

Feature

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

※Antenna manufacturer

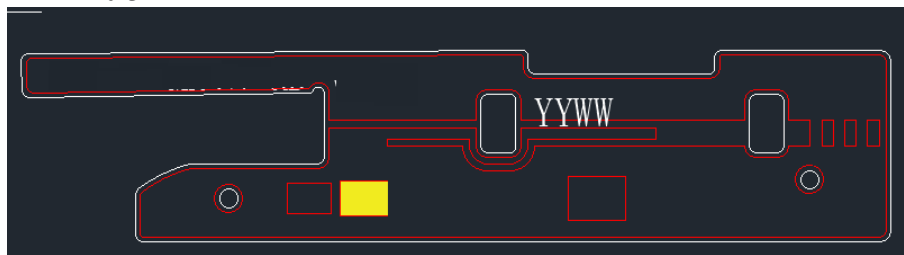
Name: Etheta Communication Technology (Shenzhen) CO.,Ltd

Factory ADD: No.401, Building 6, Zhangfeng Road, Oriental Community, Songgang Street, Bao'an District, Shenzhen

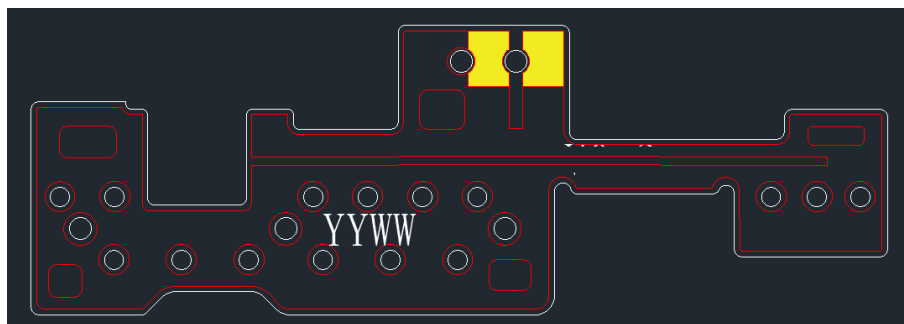
Headquarter ADD:Area B,Floor 3,Building 1,Baisha Technology Industrial Park,Shahe West Road,Nanshan District, Shenzhen

Shanghai Office:Room611, No.508, Chuanhong Road, ChuanshaNew Town, Pudong New Area, Shanghai

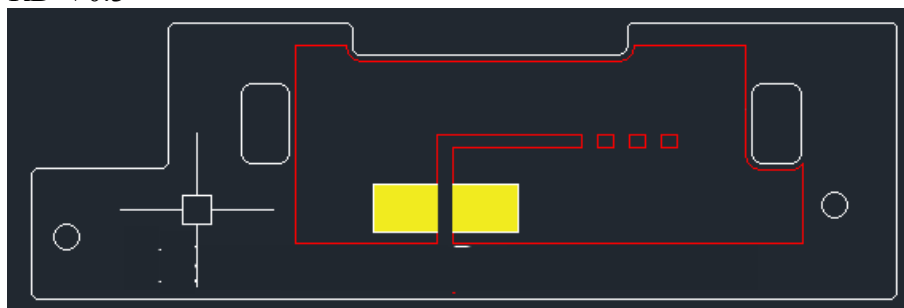
※Antenna
T1201-MAIN-RD-V0.3



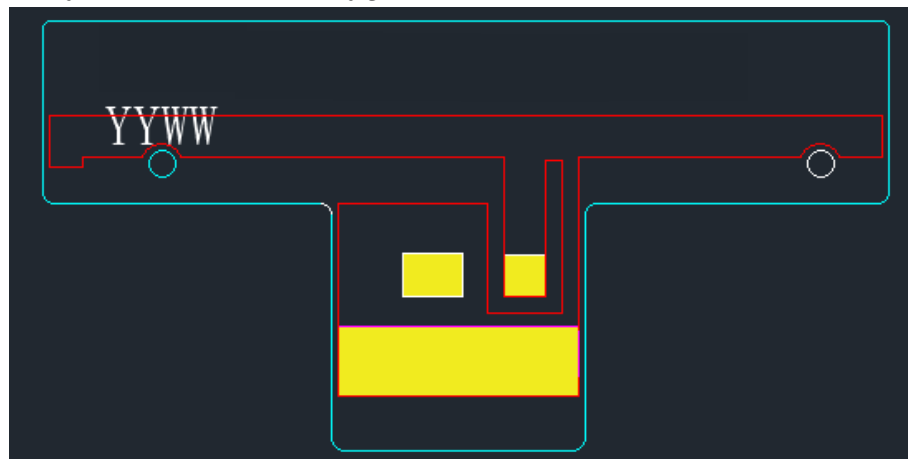
T1201-DIV-RD-V0.2



T1201-WIFI-RD-V0.3



T1201- 2.4G WAS-RD-V0.3



Electric Specifications

TYPE	FPC
Transmitter Frequency	GSM850:824-849MHz (TX) GSM900:880-915MHz (TX) DCS1800:1710-1785MHz (TX) PCS1900:1850-1910MHz (TX) WCDMA B1:1920-1980MHz (TX) WCDMA B2:1850-1910MHz (TX) WCDMA B4:1710-1755MHz (TX) WCDMA B5:824-849MHz (TX) WCDMA B8:880-915MHz (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 B20: 832-862MHz (TX) LTE B26: 814-849MHz (TX) LTE B28A: 708-728MHz (TX) LTE B28B: 723-743MHz (TX) LTE B38: 2570-2620MHz (TX) LTE B40: 2300-2400MHz (TX) LTE B41: 2565-2645 MHz (TX) LTE B66: 1710-1780 MHz(TX) WIFI 2.4G: 2412 -2462 MHz(TX) WIFI 5G: 5150-5850MHz(TX) Bluetooth: 2408 - 2480 MHz(TX) TAS2.4G: 2400-2500MHz(TX)
Receiver Frequency	GSM850:869-894MHz (RX) GSM900:925-960MHz (RX) DCS1800:1805-1880MHz (RX) PCS1900:1930-1990MHz (RX) WCDMA B1:2110-2170MHz(RX) WCDMA B2:1930-1990MHz (RX) WCDMA B4:2110-2155MHz (RX) WCDMA B5:869-894MHz (RX) WCDMA B8:925-960MHz (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:B8:925-960MHz (RX) LTE B12: 729-746MHz (RX) LTE B13: 746-756 MHz (RX) LTE B17: 734-746 MHz (RX) LTE B20:791-821MHz (RX) LTE B26: 859-894MHz (RX) LTE B28A:763-783MHz (RX) LTE B28B:778-798MHz (RX) LTE B38:2570-2620MHz (RX) LTE B40:2300-2400MHz (RX) LTE B41: 2565-2645MHz (RX) LTE B66: 2110-2200MHz (RX) WIFI 2.4G:2412 -2462 MHz (RX) WIFI 5G:5150-5850MHz (RX) Bluetooth: 2408 - 2480 MHz (RX) TAS2.4G 2400-2500MHz (RX)
Antenna Gain	MAIN Gain GSM 850: -4.26dBi GSM 900: -3.52dBi DCS 1800: -3.32dBi PCS 1900: -3.33dBi WCDMA B1: -3.38dBi WCDMA B2: -3.66dBi WCDMA B4: -4.47dBi WCDMA B5: -4.26dBi WCDMA B8: -3.52dBi LTE B1: -3.38dBi LTE B2: -3.33dBi LTE B3: -4.47dBi LTE B4: -4.47dBi LTE B5: -4.26dBi LTE B7: -1.64dBi LTE B8: -3.52dBi LTE B12: -5.88dBi LTE B13: -5.88dBi LTE B17: -5.88dBi LTE B20: -4.15dBi LTE B26: -4.25dBi LTE B28A: -5.88dBi LTE B28B: -5.88dBi LTE B40: -4.46dBi LTE B38: -1.64dBi LTE B41: -1.64dBi LTE B66: -4.47dBi WIFI 2.4G: Ant0: -7.00dBi

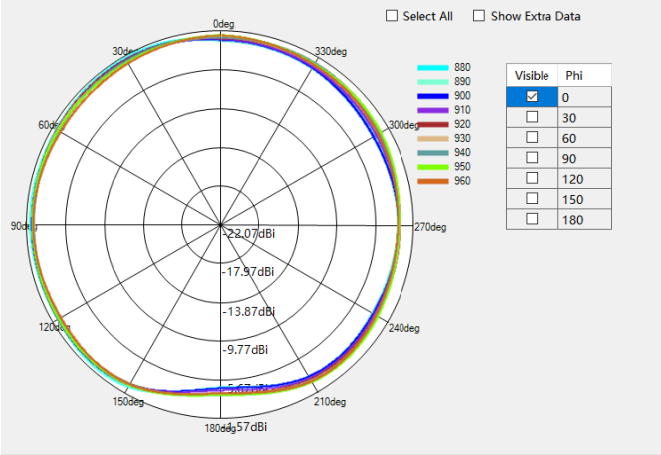
	Ant1: -1.55dBi WIFI 5G: -1.63dBi Bluetooth: Ant0: -7.00dBi Ant1: -1.55dBi
Power of antenna	GSM 850: 23dBm GSM 900: 24.3dBm DCS 1800: 25.52dBm PCS 1900: 24.33dBm WCDMA B1: 17.88dBm WCDMA B2: 18.66dBm WCDMA B4: 17.33dBi WCDMA B5: 15.42dBm WCDMA B8: 14.6dBm LTE B1: 17.24dBm LTE B2: 17.32dBm LTE B3: 18.3dBm LTE B4: 18.2dBm LTE B5: 15.1dBm LTE B7: 16.32dBm LTE B8: 14.1dBm LTE B12: 12.33dBi LTE B13: 12.13dBi LTE B17: 12.53dBi LTE B20: 14.25dBm LTE B26: 14.34dBm LTE B28A: 12.43dBm LTE B28B: 13.6dBm LTE B40: 18.56dBm LTE B38: 16.55dBm LTE B41: 16.7dBm LTE B66: 18.1dBm WIFI 2.4G 11N:10.6dBm WIFI 5G 11A:11.1dBm Bluetooth: 3.6dBm TAS WIFI 2.4G 11N: 9dBm

※ Antenna Gain

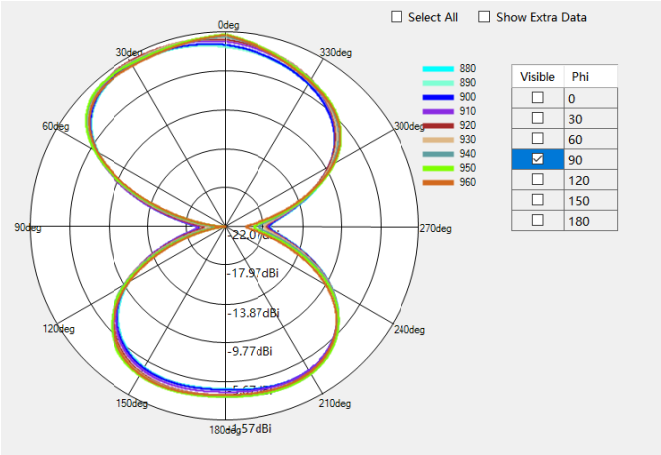
Main Antenna

GSM900/WCDMA B8/LTE B8

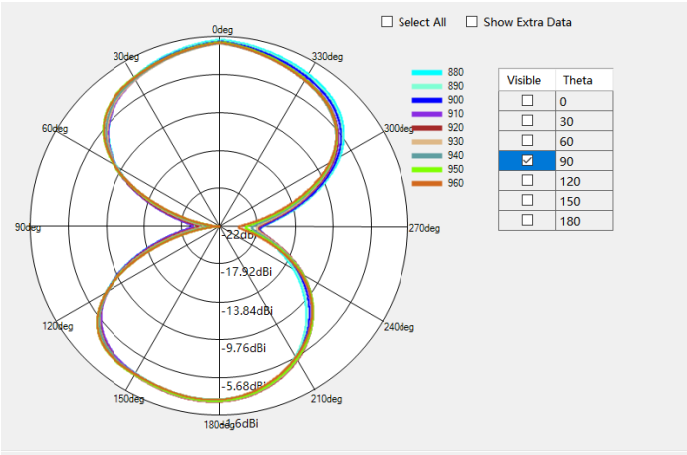
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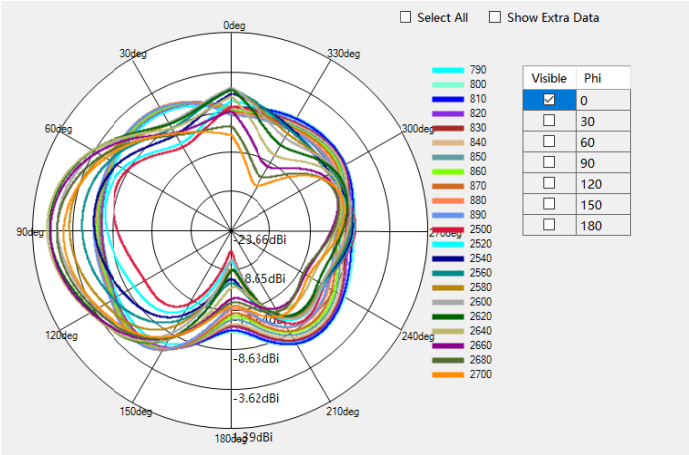
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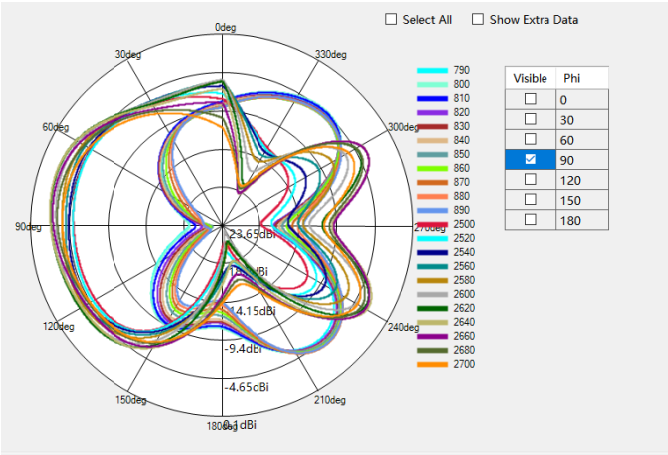
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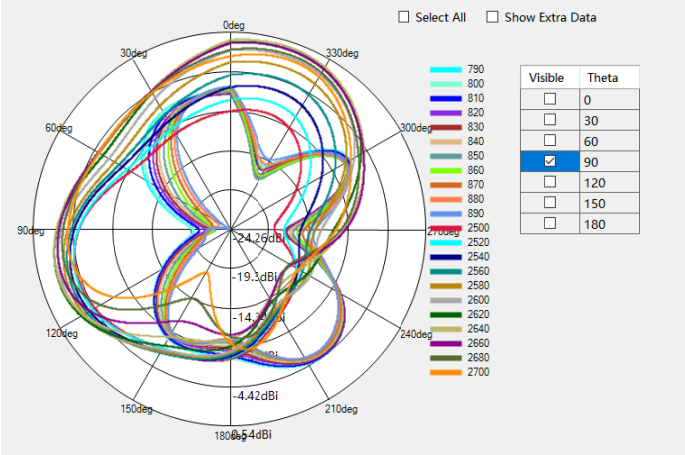
GSM 850/WCDMA B5/LTE B5/20/26/7/38/41
Phi=0



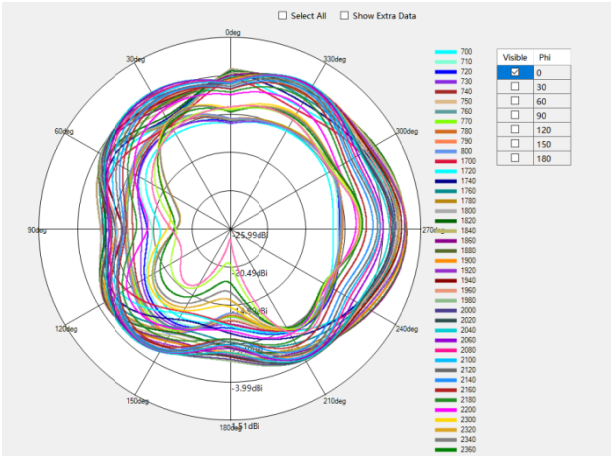
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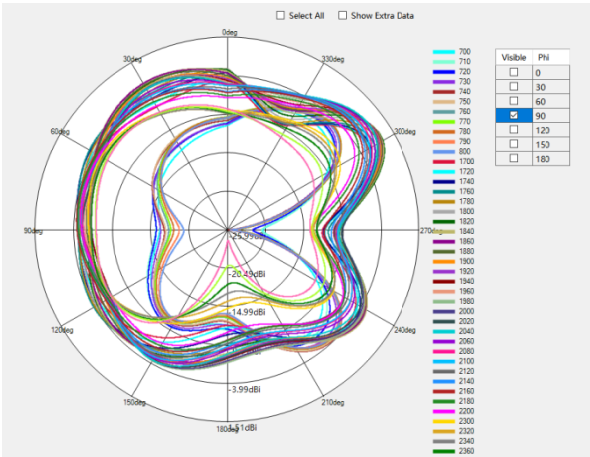
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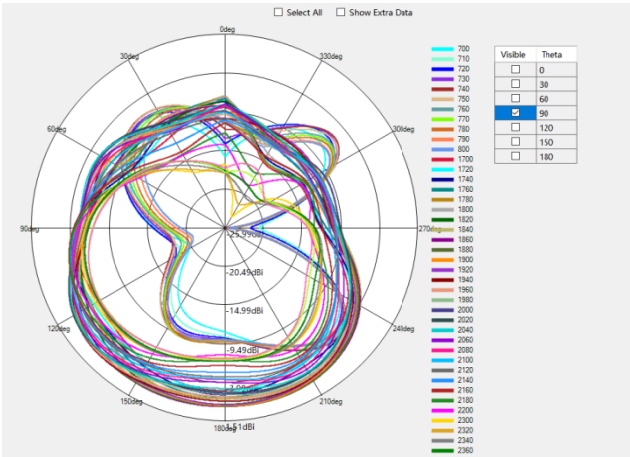
LTE B1/2/3/4/28/40/66
Phi=0



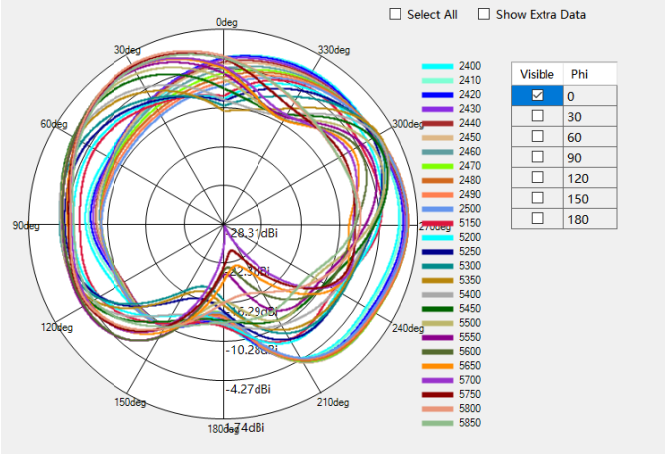
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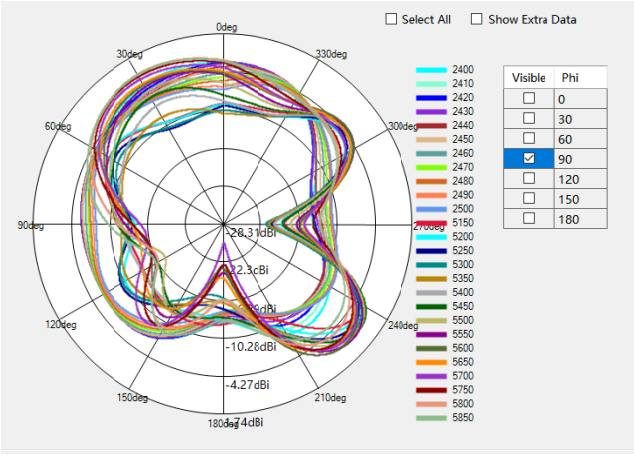
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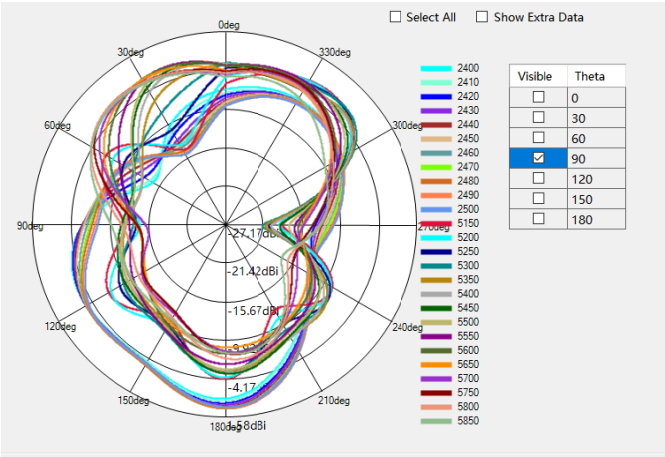
WIFI 2.4G/5G
Phi=0



Phi=90

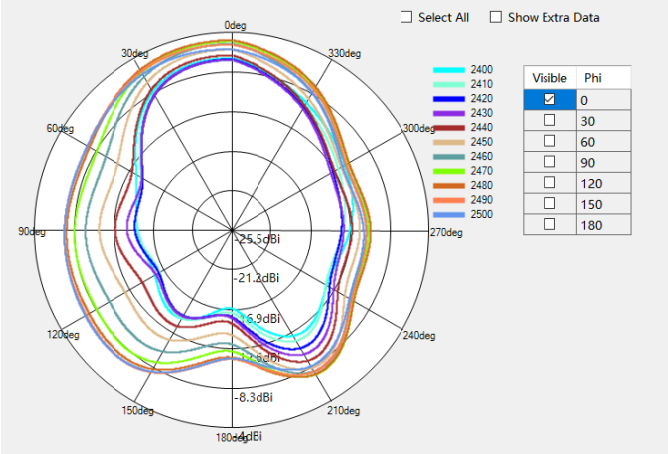


Theta=90

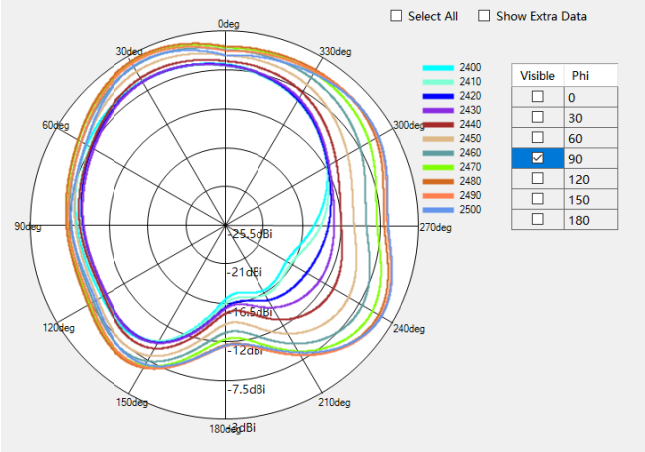


WIFI 2.4G

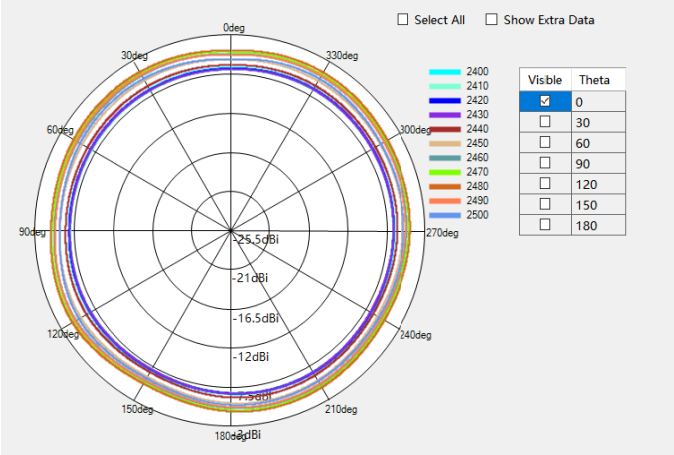
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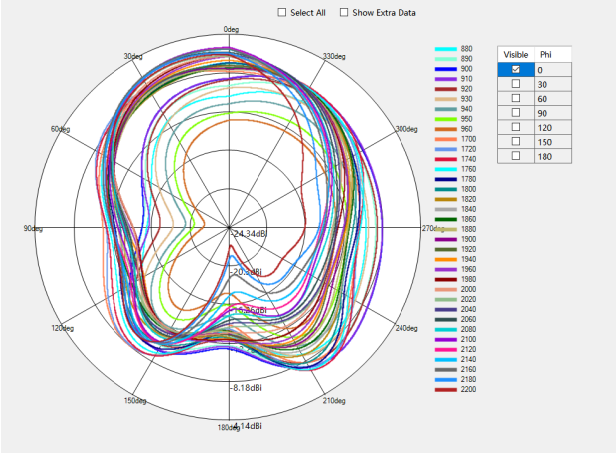
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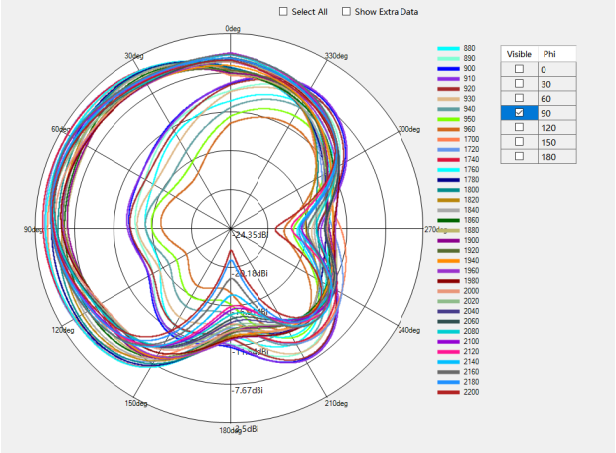
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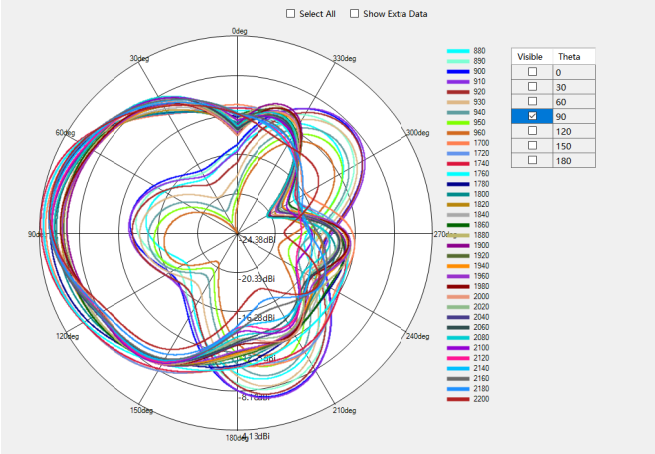
DIV
GSM 900/WCDMA B1/2/4/8/LTE B1/2/3/4/8/66
Phi=0



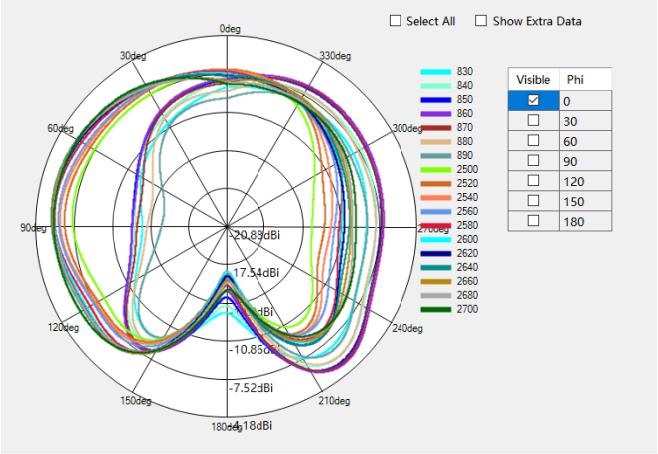
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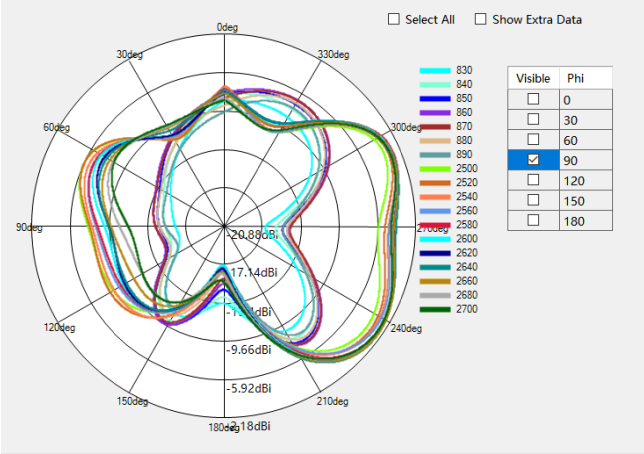
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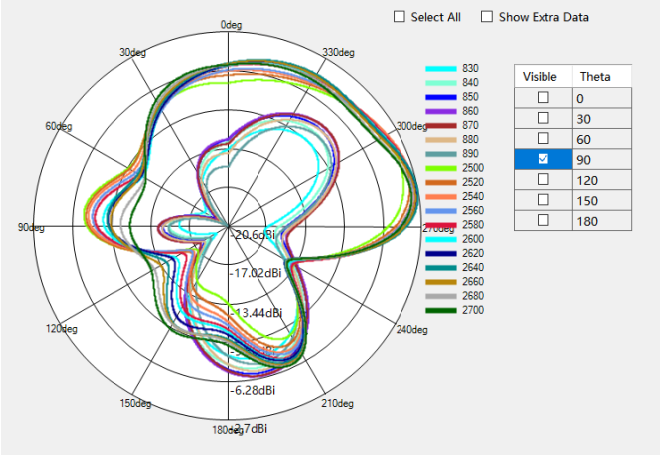
GSM 850/WCDMA B5/LTE B5/26/41
Phi=0



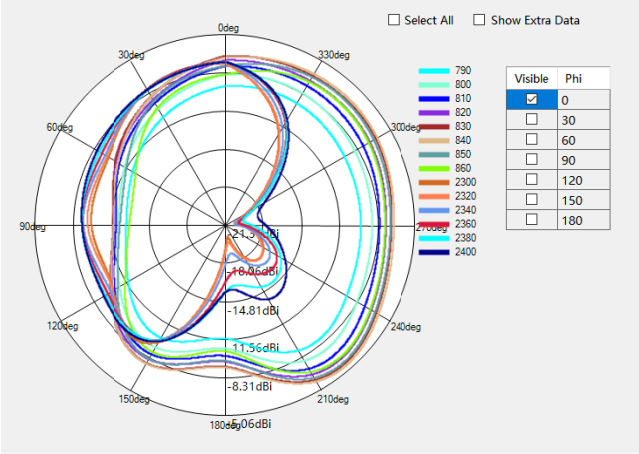
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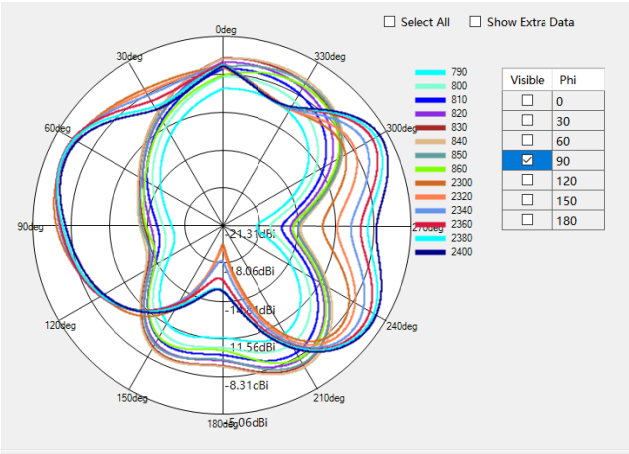
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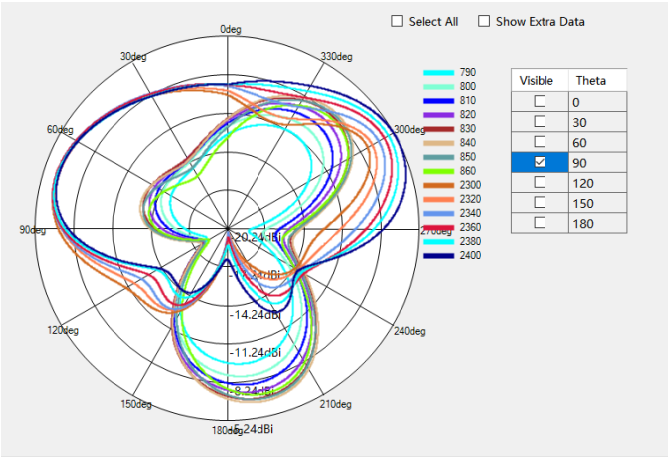
LTE B20/40
Phi=0



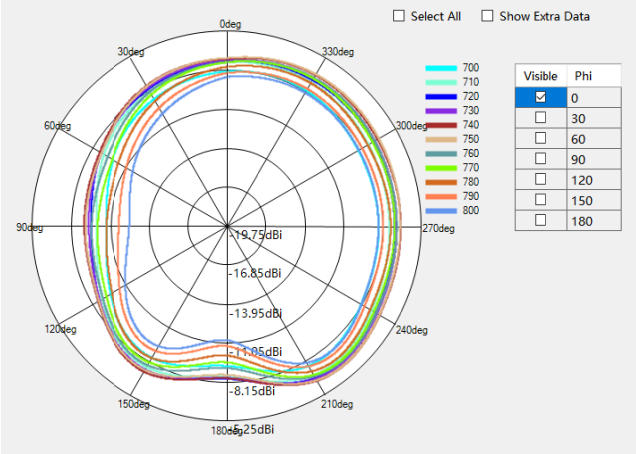
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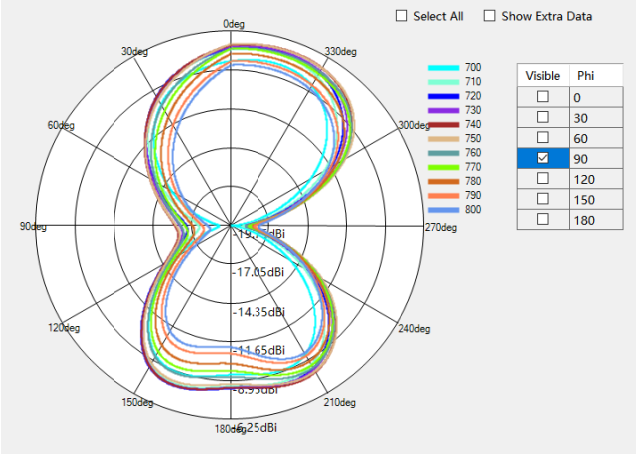
Theta=90



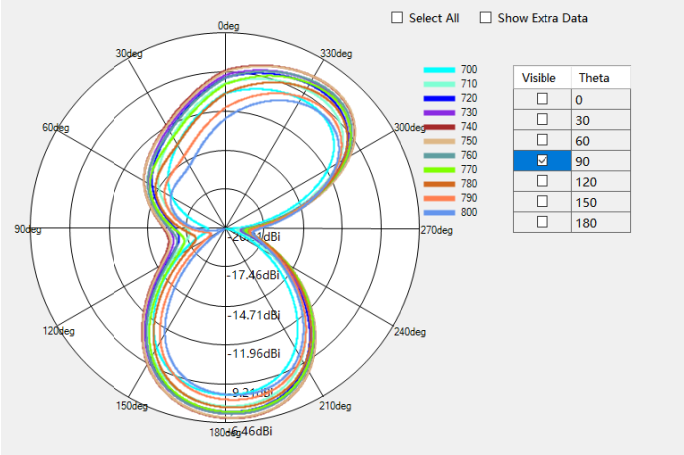
LTE B28
Phi=0



Phi=90

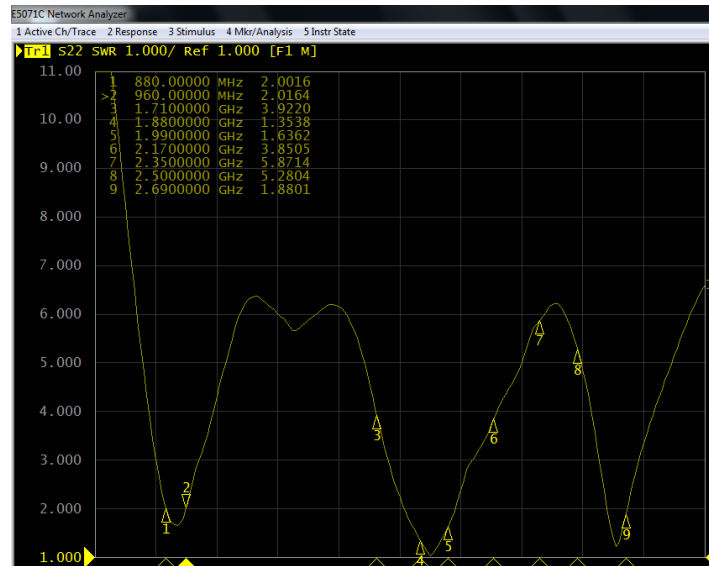


Theta=90

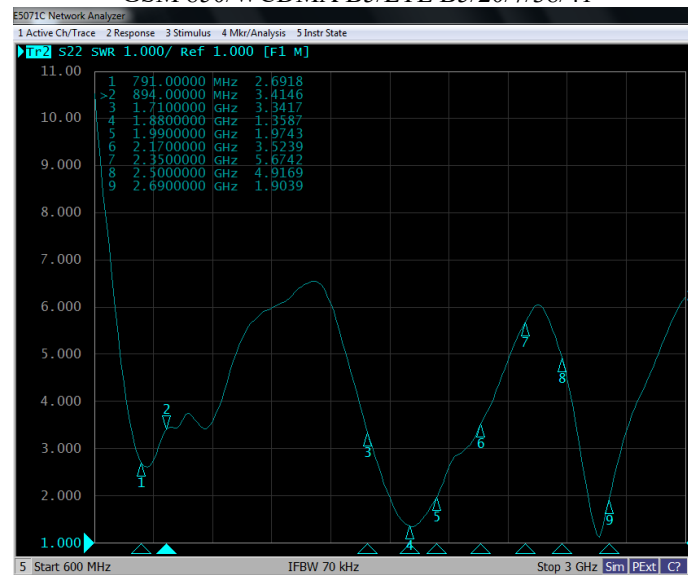


※S11:

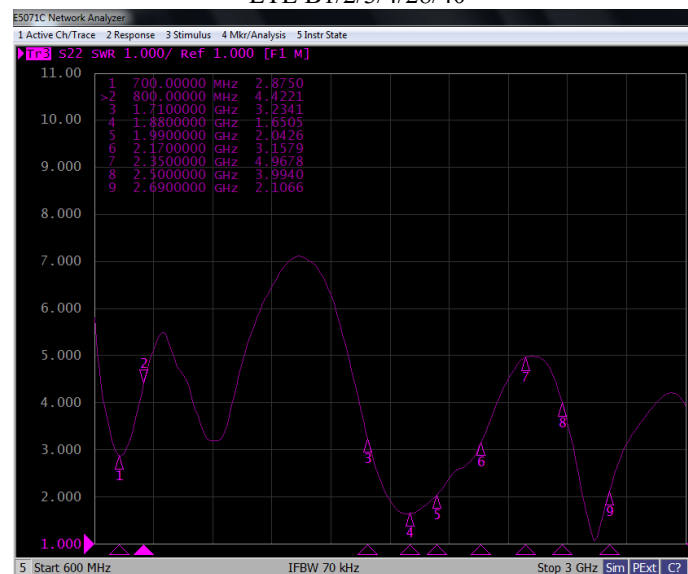
Main Antenna GSM900/WCDMA B8/LTE B8



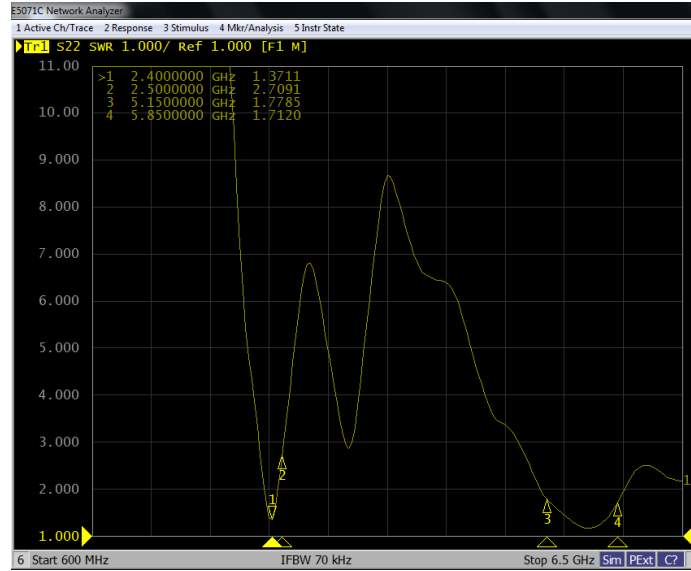
GSM 850/WCDMA B5/LTE B5/20/7/38/41



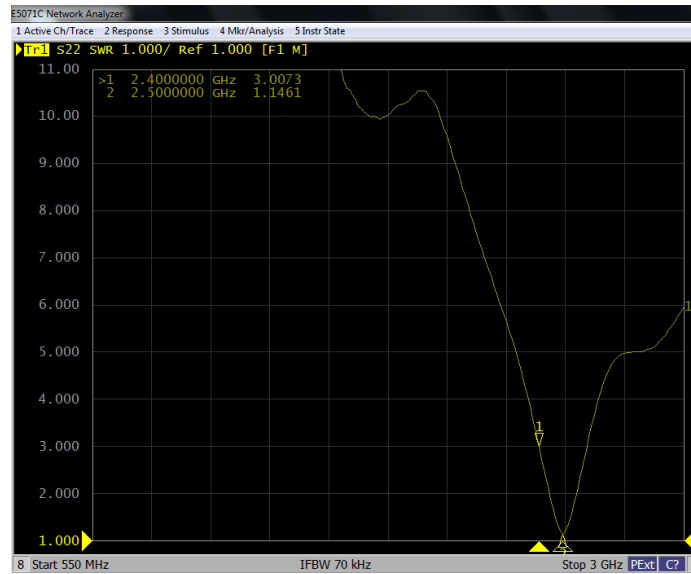
LTE B1/2/3/4/28/40



WIFI 2.4G/5G Antenna

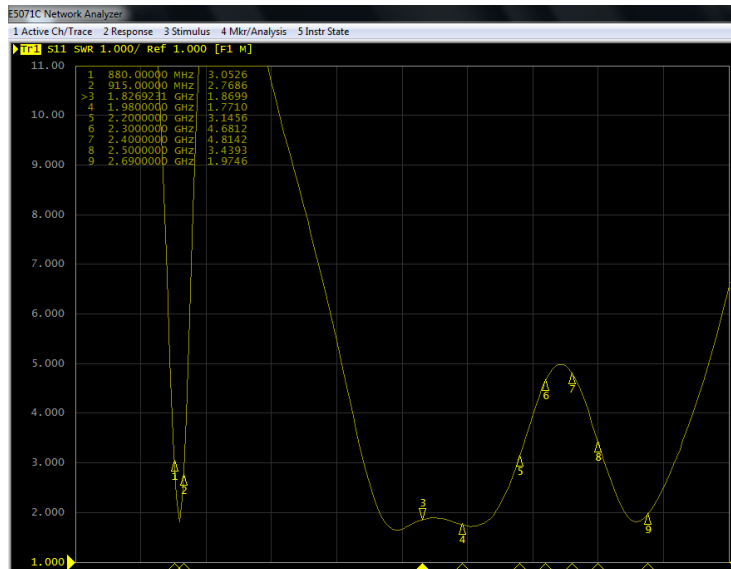


2.4G WIFI Antenna

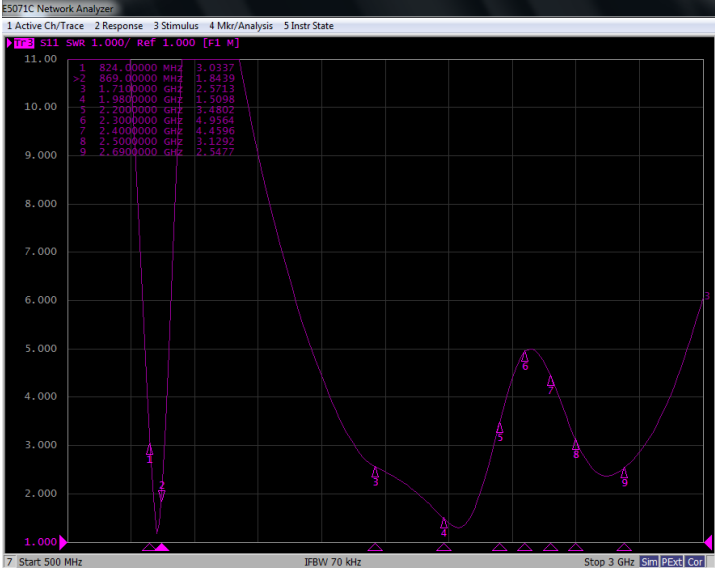


DIV Antenna

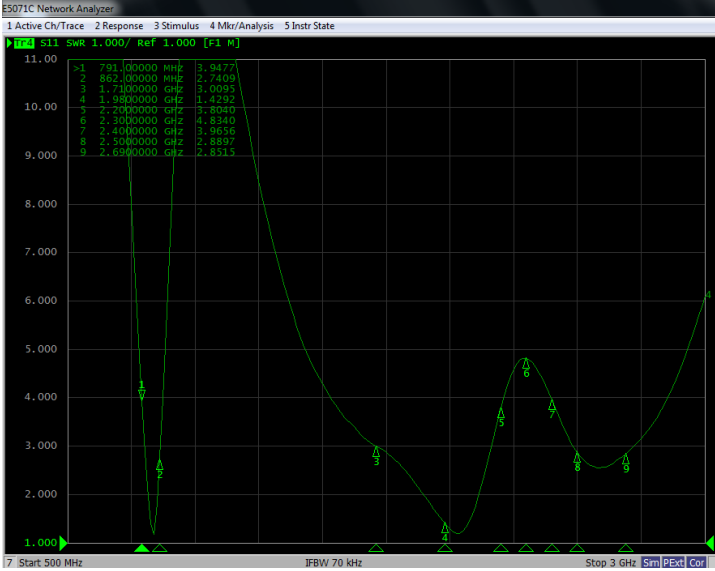
GSM900/WCDMA B1/2/4/8/LTE B1/2/3/4/8



GSM850/WCDMA B5/LTE B5/41



LTE B20/40



LTE B28

