

Feature

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

Application

※GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8

LTE B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B25/B26/B28/B38/B40/B41/B66

Name and address of the antenna manufacturer	Model number of the antenna
Zhejiang Haitong Communication Electronic Ltd. Co., Chongqing Branch Add: Room 304, Building 27, Fire Chain Digital Innovation Base, Xiantao Data Valley, Yubei District, Chongqing	X6881-ANT0-HT-XX-XX X6881-ANT1-HT-XX-XX X6881-ANT2-HT-XX-XX X6881-ANT12-HT-XX-XX X6881-ANT13-HT-XX-XX X6881-ANT14-HT-XX-XX (XX:Version-Date)

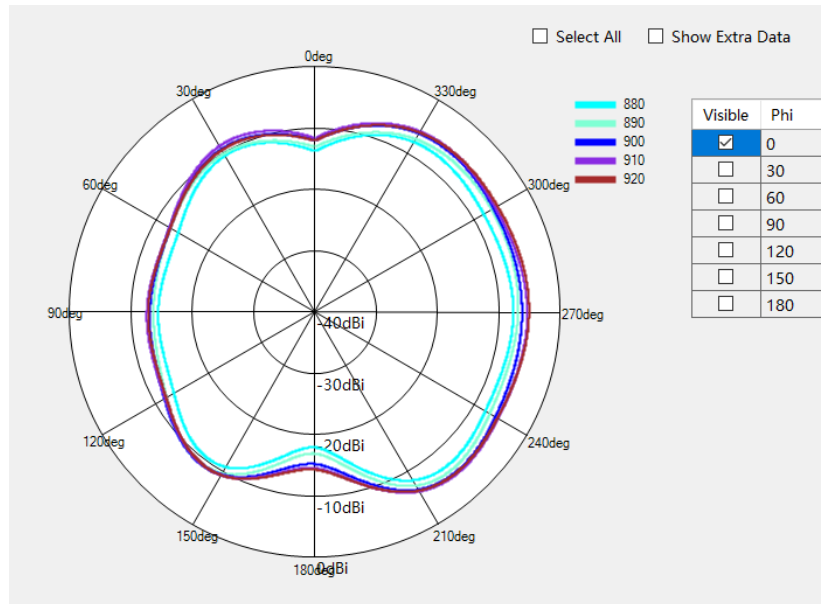
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5/B26: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 – 915 MHz

		DCS /WCDMA B4/LTE B3/B4/B66: 1710 - 1785 MHz		
		PCS/WCDMA B2/LTE B2/B25:1850-1910MHz		
		WCDMA B1/LTE B1: 1920 - 1980MHz		
		LTE B7:2496-2565MHz		
		LTE B40:2300-2400MHz		
		LTE B38/B41:2565-2645MHz		
		LTE B12/B17/B28:710-755MHz		
		LTE B13:782MHz		
Receiver Frequency		GSM 850/WCDMA B5/LTE B5/B26: 869 - 894 MHz		
		GSM 900/WCDMA B8/LTE B8: 925 - 960 MHz		
		DCS/LTE B3/B66: 1805 - 1880 MHz		
		WCDMA 4/LTE B4: 2110-2155 MHz		
		PCS/WCDMA B2/LTE B2/B25:1930-1990MHz		
		WCDMA B1/LTE B1: 2110 - 2170MHz		
		LTE B7:2620-2690MHz		
		LTE B40:2300-2400MHz		
		LTE B38/41:2565-2645MHz		
		LTE B12/B17/B28:758-803MHz		
LTE B13:751MHz				
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm		
		DCS/PCS: 30+/-2dBm		
		LTE B1/B2/B3/ B4/B5 /B7/B8/B12/B13/B17/B25/B26/B28/B38/B40/B41/B66: 23+/-2dBm		
		WCDMA B1/B2/B4/B5/B8: 23+/-2dBm		
Antenna Gain		ANT2		GSM 850/WCDMA B5/LTE B5/B26: -6.34
				GSM 900/WCDMA B8/LTE B8: -4.08
				DCS /WCDMA B4/LTE B3/B4/B66:-4.45
				PCS/WCDMA B2/LTE B2/B25:-3.12
				WCDMA B1/LTE B1: -2.77
				LTE B7/B38/B41:-3.47
				LTE B40:-1.43
				LTE B13:-9.02
		LTE B12/B17/B28:-7.92		
		ANT0		GSM 850/WCDMA B5/LTE B5/B26: -6.69
				GSM 900/WCDMA B8/LTE B8:-4.92
				DCS/LTE B3/:-4.09
				PCS/WCDMA B2/LTE B2/B25:-1.84

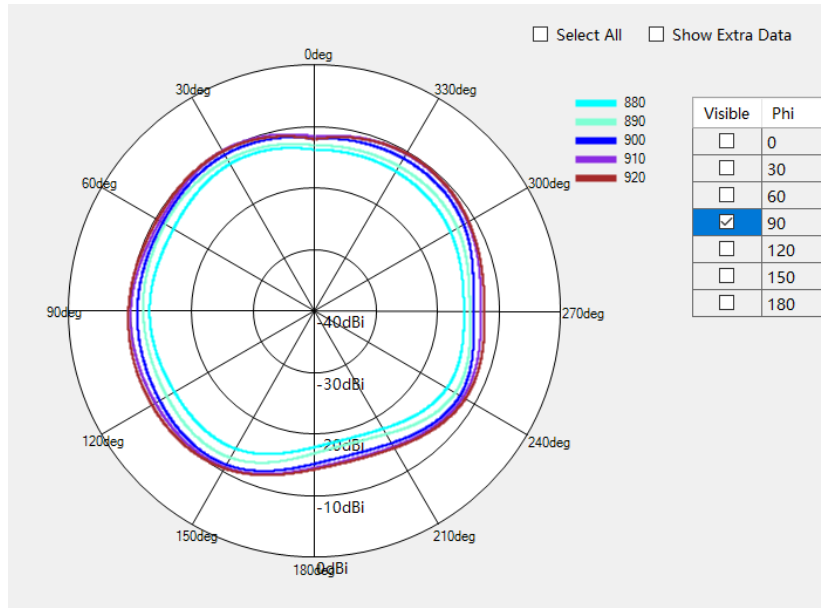
		WCDMA B1/B4/LTE B1/B4/B66:-0.85
		LTE B7/B38/B41: -1.02
		LTE B40: -0.8
		LTE B13:-7.08
		LTE B12/B17/B28:-7.05
	ANT1	B1:-13.61
		B2:-14.62
		B3:-12.84
		B7:-12.43
		B40:-14.33
	ANT13	BT/WIFI 2.4G:-1.89 5G: -2.73
ANT14	BT/WIFI 2.4G:-3.14 5G:1.92	
ANT12	GPS(L1):-2.46	
Type of Modulation		

※ Antenna Gain

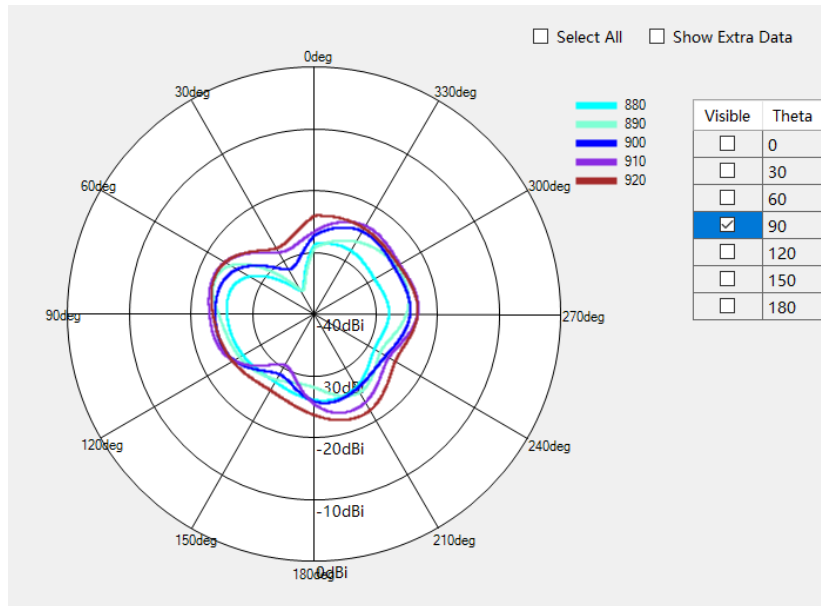
ANT2



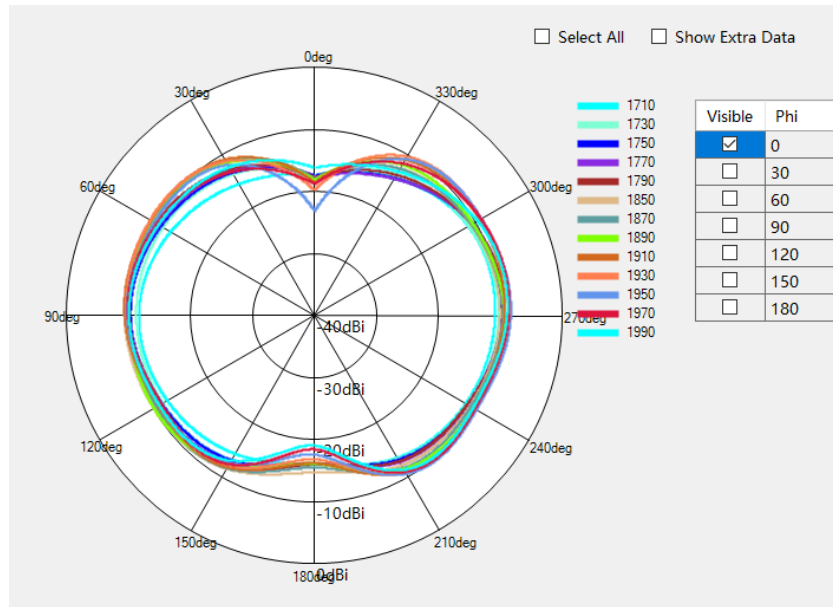
GSM900 / WCDMA B8 / LTE /B8 Phi=0deg



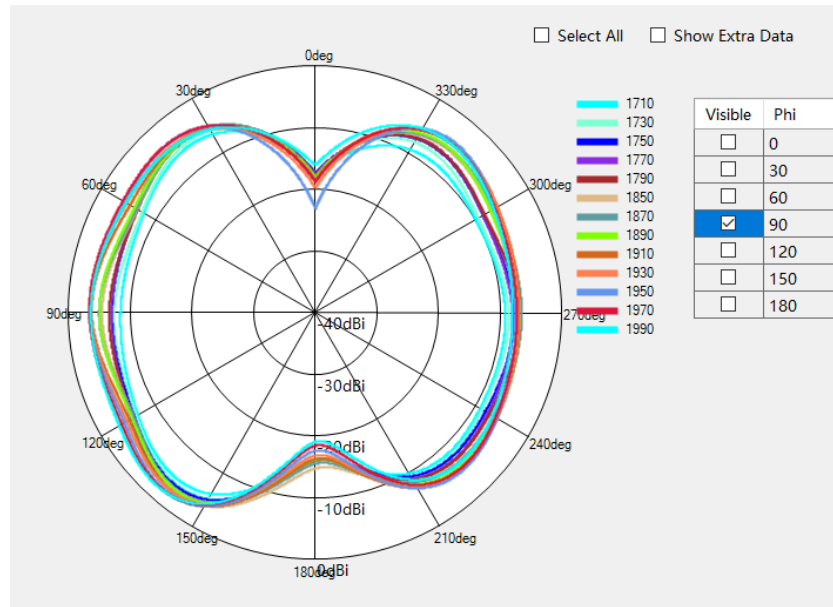
GSM900 / WCDMA B8 / LTE / B8 Phi=90deg



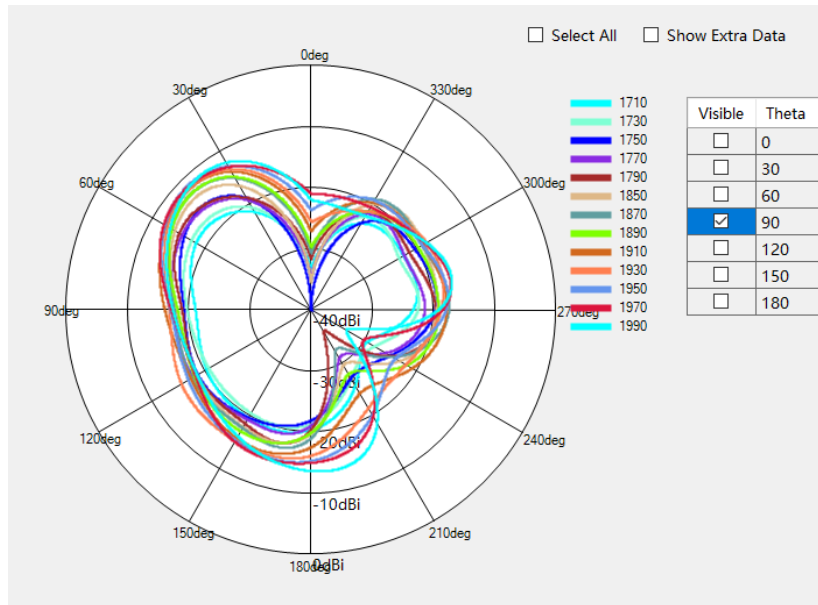
GSM900 / WCDMA B8 / LTE / B8 Theta=90deg



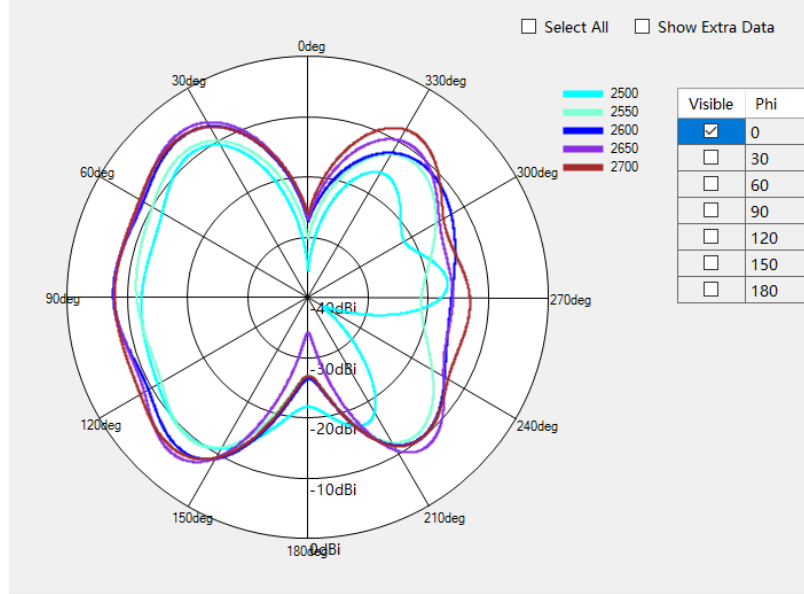
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B25/B66 Phi=0deg



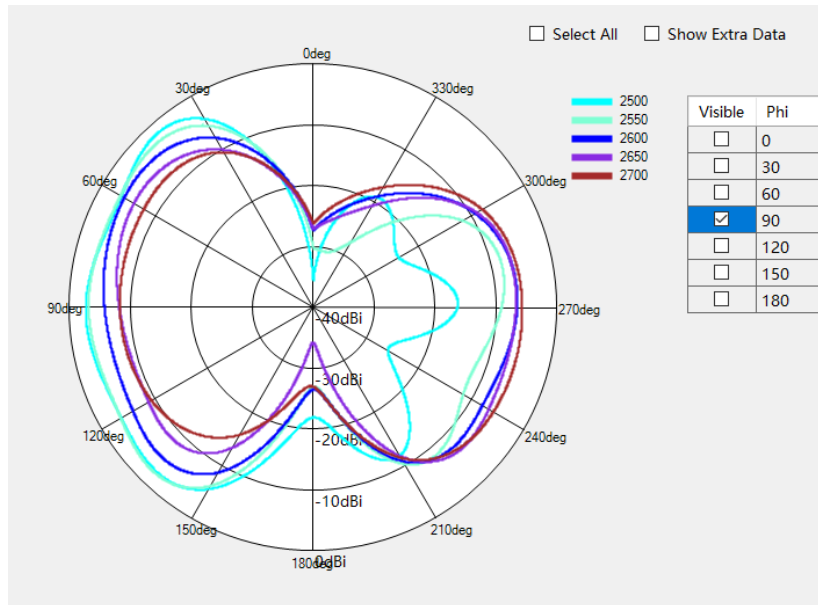
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B25/B66 Phi=90deg



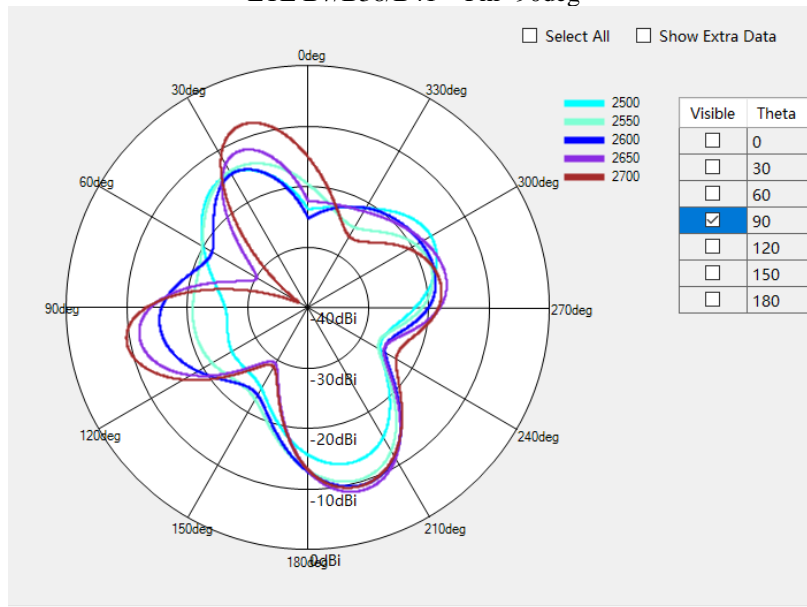
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B25/B66 Theta=90deg



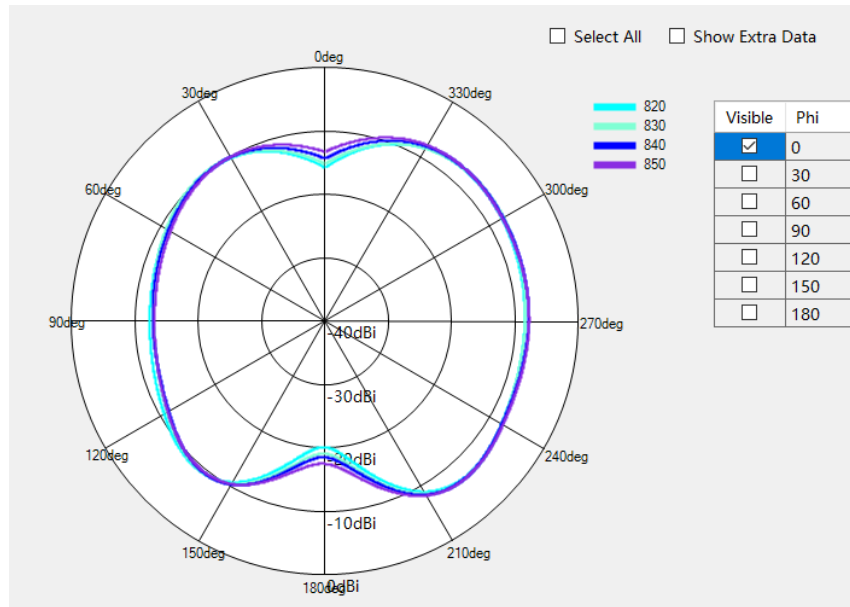
LTE B7/B38/B41 Phi=0deg



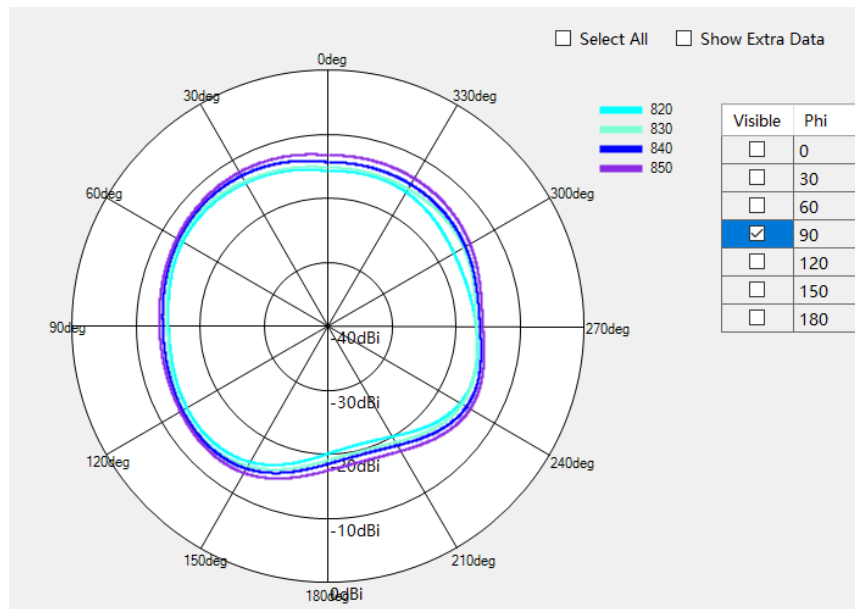
LTE B7/B38/B41 Phi=90deg



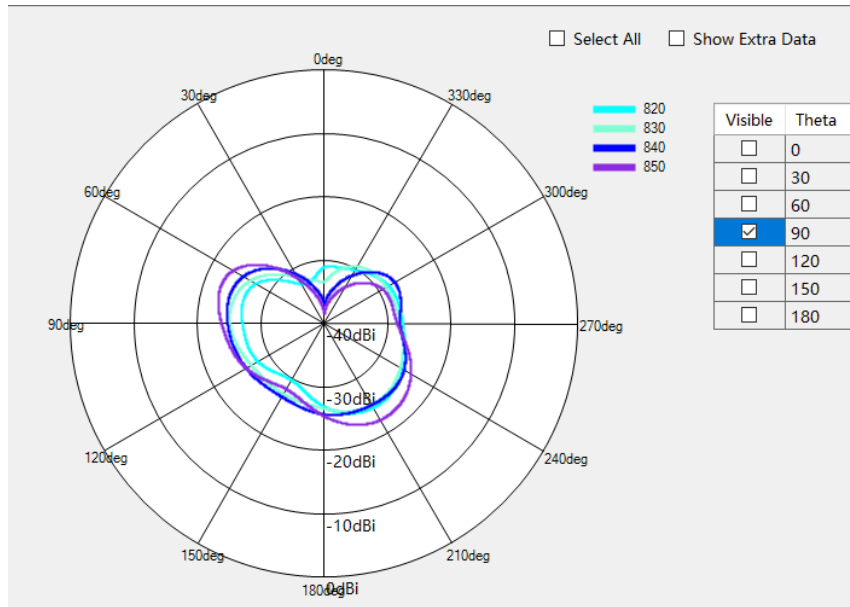
LTE B7/B38/B41 Theta=90deg



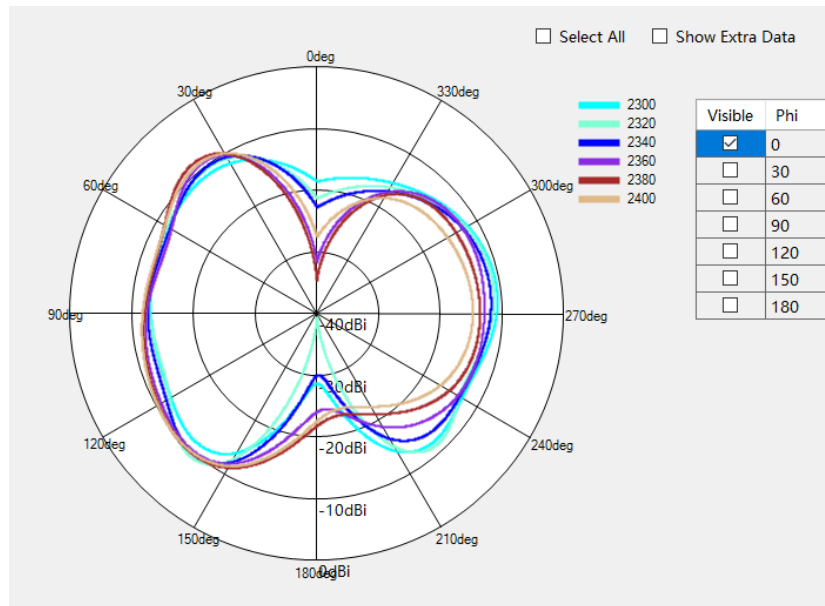
GSM850/WCDMA B5/LTE B5/B26 Phi=0deg



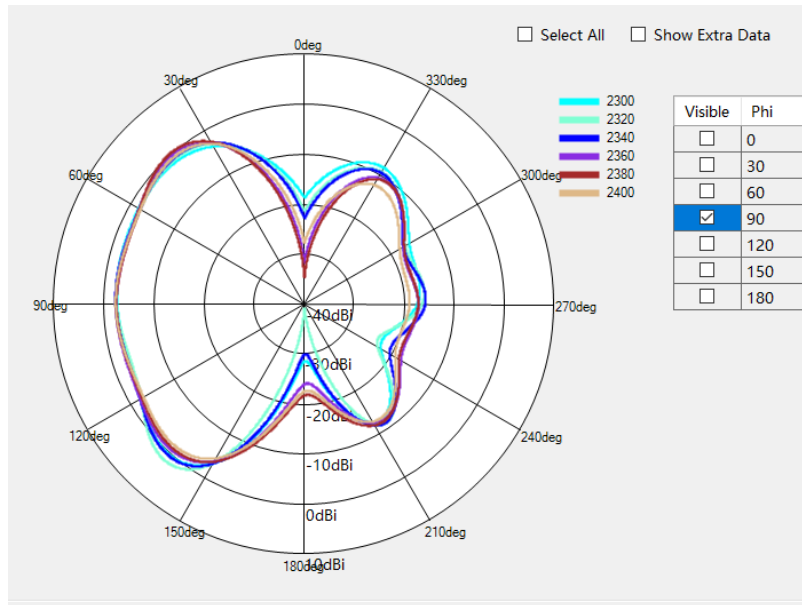
GSM850/WCDMA B5/LTE B5/B26 Phi=90deg



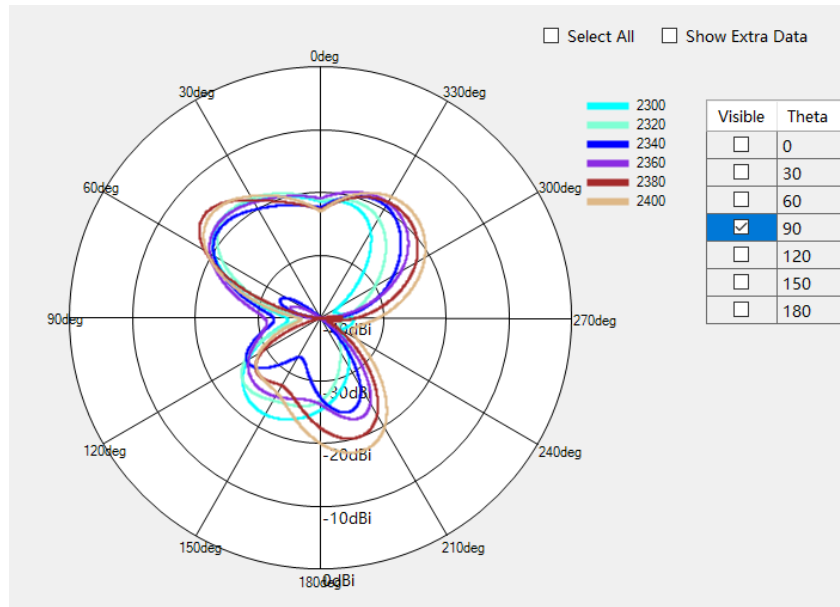
GSM850/WCDMA B5/LTE B5/B26 Theta=90deg



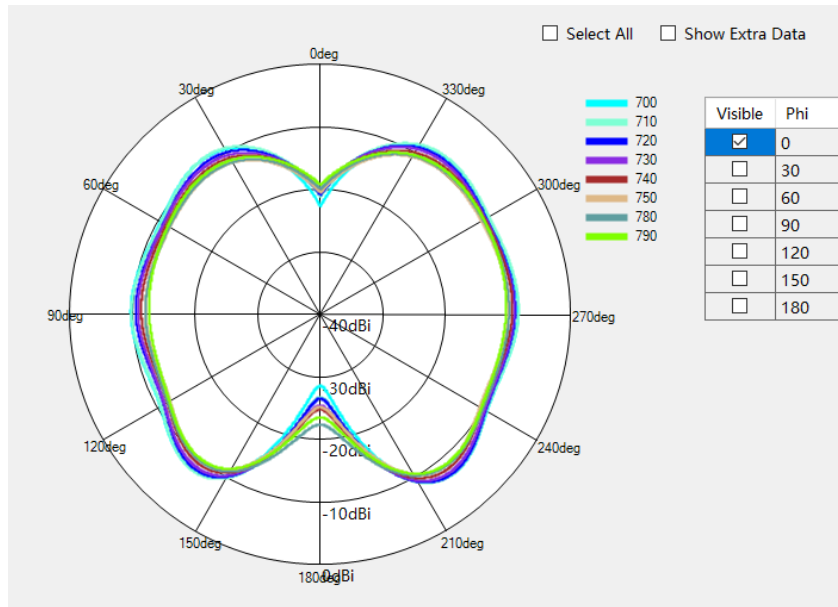
LTE B40 Phi=0deg



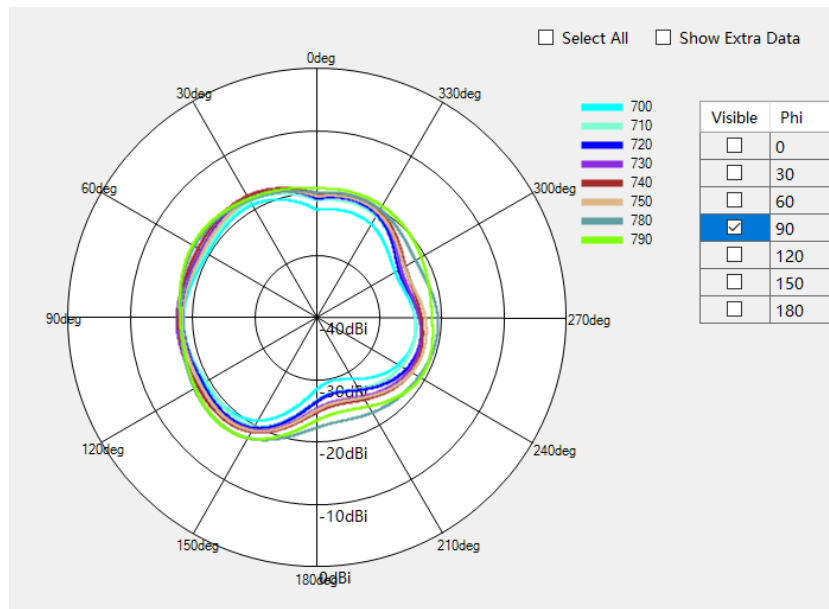
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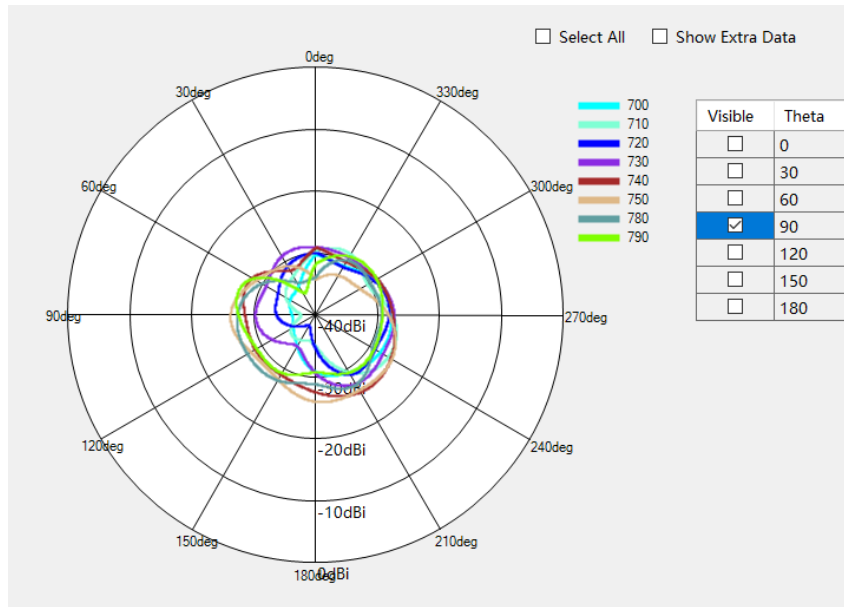
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LTE B12/B13/B17/B28 Phi=0deg



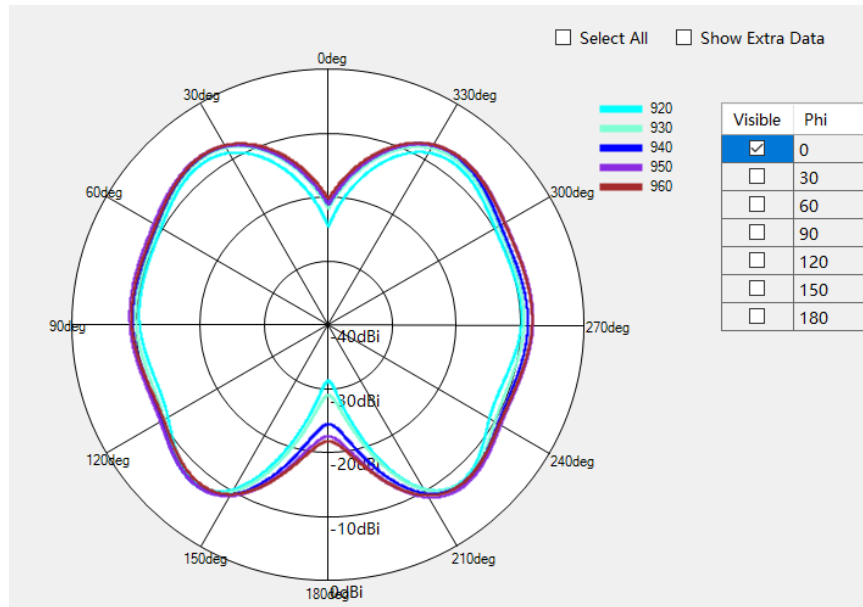
LTE B12/B13/B17/B28 Phi=90deg



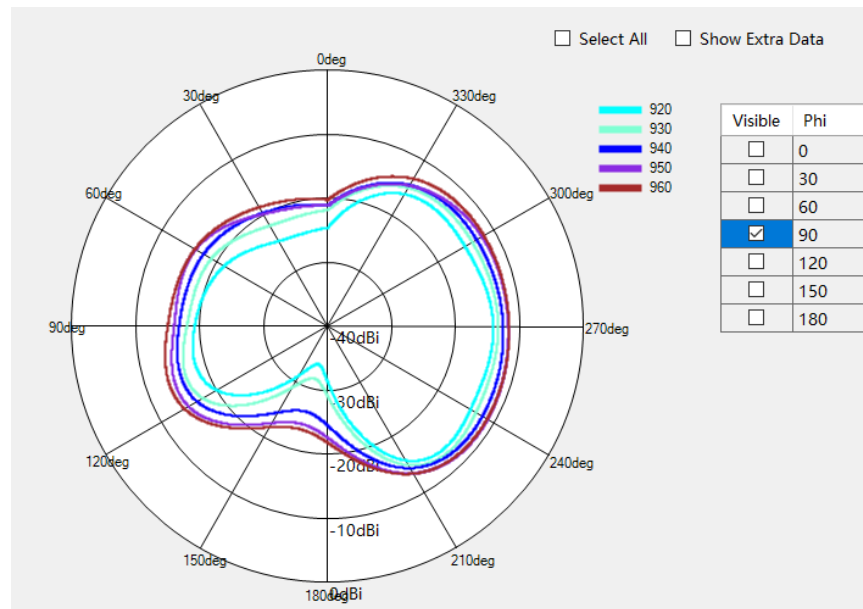
LTE B12/B13/B17/B28 Theta=90deg

※ Antenna Gain

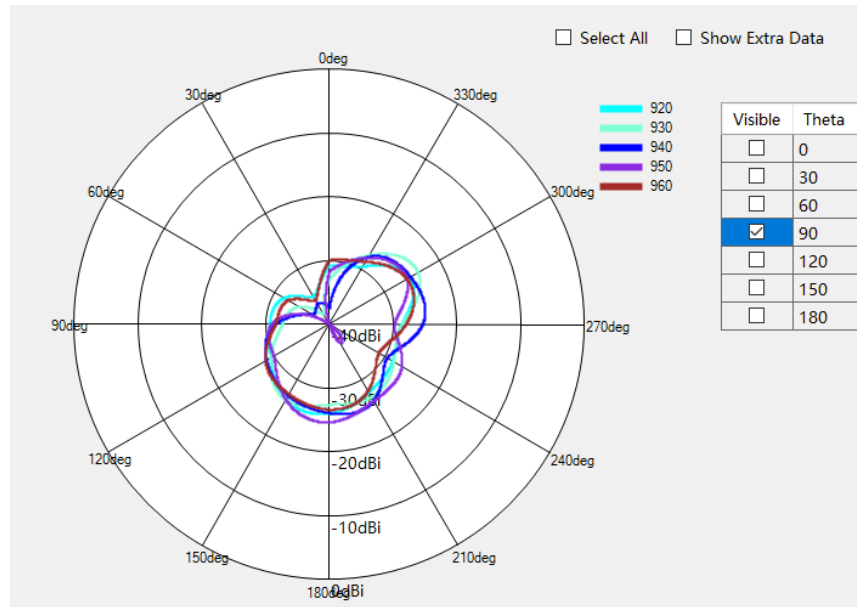
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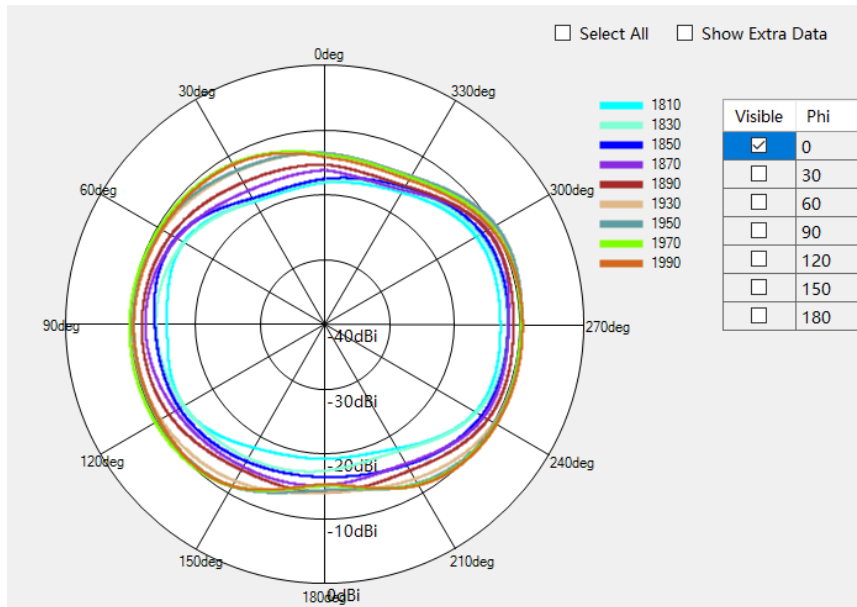
GSM900/WCDMA B8/LTE B8 Phi=0deg



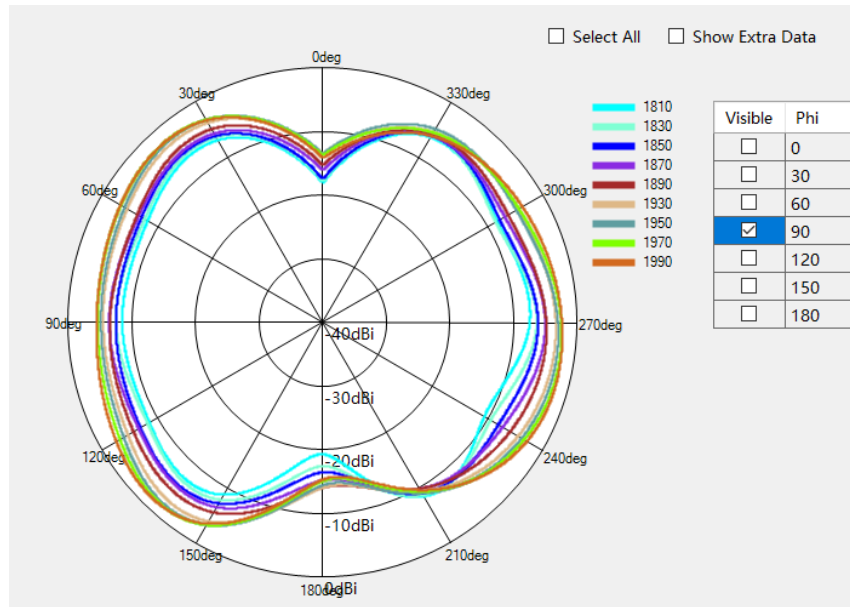
GSM900/WCDMA B8/LTE B8 Phi=90deg



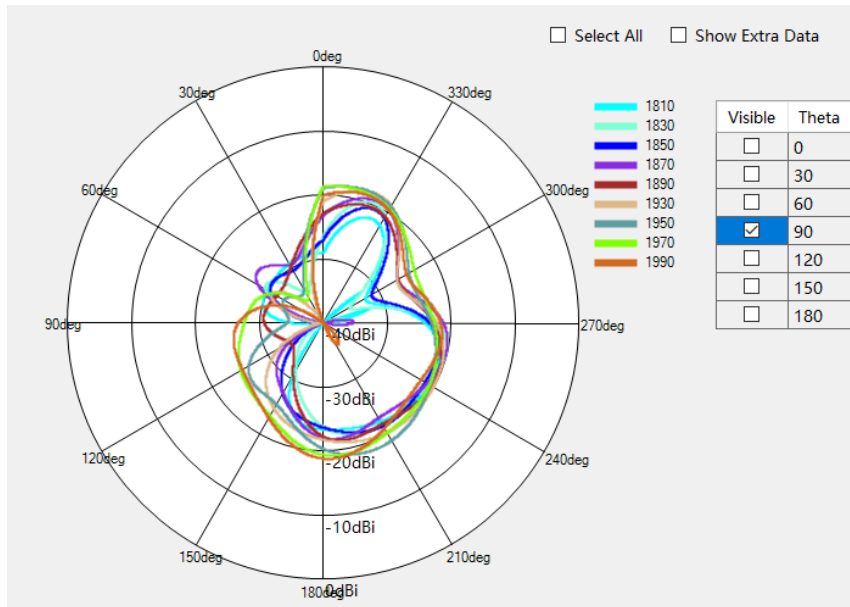
GSM900/WCDMA B8/LTE B8 Theta=90deg



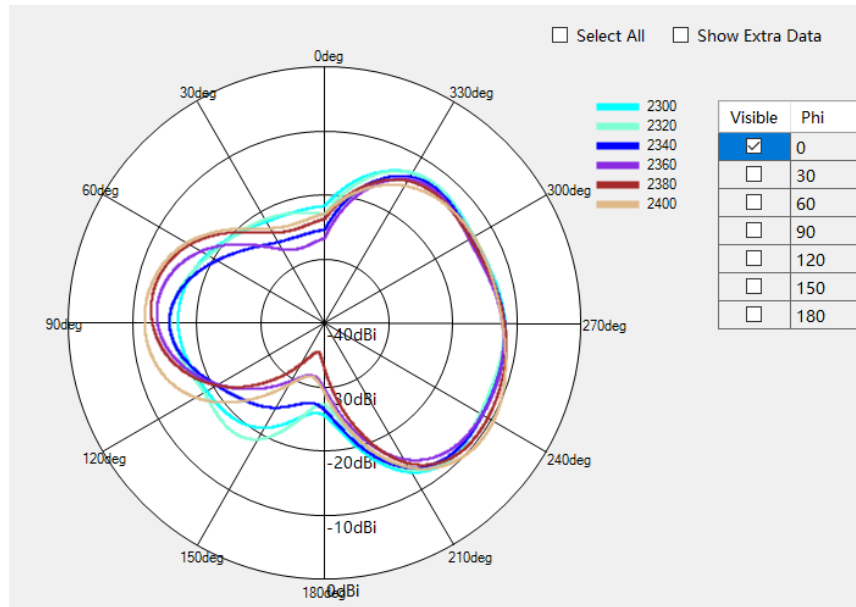
DCS/PCS / WCDMA B2 / LTE B2/B3/B25 Phi=0deg



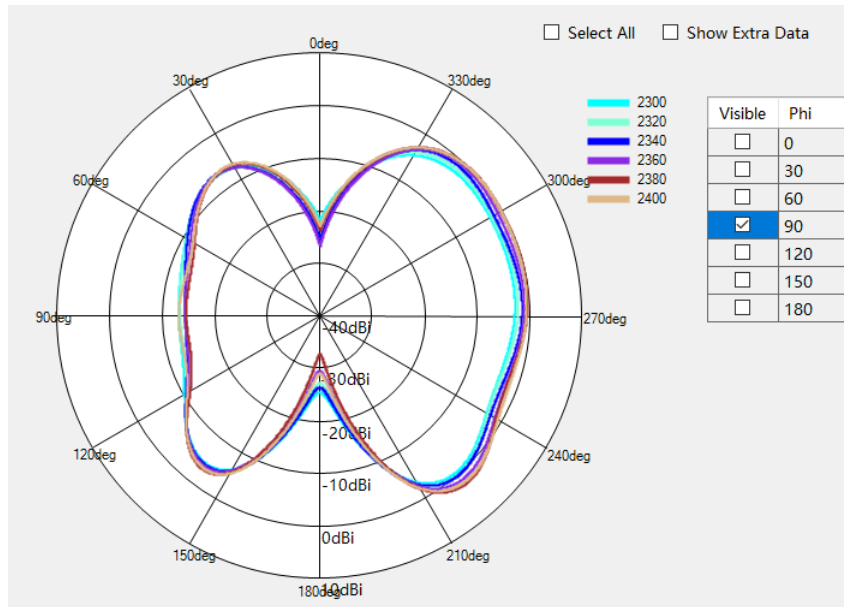
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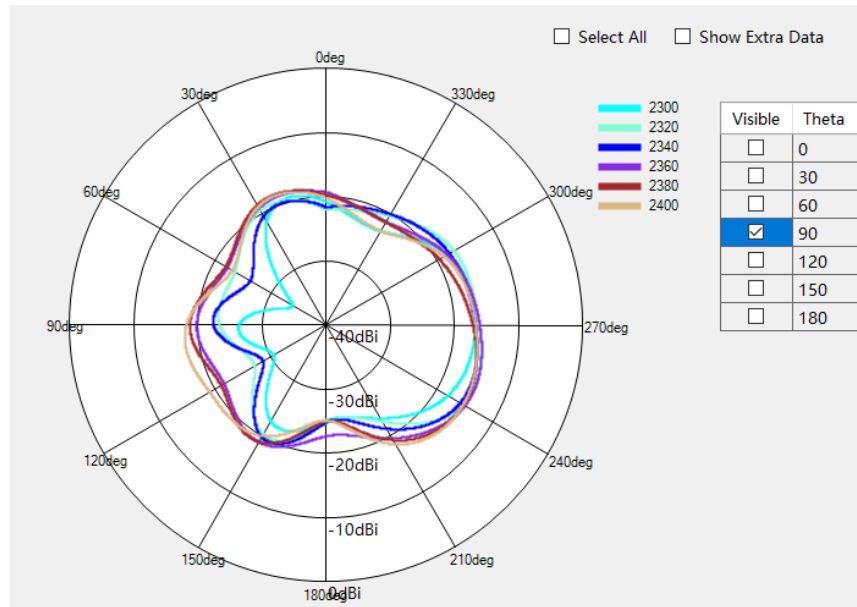
DCS/PCS / WCDMA B2 / LTE B2/B3/B25 Theta=90deg



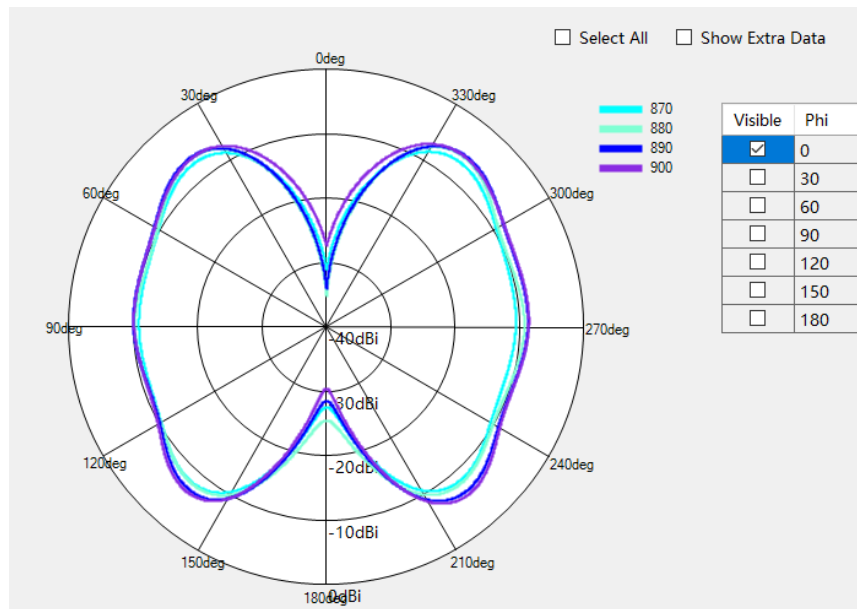
LTE B40 Phi=0deg



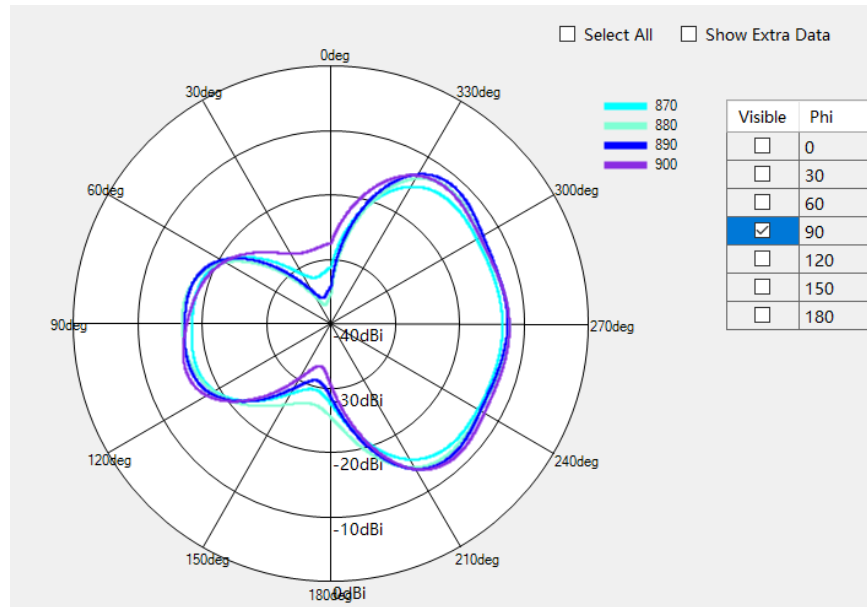
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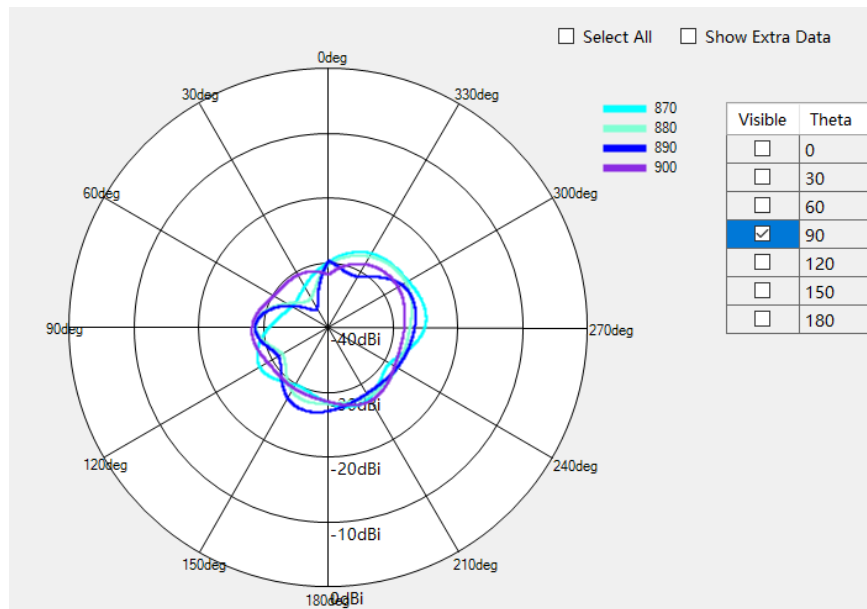
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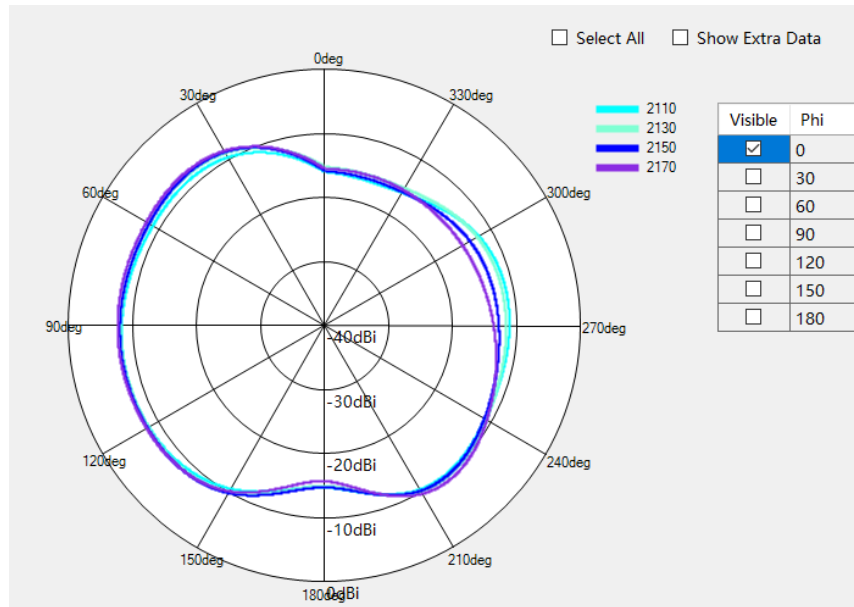
GSM850/WCDMA B5/LTE B5/B26 Phi=0deg



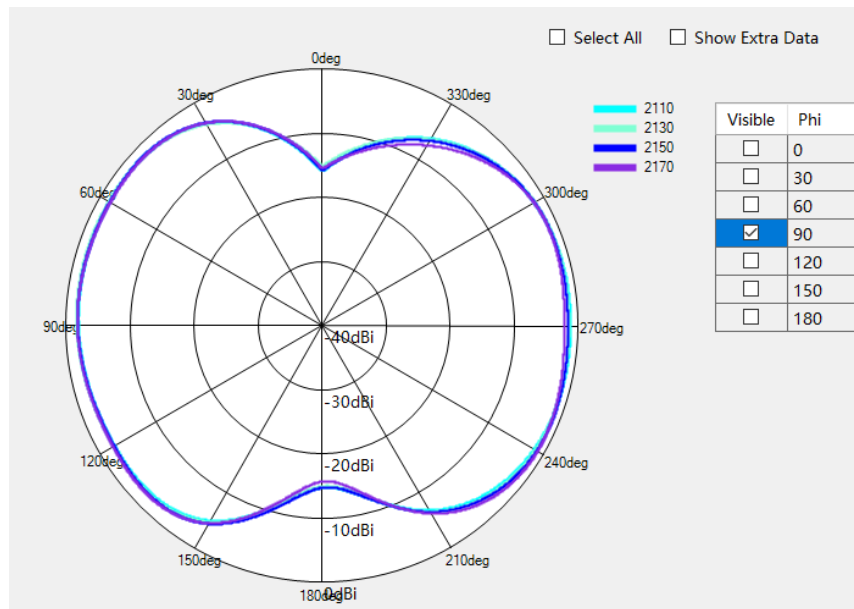
GSM850/WCDMA B5/LTE B5/B26 Phi=90deg



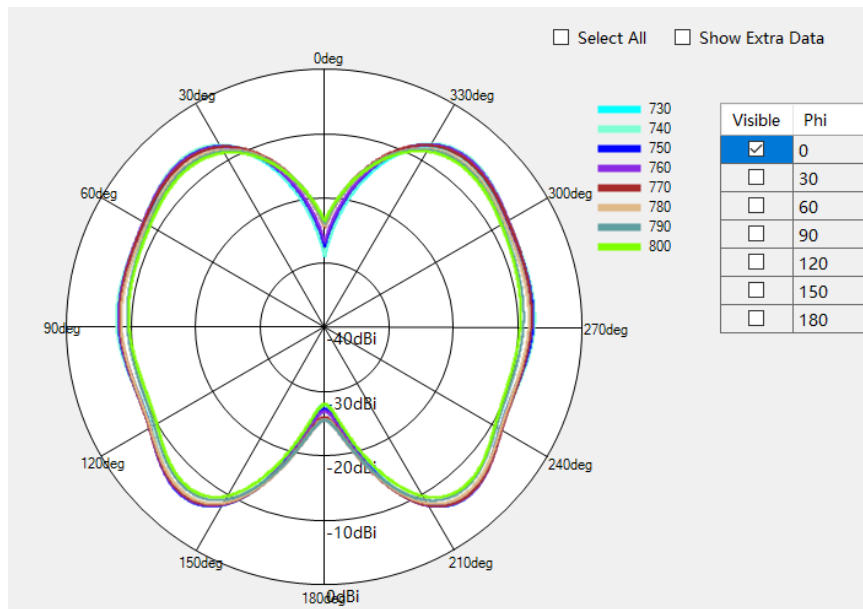
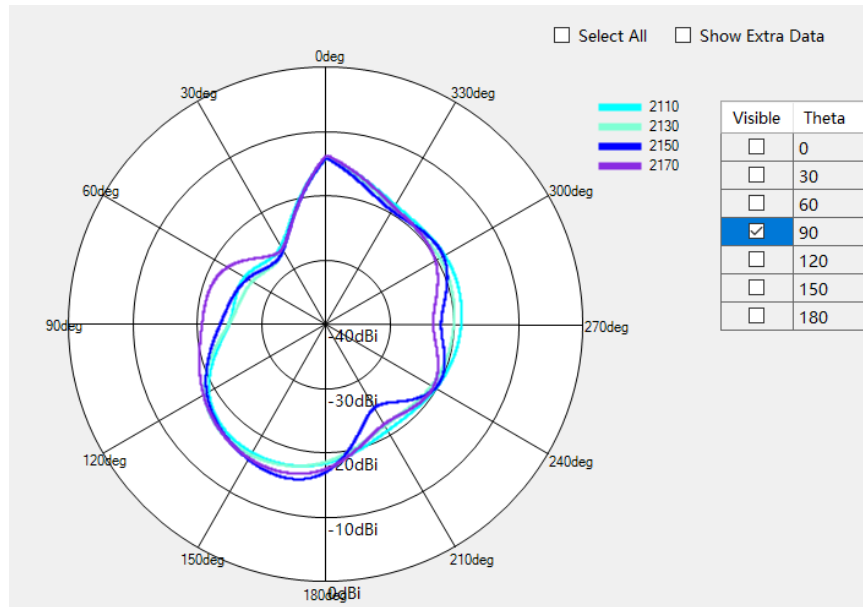
GSM850/WCDMA B5/LTE B5/B26 Theta=90deg

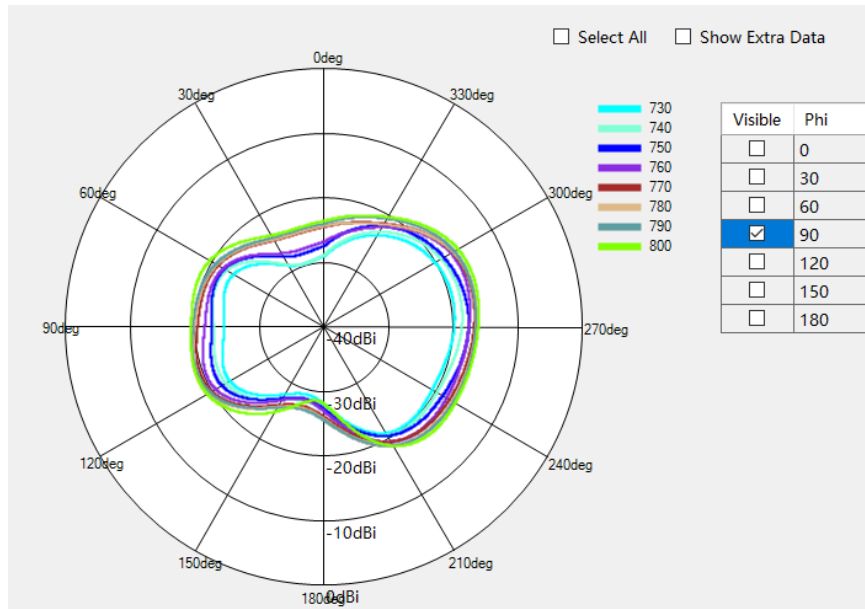


WCDMA B1/B4 / LTE B1/B4/B66 Phi=0deg

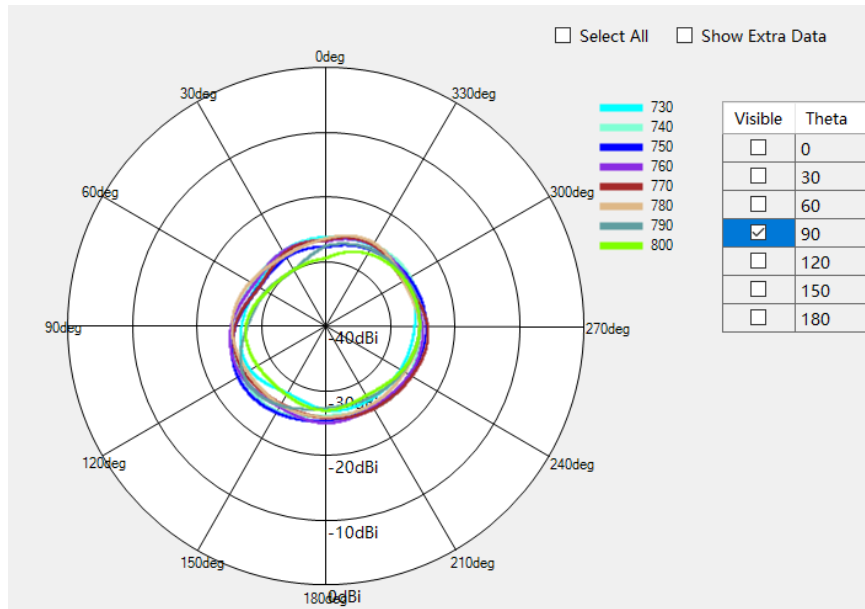


WCDMA B1/B4 / LTE B1/B4/B66 Phi=90deg

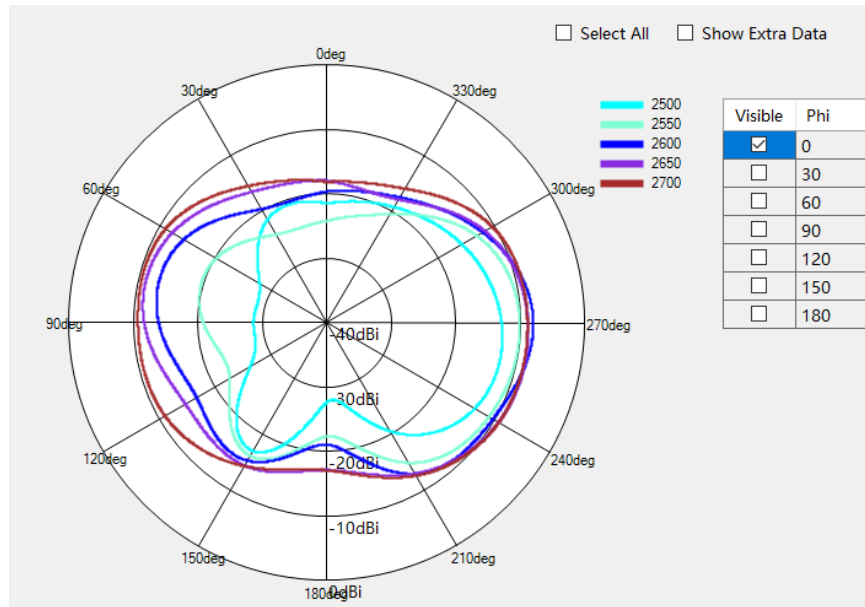




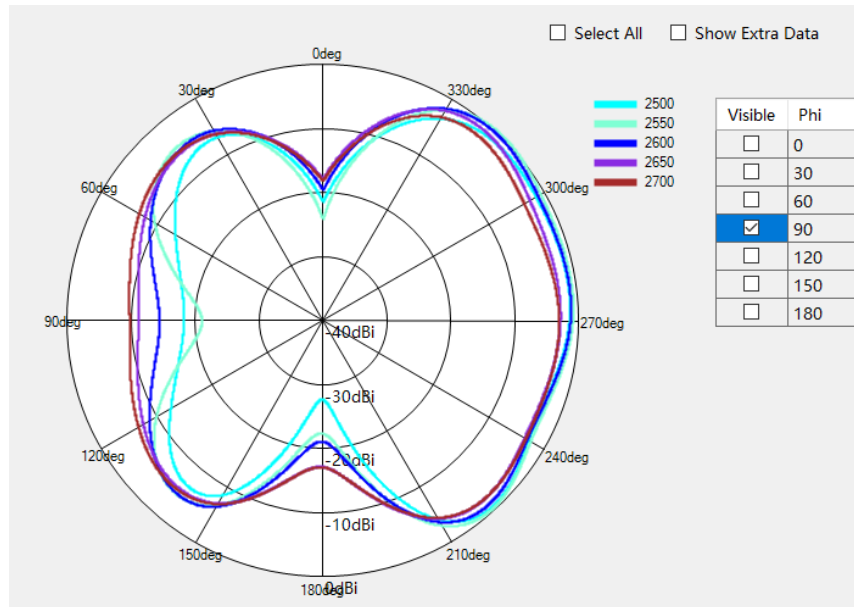
LTE B12/B13/B17/B28 Phi=90deg



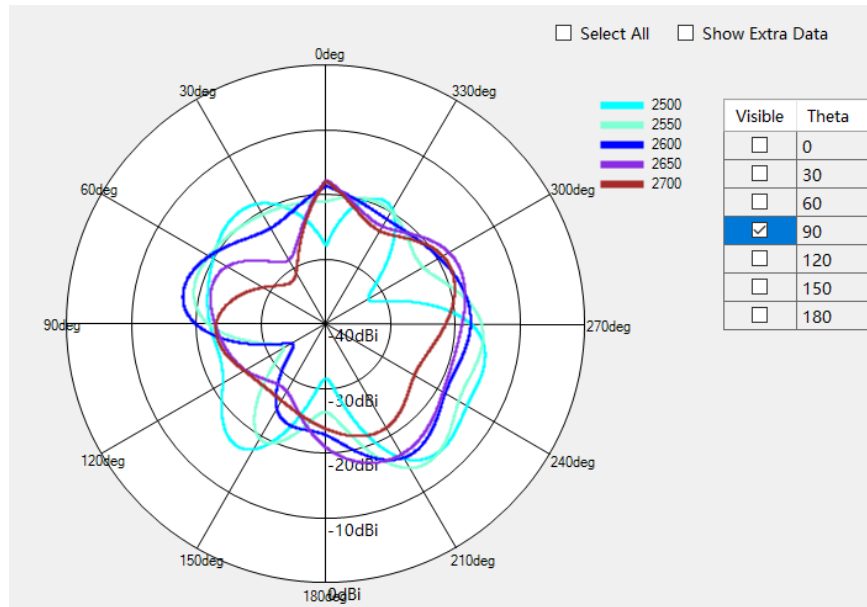
LTE B12/B13/B17/B28 Theta=90deg



LTE B7/B38/B41 Phi=0deg



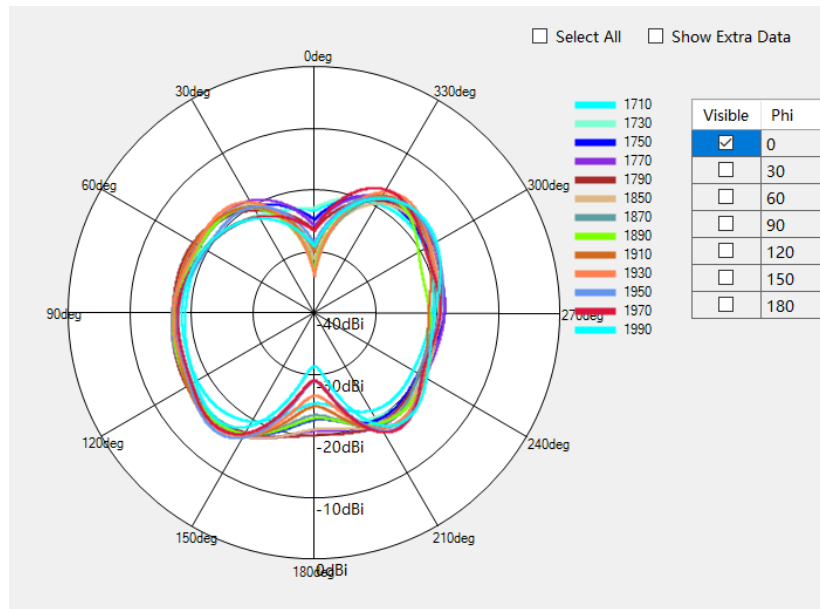
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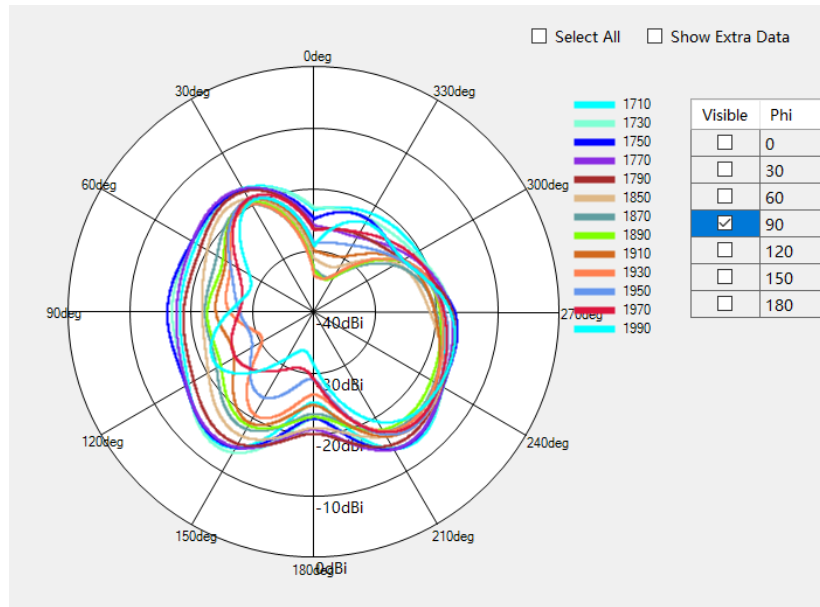
LTE B7/B38/B41 Theta=90deg

※ Antenna Gain

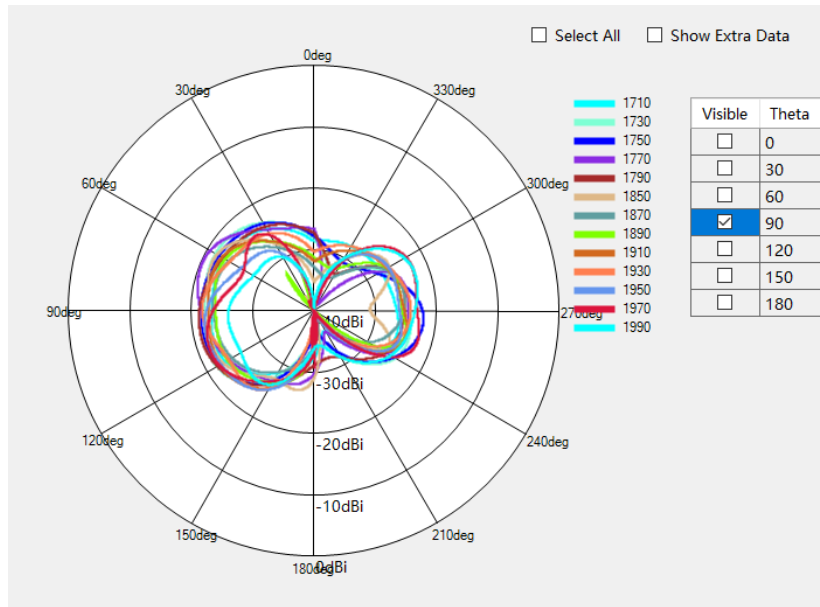
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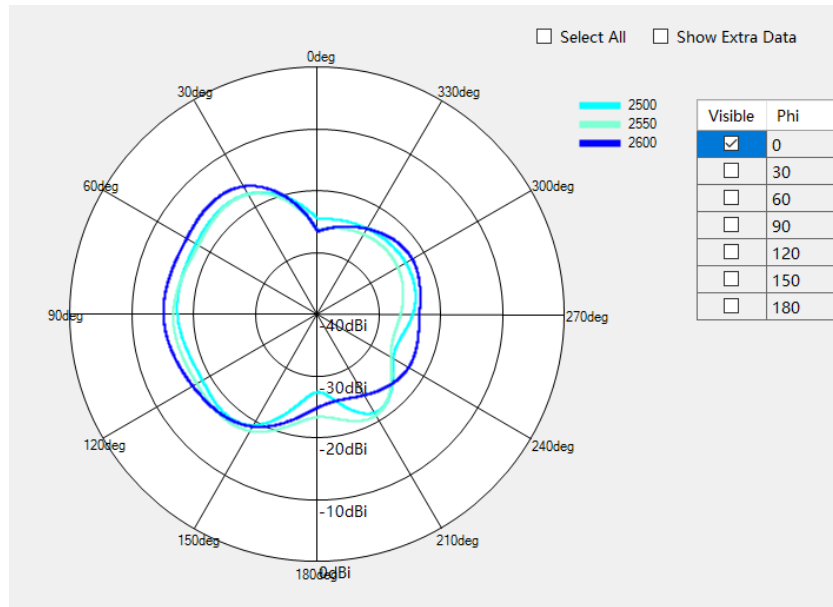
LTE B1/B2/B3 Phi=0deg



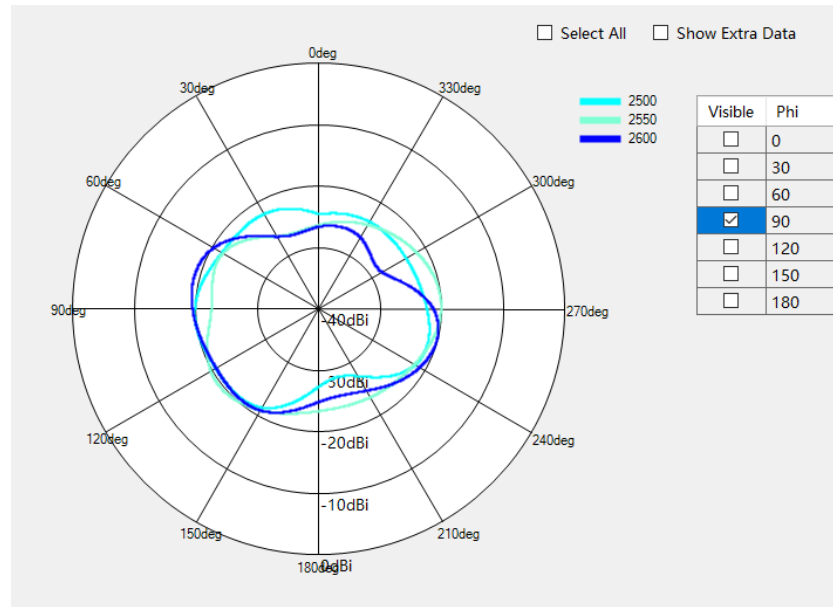
LTE B1/B2/B3 Phi=90deg



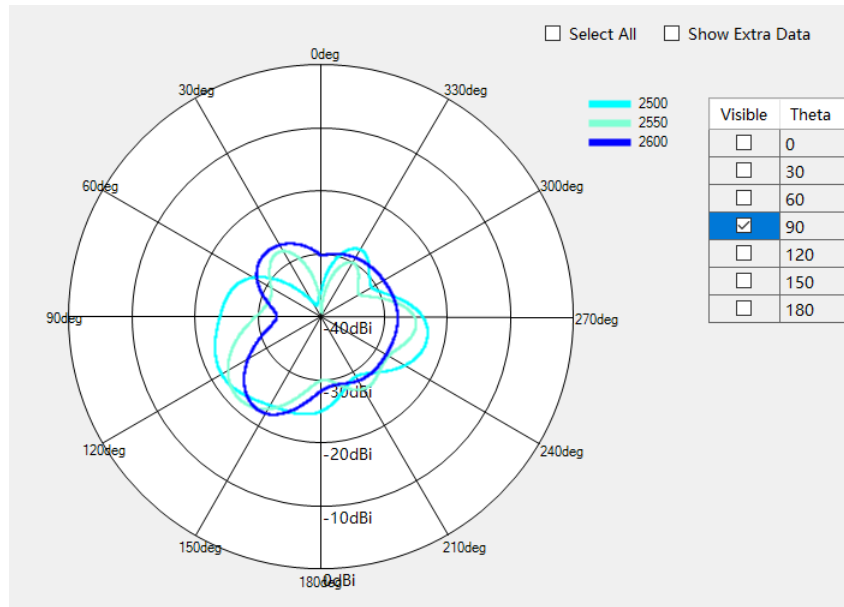
LTE B1/B2/B3 Theta=90deg



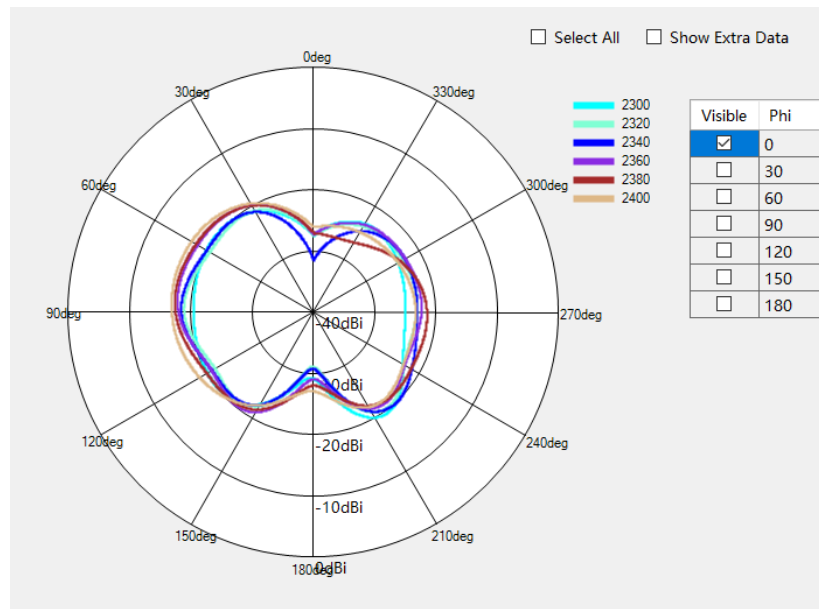
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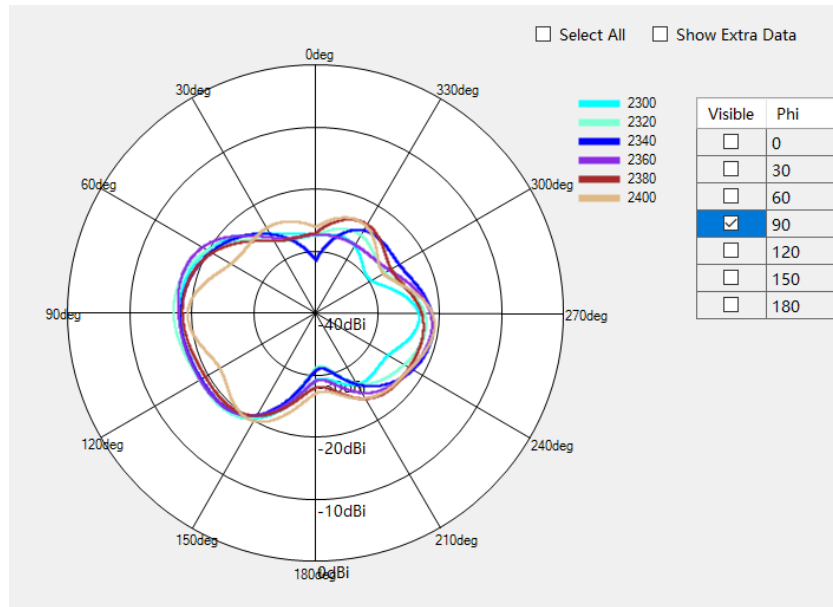
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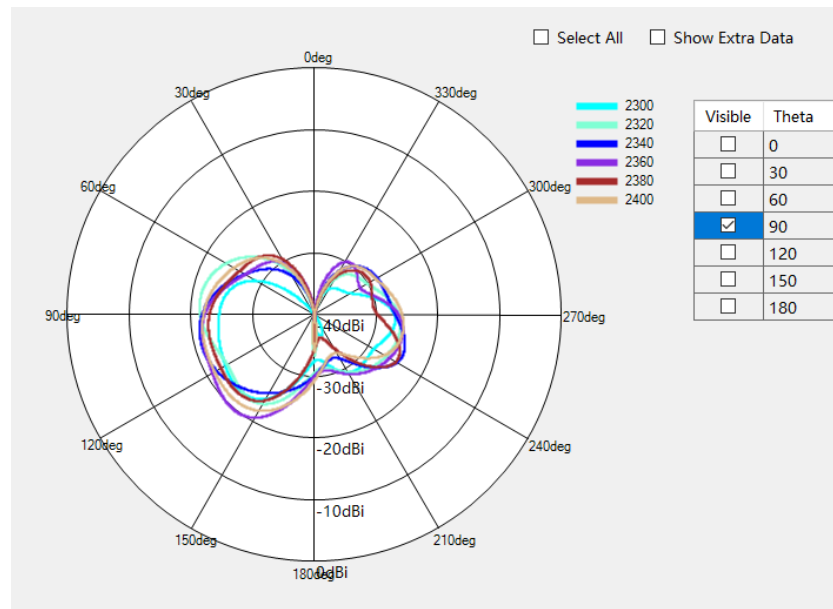
LTE B7 Theta=90deg



LTE B40 Phi=0deg



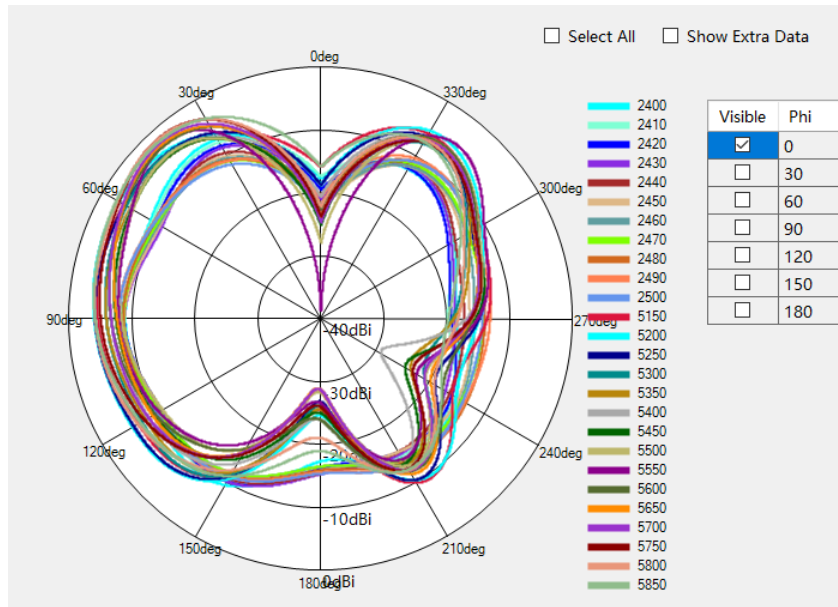
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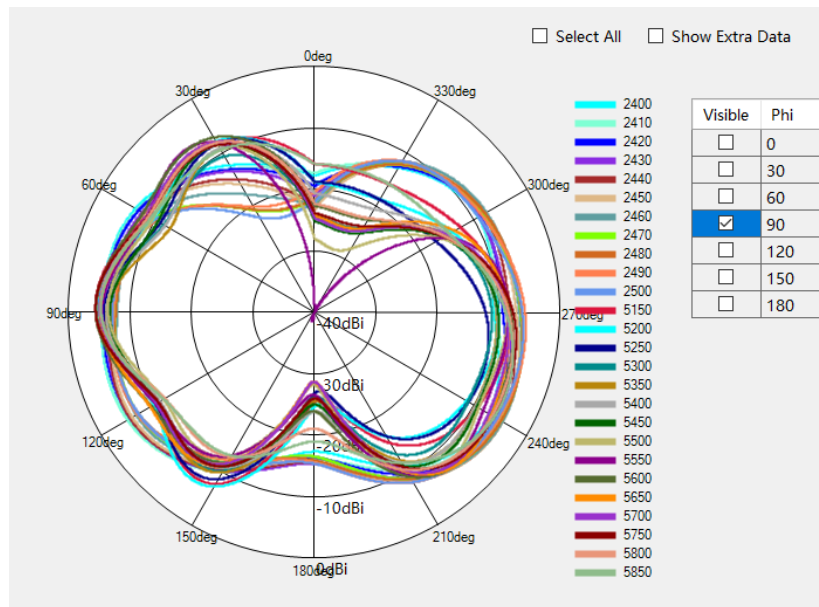
LTE B40 Theta=90deg

※ Antenna Gain

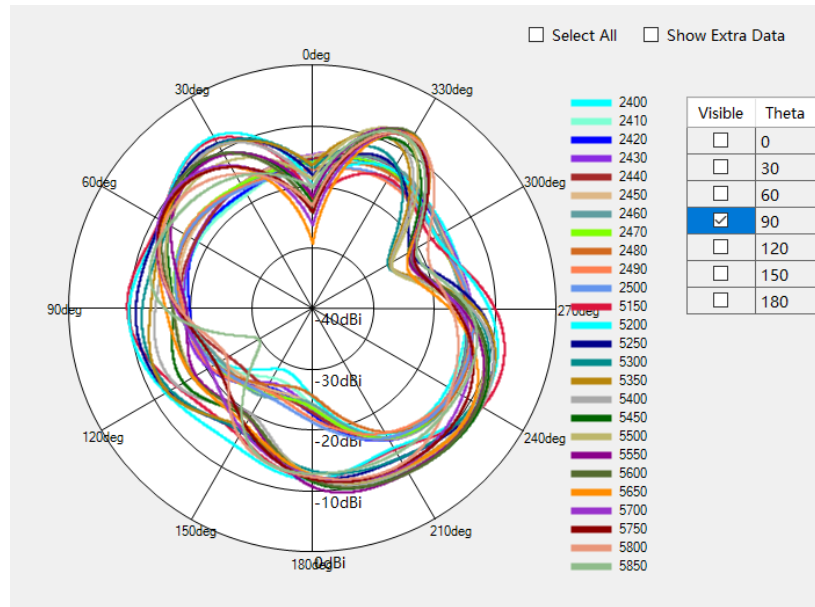
ANT13



WiFi 2.4G&5G Phi=0deg

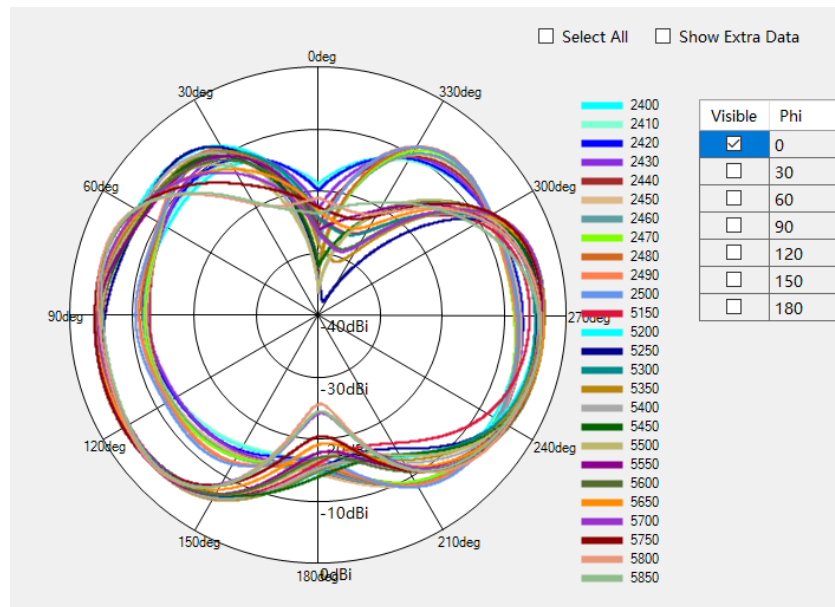


WiFi 2.4G&5G Phi=90deg

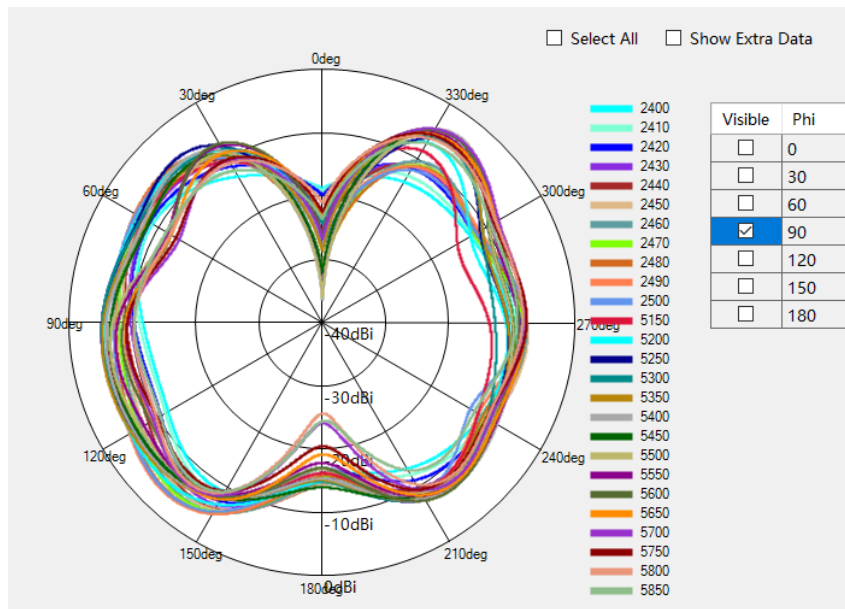


※ Antenna Gain

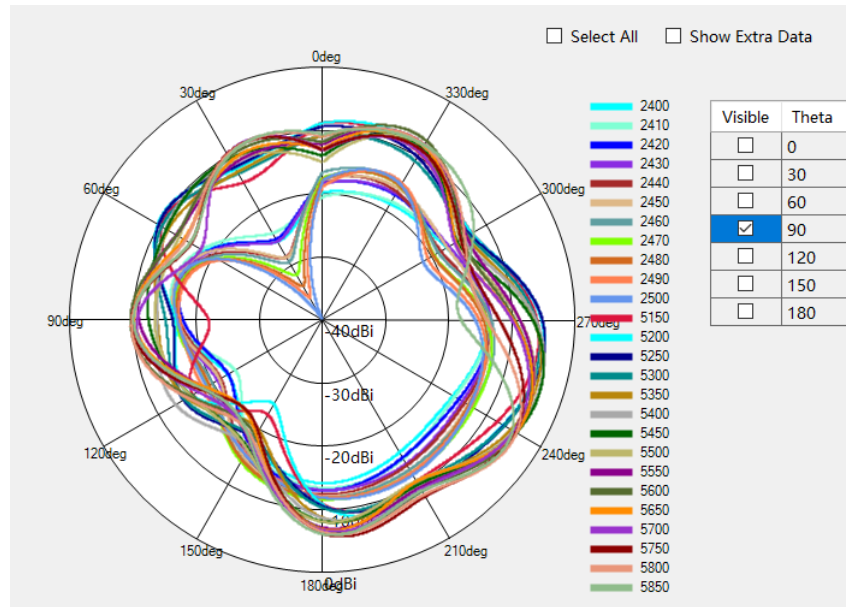
ANT14



WiFi 2.4G&5G Phi=0deg

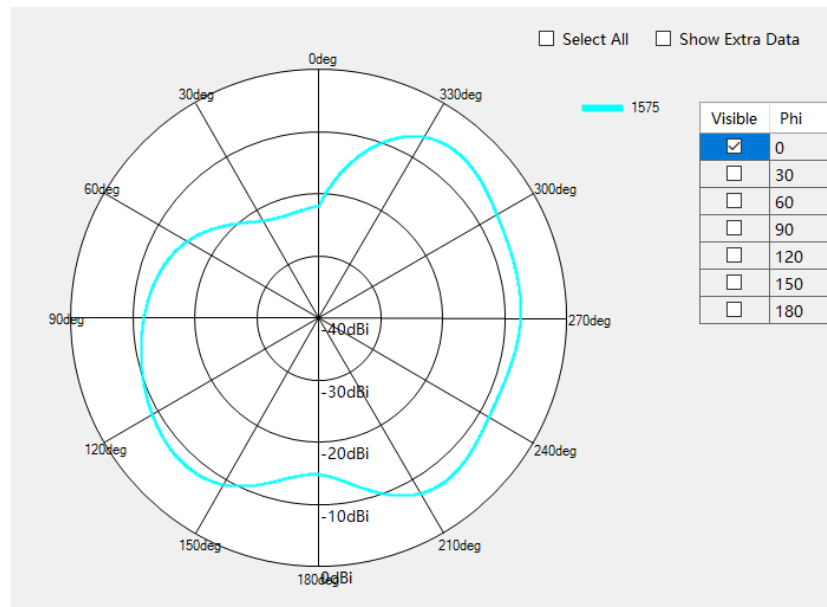


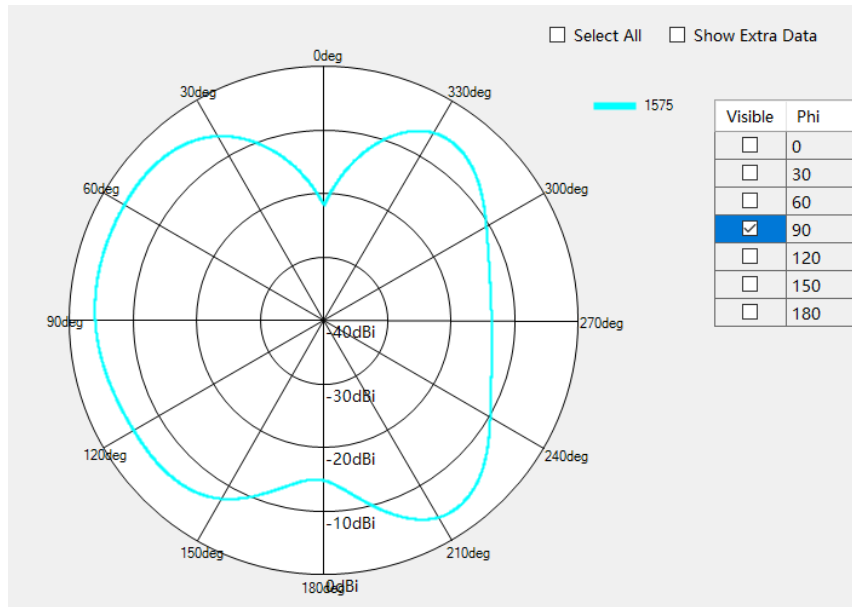
WiFi 2.4G&5G Phi=90deg



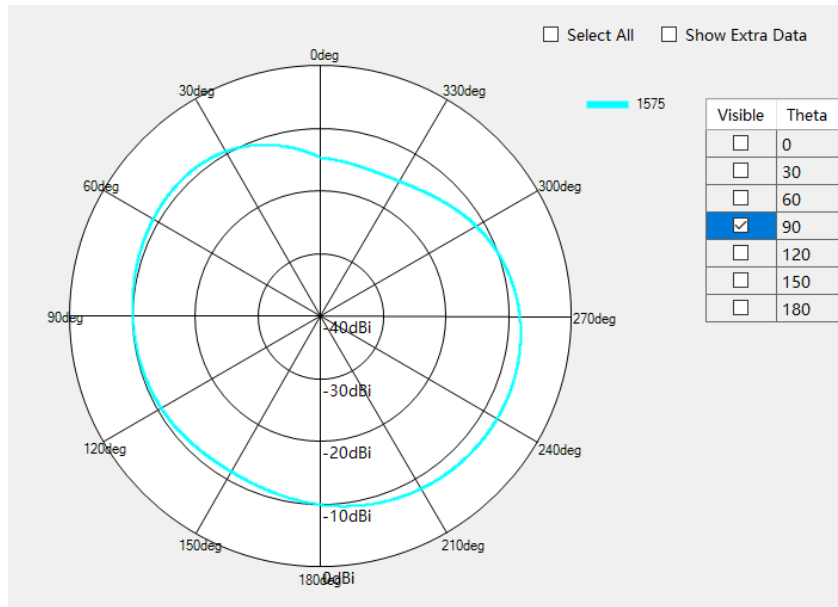
※ Antenna Gain

ANT12





GPS Phi=90deg



GPS Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	