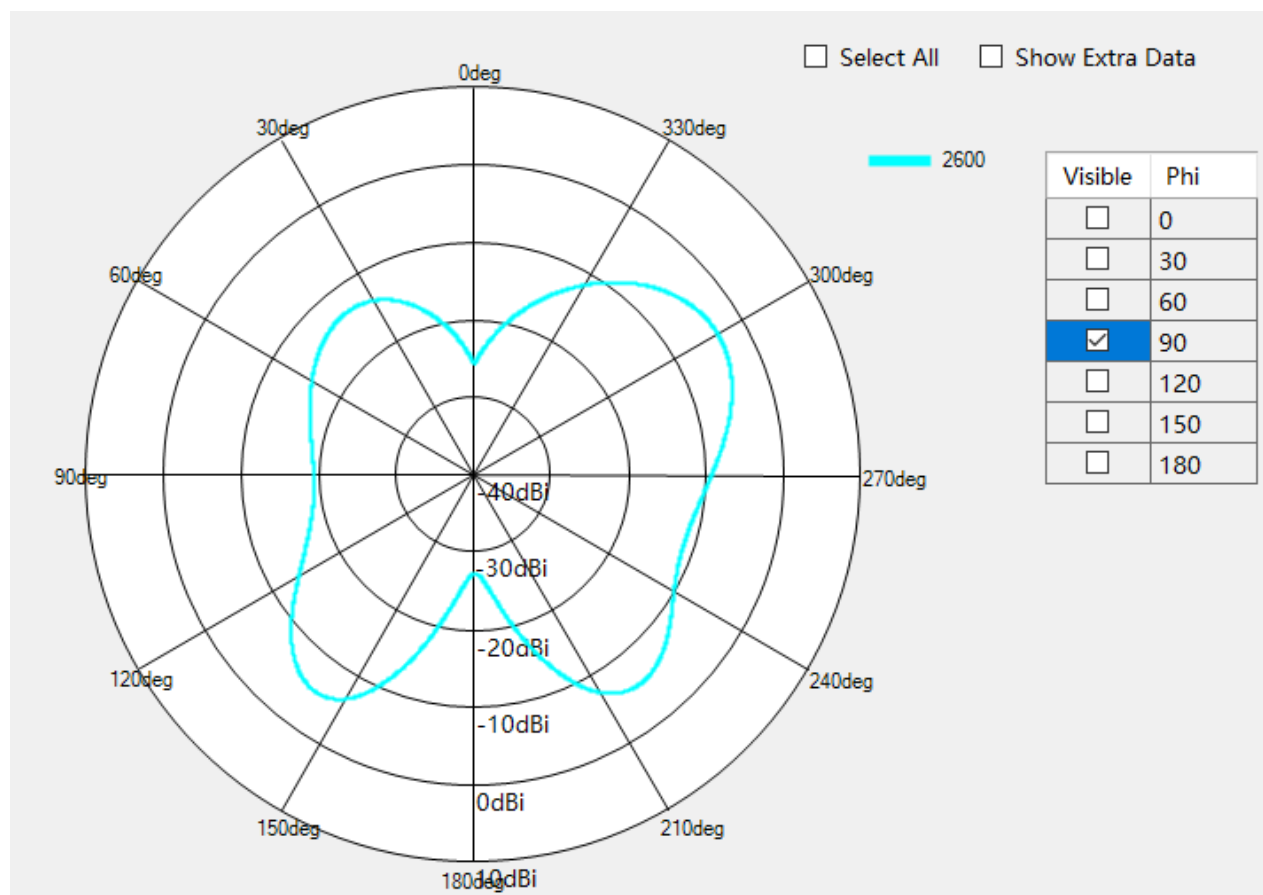
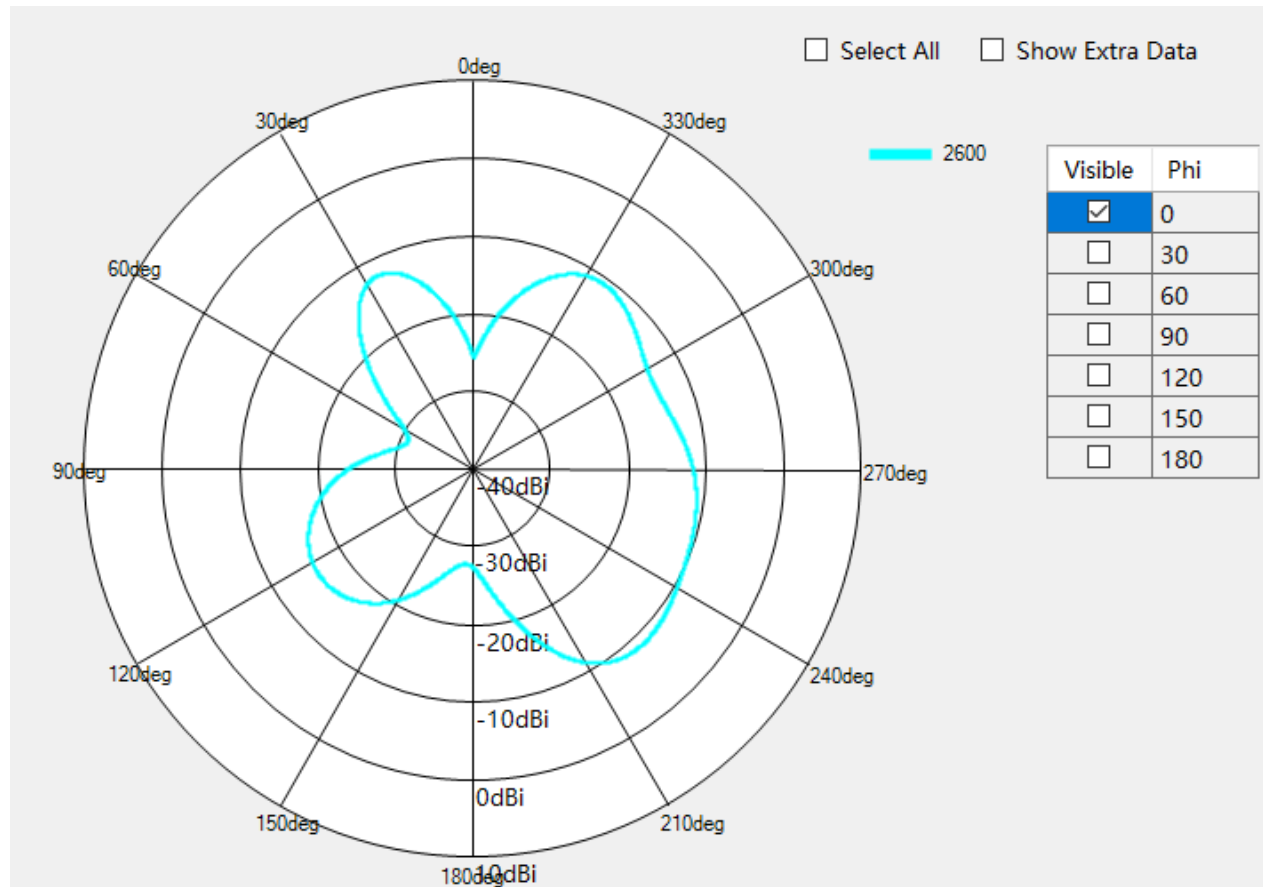


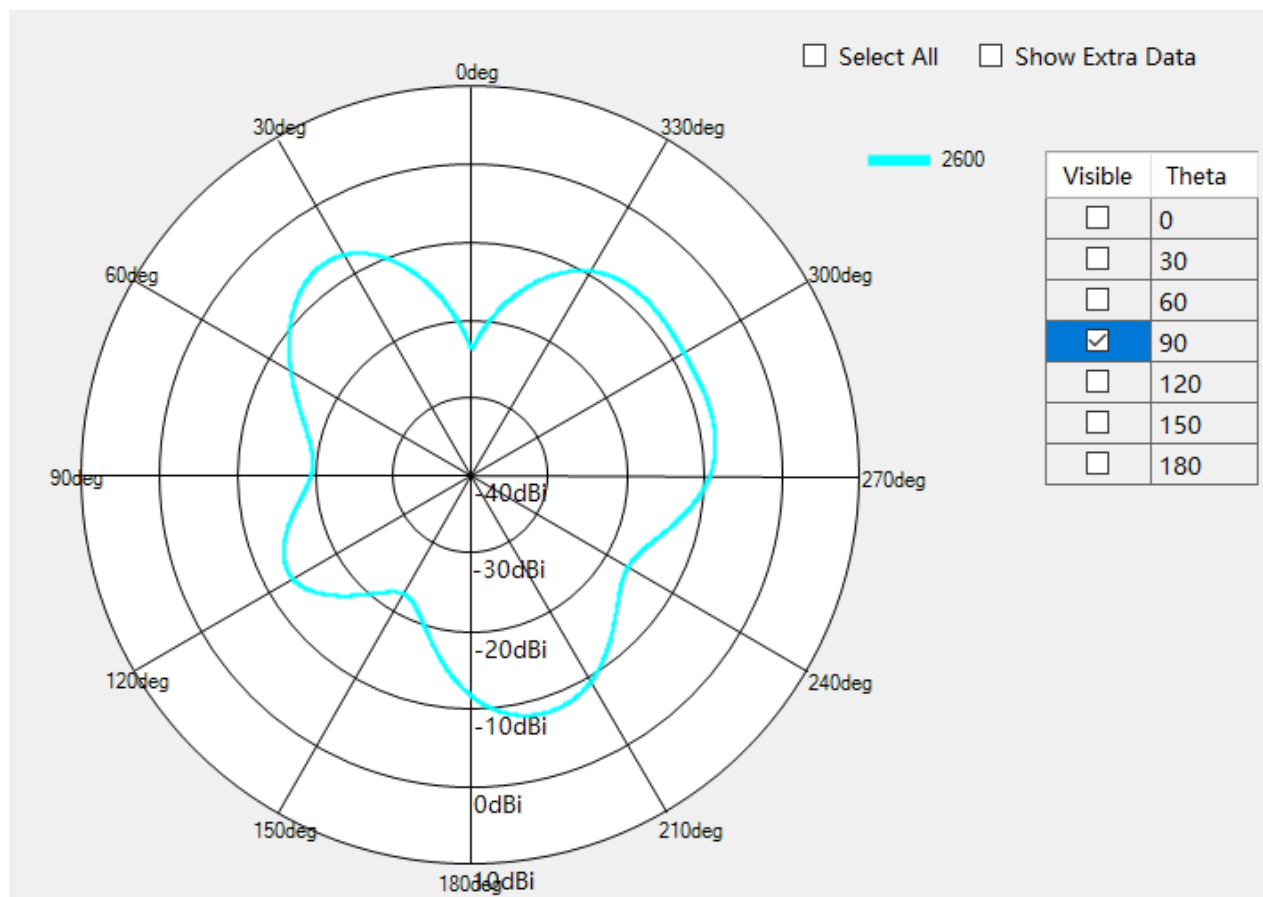


W1 /B1

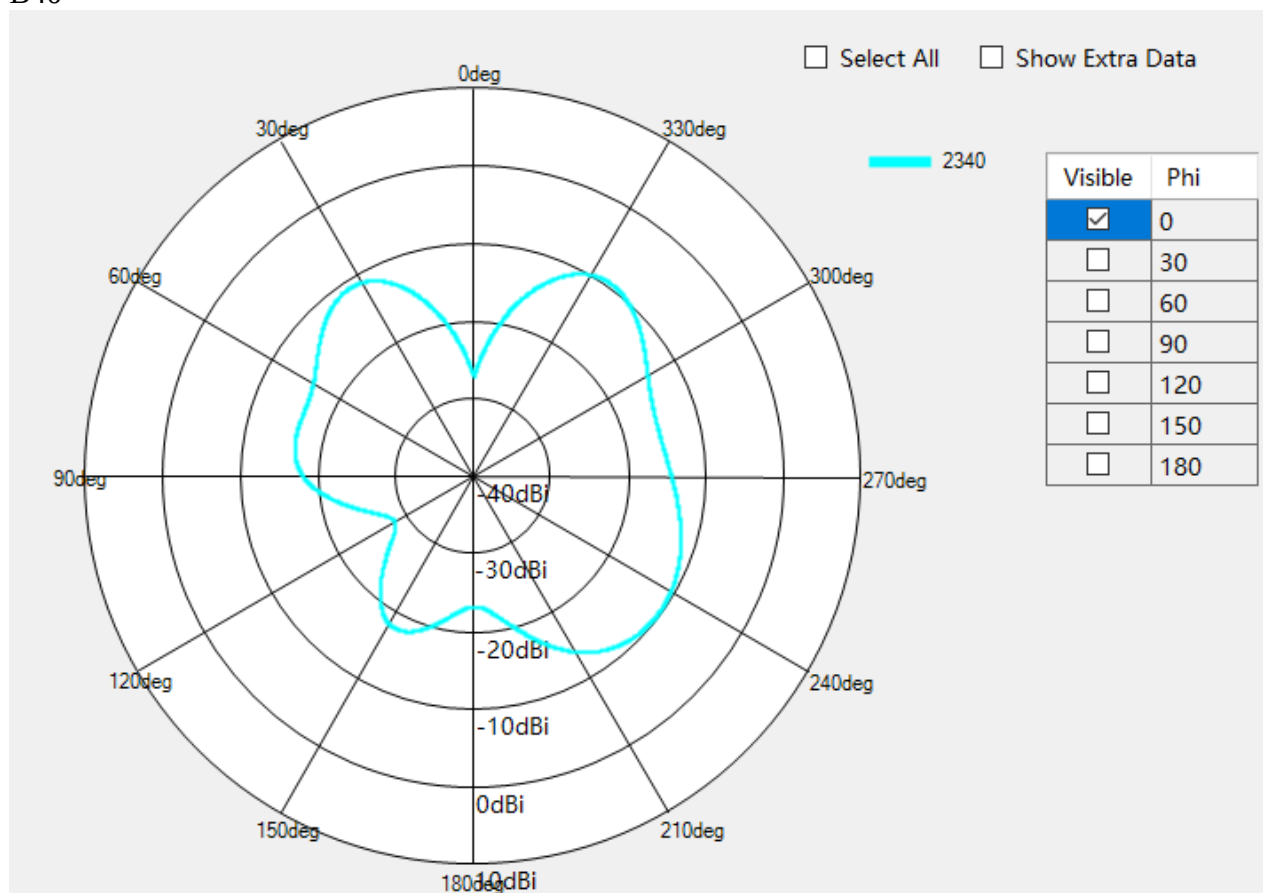


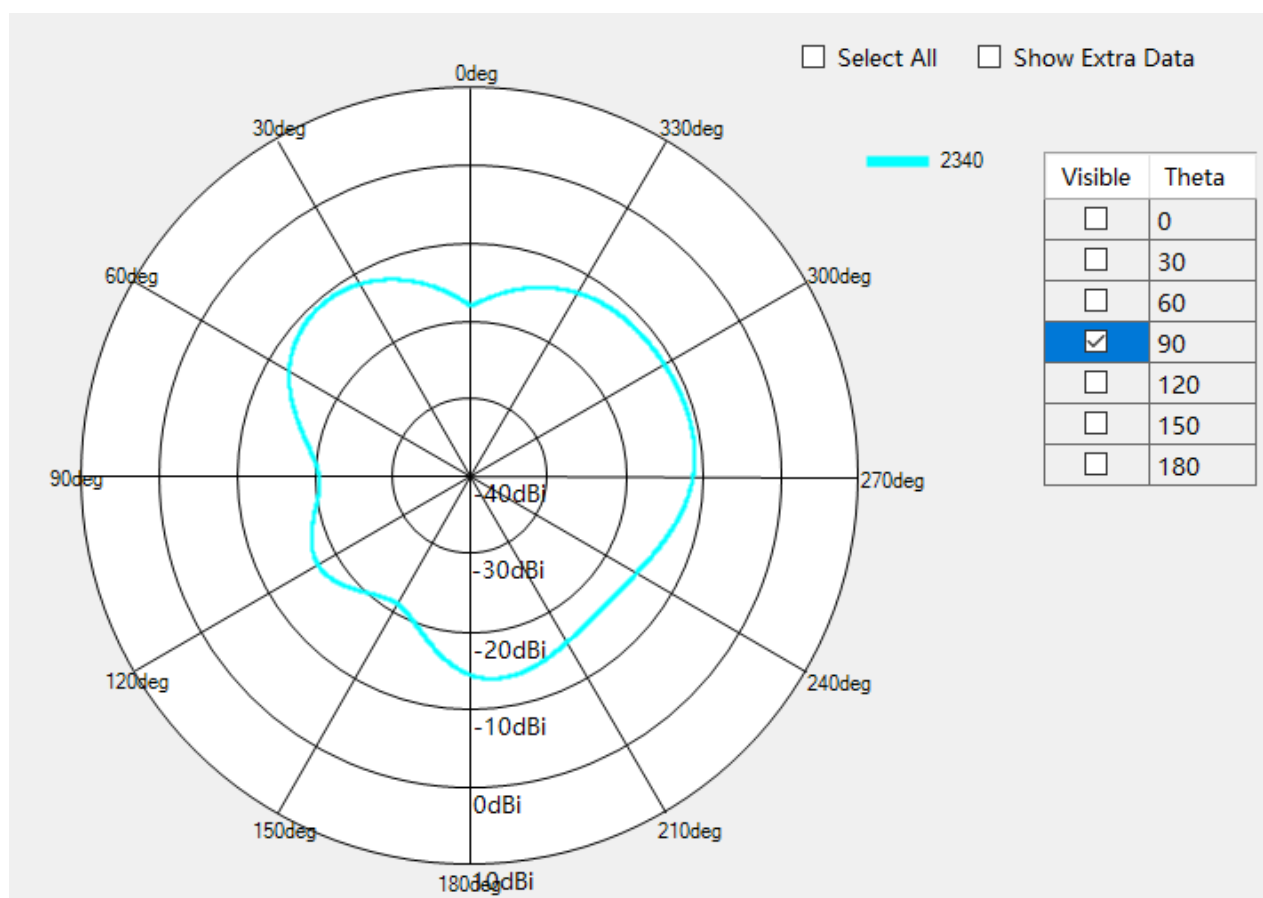
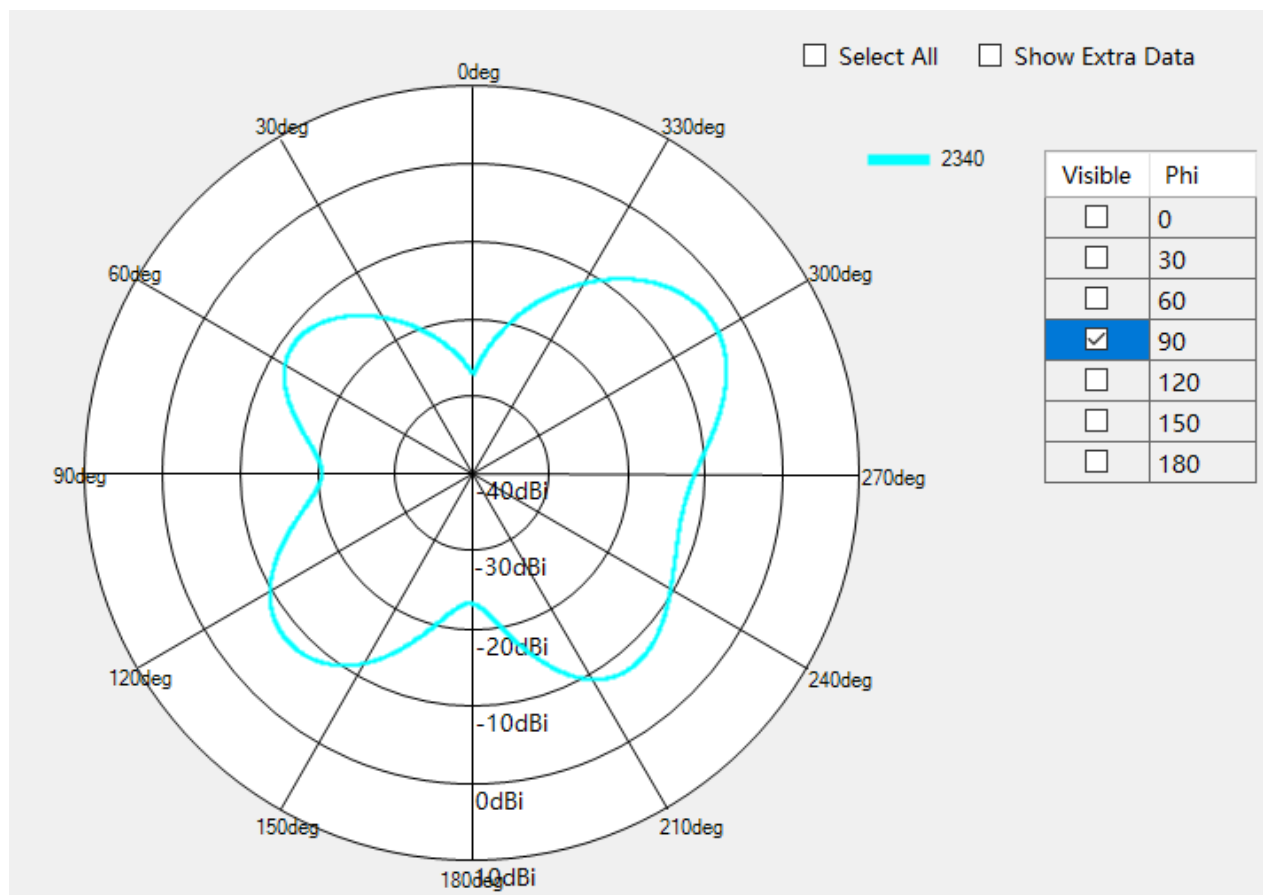


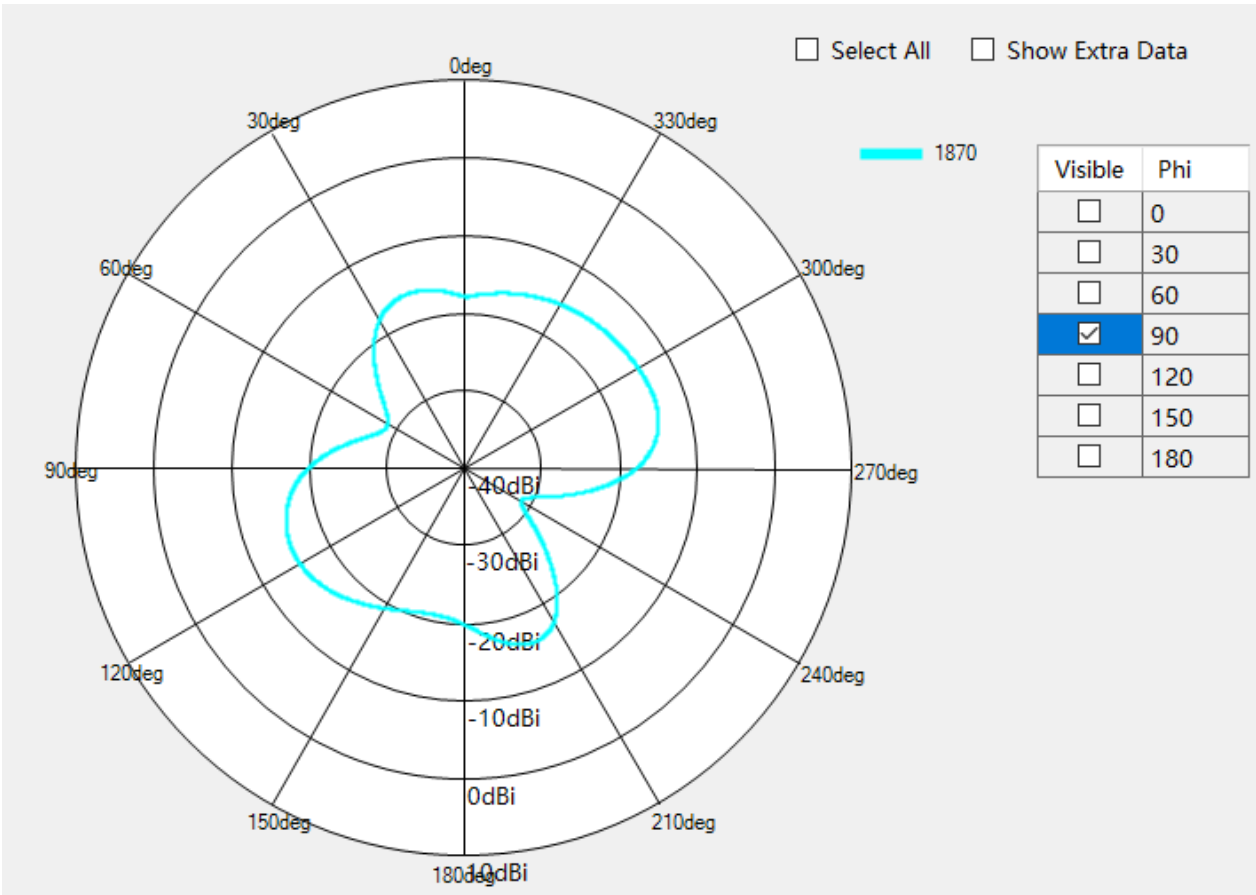
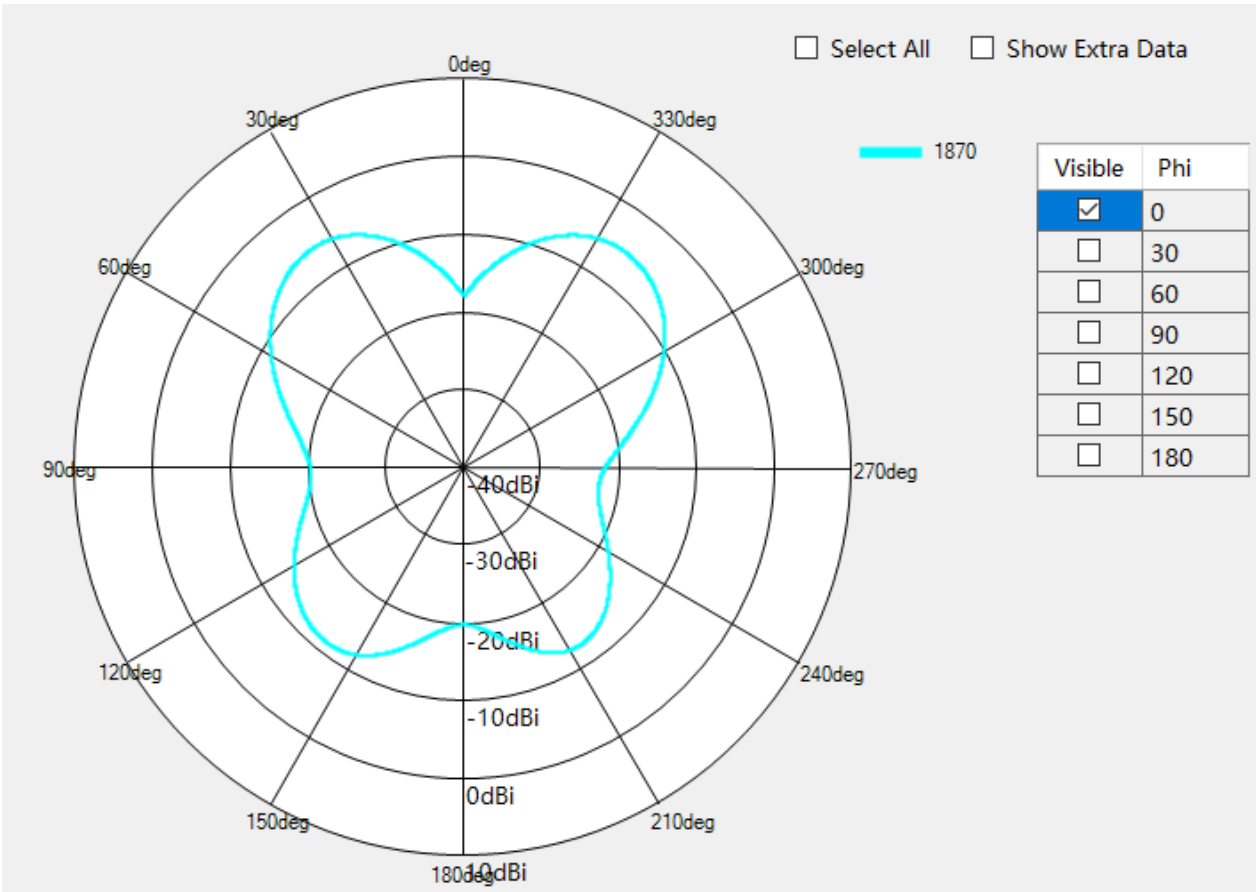


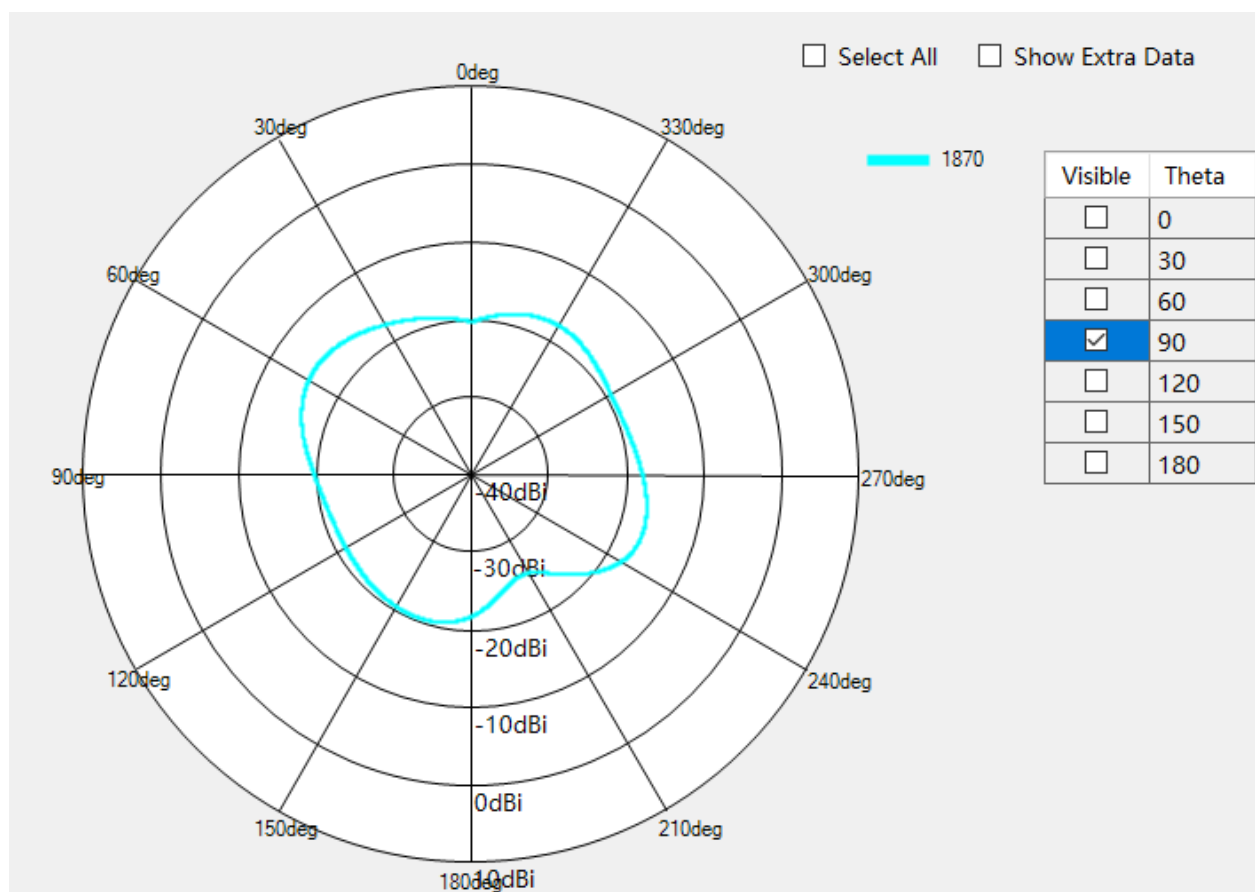


B40

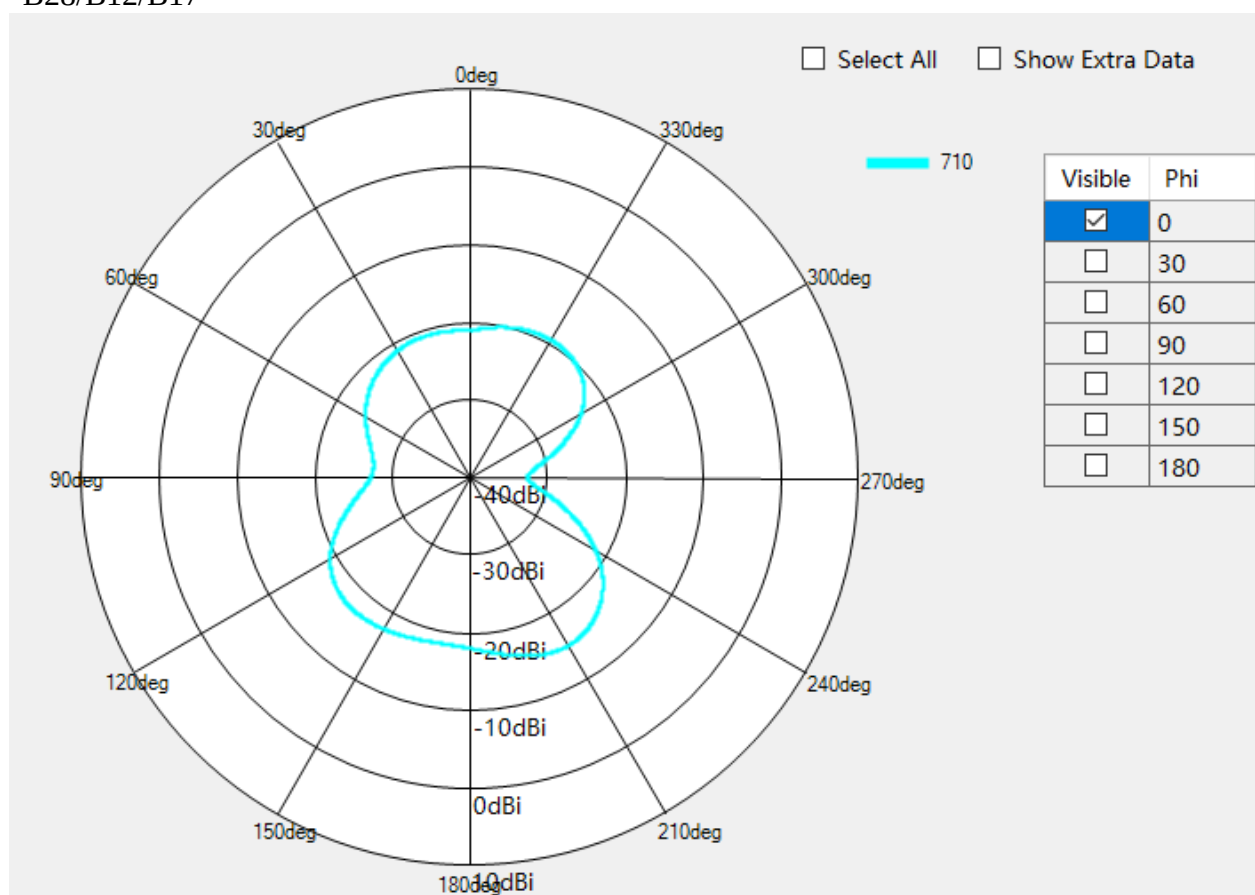


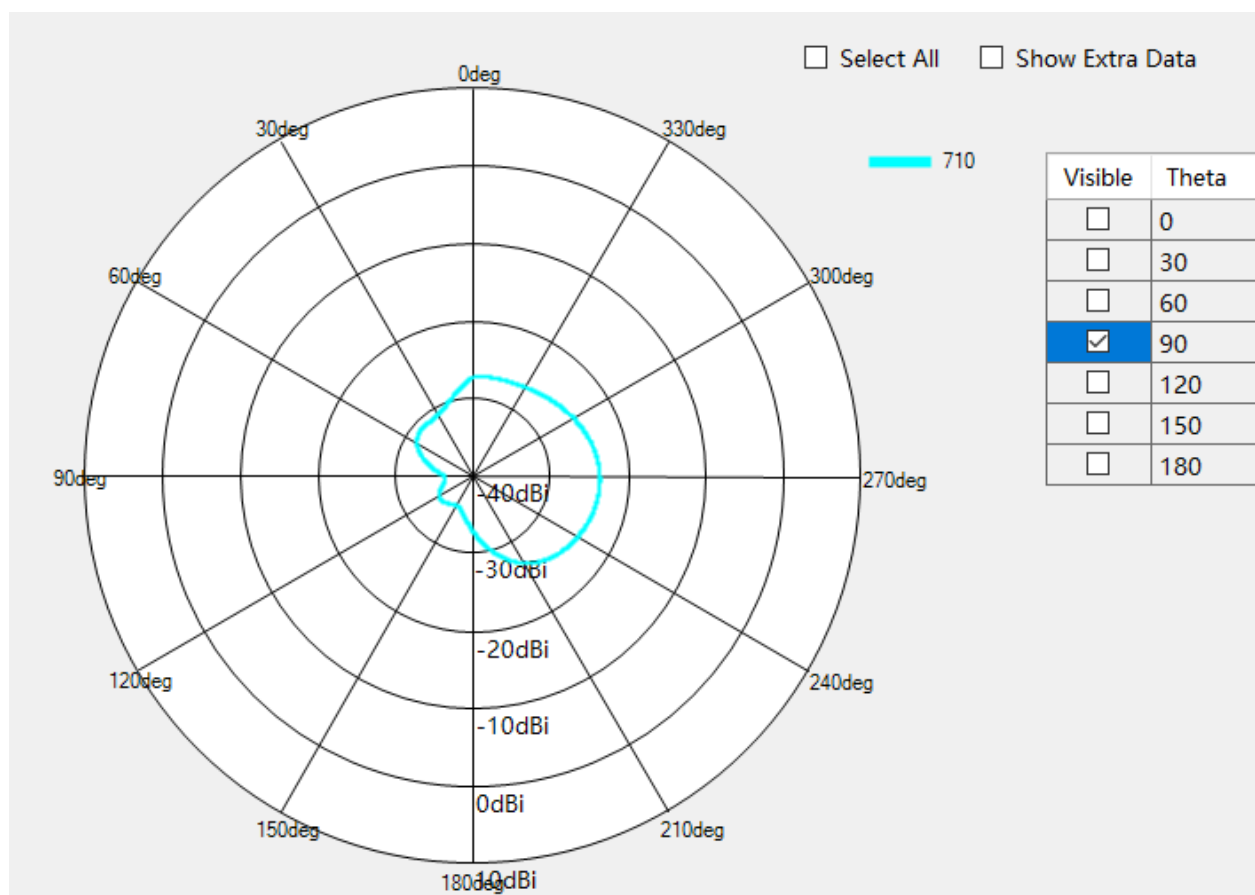
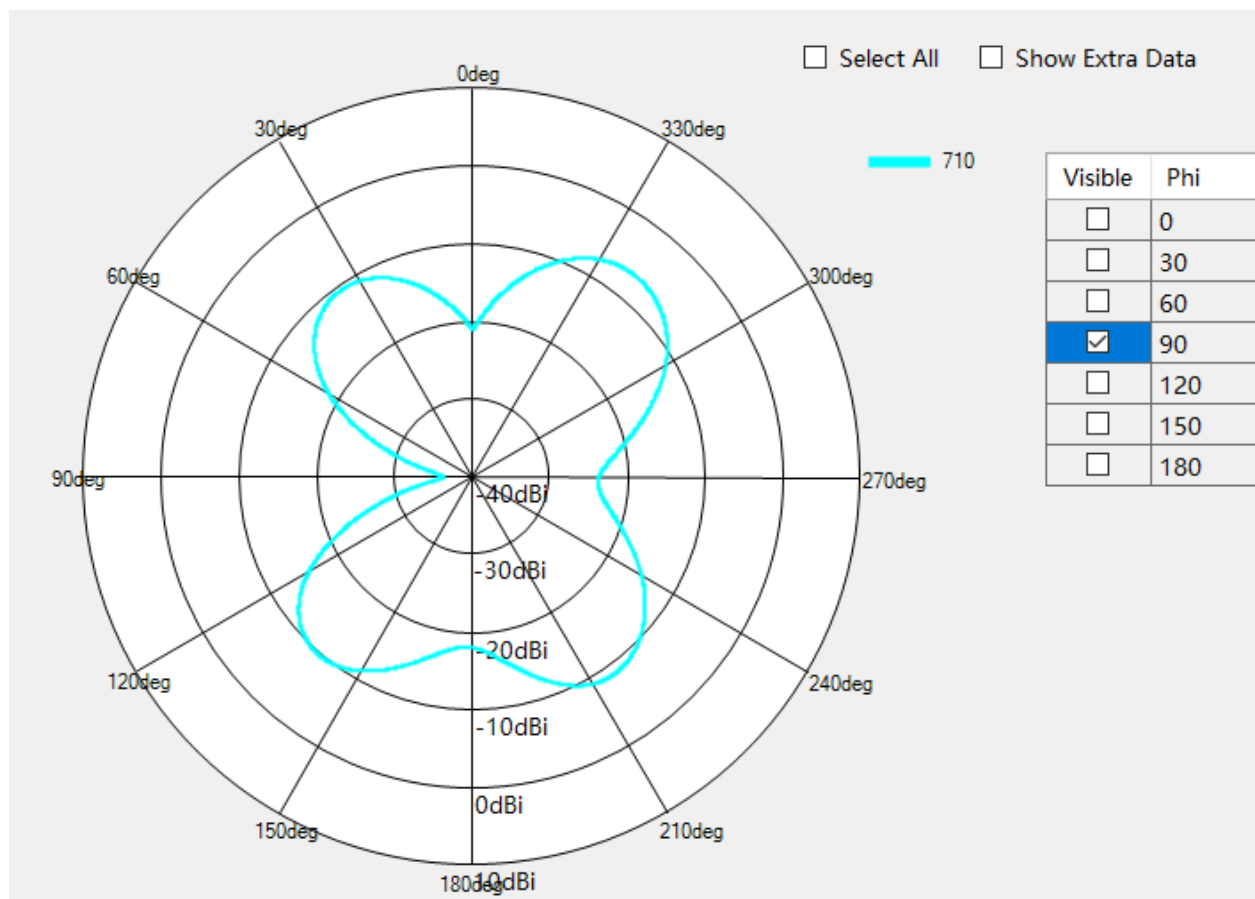






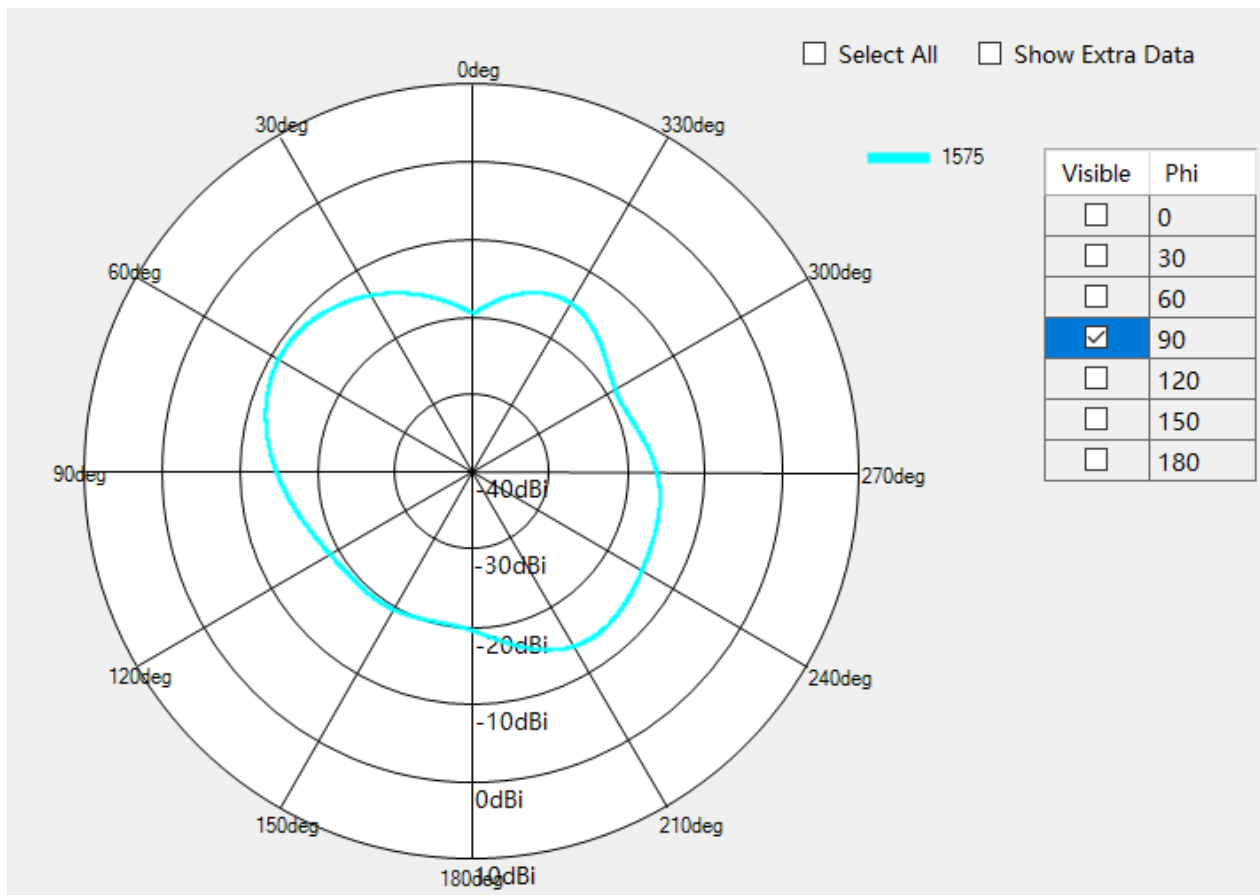
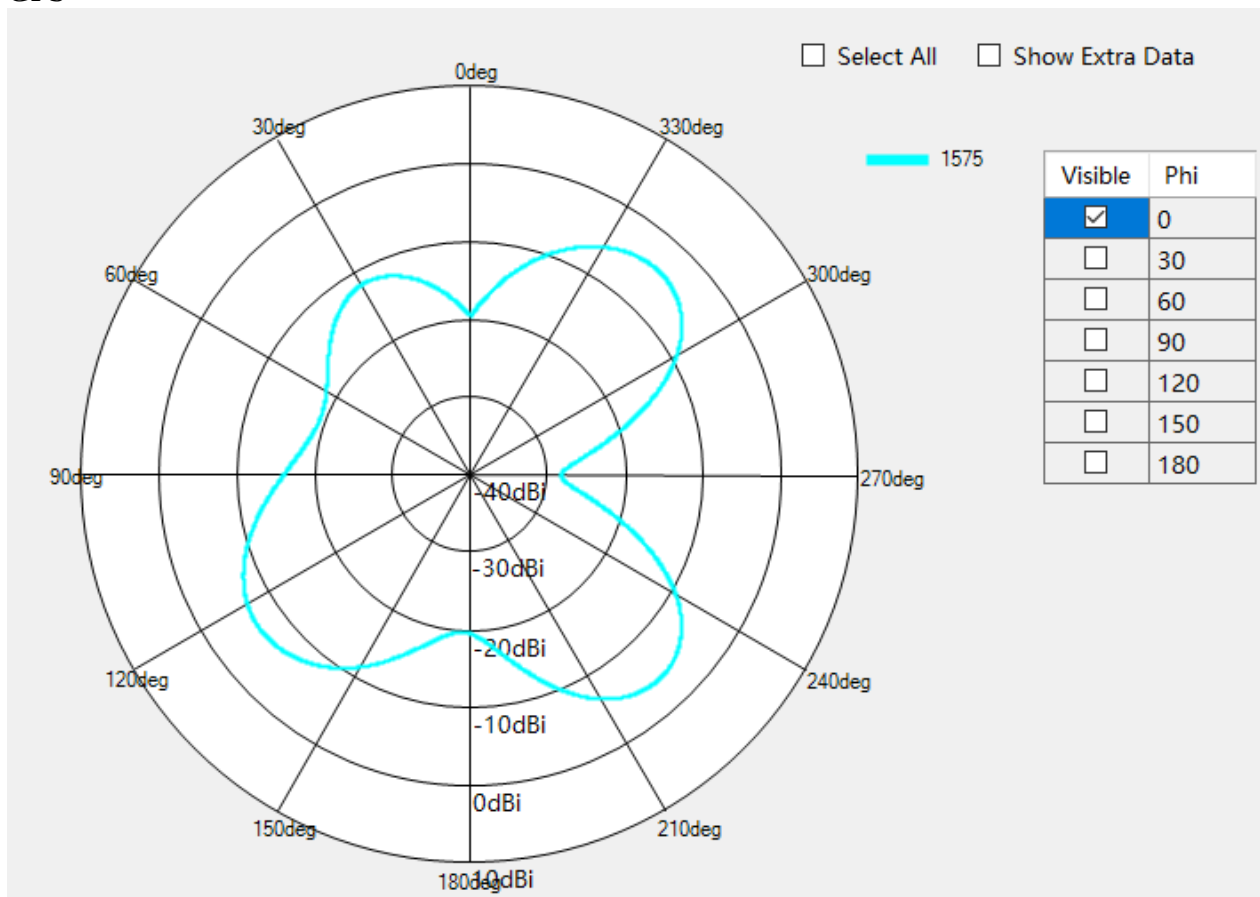
B28/B12/B17

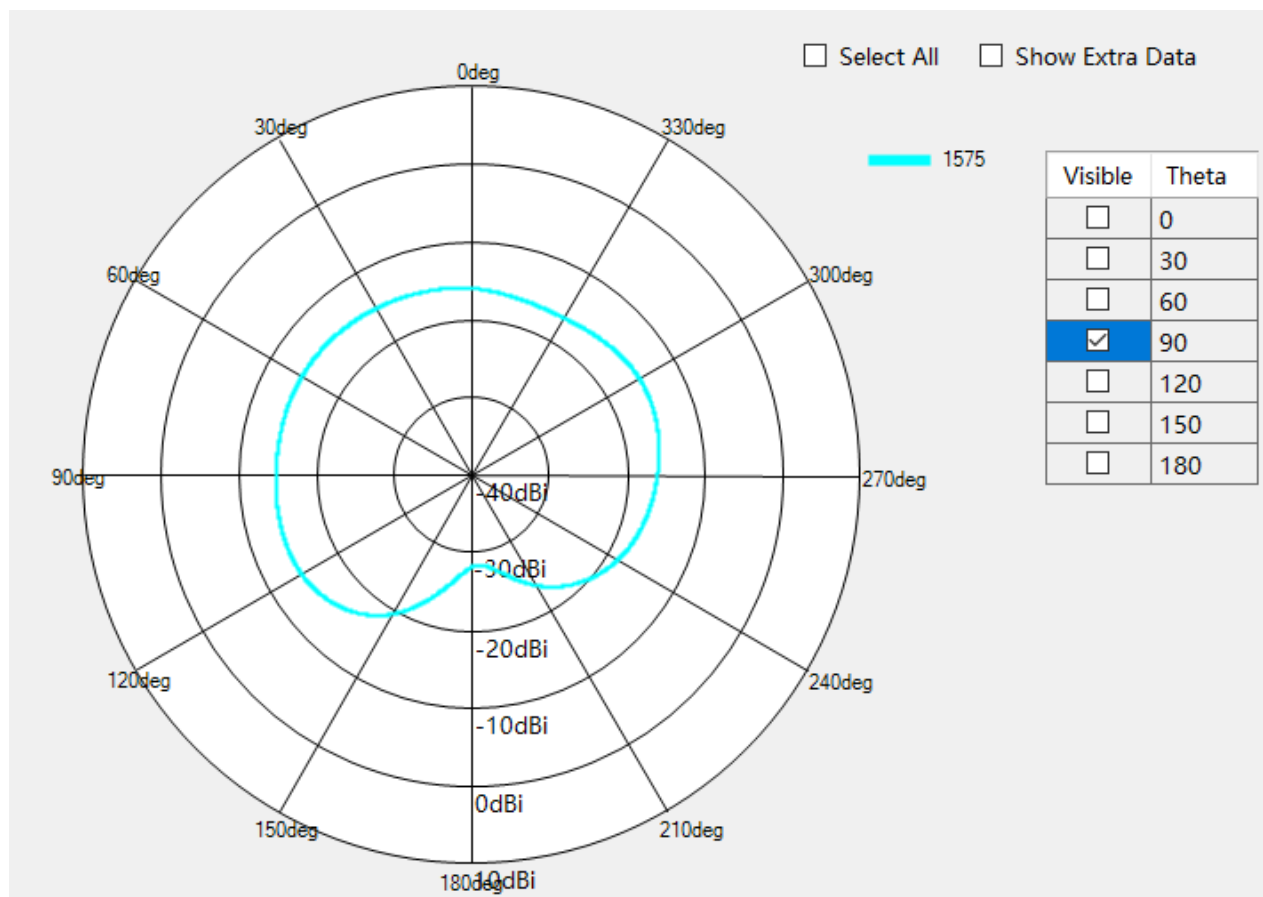




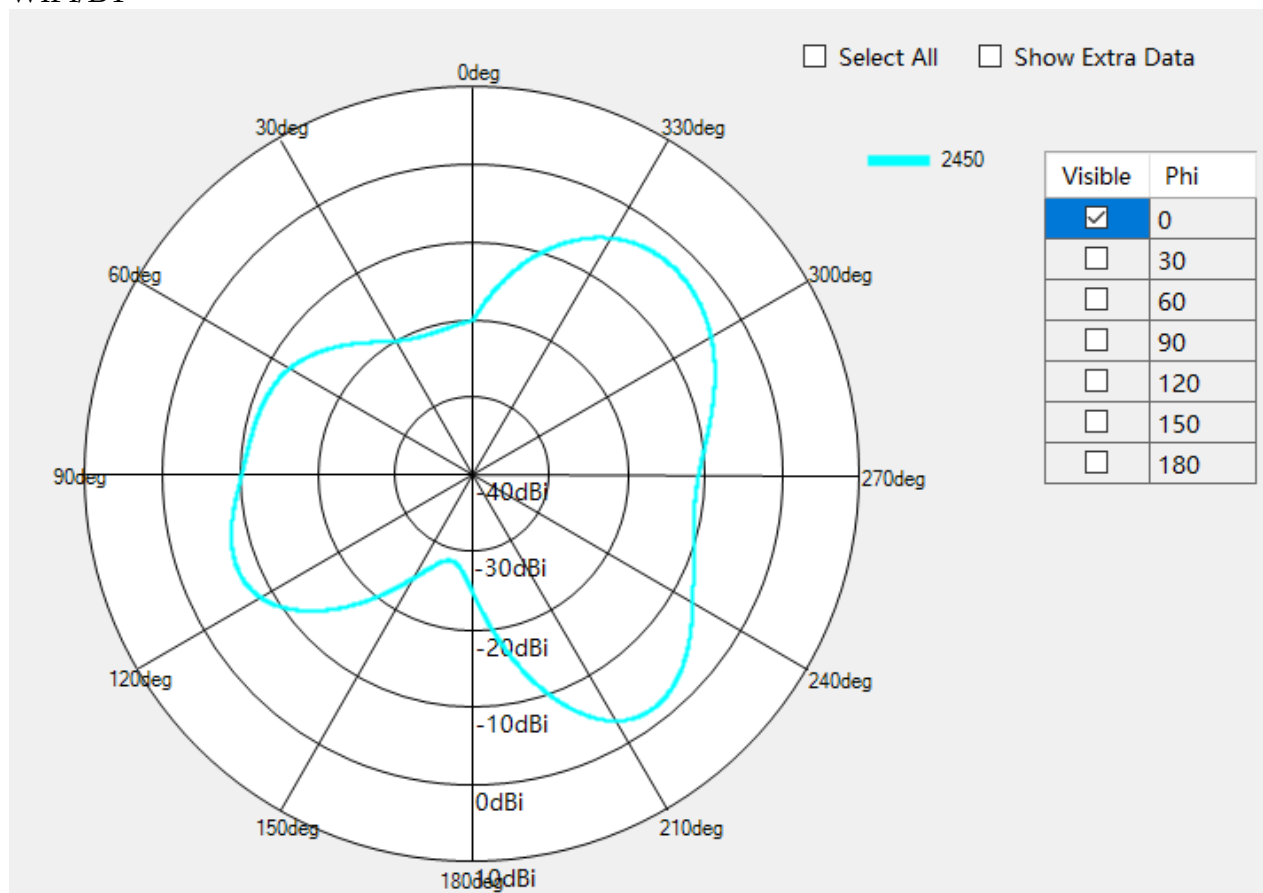
Three-in-one antenna

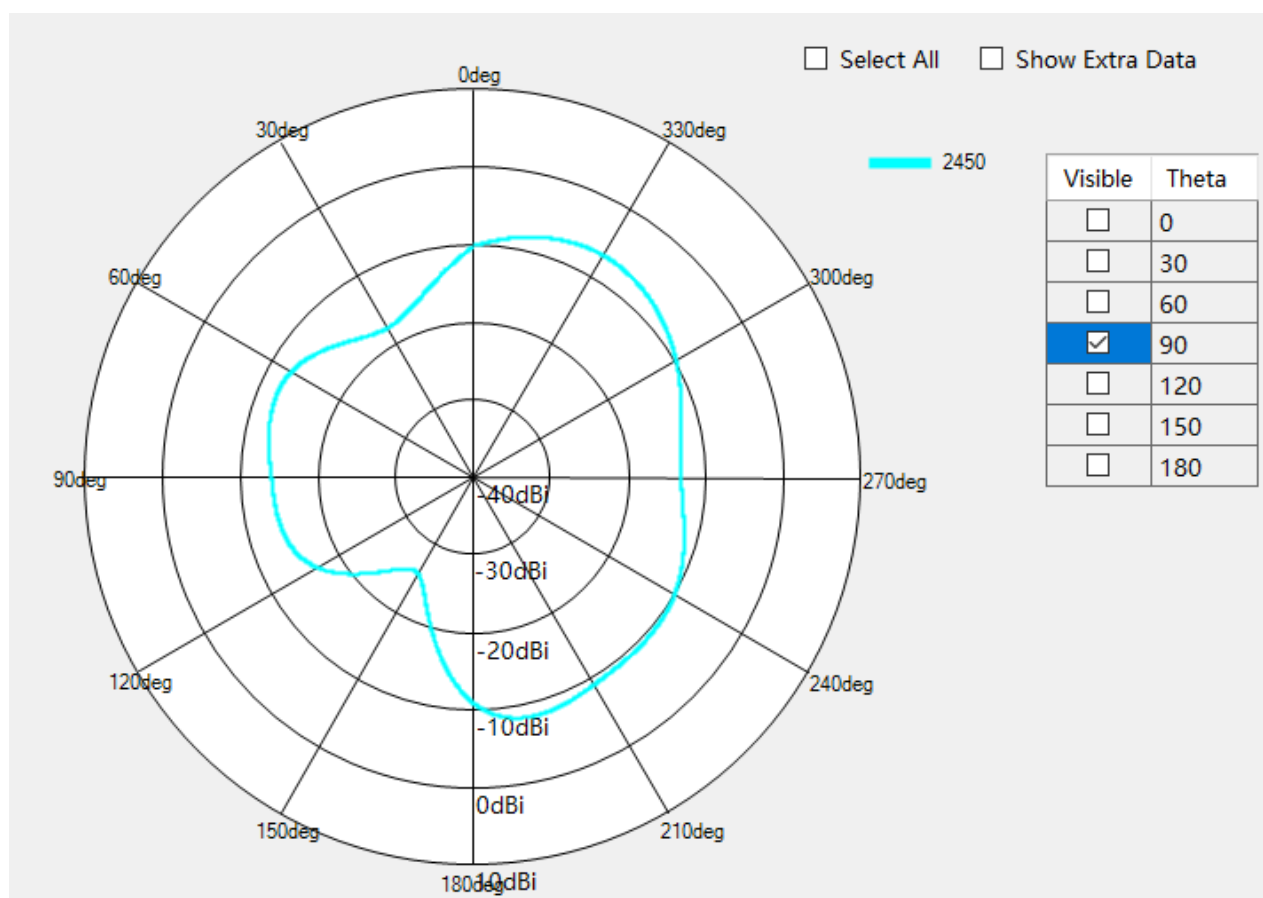
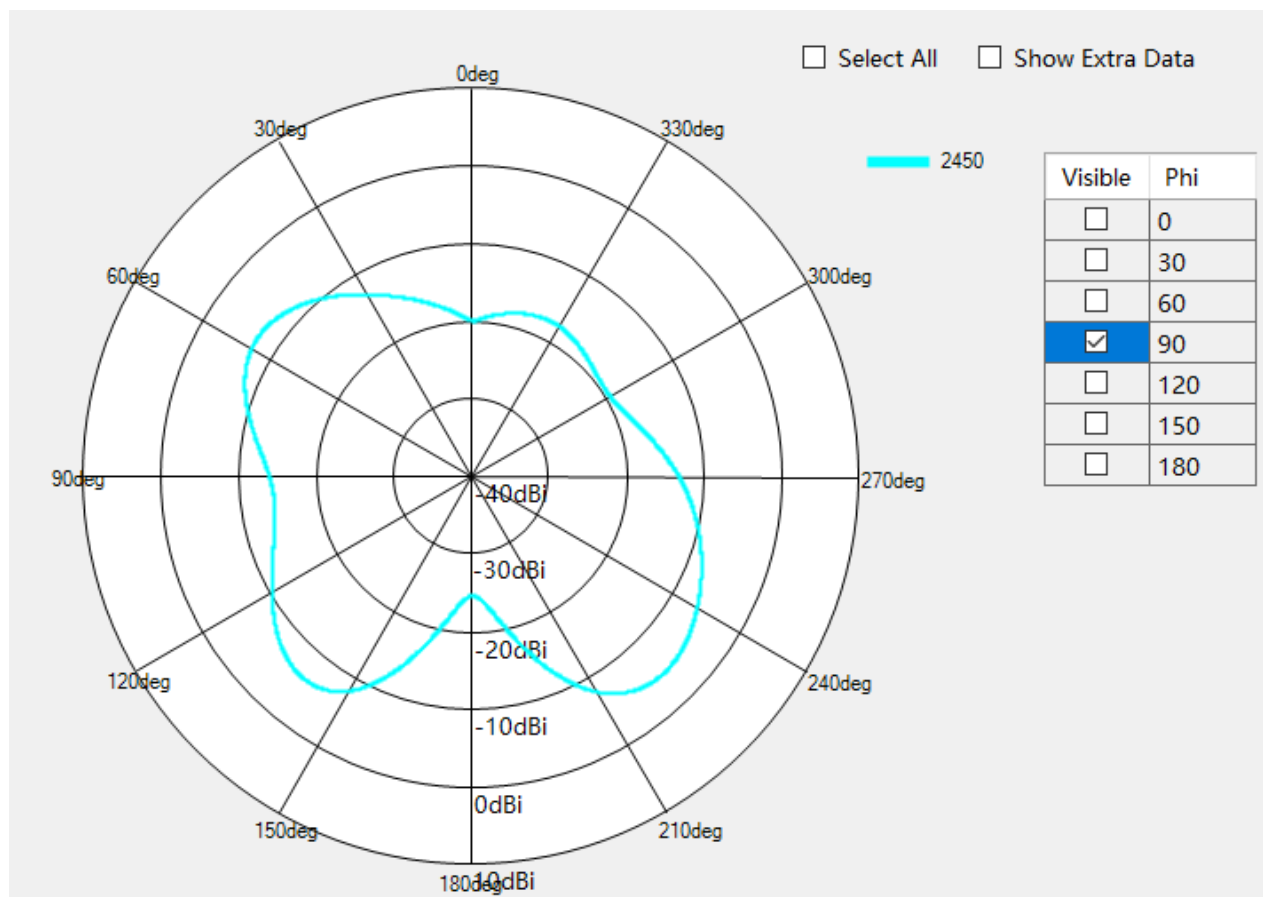
GPS





WIFI/BT





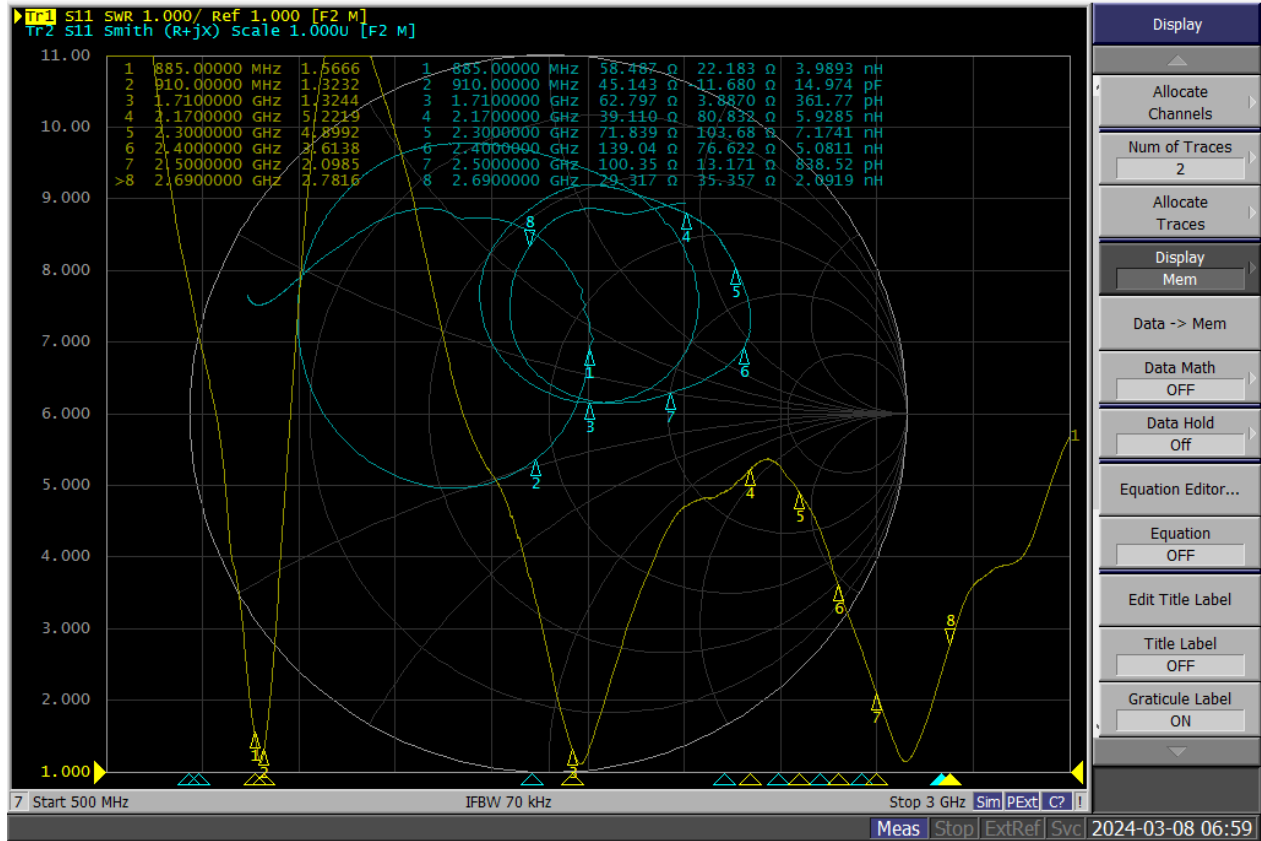
※S11:

Main Antenna GSM900/G1800/W4/W8/B3/B4/B7/B8/B38/B41/B66

E5071C Network Analyzer

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

Resize

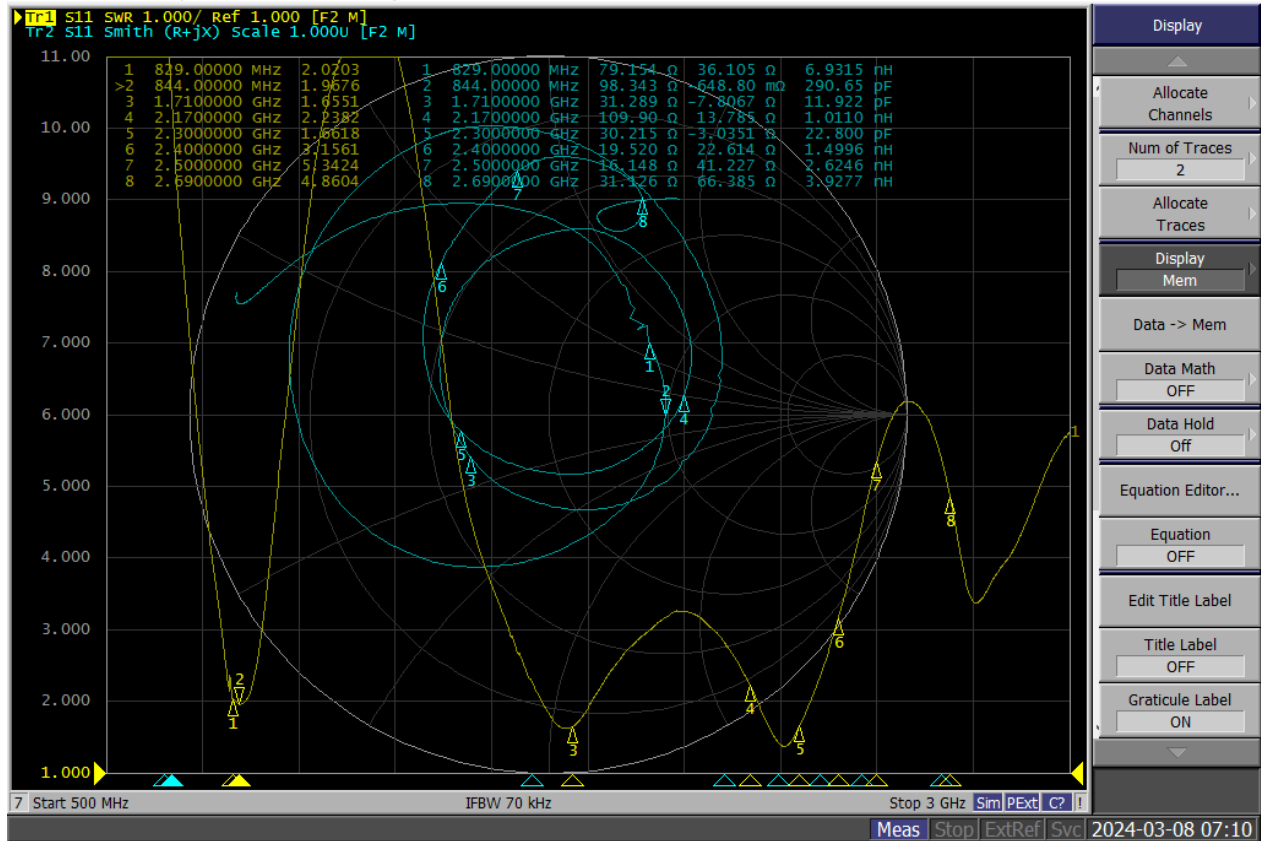


GSM850/W5/B5/B20/B40

E5071C Network Analyzer

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

Resize

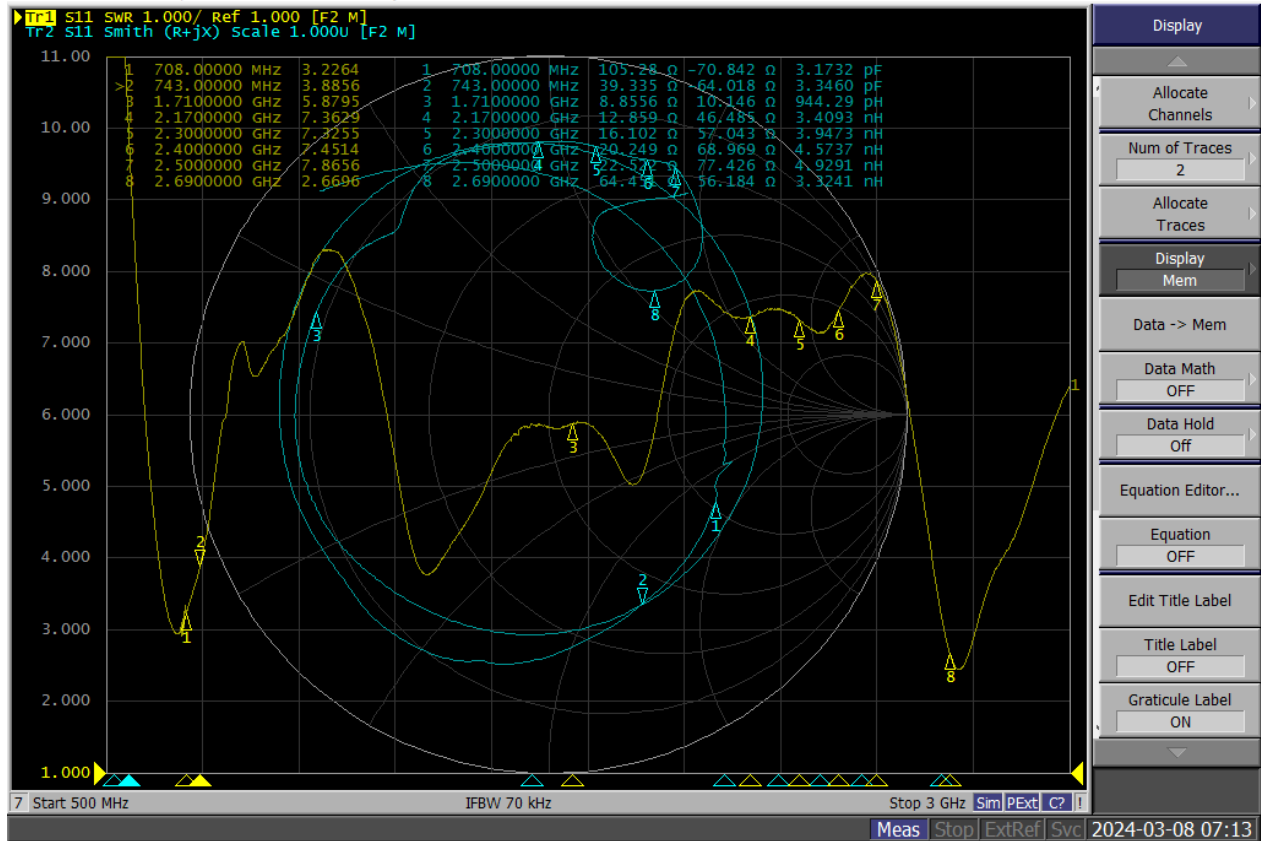


B12/B17/B28

E5071C Network Analyzer

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

Resize

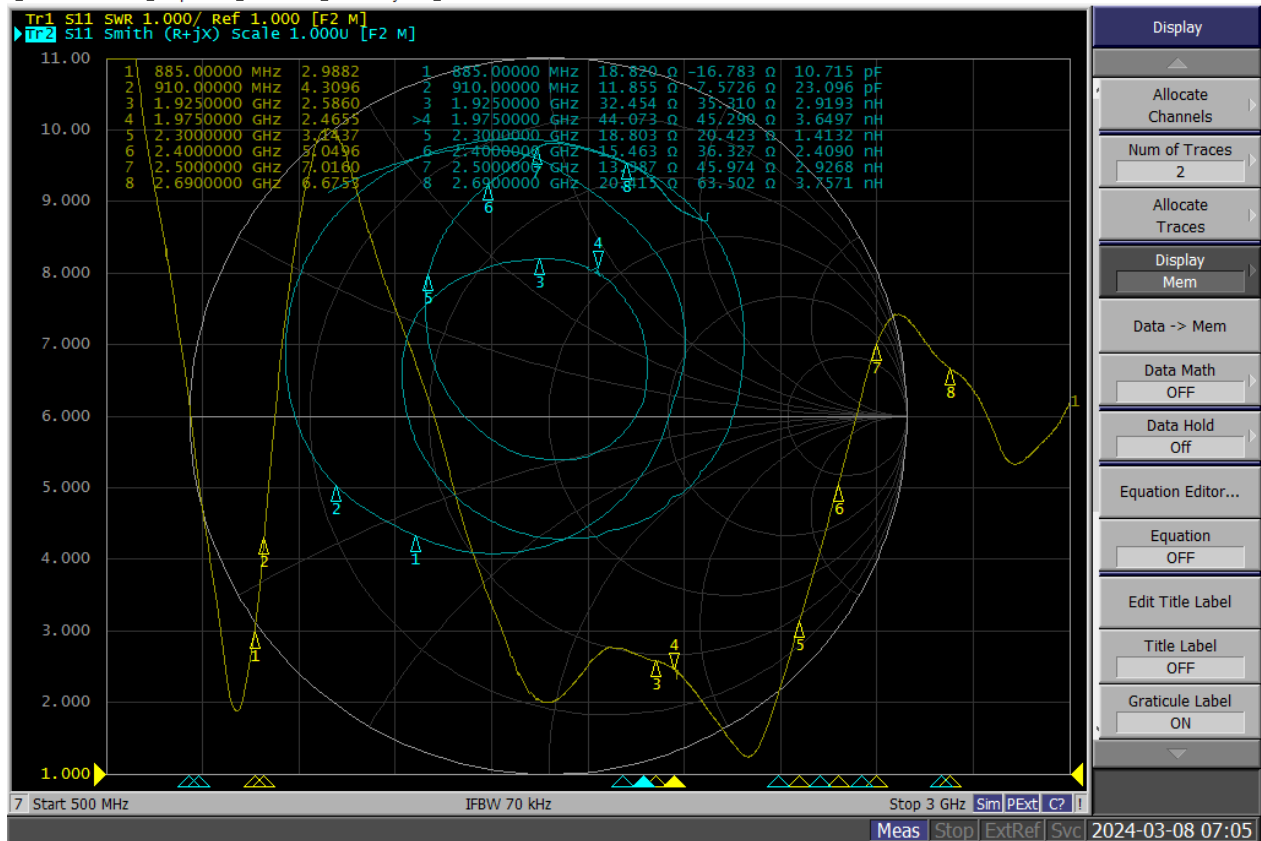


G1900/W1/W2/B1/B2/B26

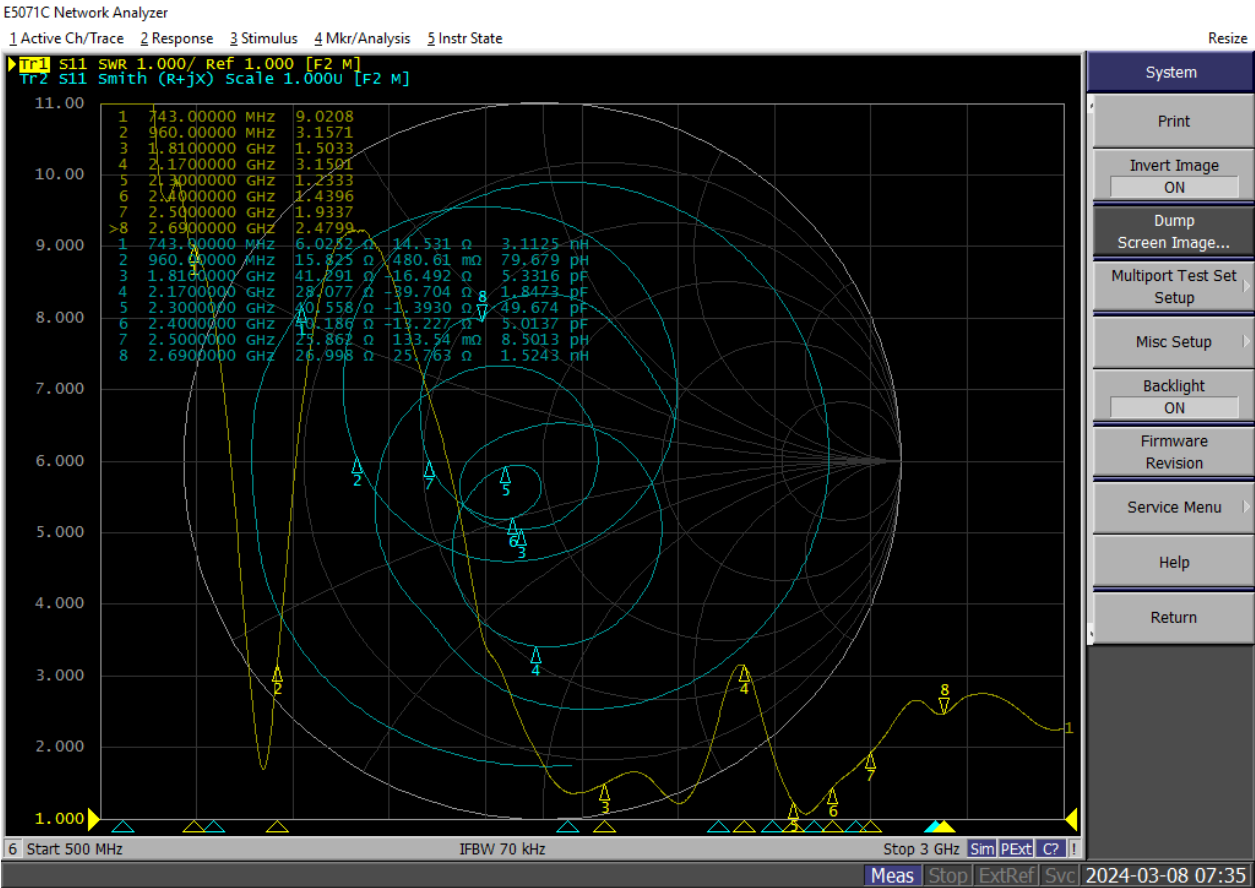
E5071C Network Analyzer

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

Resize



DIV Antenna



Three-in-one antenna

