Feature

※ High gain
※ Omani-directional
※ Wide bandwidth

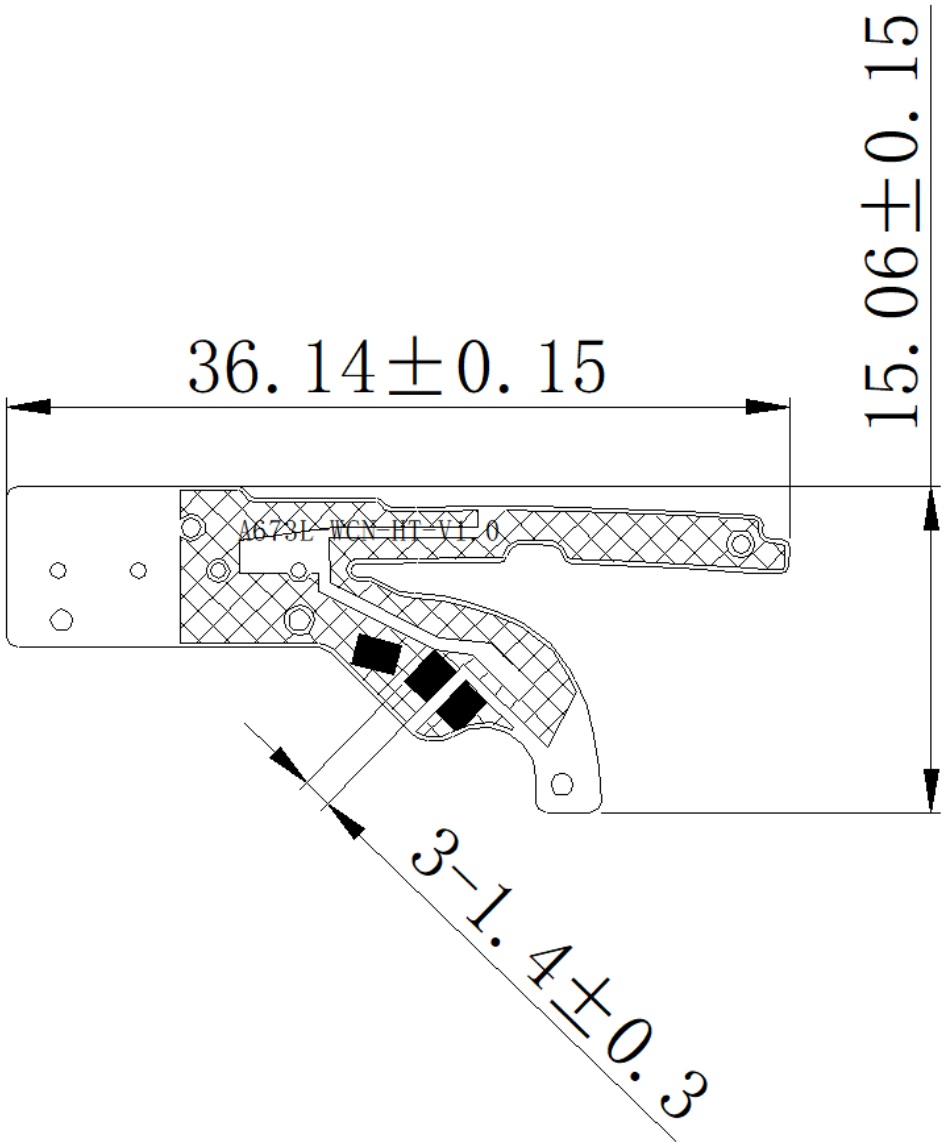
Application

Ad1 配置
※ 2G:B2/B3/B5/B8
3G:B1/B2/B4/B5/B8
4G:B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B26/B28A/B28B/B38/B40/B41(120M)/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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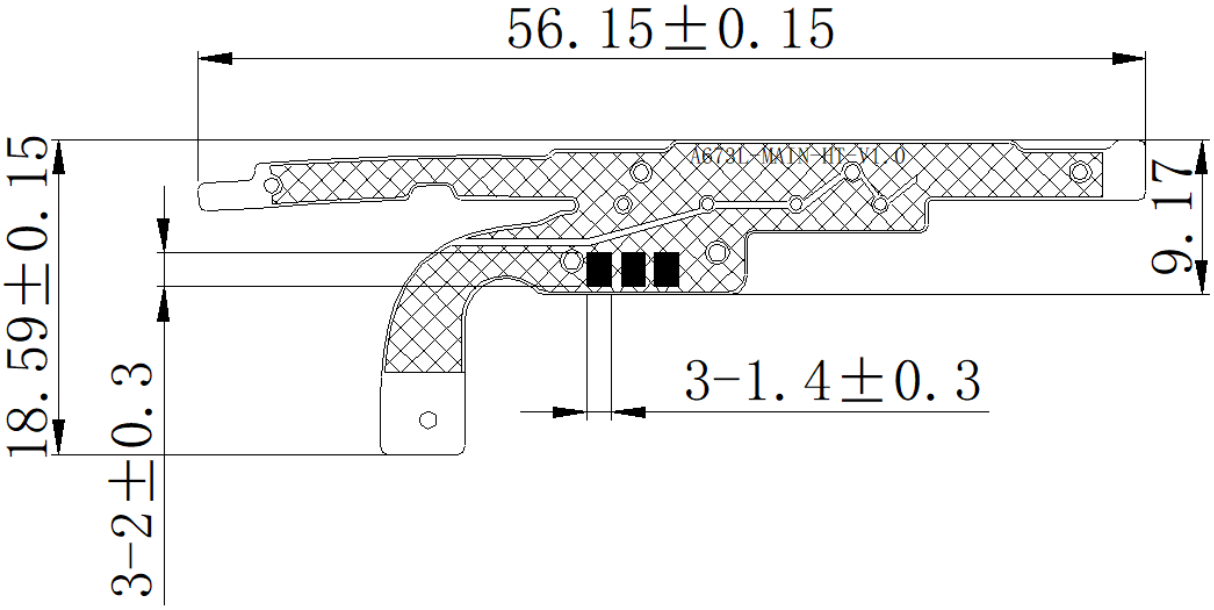
A673L-WCX-HT-V1.0
3-1.4±0.3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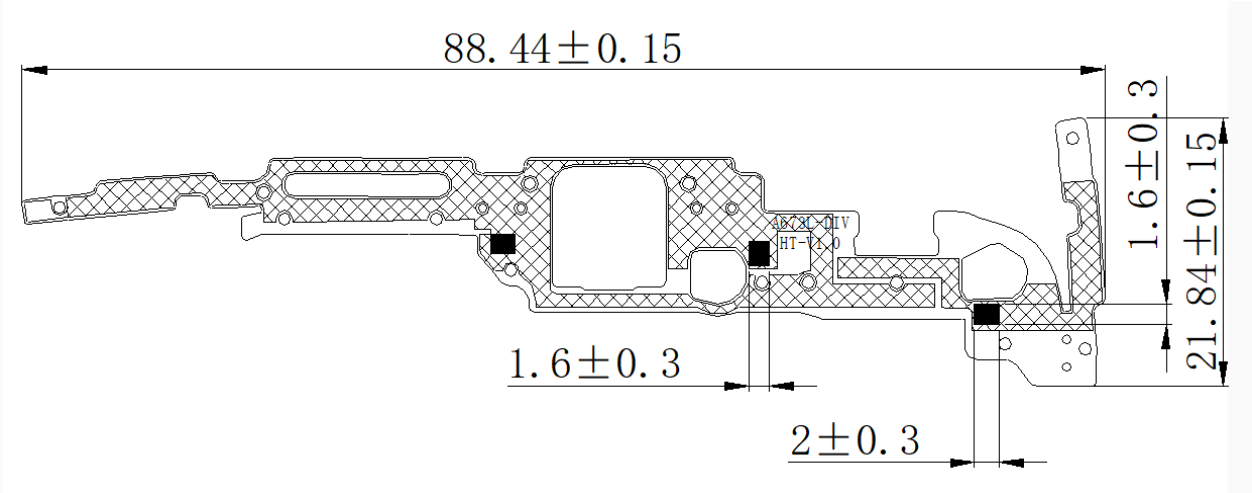


Electric Specifications

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: 824~849MHzMHz(TX) LTE B7：2500~2570MHz(TX) LTE B8：880~915MHzMHz(TX) LTE B12：699~716MHz(TX) LTE B17：704~716MHz(TX) LTE B20：832~862MHz(TX) LTE B26：814~849MHz(TX) LTE B28AB：703~748MHz(TX) LTE B38：2570~2620MHz(TX) LTE B40：2300~2400MHz(TX）

	LTE B41：2535~2655MHz(TX) LTE B66：1710~1780MHz(TX) WIFI 2.4G:2412~2472 MHz WIFI 5G:5180~5825 MHz Bluetooth:2402 - 2480 MHz GPS:1575.42MHz
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: 869~894MHzMHz(RX) LTE B7：2620~2690MHz(RX) LTE B8：925~960MHzMHz(RX) LTE B12：729~746MHz(RX) LTE B17：734~746MHz(RX) LTE B20：791~821MHz(RX) LTE B26：859~894MHz(RX) LTE B28AB：758~803MHz(RX) LTE B38：2570~2620MHz(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 GSM900: 33+/-2dBm DCS1800:30+/-2dBm PCS1900:30+/-2dBm WCDMA 850: 22.5+/-2dBm WCDMA 900: 22.5+/-2dBm WCDMA 1700: 22.5+/-2dBm WCDMA 1900: 22.5+/-2dBm WCDMA 2100: 22.5+/-2dBm LTE B1:22+/-2dBm LTE B2:22+/-2dBm LTE B3:22+/-2dBm LTE B4:22+/-2dBm LTE B5:22+/-2dBm

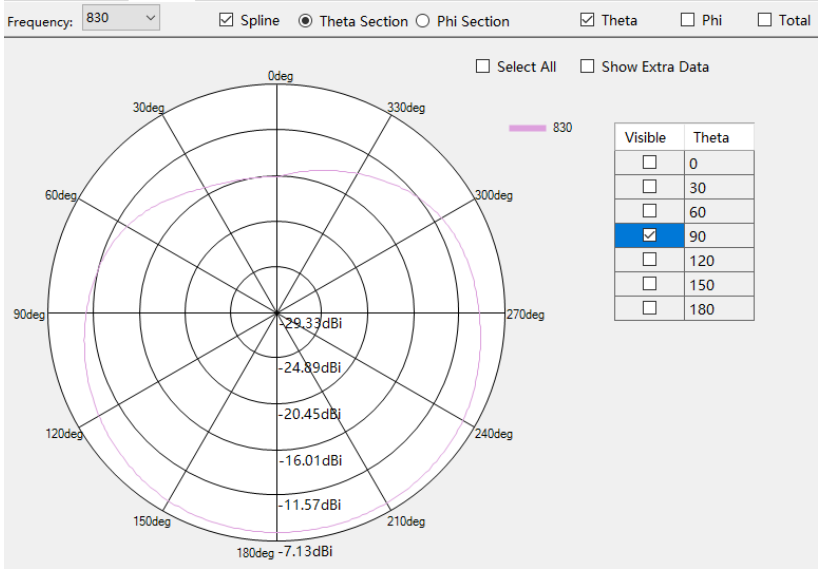
	LTE B7:22+/-2dBm LTE B8:22+/-2dBm LTE B12:22+/-2dBm LTE B17:22+/-2dBm LTE B20:22+/-2dBm LTE B26:22+/-2dBm LTE B28AB:22+/-2dBm LTE B38:22+/-2dBm LTE B40:22+/-2dBm LTE B41:22+/-2dBm LTE B66:22+/-2dBm
Antenna Gain(Main)	GSM850:-5.89dBi GSM900:-4.21dBi DCS1800:-2.27dBi PCS1900:-2.87dBi WCDMA 850:-5.99dBi WCDMA 900:-4.35dBi WCDMA 1700:-2.73dBi WCDMA 1900:-2.89Bi WCDMA 2100:-2.05dBi LTE B1:-2.05dBi LTE B2:-2.89dBi LTE B3:-2.73dBi LTE B4:-2.73dBi LTE B5:-5.89dBi LTE B7:-2.42dBi LTE B8:-4.91dBi LTE B12:-6.12dBi LTE B17:-6.15dBi LTE B20:-4.98dBi LTE B26:-5.32dBi LTE B28AB:-5.65dBi LTE B38:-2.78dBi LTE B40:-5.45dBi LTE B41:-2.68dBi LTE B66:-2.73dBi GPS:-1.76dBi WIFI 2.4G:-1.65dBi WIFI 5G:0.64dBi BT:-1.65dBi
Antenna Gain(Div)	GSM850:-5.75dBi GSM900:-5.86dBi DCS1800:-4.52dBi PCS1900:-3.99dBi WCDMA 850:-5.75dBi WCDMA 900:-5.86dBi WCDMA 1800:-4.55dBi WCDMA 1900:-3.97dBi WCDMA 2100:-2.33dBi LTE B1:-2.15dBi LTE B2:-4.59dBi LTE B3:-4.54dBi LTE B4:-3.76dBi LTE B5:-5.76dBi

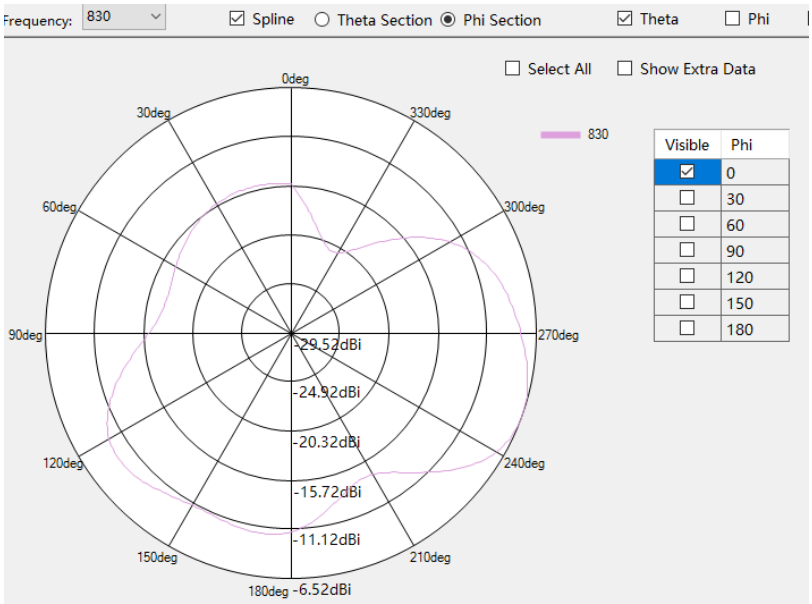
	LTE B7:-2.75dBi LTE B8:-5.77dBi LTE B12:-9.88dBi LTE B17:-9.78dBi LTE B20:-9.45dBi LTE B26:-5.79dBi LTE B28AB:-8.76dBi LTE B38:-2.78dBi LTE B40:-3.89dBi LTE B41:-2.55dBi LTE B66:-2.32dBi
Power of antenna：	GSM850:25.0dBm GSM900:25.15dBm DCS1800:24.7dBm PCS1900:25.1dBm WCDMA 850:15.2dBm WCDMA 900:15.1dBm WCDMA 1700:17.7dBm WCDMA 1900:18.3dBm WCDMA 2100:17.5dBm LTE B1:17.8dBm LTE B2:18dBm LTE B3:17.7dBm LTE B4:18.1dBm LTE B5:15.3dBm LTE B7:17.8dBm LTE B8:15.1dBm LTE B12:14.3dBm LTE B17:14.3dBm LTE B20:14.8Bm LTE B26:16.4dBm LTE B28AB:14.dBm LTE B38:17.5dBm LTE B40:16.1dBm LTE B41:17dBm LTE B66:17.89dBm WIFI-2.4G:12.6dBm WIFI-5G:13.8dBm GPS:-151.84 BT:2.43 dBm
Type of Modulation	GMSK/8PSK/QPSK/16QAM/64QAM/GFSK, π/4-DQPSK,8DPSK

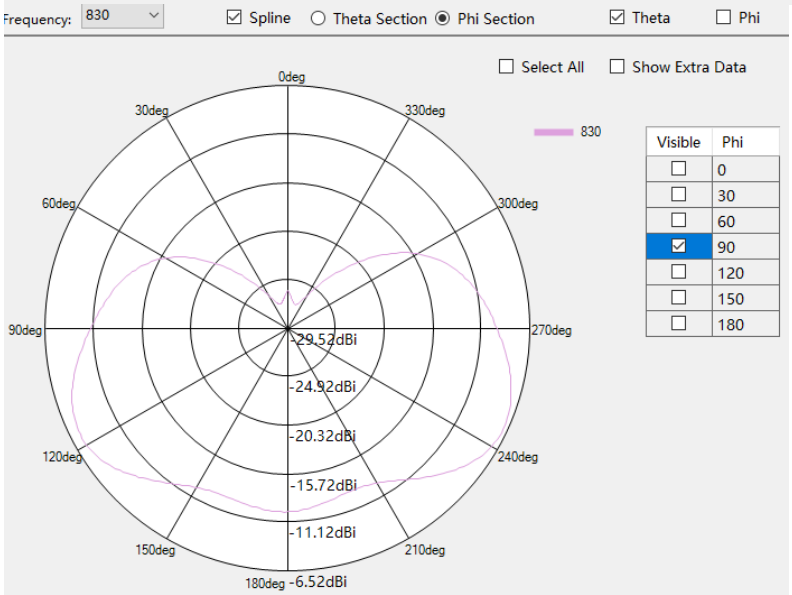
※ Antenna Gain

Main Antenna

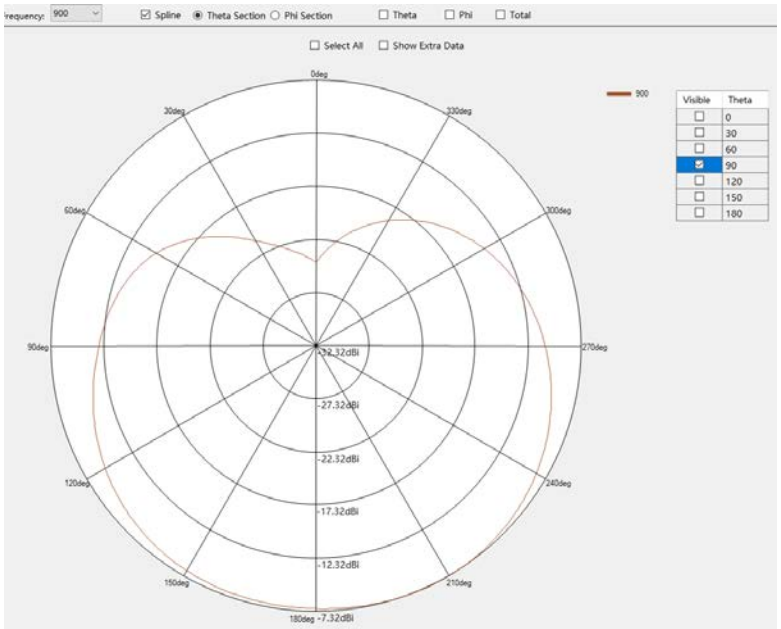
GSM850/B5/B20/B26







GSM900/W8/B8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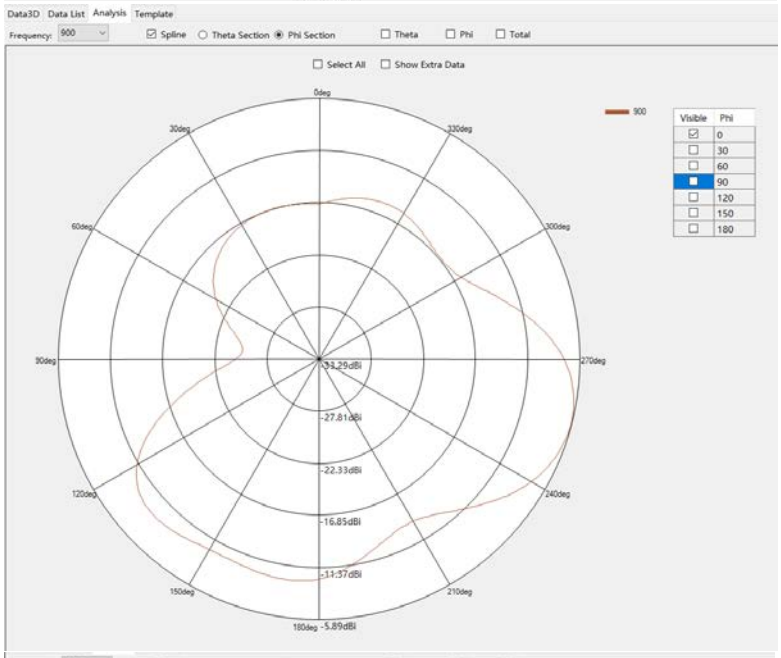
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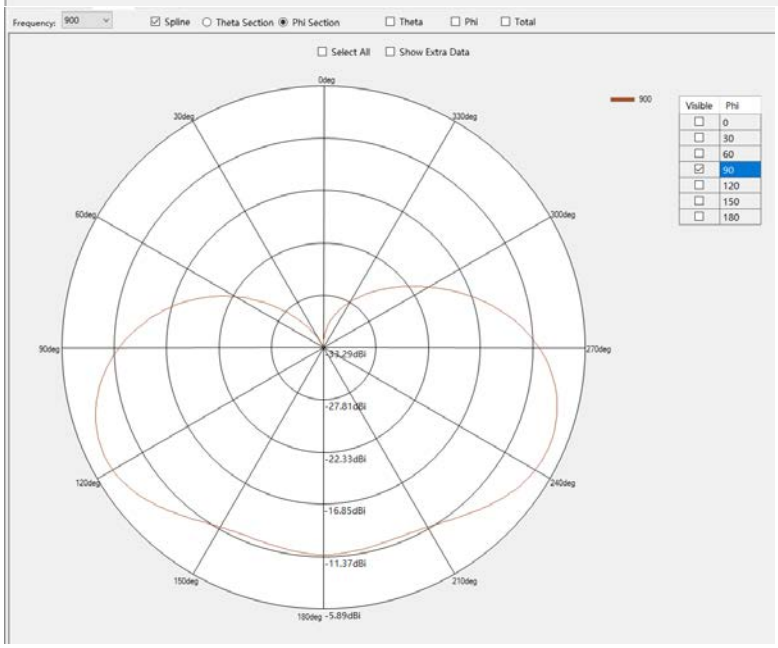
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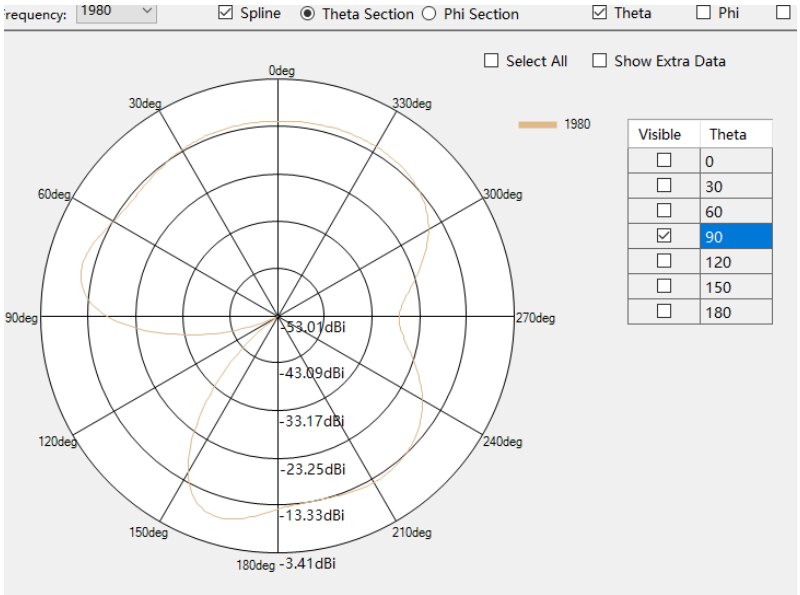
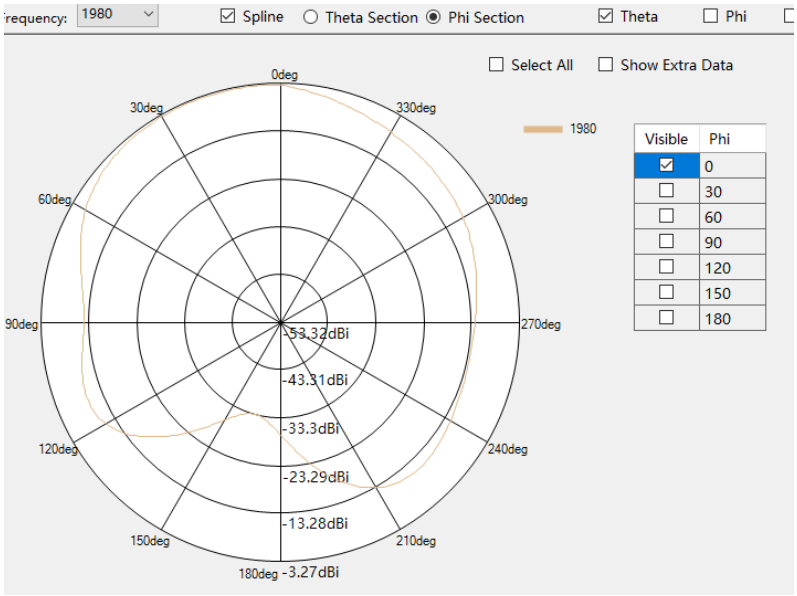
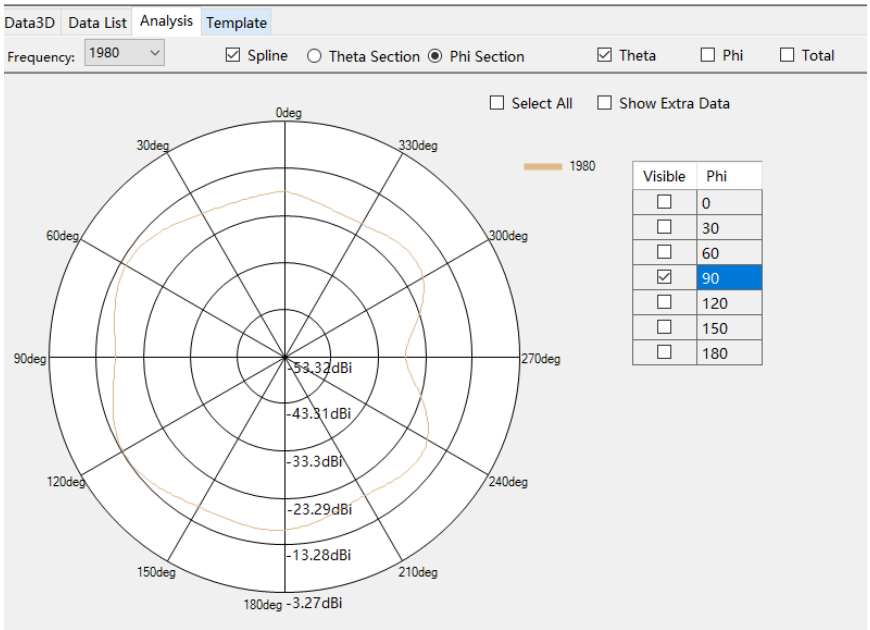
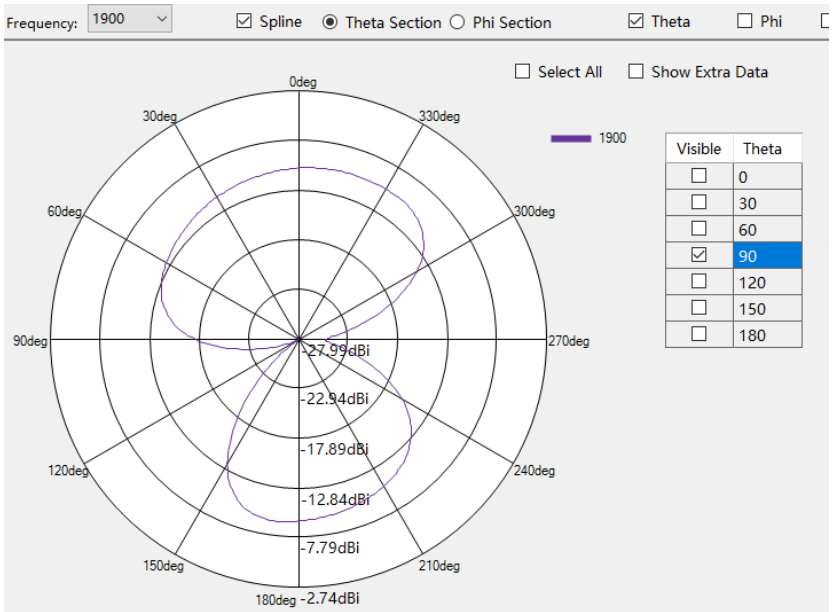
DCS1800/W4/B3/B4/B66

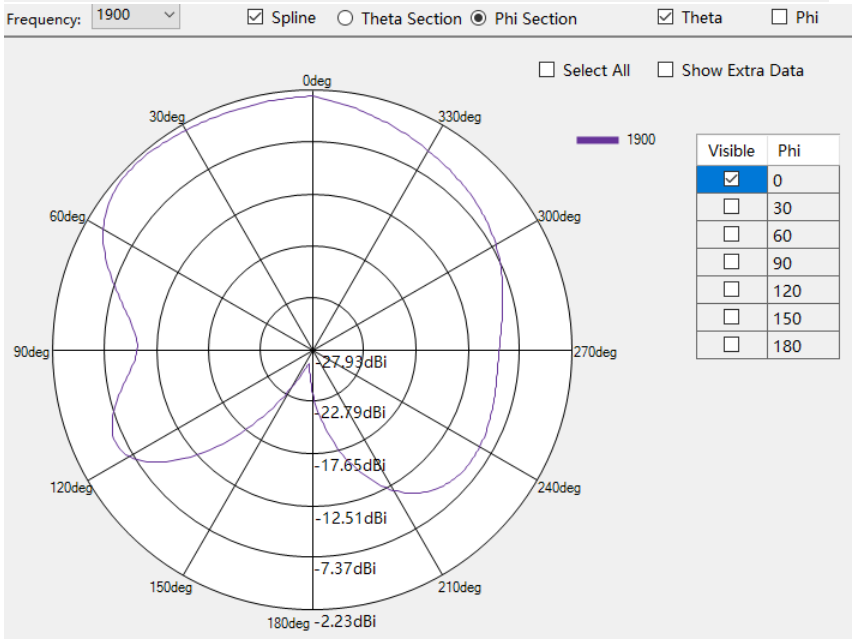


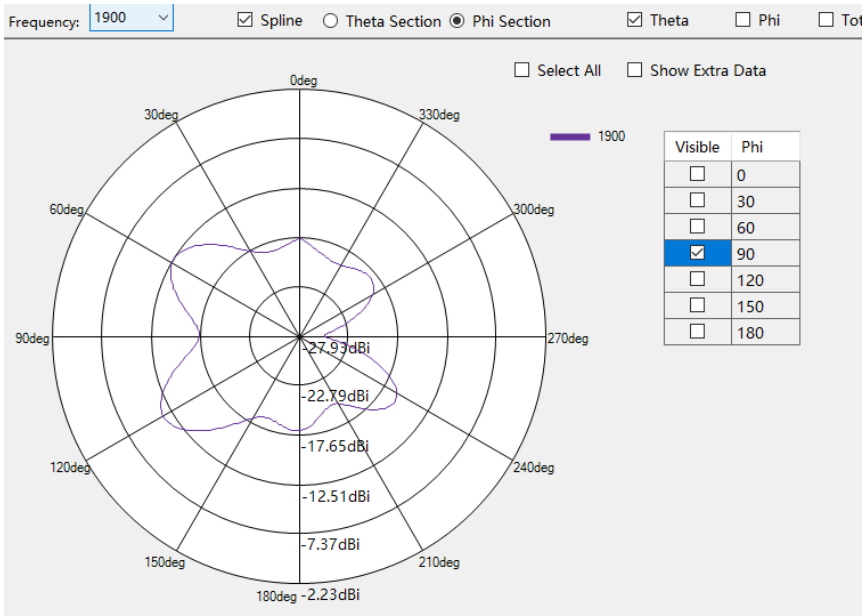




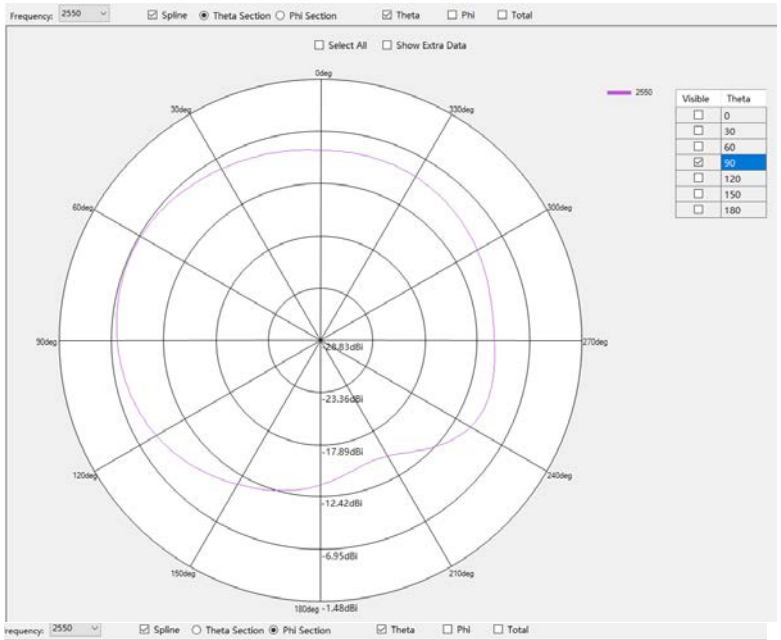
B1/B2/W1/W2/PCS1900/W2/B2







B7/B38/B41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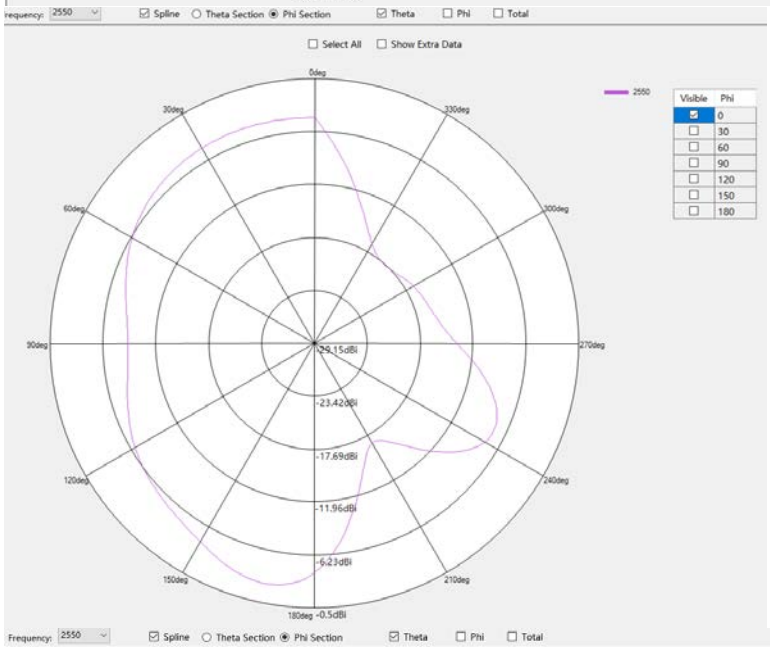
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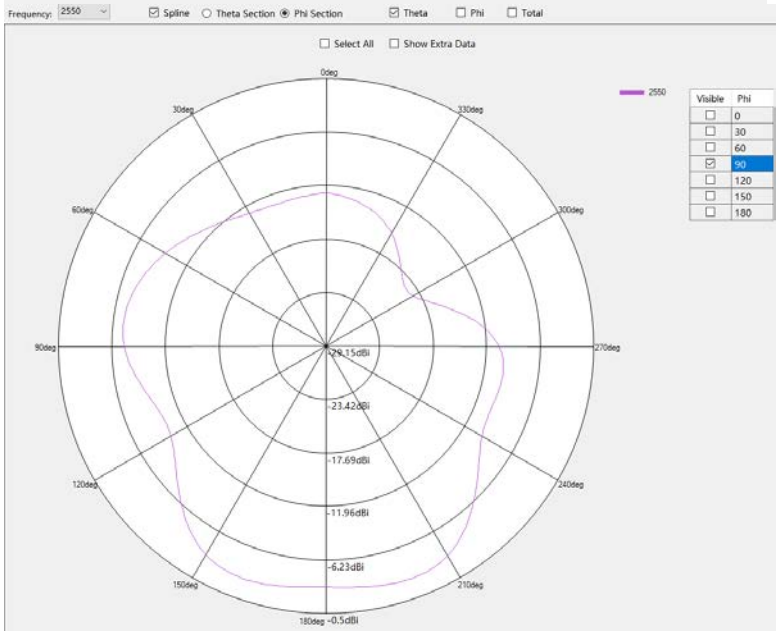
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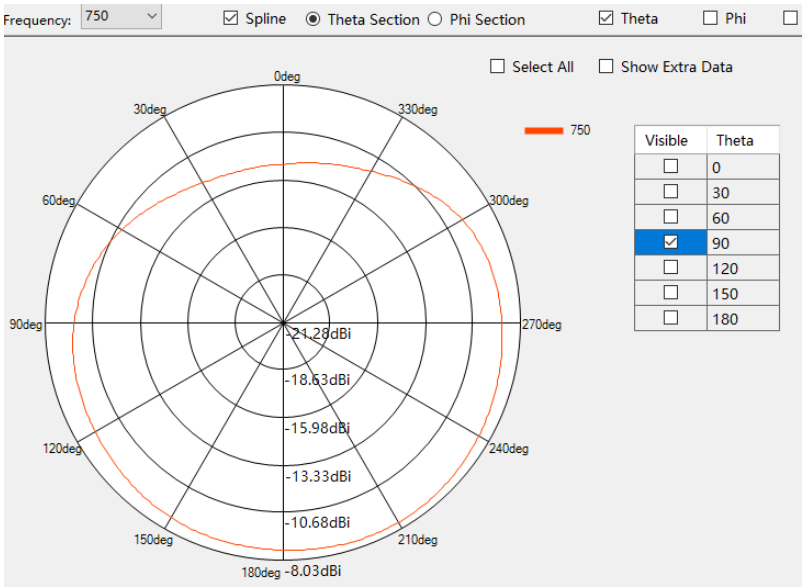
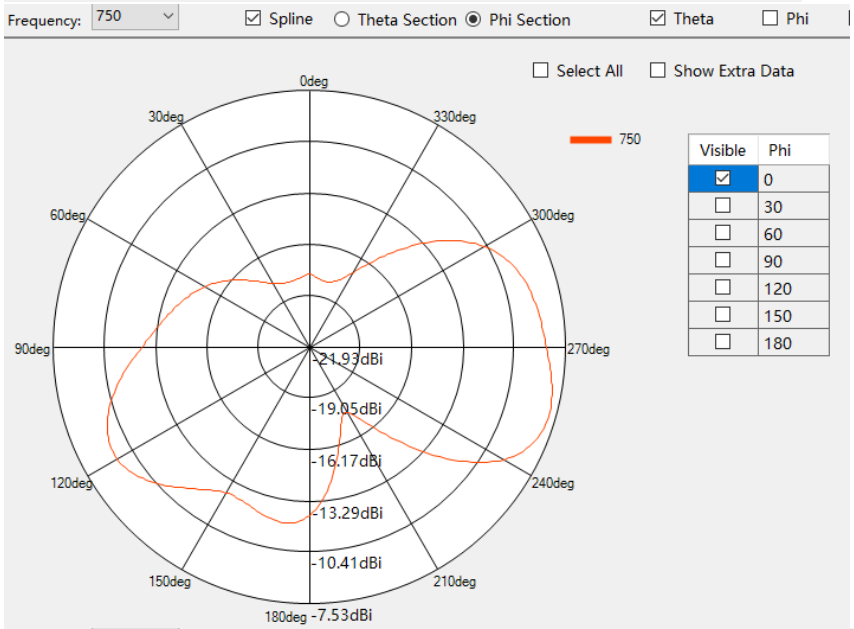
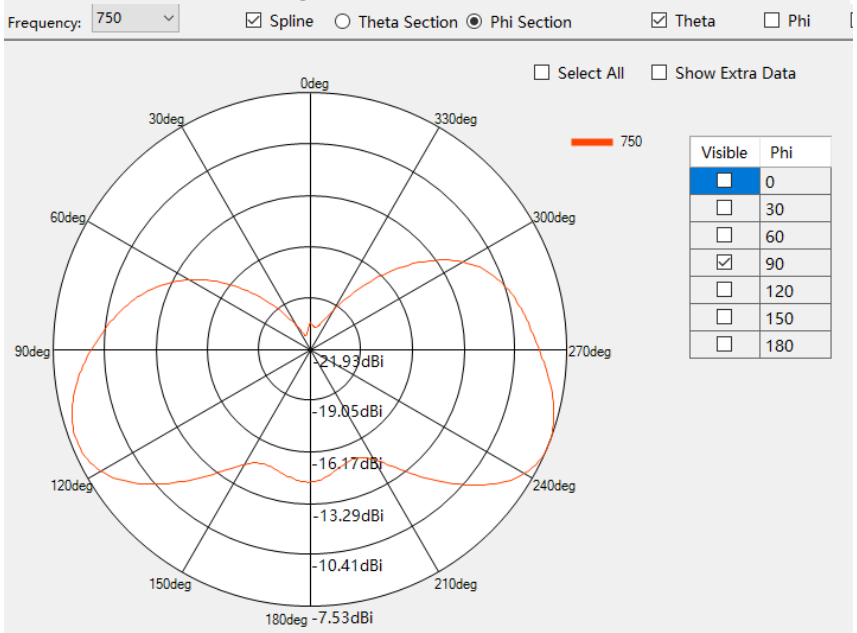
B12/B17/B28A/B28B







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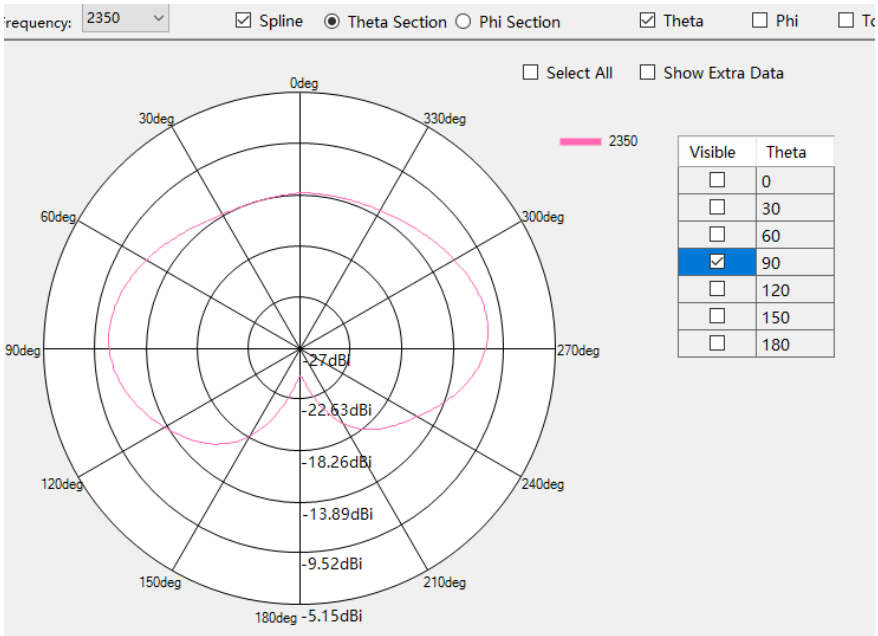
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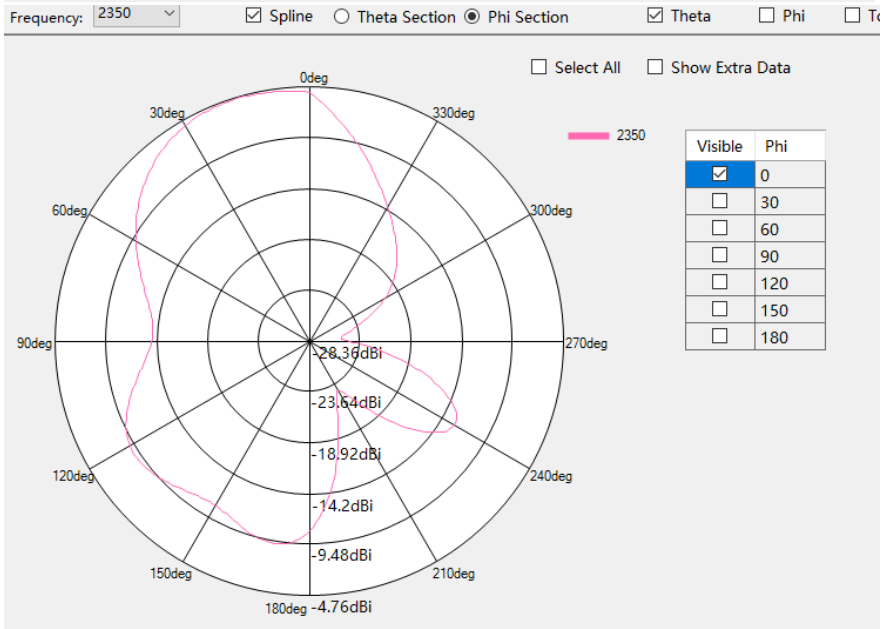
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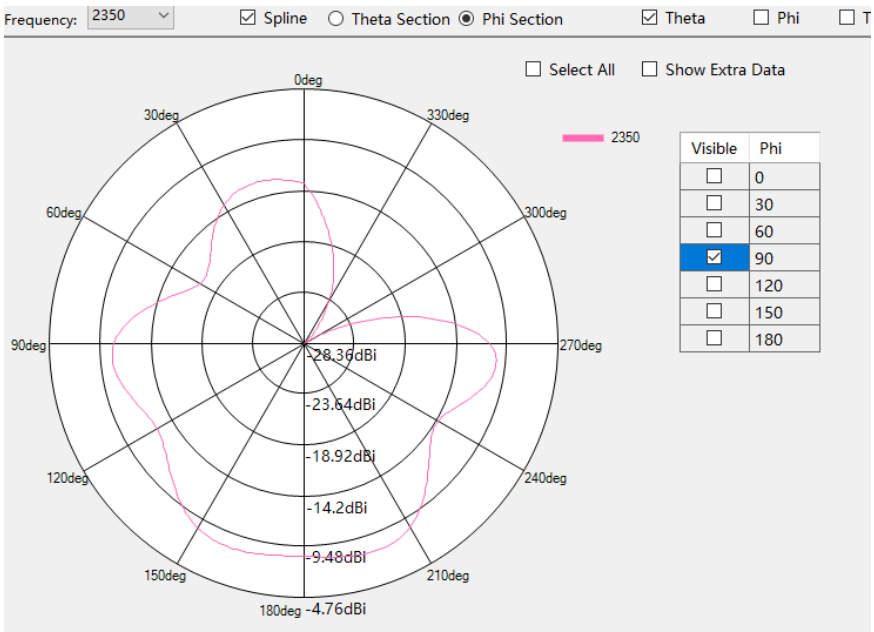
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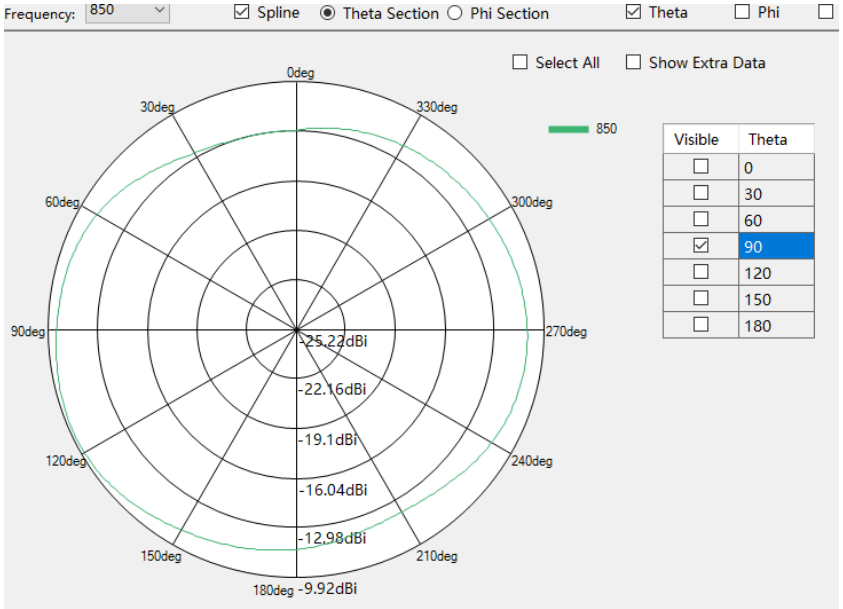
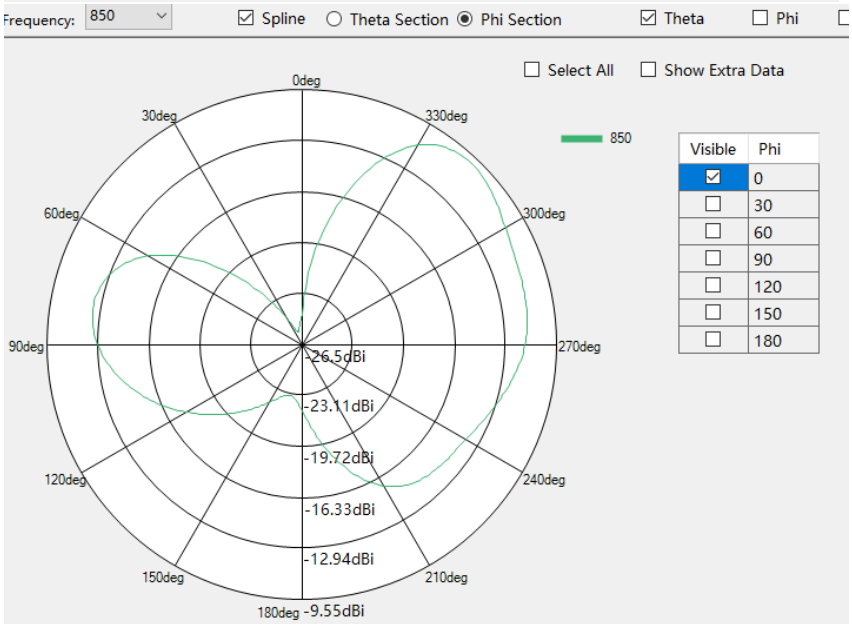
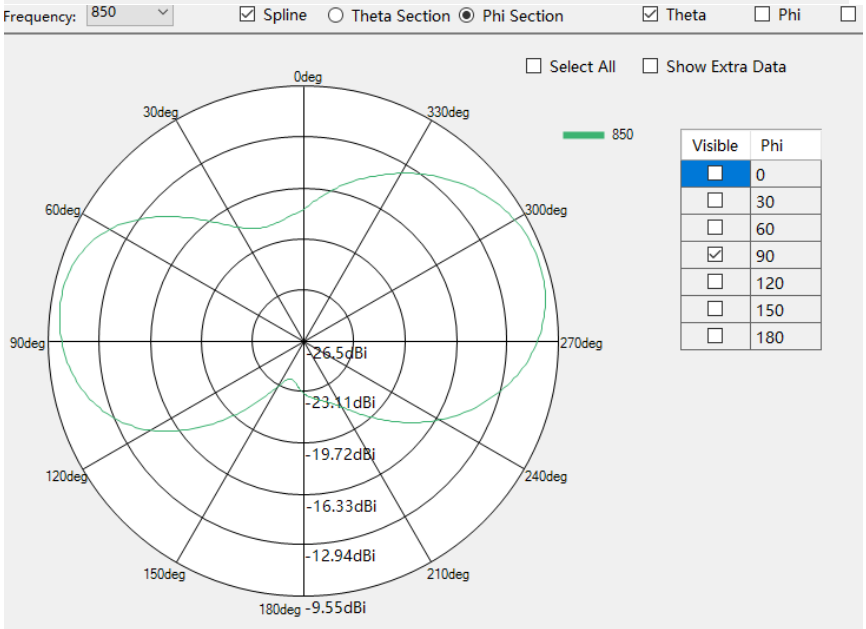
Div Antenna

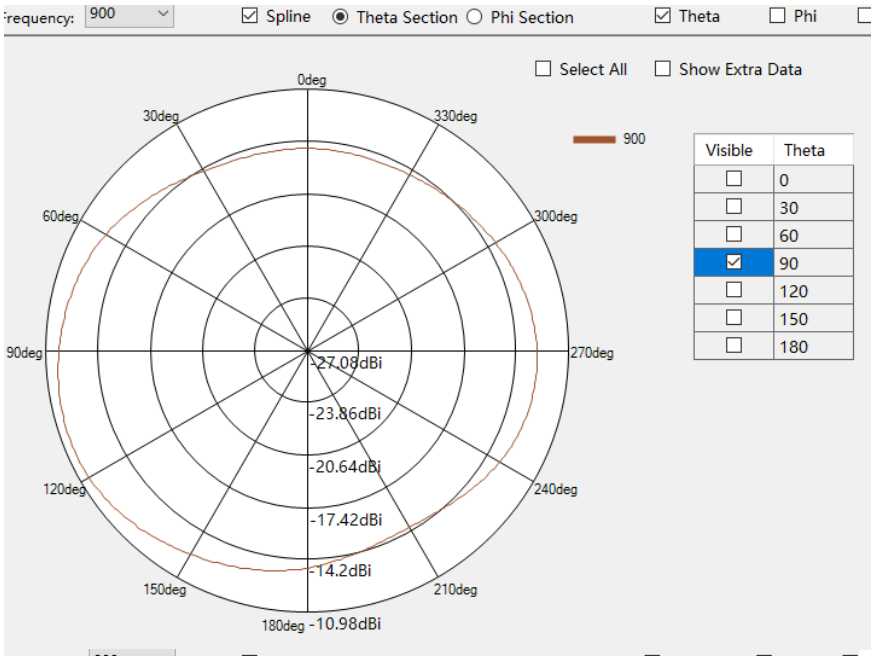
GSM850/W5/B5/B26







GSM900/W8/B8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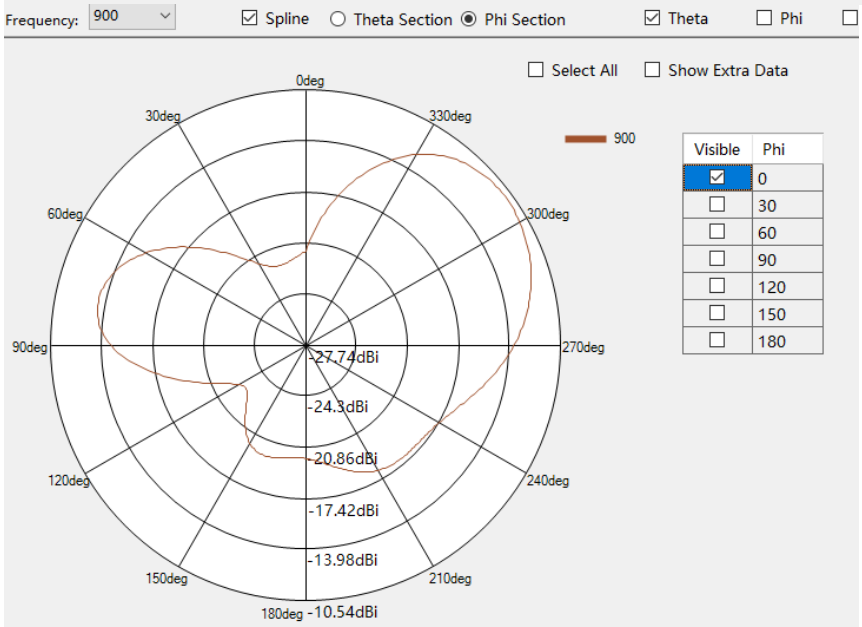
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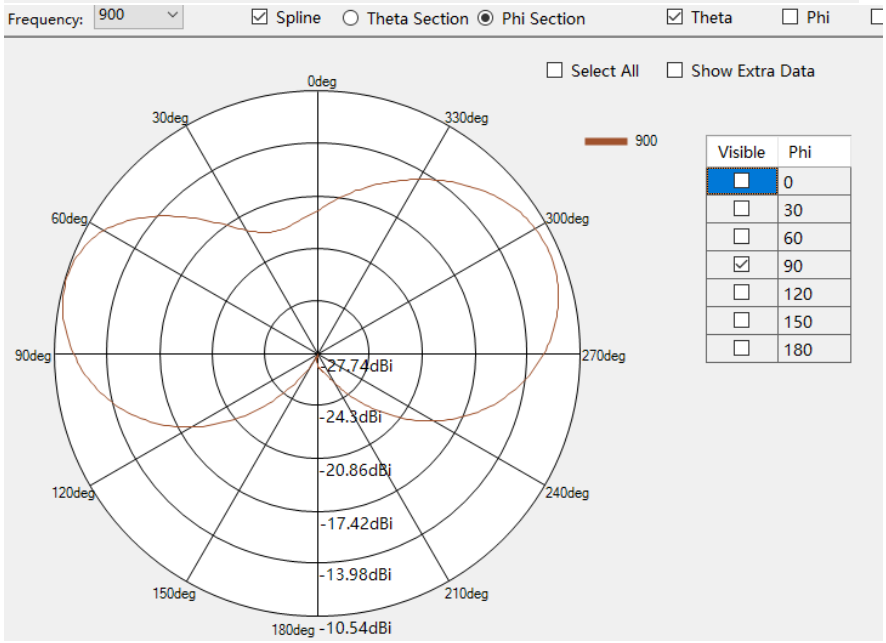
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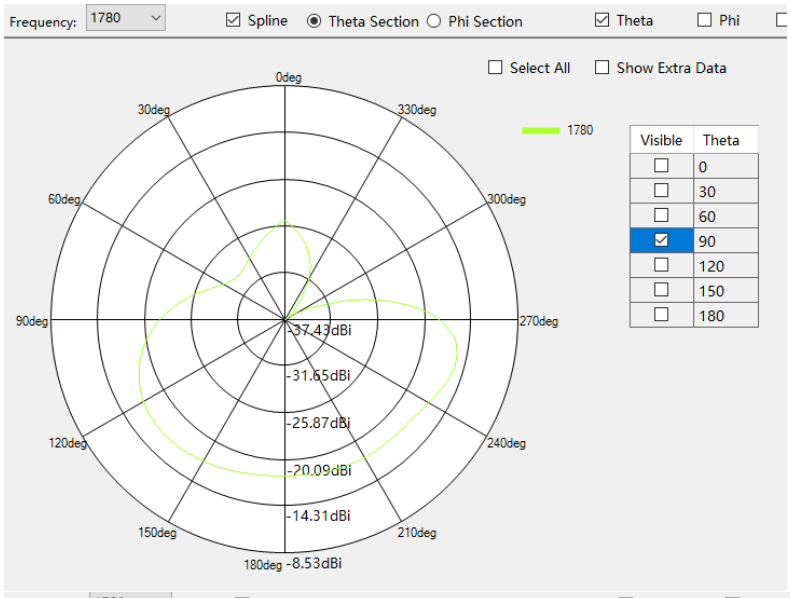
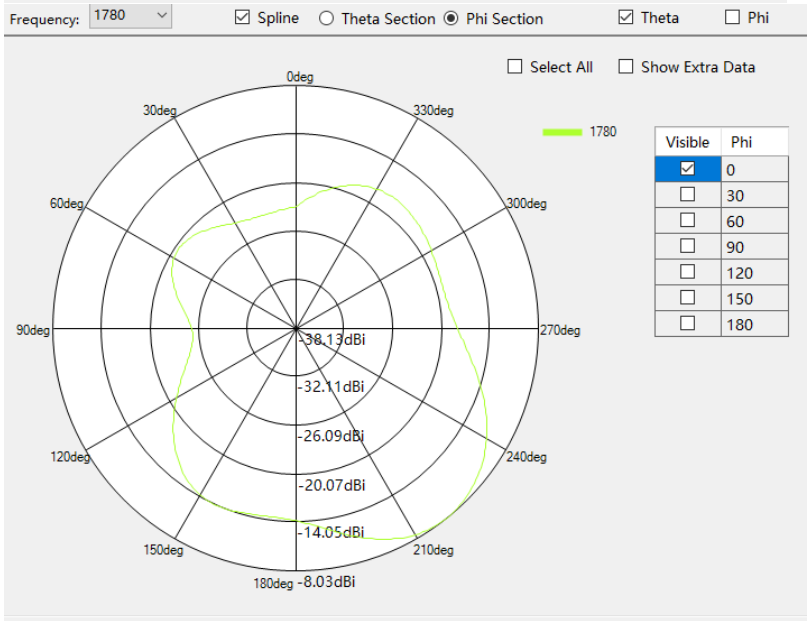
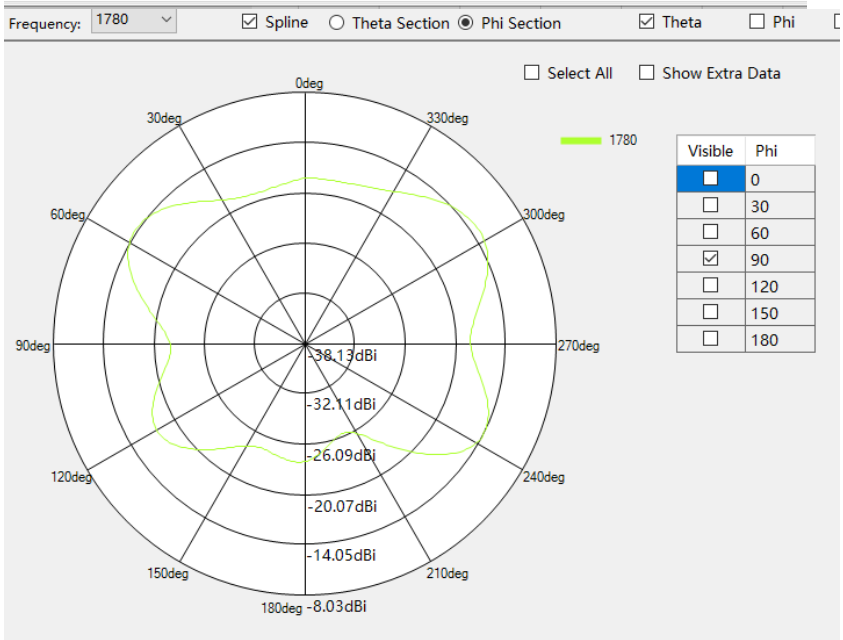
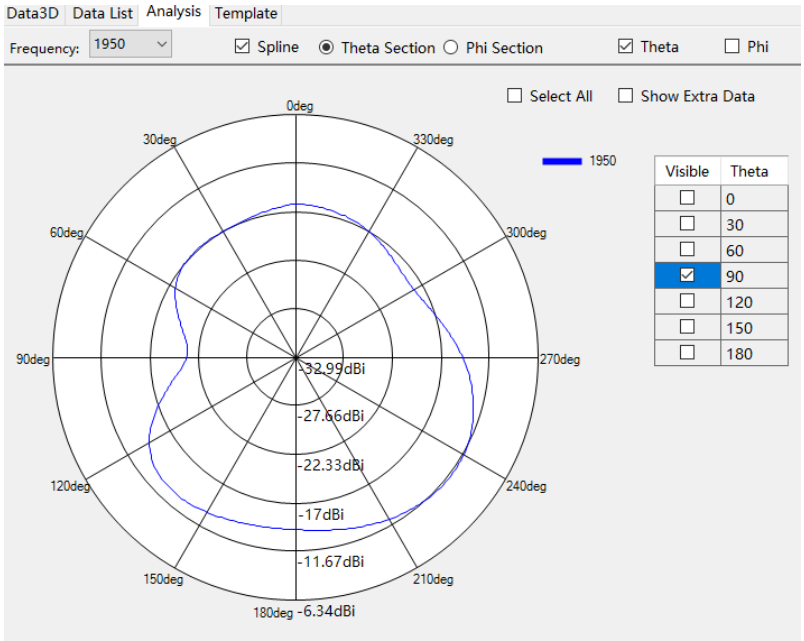
DCS1800/B3/B66

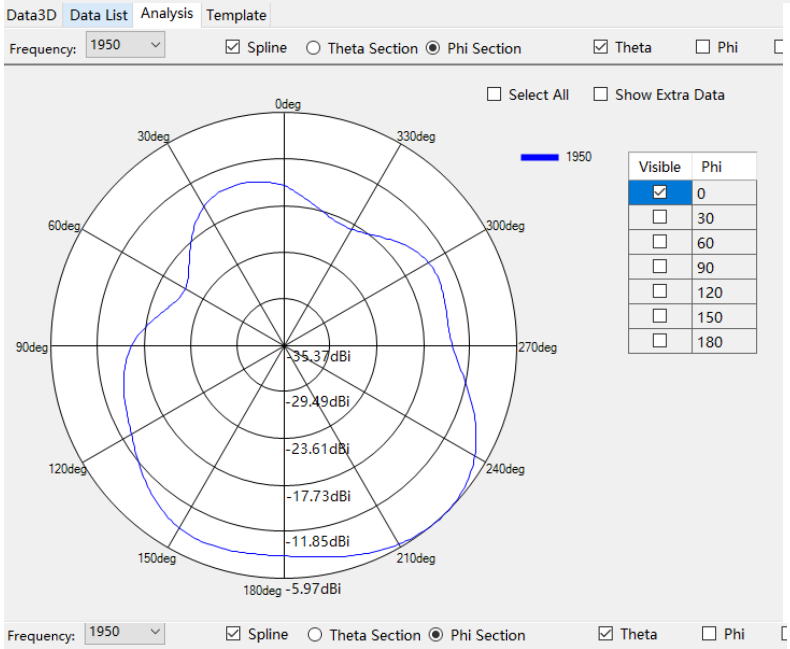


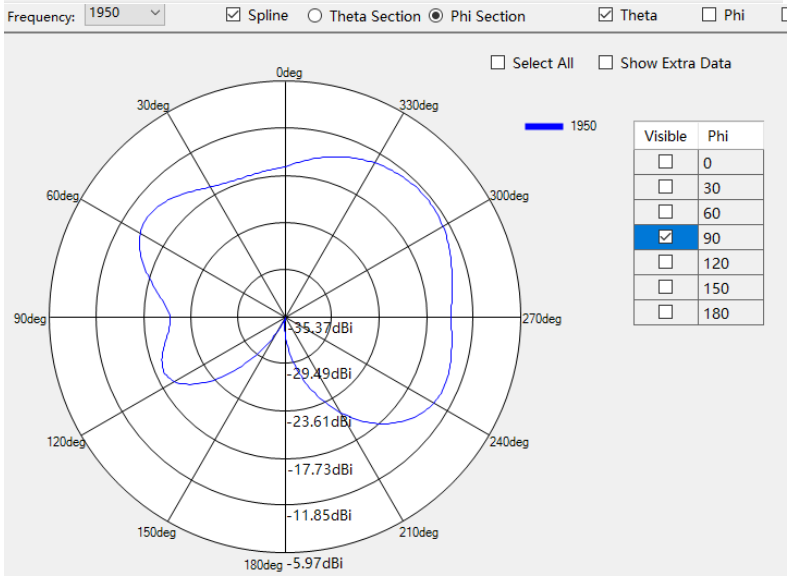




PCS1900/W2/B2







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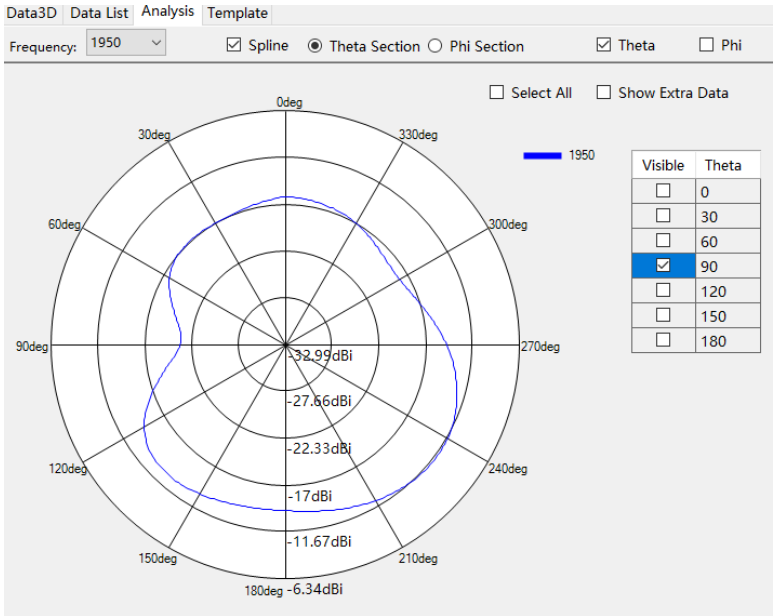
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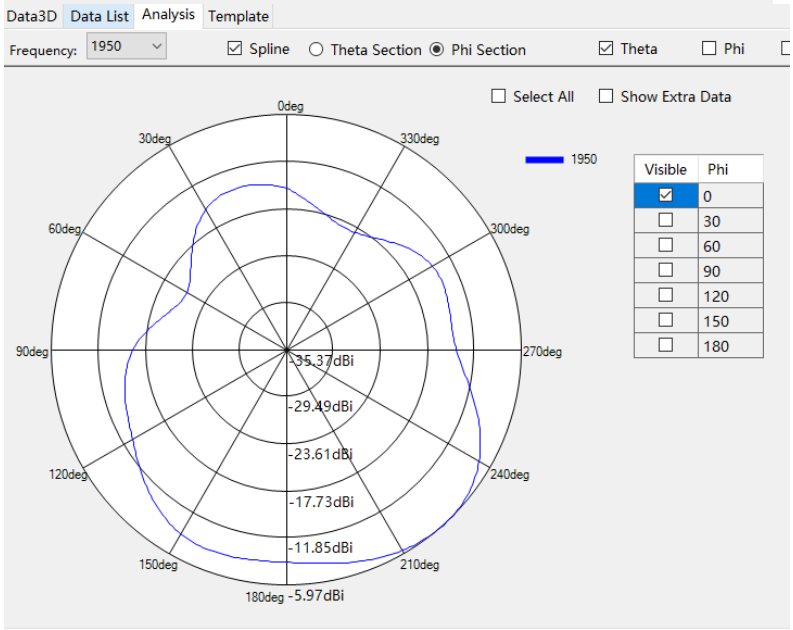
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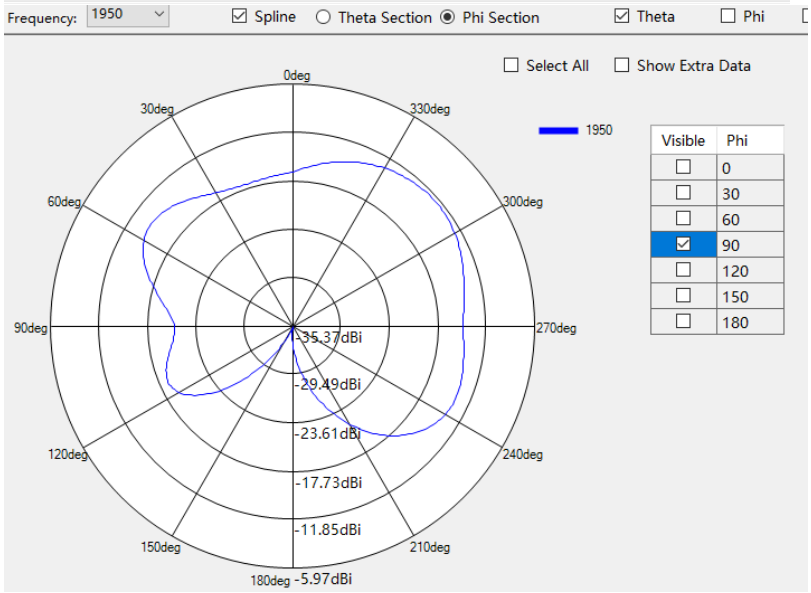
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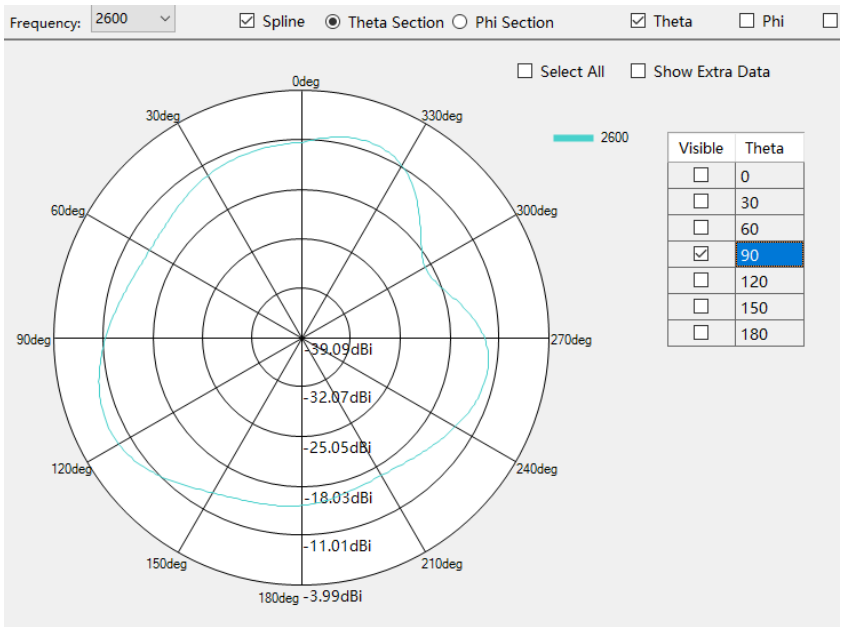
B7/B38/B41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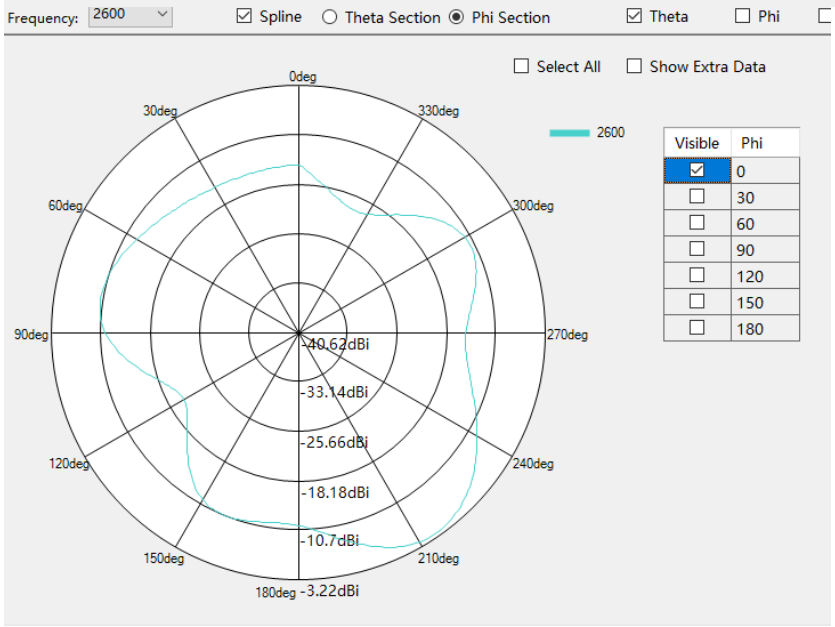
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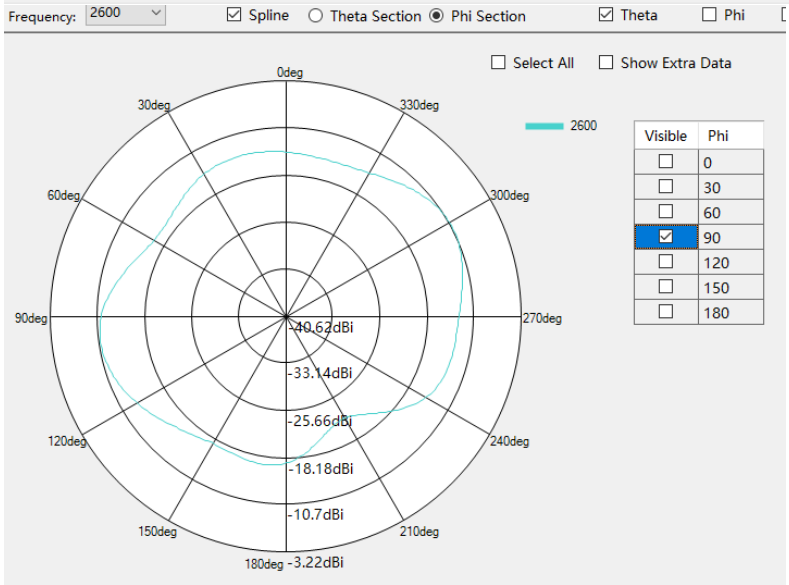
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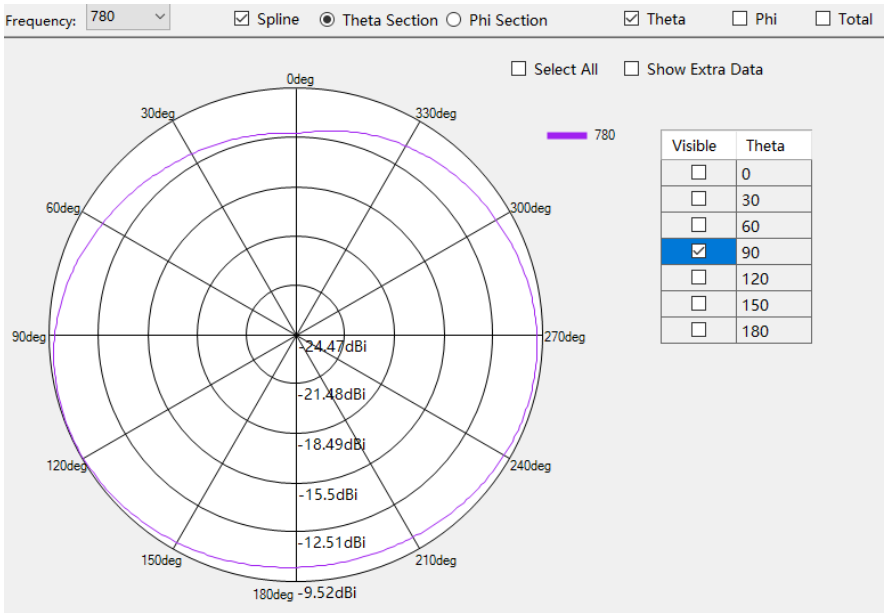
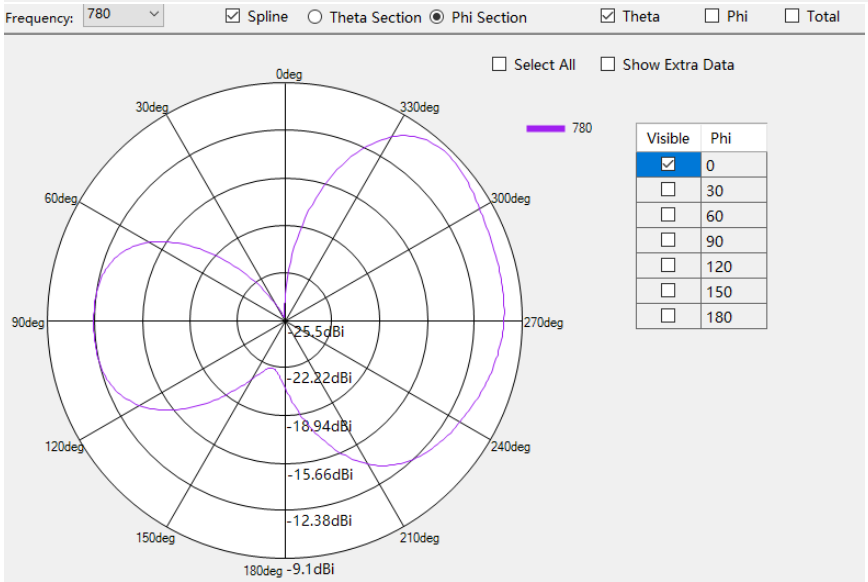
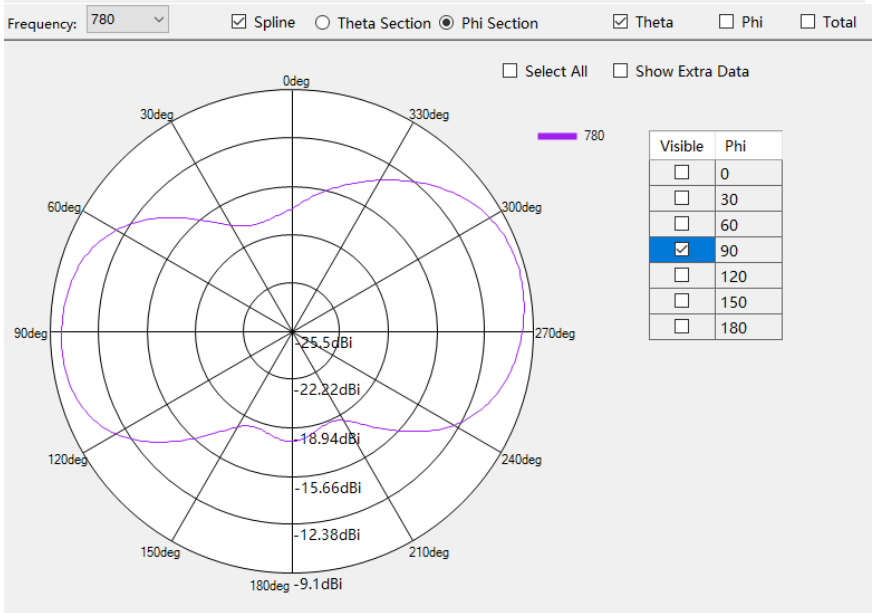
B12/B17/B28A/B28B







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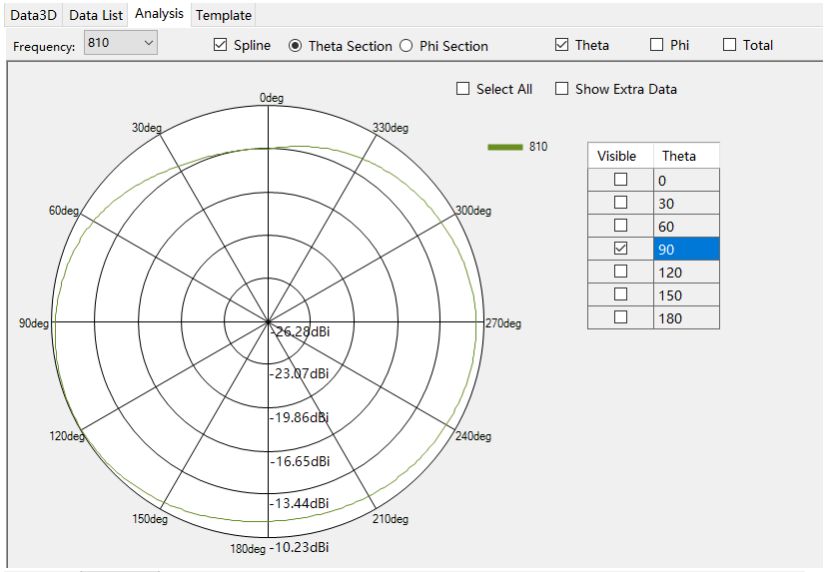
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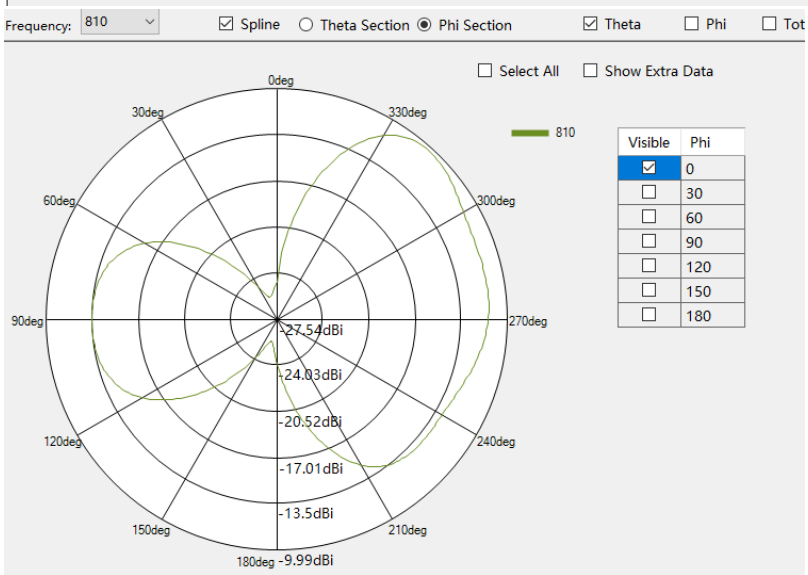
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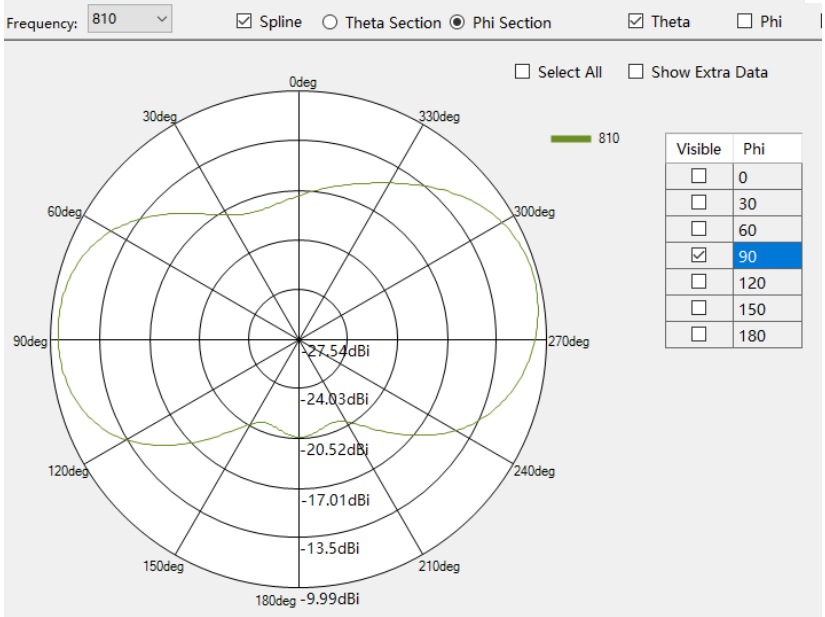
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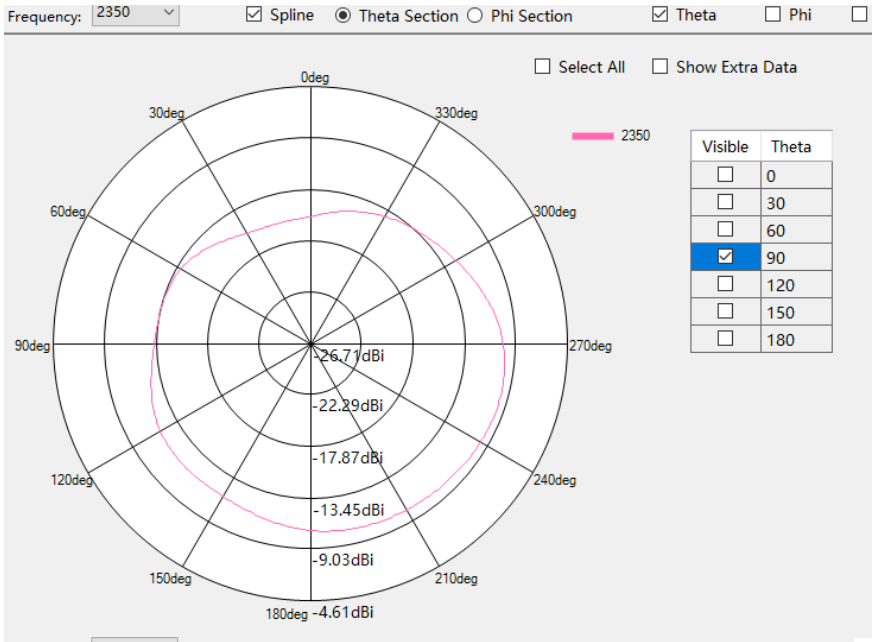
B40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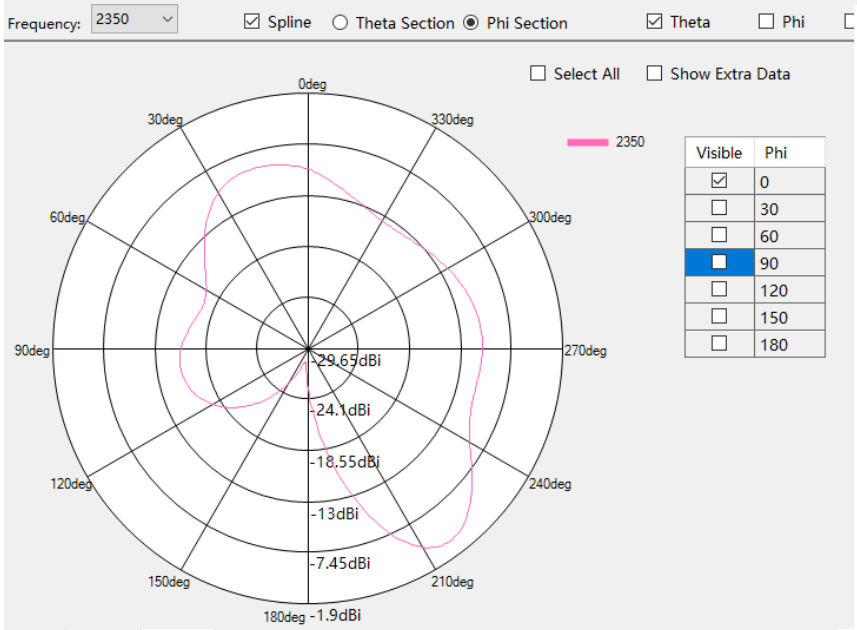
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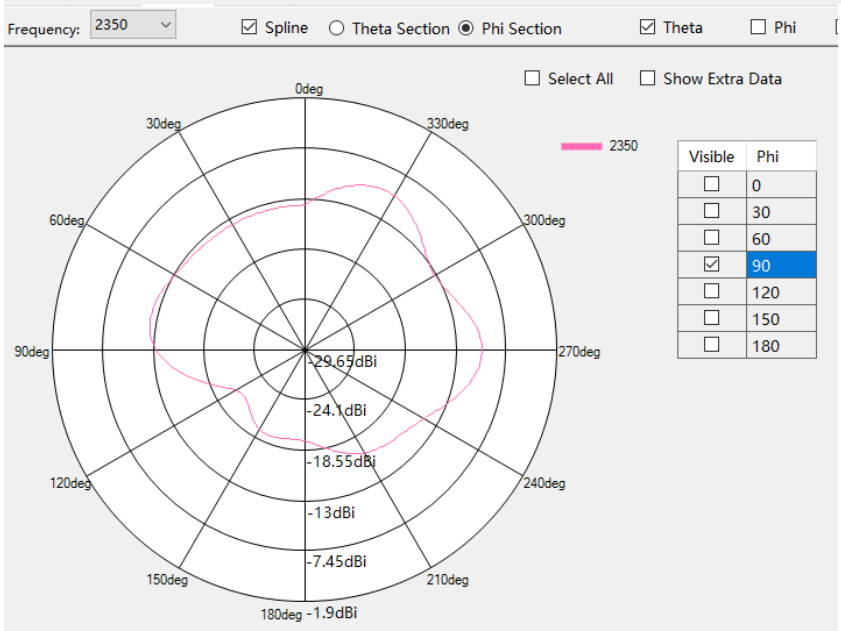
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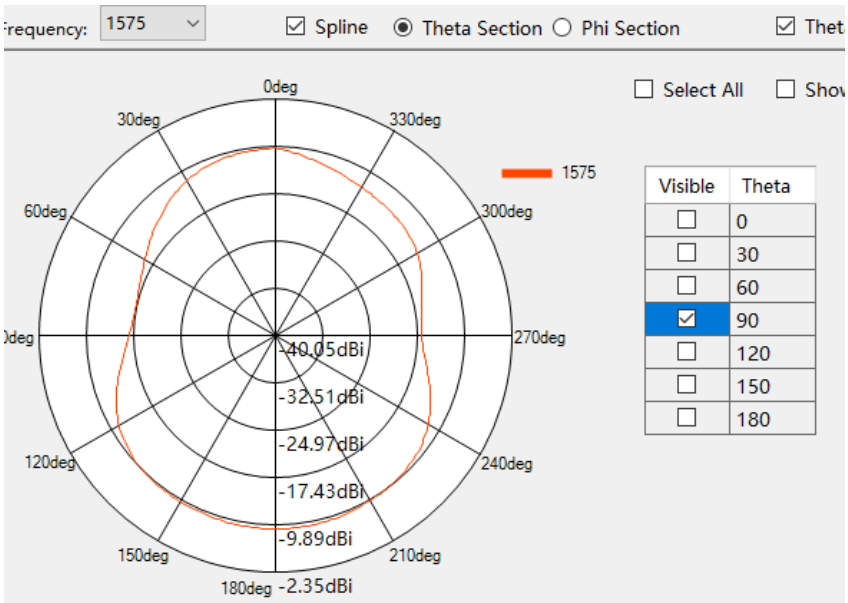
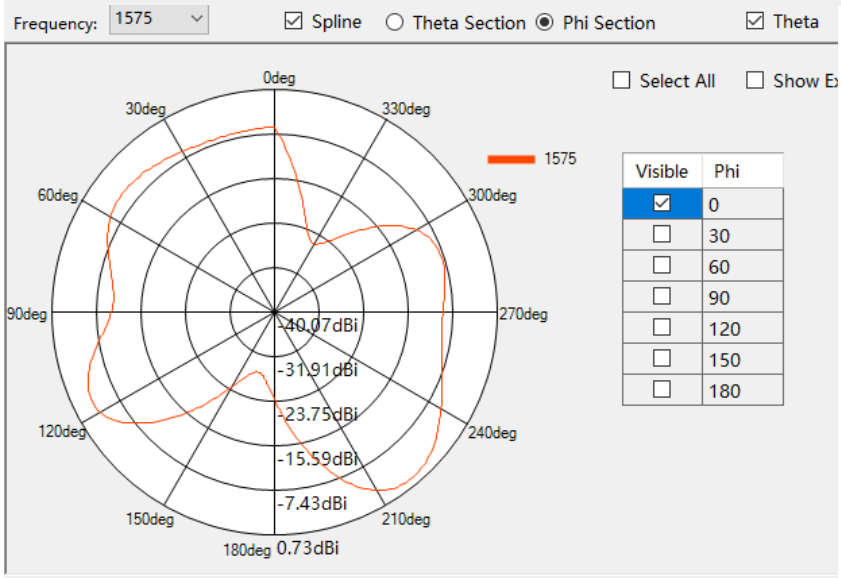
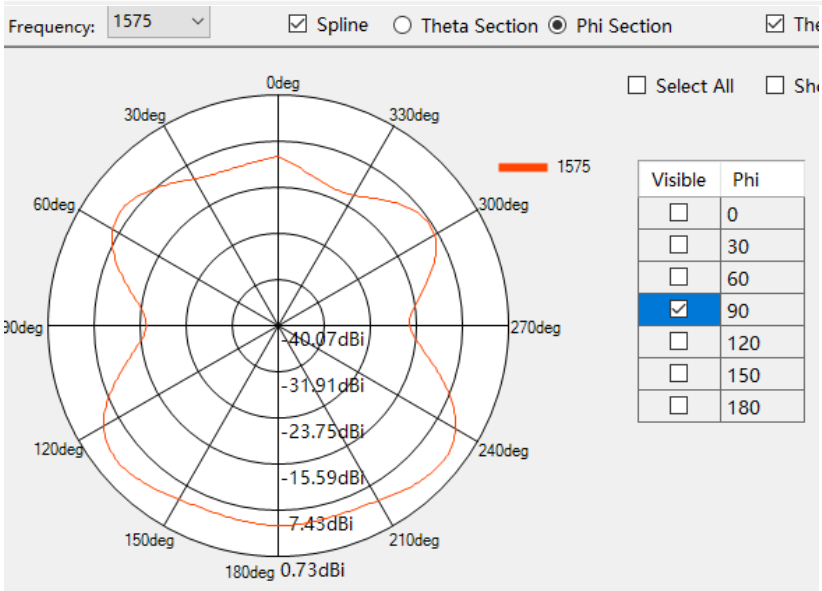
-1.9dBi

Three-in-one antenna

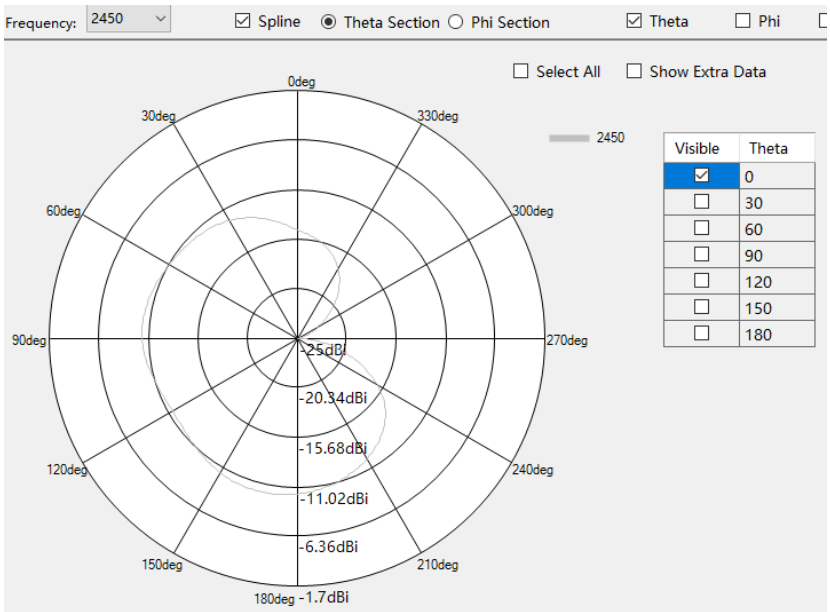
GPS







WIFI 2.4G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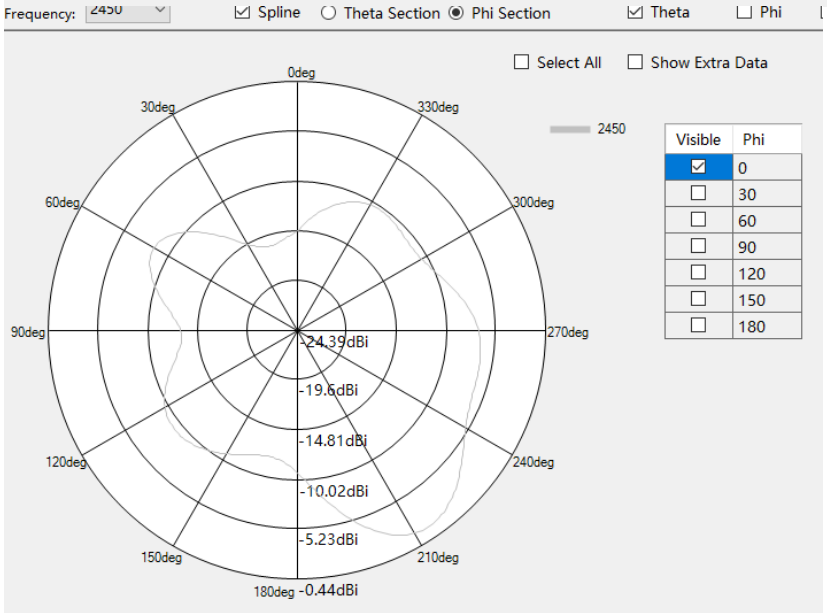
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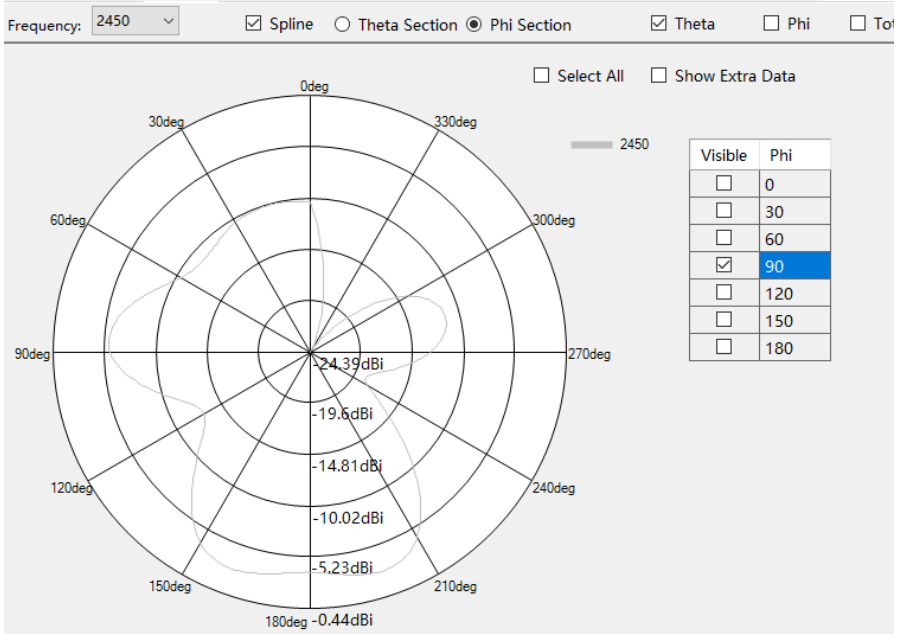
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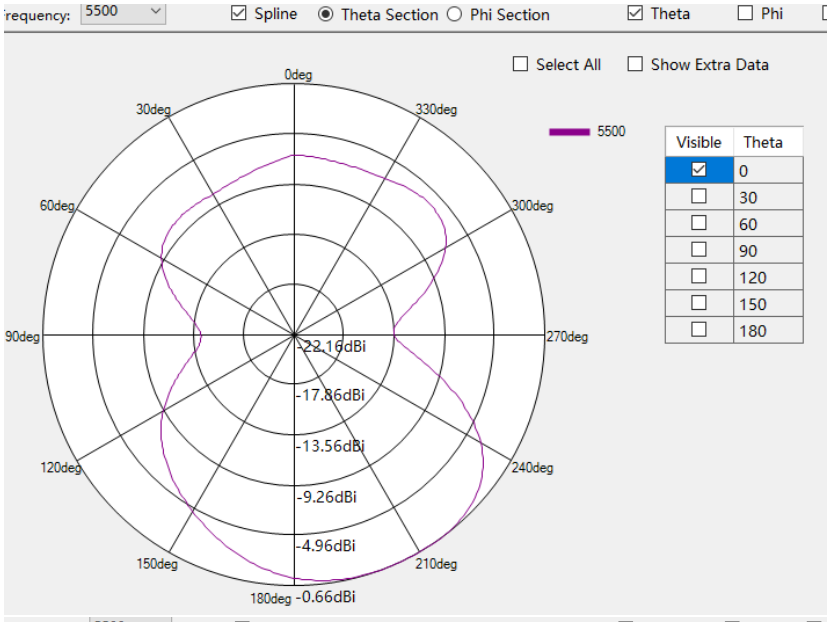
WIFI 5G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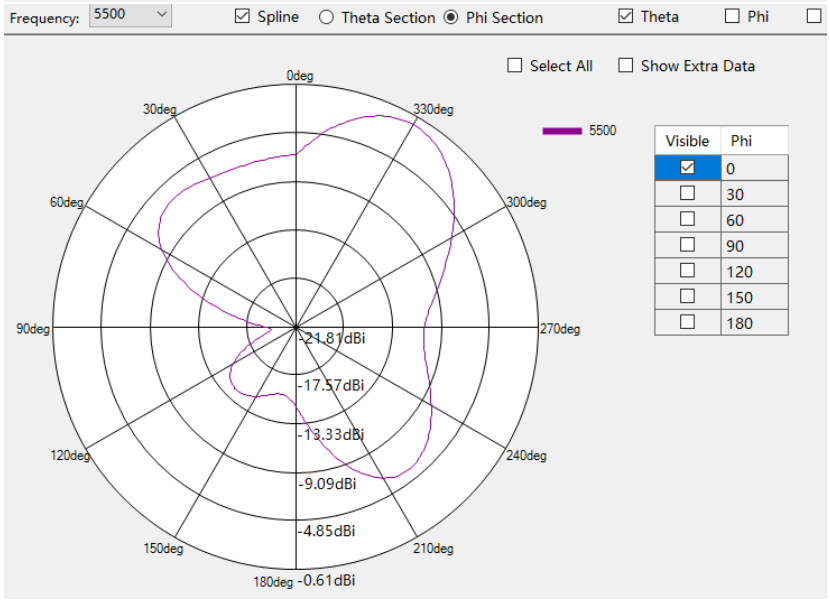
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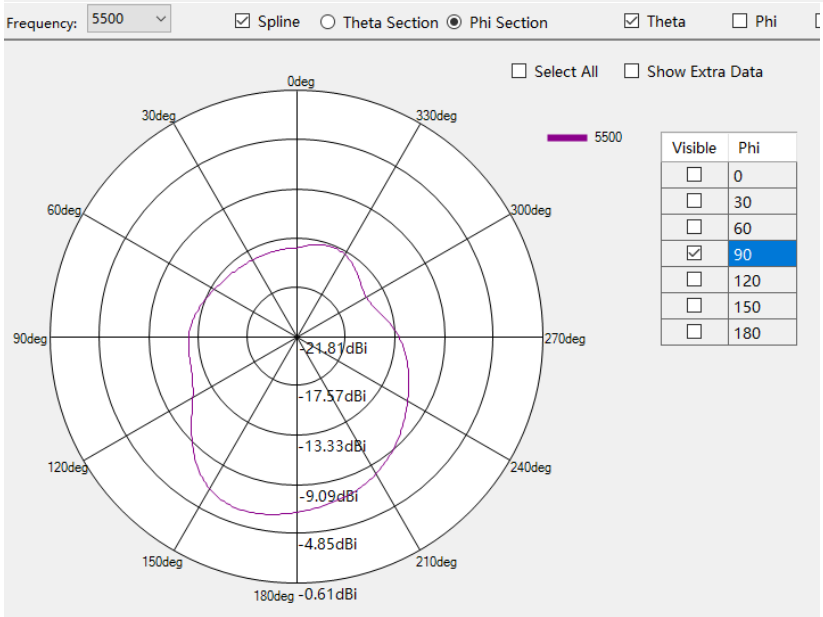
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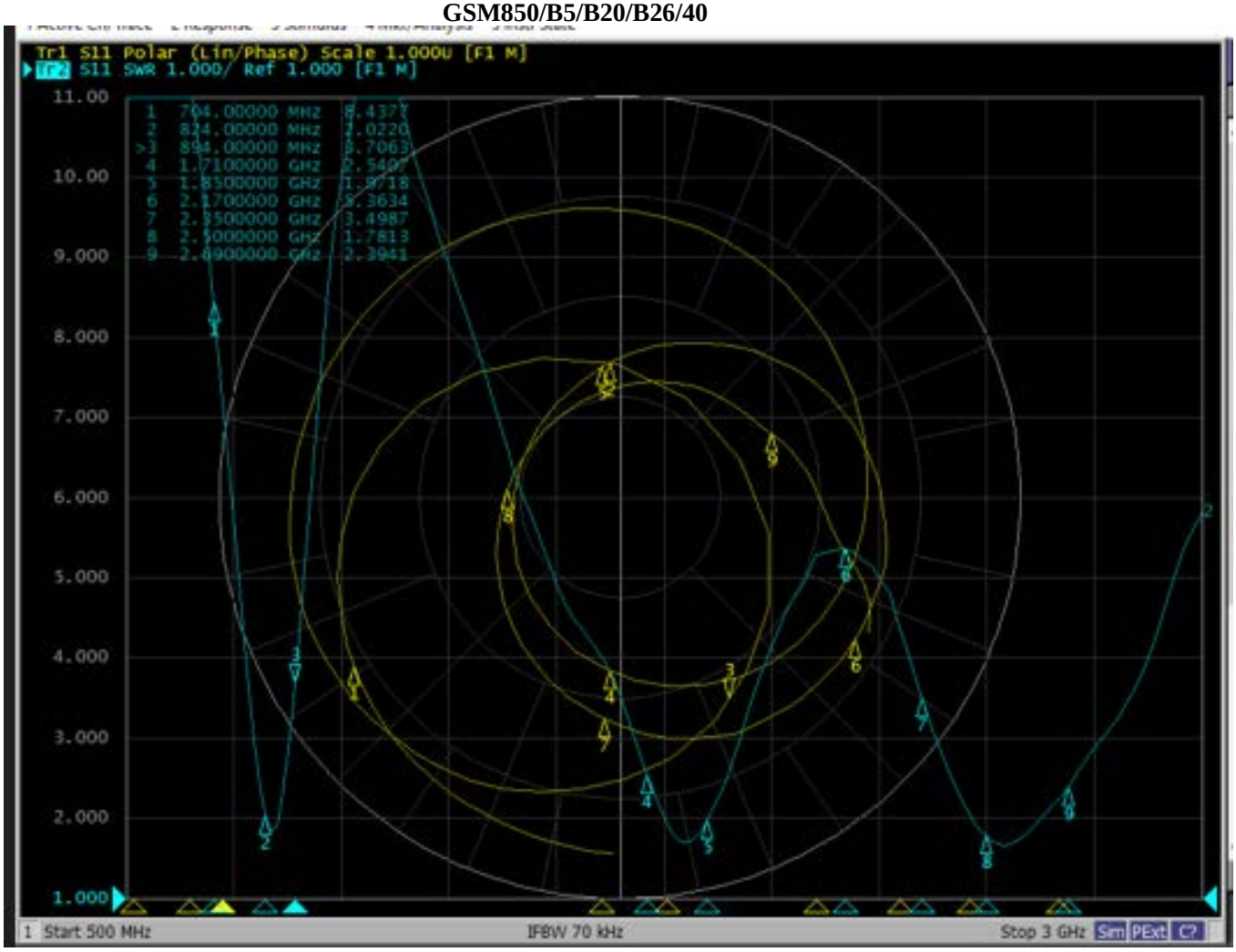
※S11:

Main Antenna
GSM850/B5/B20/B26/40



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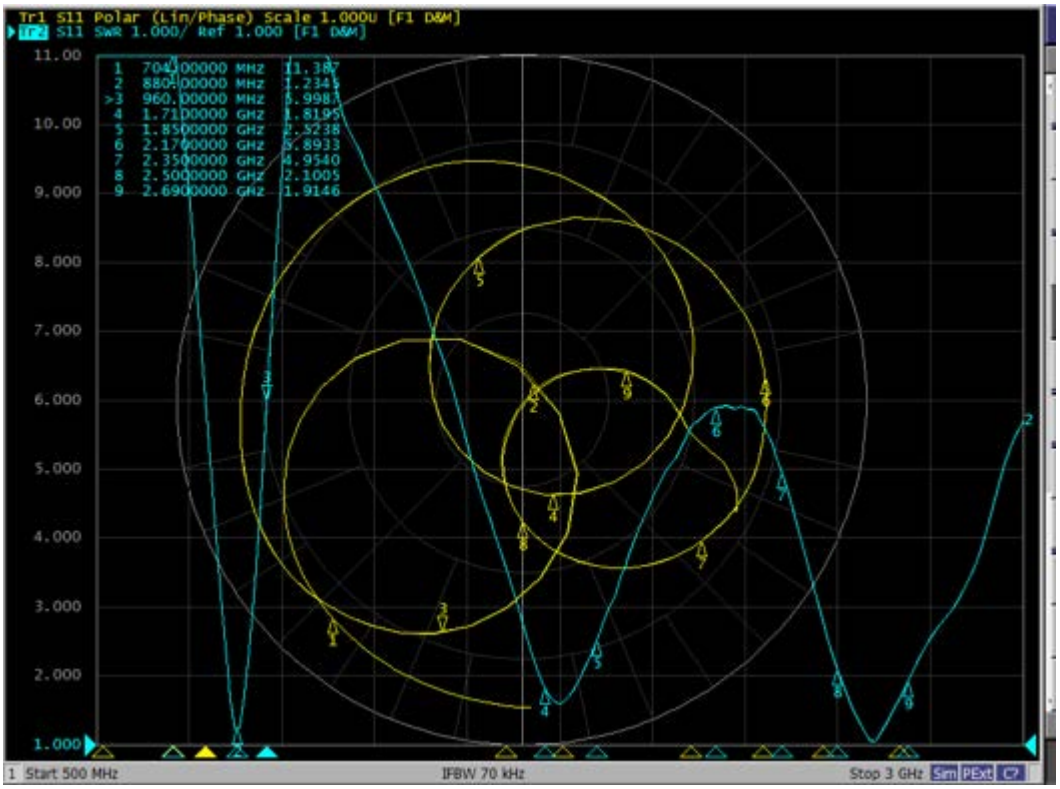
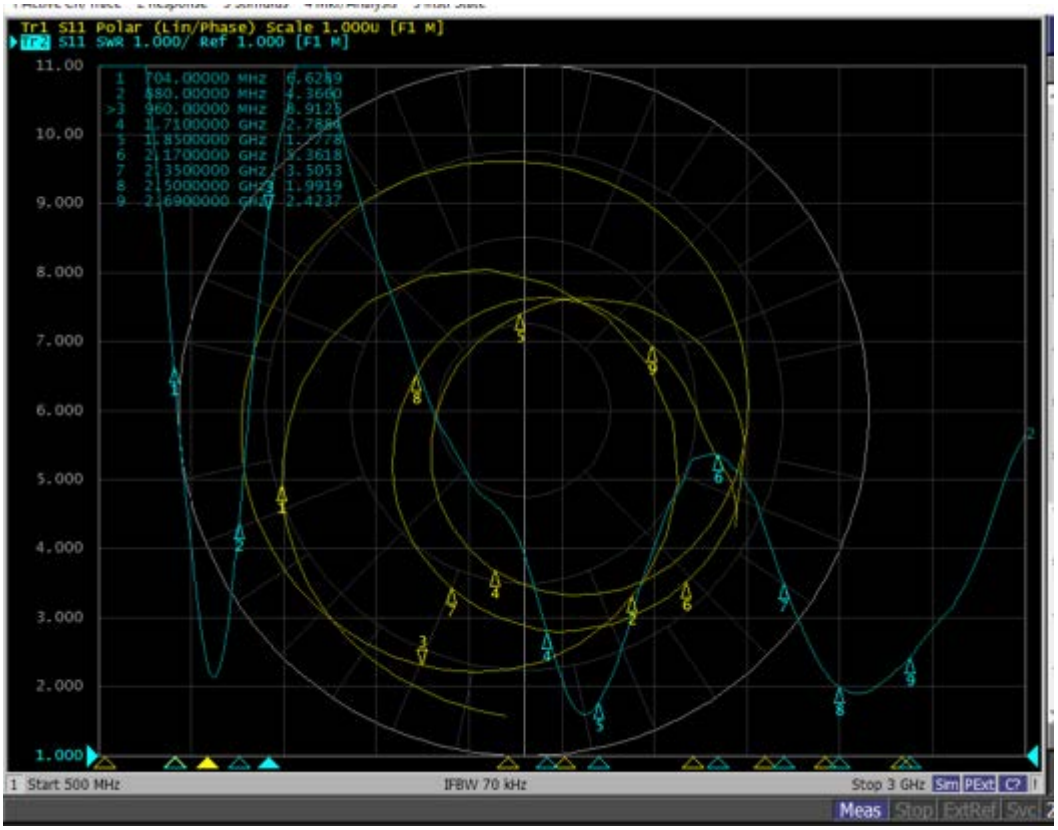
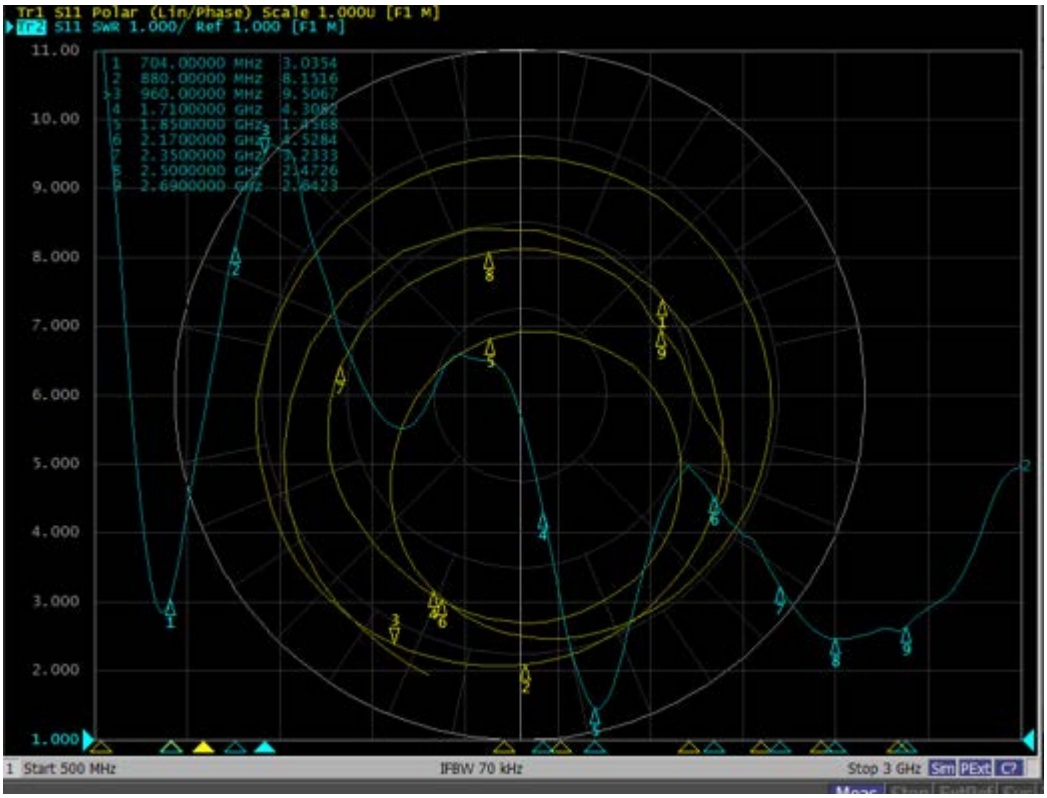


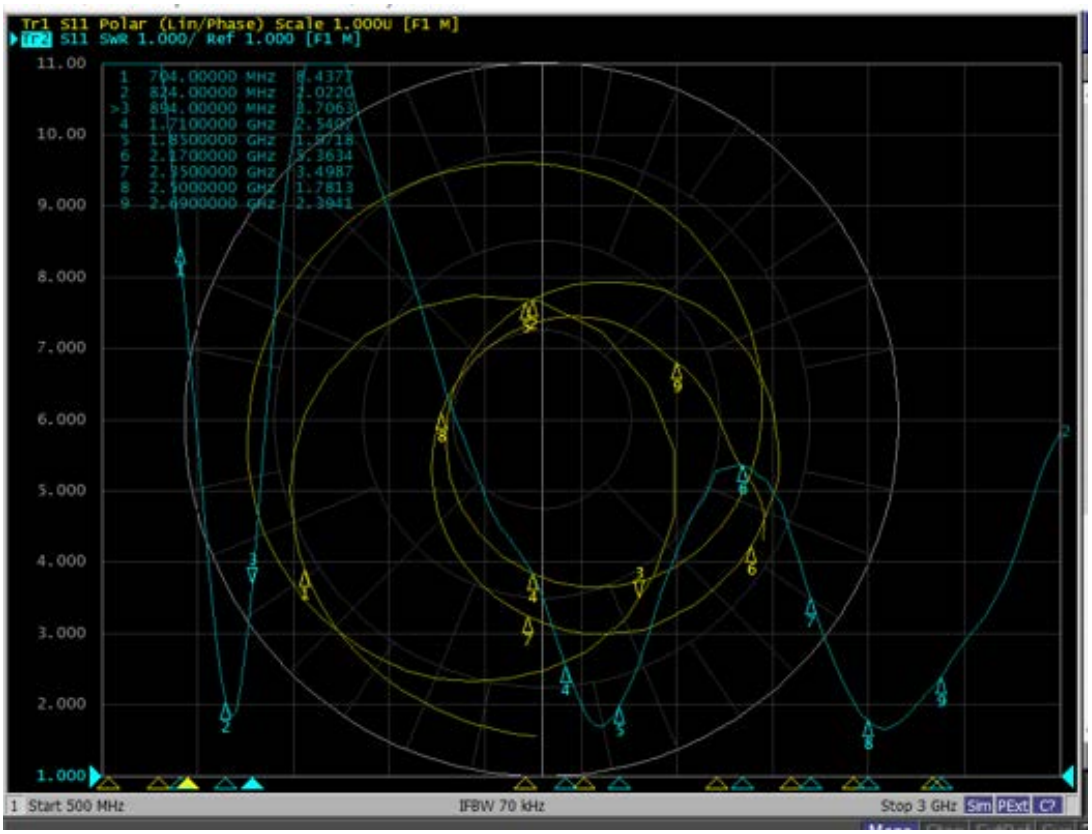
DCS1800/W4/B3/B4/B66



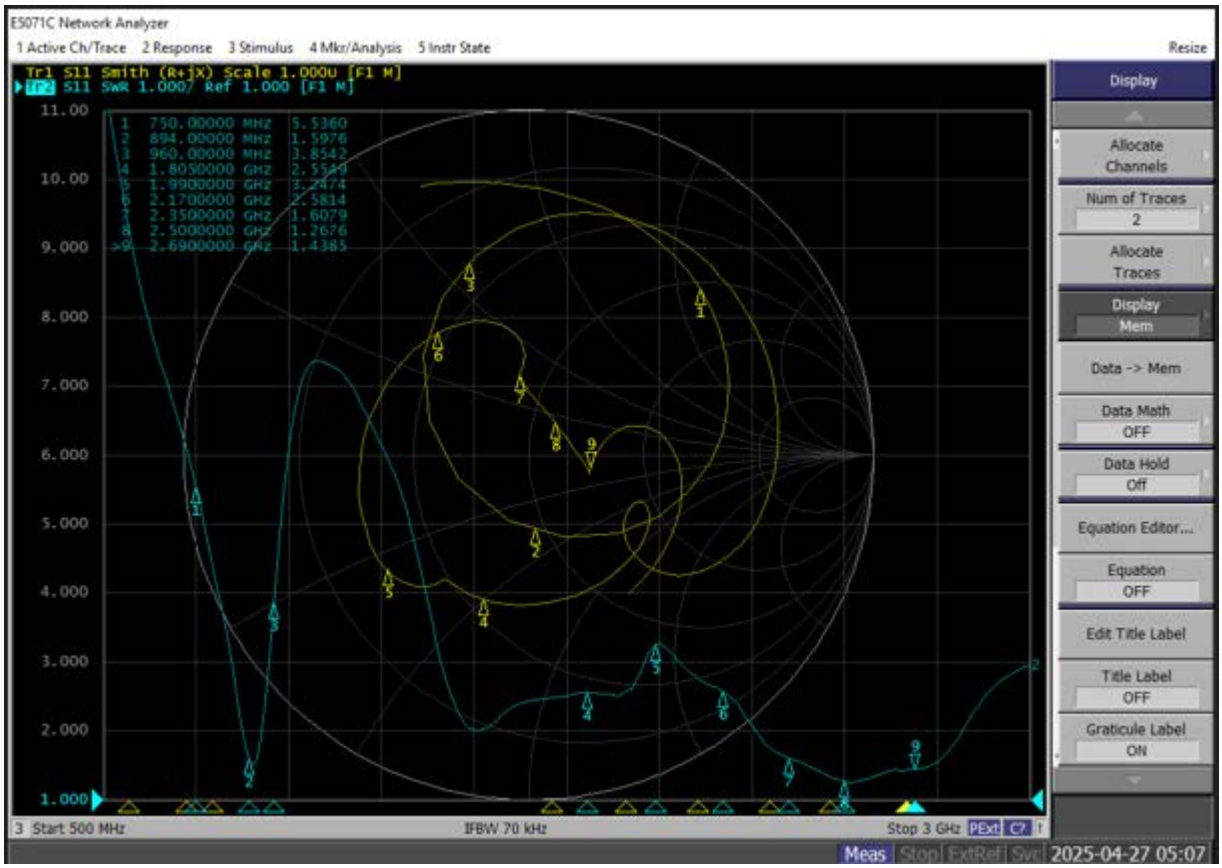
PCS1900/W1/W2/B1/B2/B12/B17/B28



B40



DIV Antenna
GSM850/W5/B5/B26



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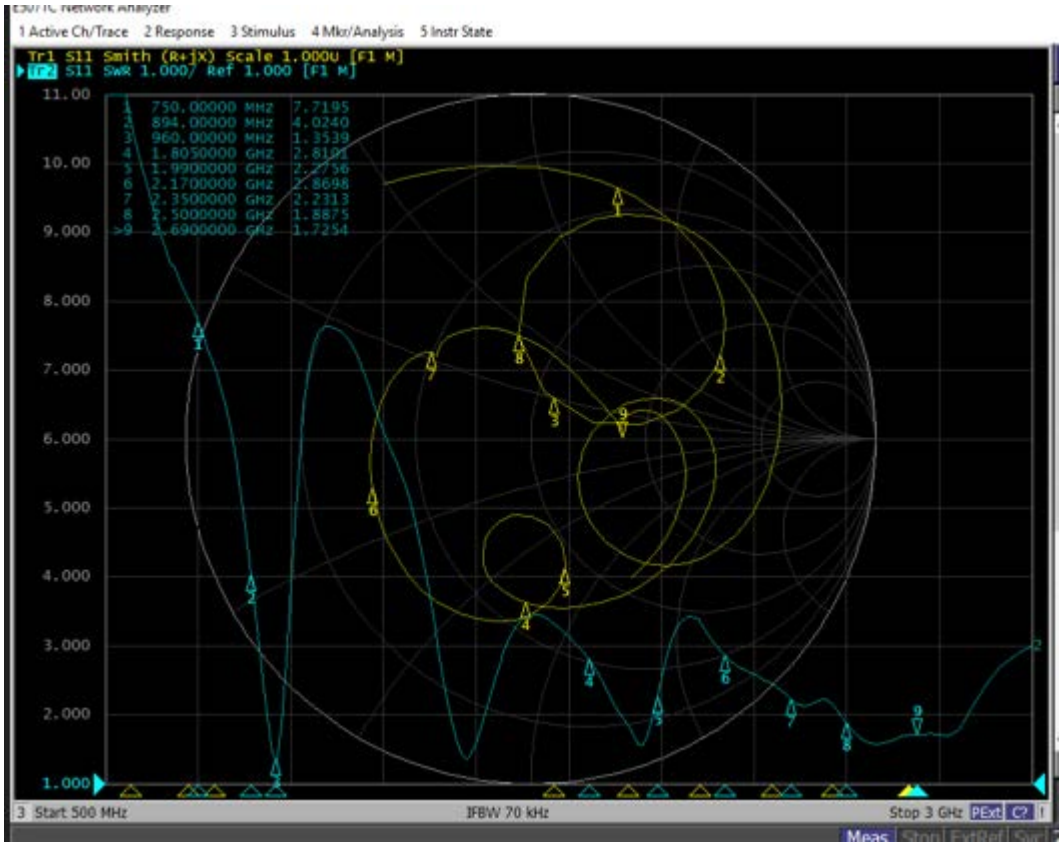
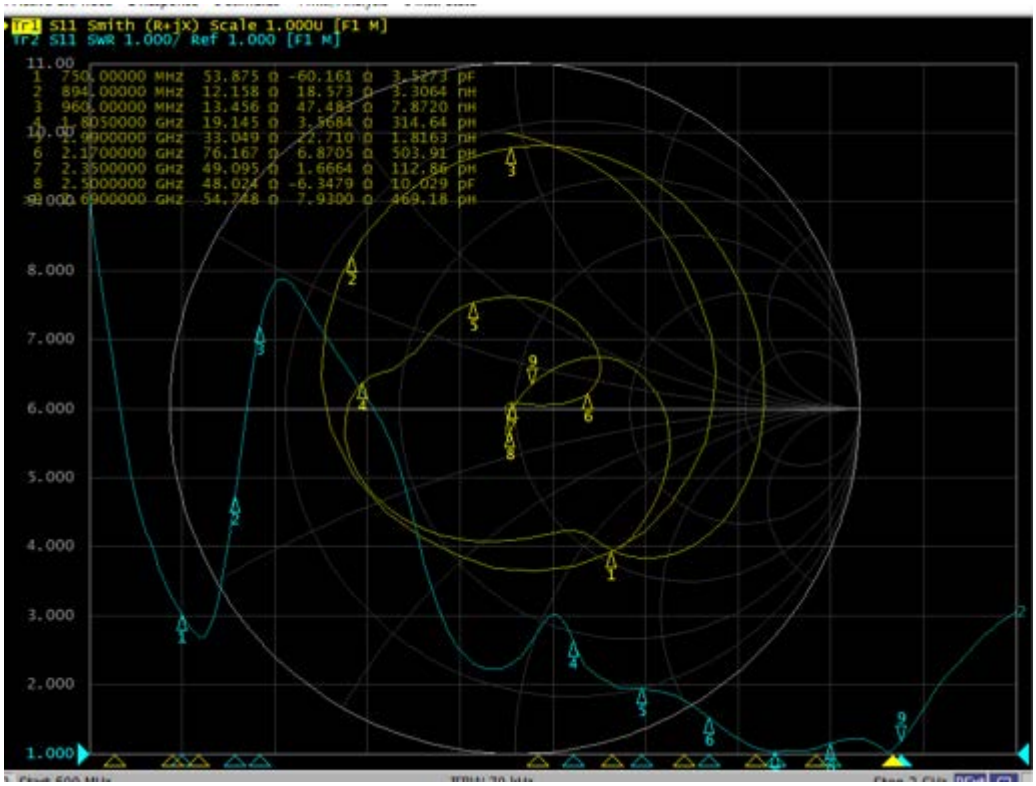
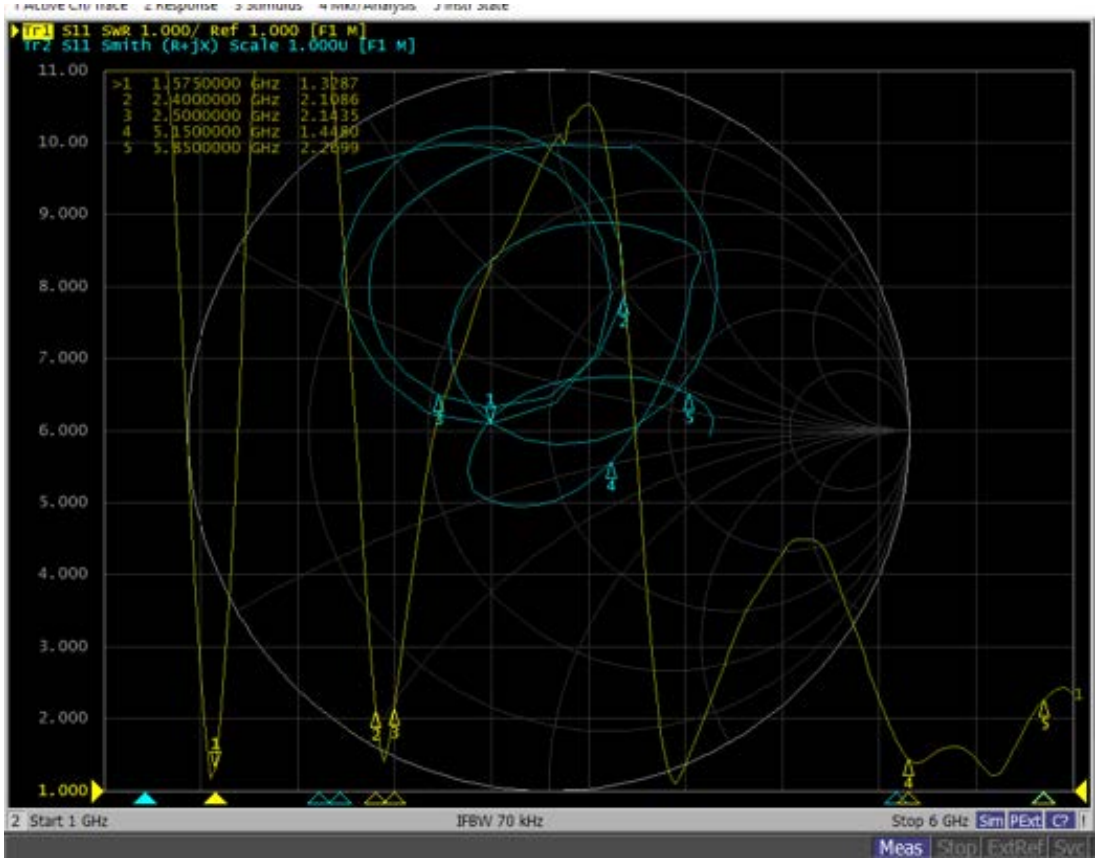


W1/B1/B3/B20/B40

DCS1800/PCS1900/W2/W4/B2/B4/B12/B17/B28/B66



Three-in-one antenna