

## 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/B17/B20/B28/B38/B40/B41/B66

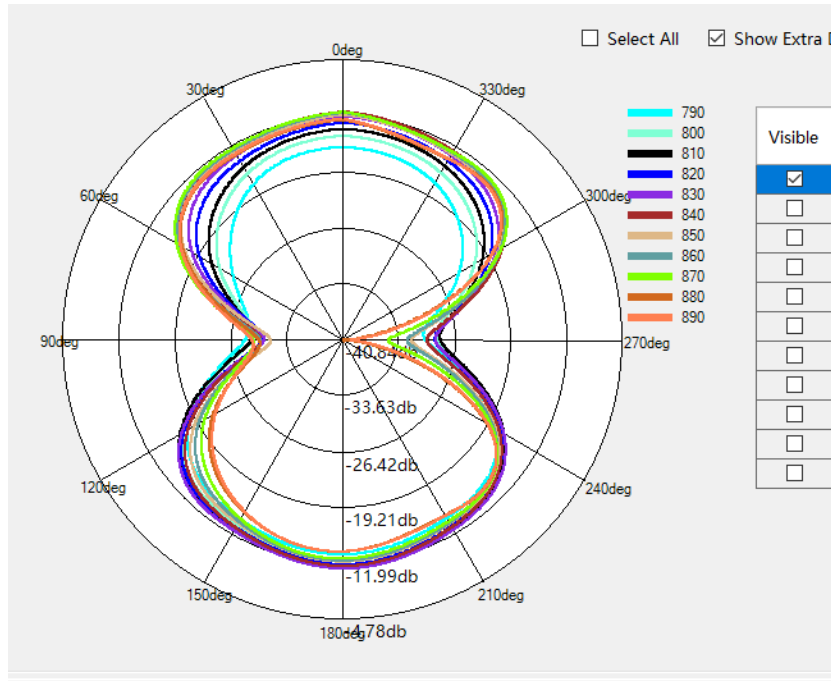
Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen Weichuang Communication Technology Co., Ltd 1-3/F, Building 8, Tongfu Estate Industrial Zone, Dalang Community, Dalang Street, Longhua District, Shenzhen (Shenzhen Headquarters)	CL6-ANT0-XX-WTT-XXXX CL6-ANT1-XX-WTT-XXXX CL6-ANT2-XX-WTT-XXXX CL6-ANT12-XX-WTT-XXXX CL6-ANT13-XX-WTT-XXXX CL6-ANT14-XX-WTT-XXXX (XX:Version-Date)

TYPE		
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 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 B2:1850-1910MHz	
	WCDMA B1/LTE B1 : 1920 - 1980MHz	
	LTE B7 :2496-2565MHz	
	LTE B40 :2300-2400MHz	
	LTE B38/B41 :2565-2645MHz	
	LTE B12/B17:699-716MHz	
	LTE B20:832-862MHz	
	LTE B28:710-755MHz	
	GSM 850/WCDMA B5/LTE B5: 869 - 894 MHz	
	GSM 900/WCDMA B8/LTE B8: 925 - 960 MHz	
	DCS/LTE B3: 1805 - 1880 MHz	
Receiver Frequency	WCDMA 4/LTE B4: 2110-2155 MHz	
	PCS/WCDMA B2/LTE B2:1930-1990MHz	
	WCDMA B1/LTE B1/B66: 2110-2170MHz	
	LTE B7:2620-2690MHz	
	LTE B40 :2300-2400MHz	
	LTE B38/41:2565-2645MHz	
	LTE B12/17:729-746MHz	
	LTE B20:791-821MHz	
	LTE B28:758-803MHz	
	GSM850/900: 32+/-2dBm	
	DCS/PCS: 30+/-2dBm	
	LTEB1/B2/B3/B4/B5/B7/B8/B12/B20/B17/B28/B38/B40/B41/B66: 23+/-2dBm	
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm	
	RF-Output Power (E.I.R.P)	GSM 850/WCDMA B5/LTE B5: -4.5dBi
GSM 900/WCDMA B8/LTE B8: -4.56dBi		
DCS /WCDMA B4/LTE B3/B4/B66: -3.09dBi		
PCS/WCDMA B2/LTE B2: -3.77dBi		
WCDMA B1/LTE B1: -0.21dBi		
LTE B7/B38/B41: -7.79dBi		
LTE B40 : -5.84dBi		
LTE B20 : -4.65dBi		
LTE B12/B17/B28:-5.78dBi		
Antenna Gain	ANT2	GSM 850/WCDMA B5/LTE B5: -4.5dBi
		GSM 900/WCDMA B8/LTE B8: -4.56dBi
		DCS /WCDMA B4/LTE B3/B4/B66: -3.09dBi
		PCS/WCDMA B2/LTE B2: -3.77dBi
		WCDMA B1/LTE B1: -0.21dBi
		LTE B7/B38/B41: -7.79dBi
		LTE B40 : -5.84dBi
		LTE B20 : -4.65dBi
		LTE B12/B17/B28:-5.78dBi

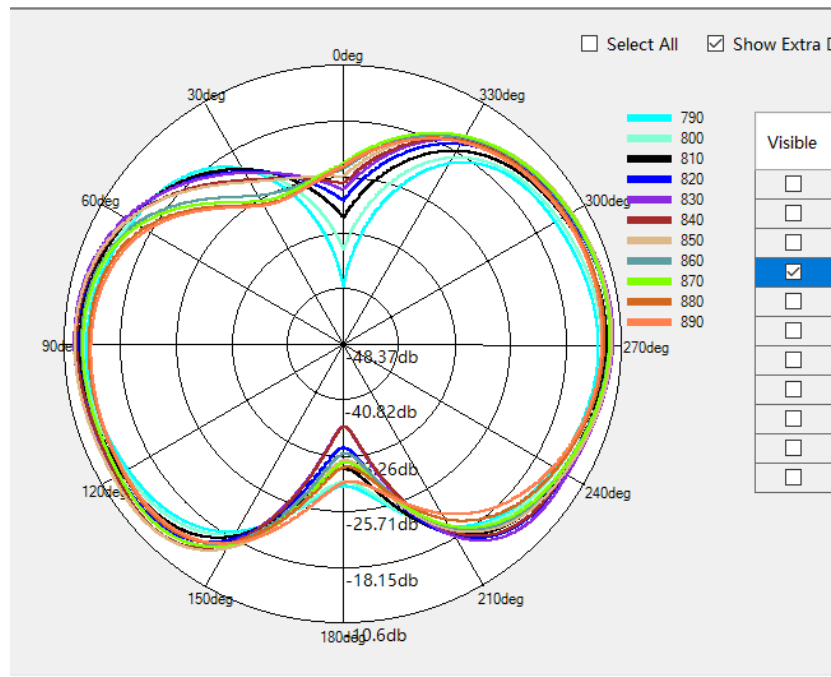
Type of Modulation	ANT1	LTE B1 :-10.46dBi
		LTE B3 :-6.43dBi
	ANT0	GSM 850/WCDMA B5/LTE B5: -8.92dBi
		GSM 900/WCDMA B8/LTE B8: -8.4dBi
		DCS /WCDMA B4/LTE B3/B4/B66: -3.77dBi
		PCS/WCDMA B2/LTE B2: -4.74dBi
		WCDMA B1/LTE B1: -3.32dBi
		LTE B7/B38/B41: -1.43dBi
		LTE B40 : -1.98dBi
		LTE B20 : -7.49dBi
		LTE B12/B17/B28:-8.96dBi
	ANT14	WIFI 2.4G/BT:-2.41dBi
		WIFI 5G:-1.82dBi
	ANT12	GPS(L1):-1.37dBi
	ANT13	WIFI 2.4G/BT:-4.51dBi
		WIFI 5G: -4.31dBi

※ Antenna Gain

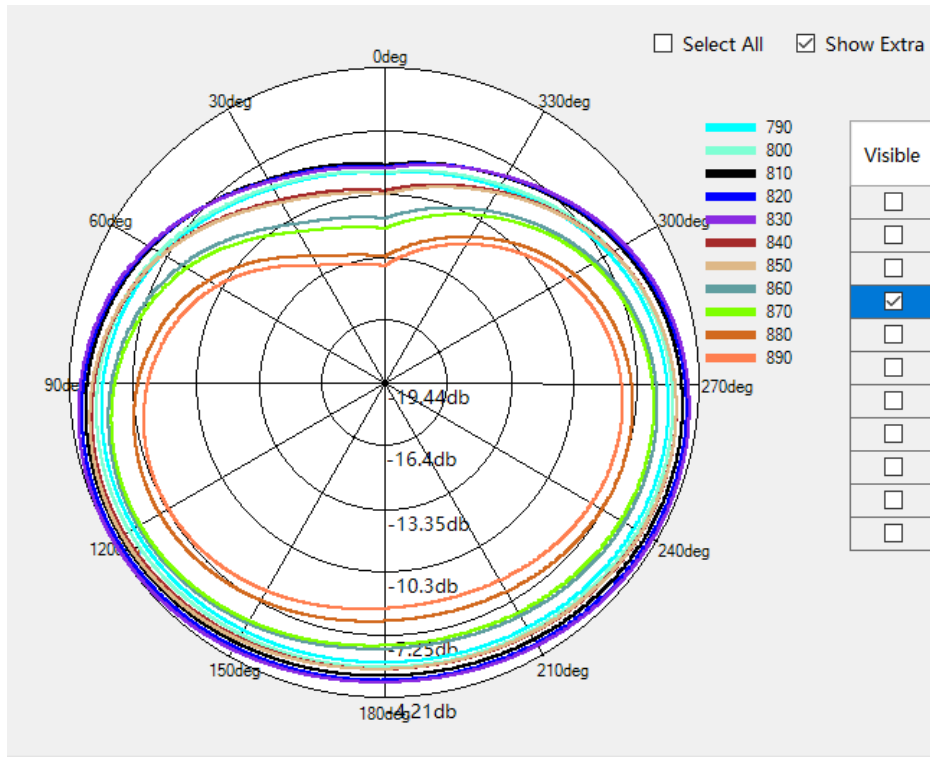
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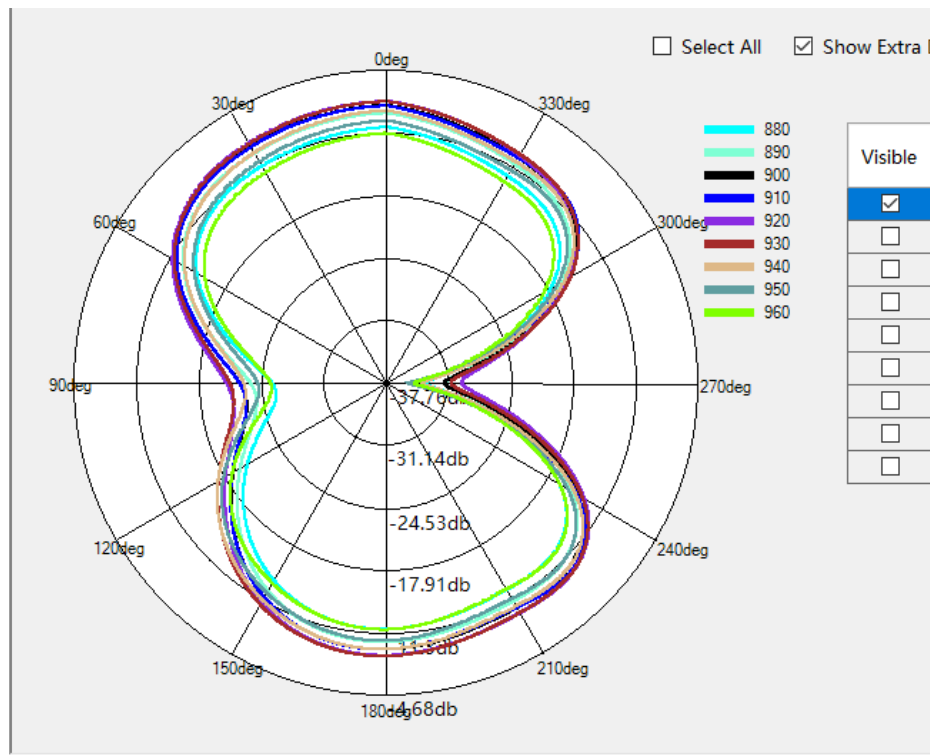
GSM850/WCDMA B5/ LTE B5/B20  $\Phi=0^\circ$



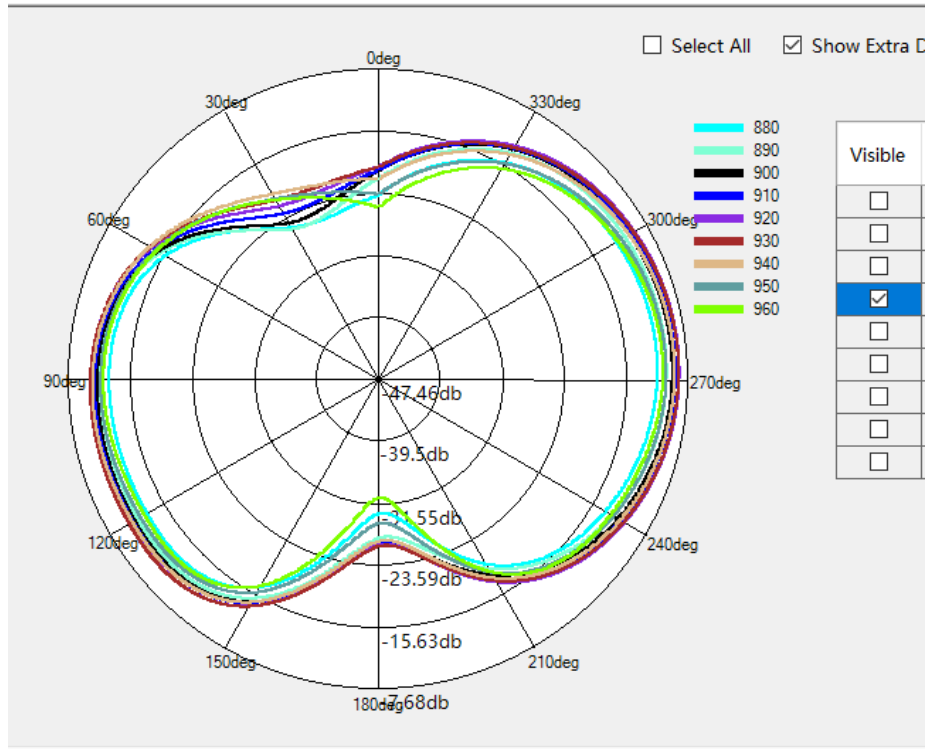
GSM850/WCDMA B5/ LTE B5/B20  $\Phi=90^\circ$



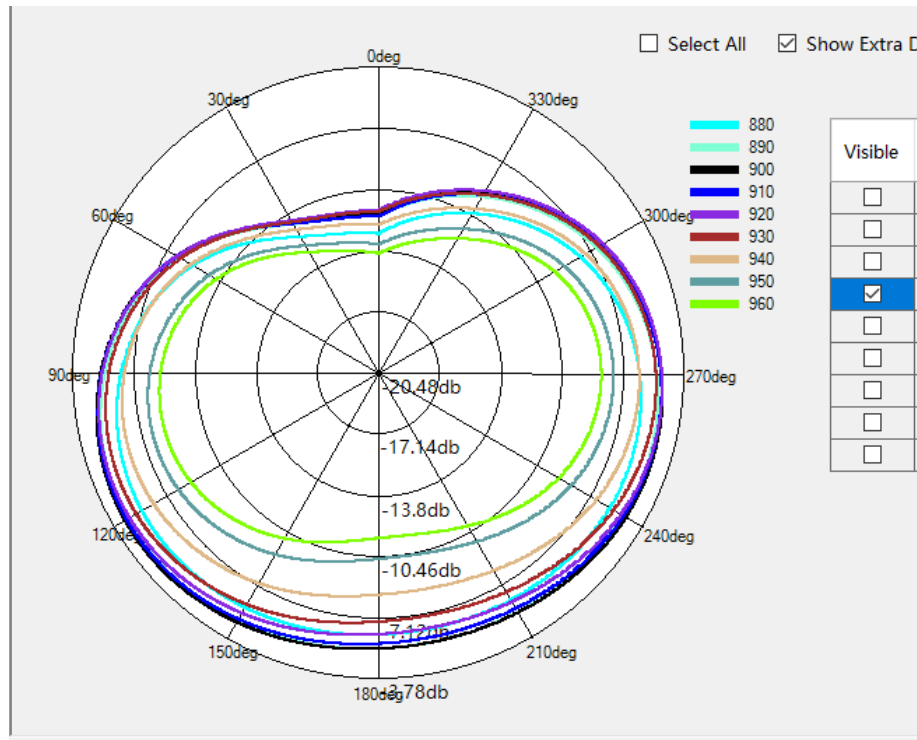
GSM850/WCDMA B5/ LTE B5/B20 Theta=90deg



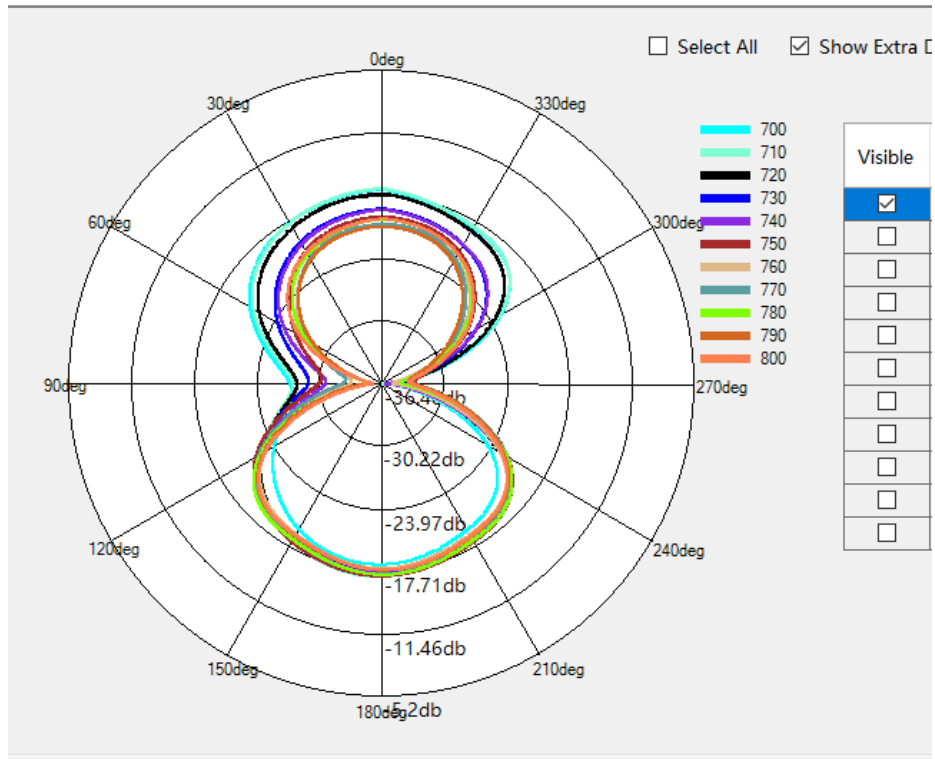
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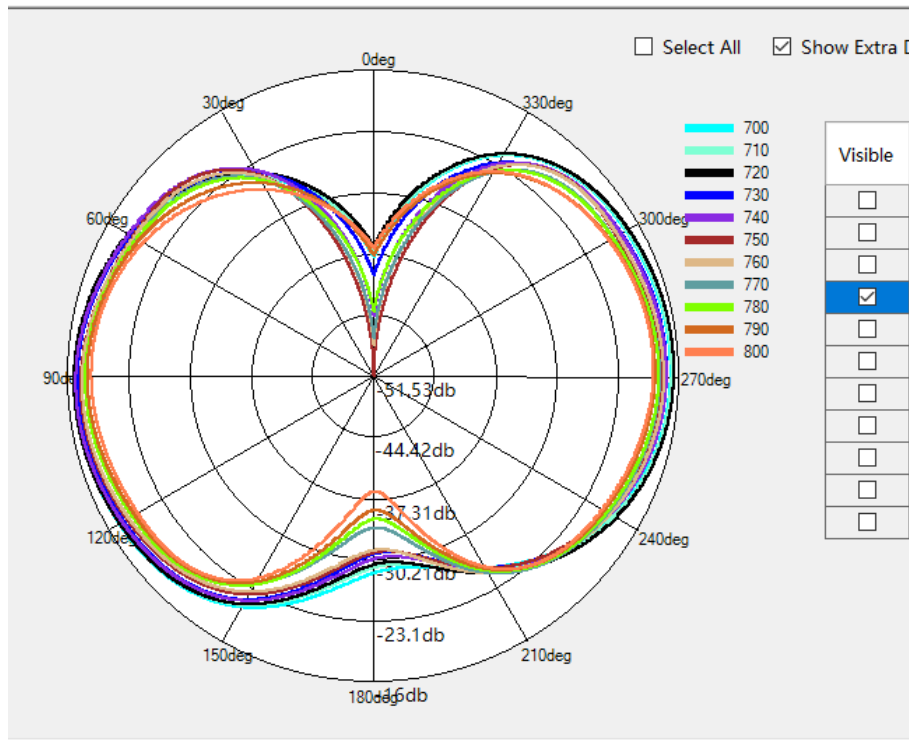
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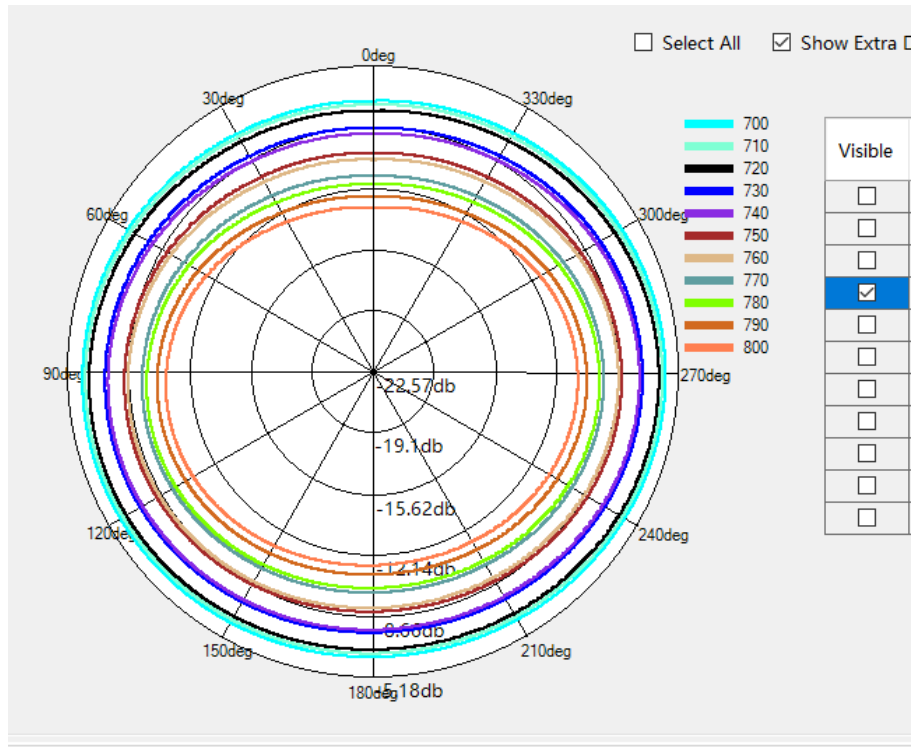
LTE B8 G900 W8 Theta=90deg



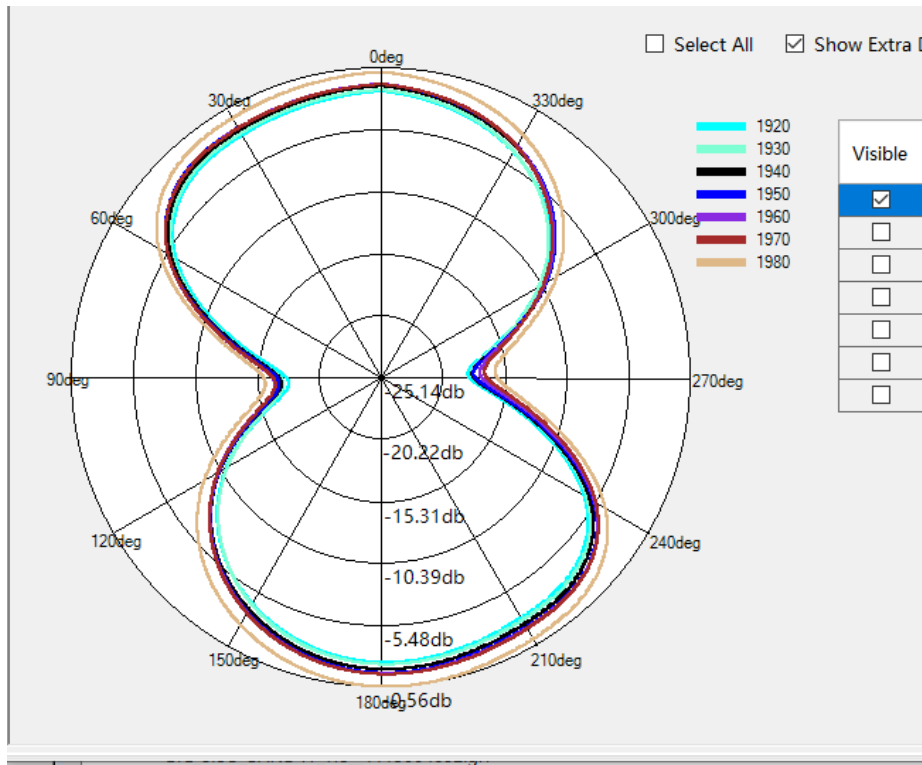
LTEB12/B17/B28 Phi=0deg



LTEB12/B17/B28 Phi=90deg

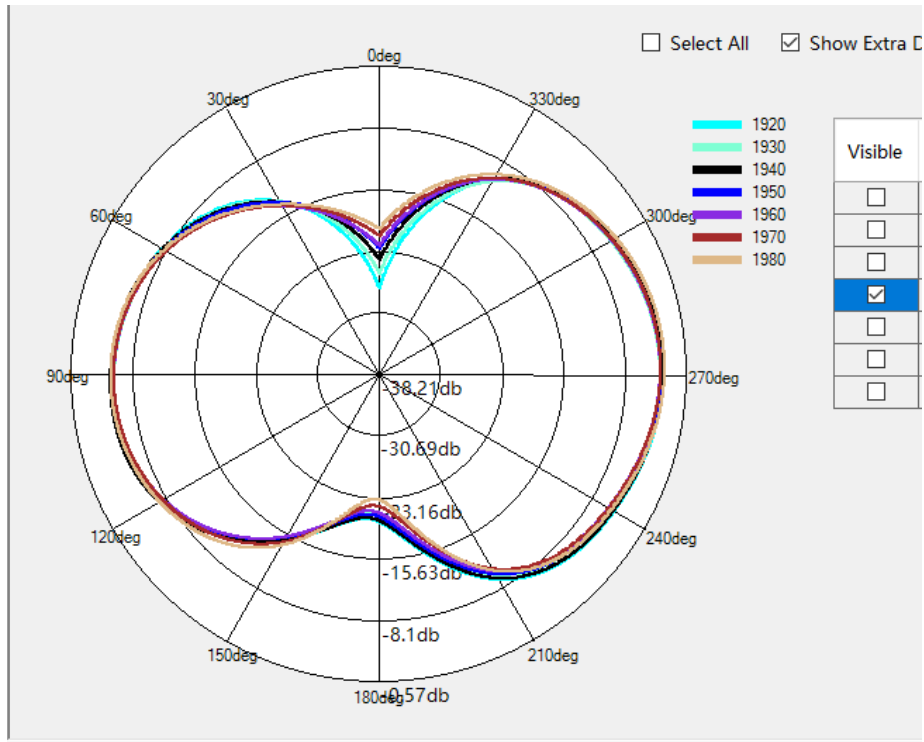


LTEB12/B17/B28 Theta=90deg

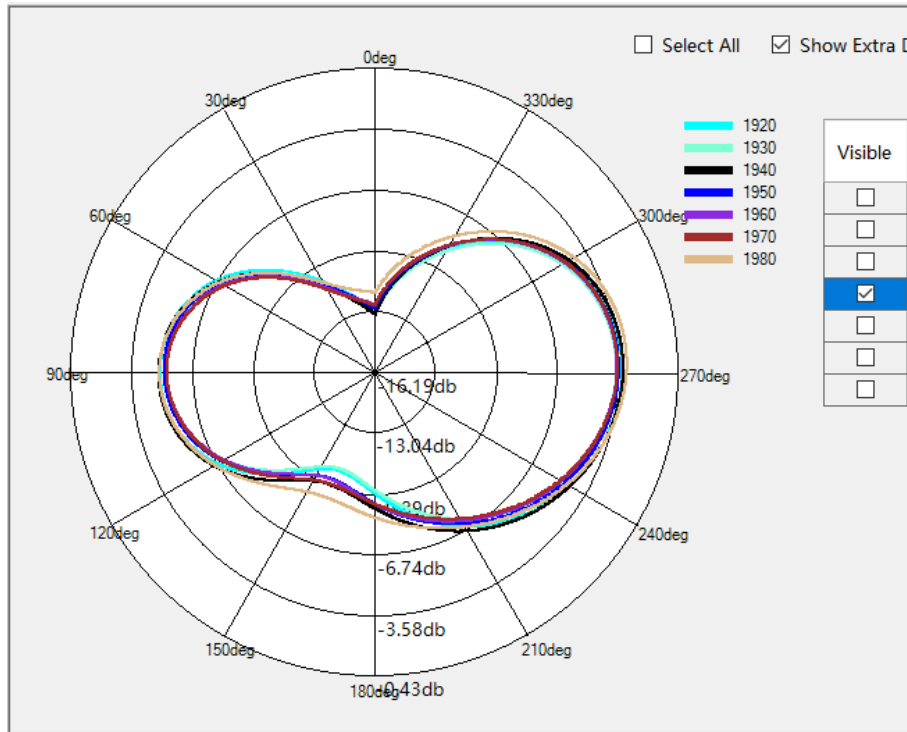


LTE B1 W1 Phi=90deg

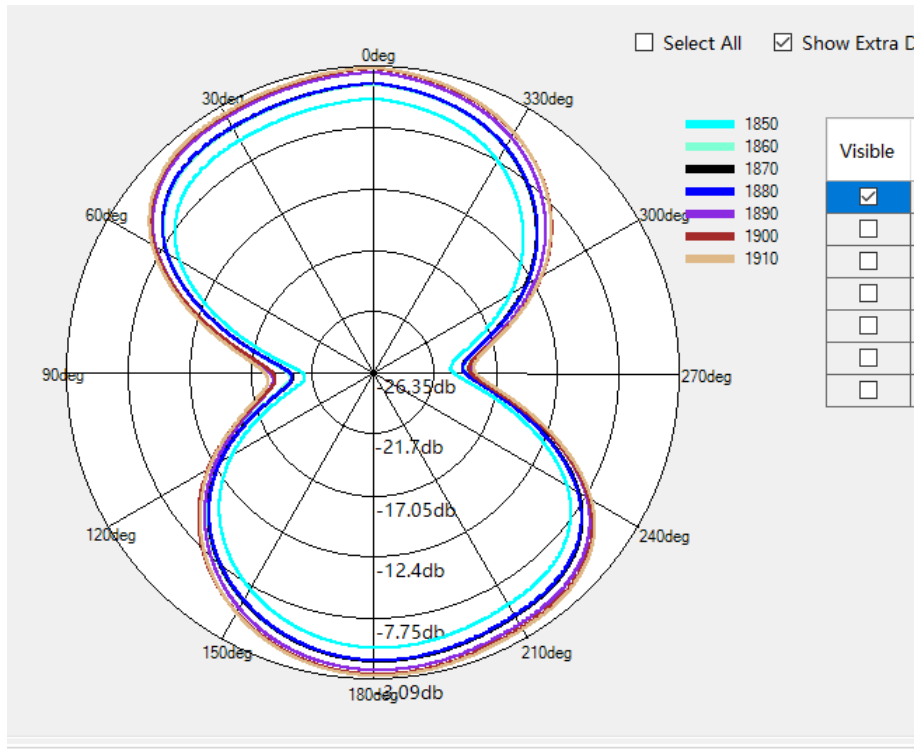




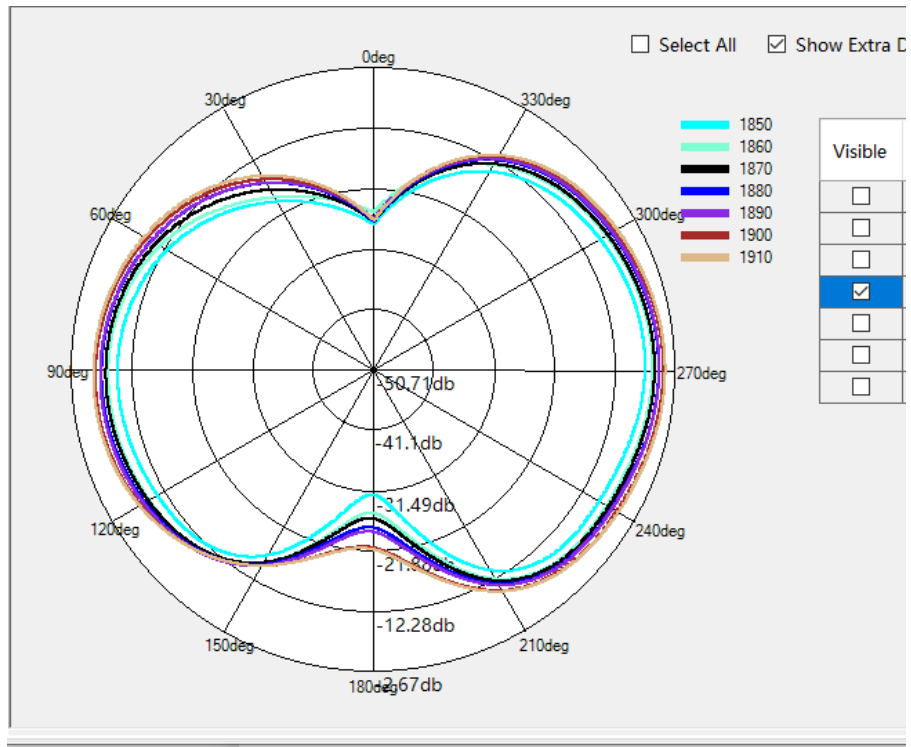
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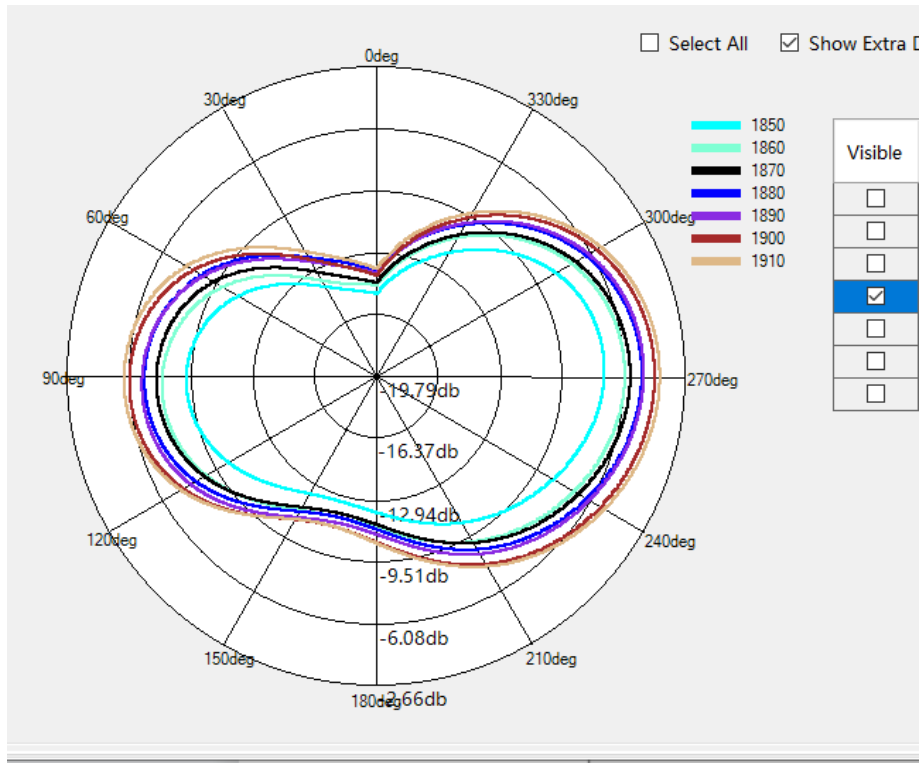
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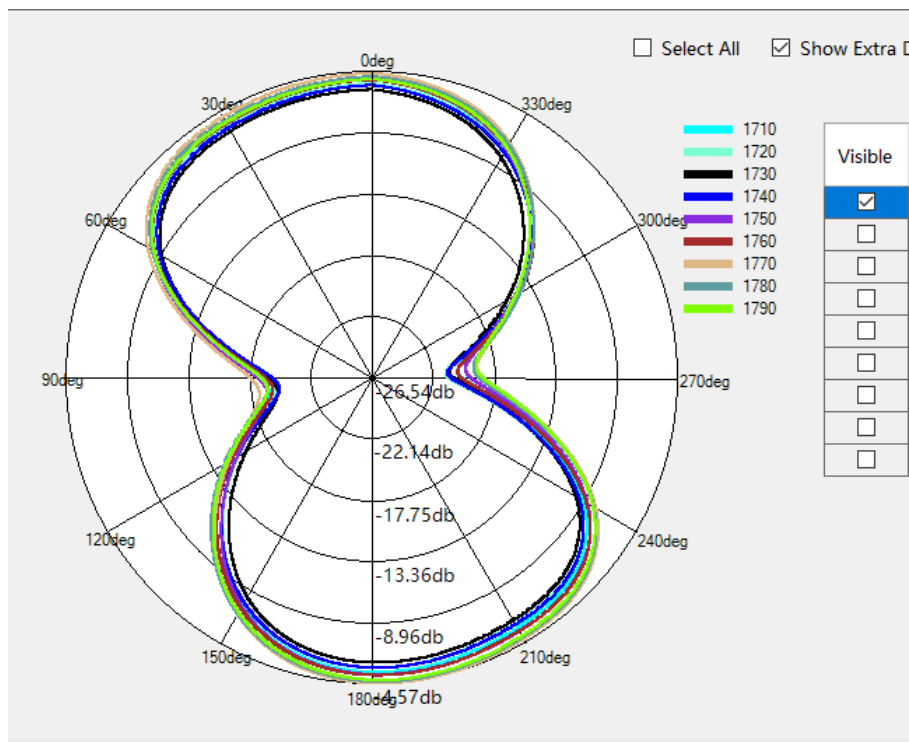
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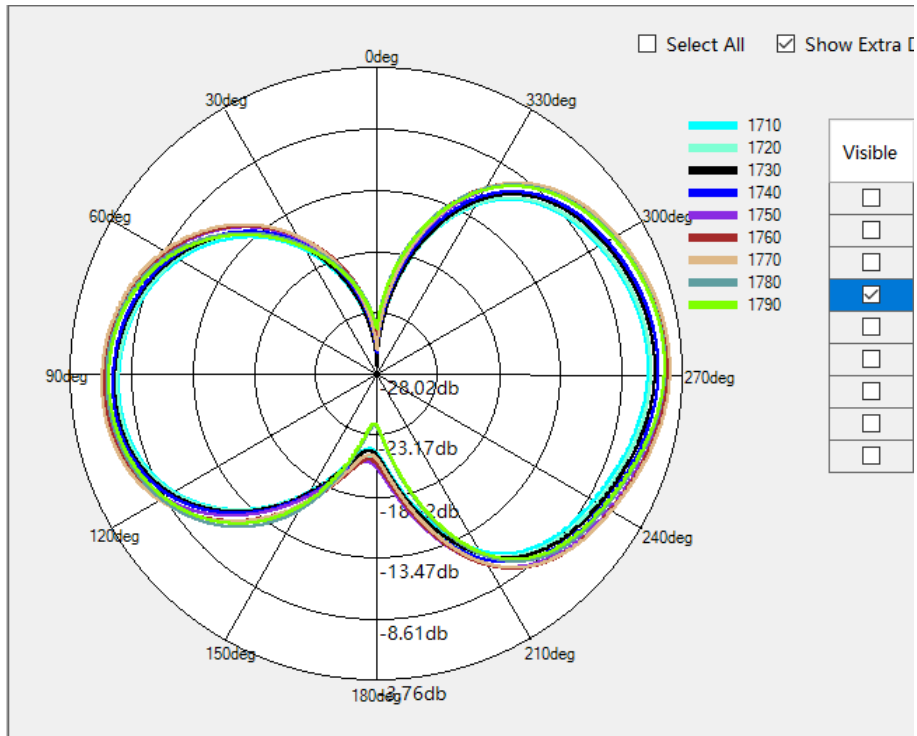
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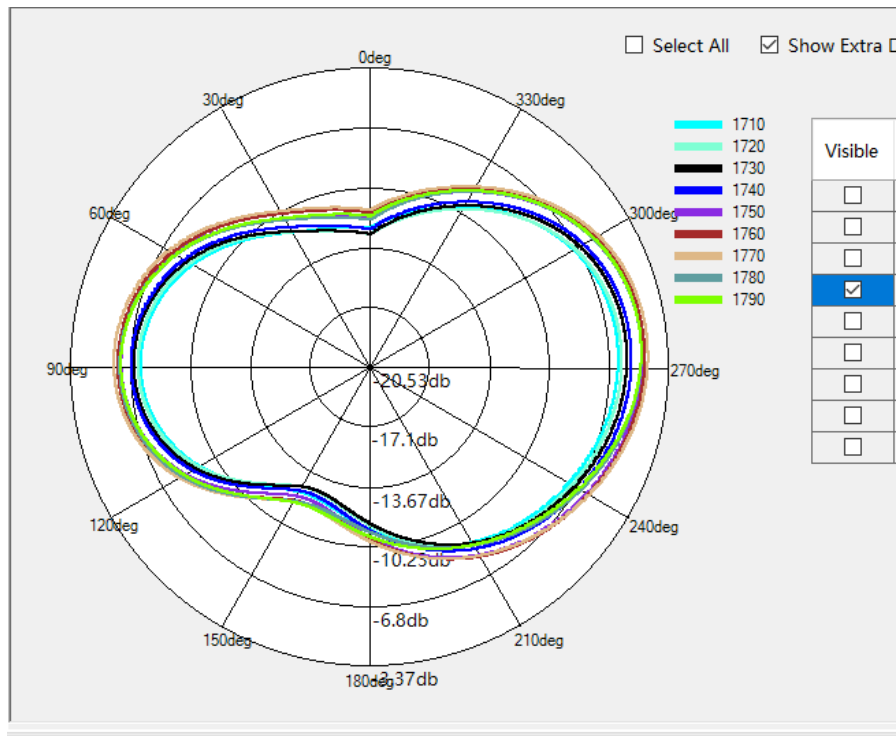
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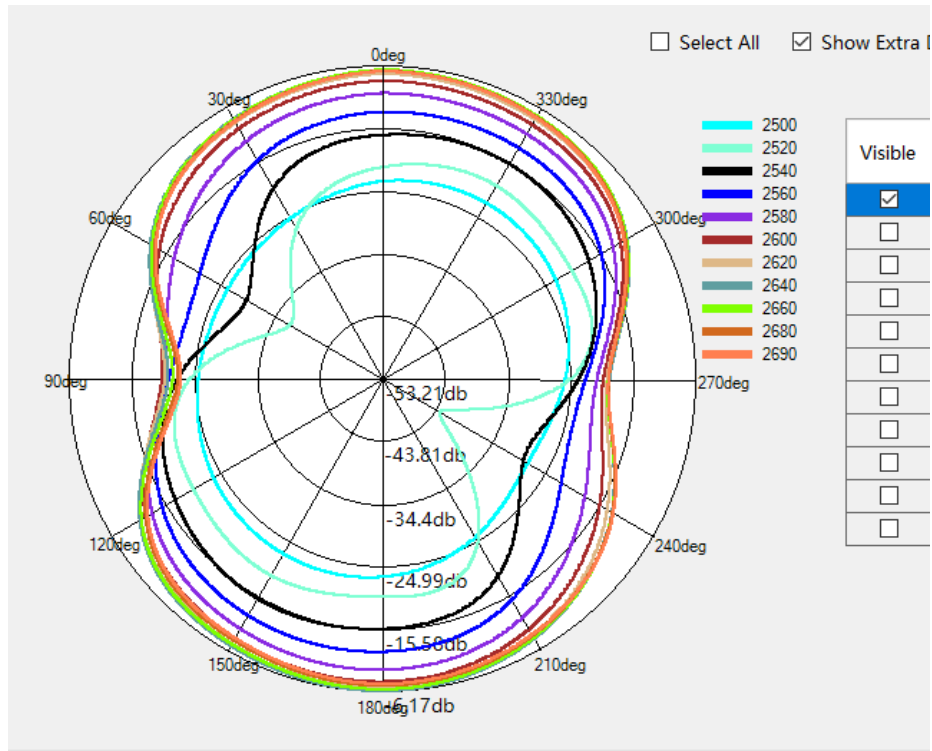
LTE B3 B4 B66 G1800 W4 Phi=0deg



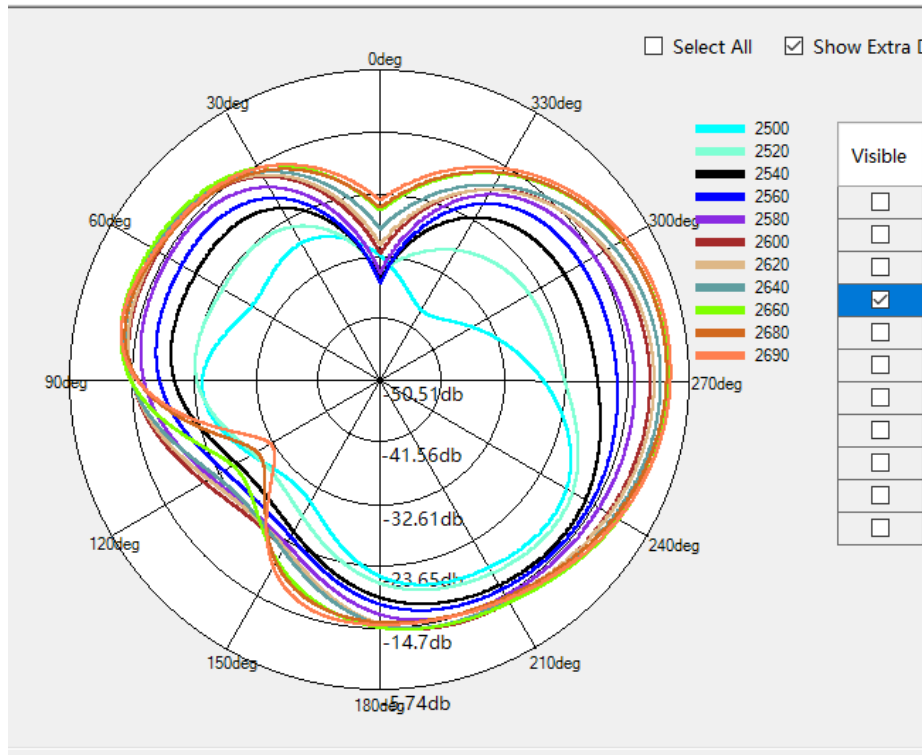
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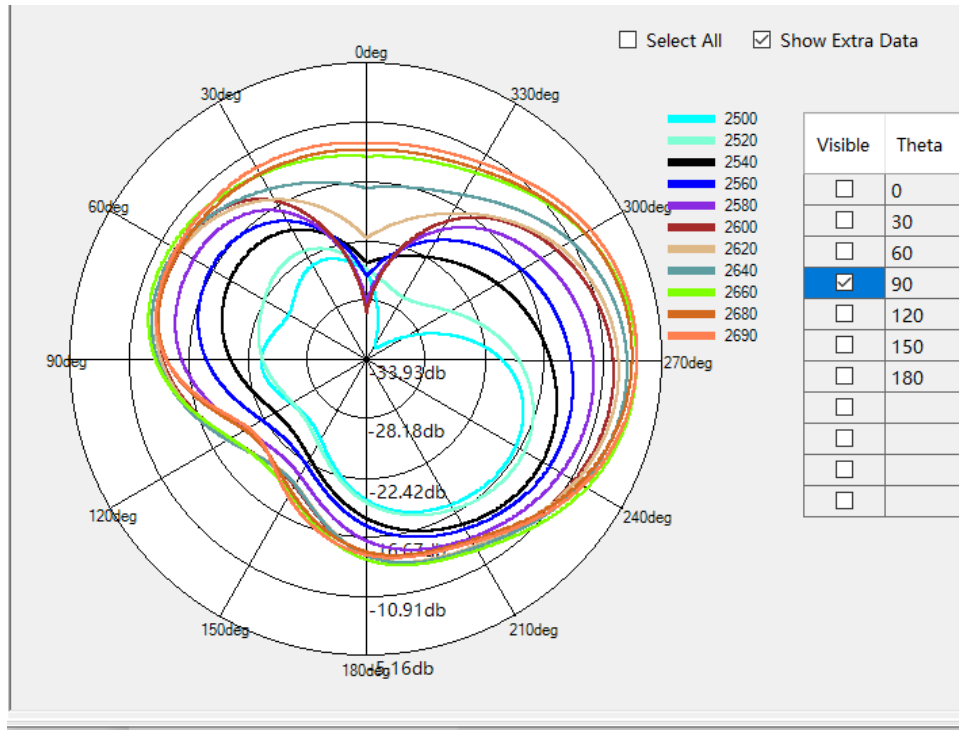
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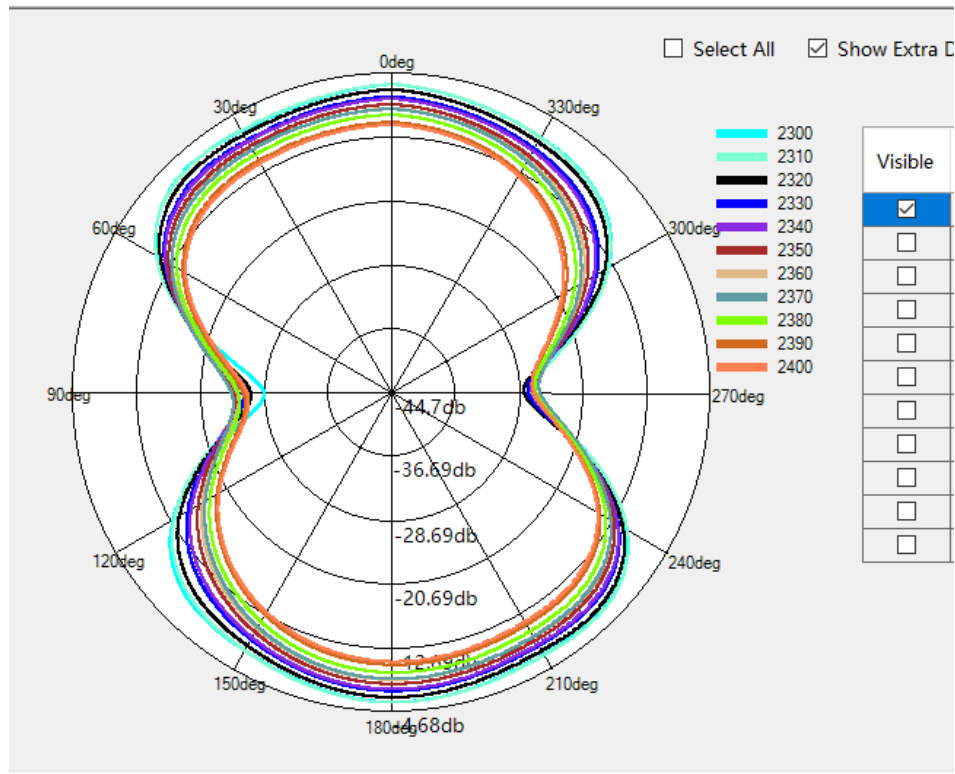
LTE B7 B38 B41 Phi=0deg



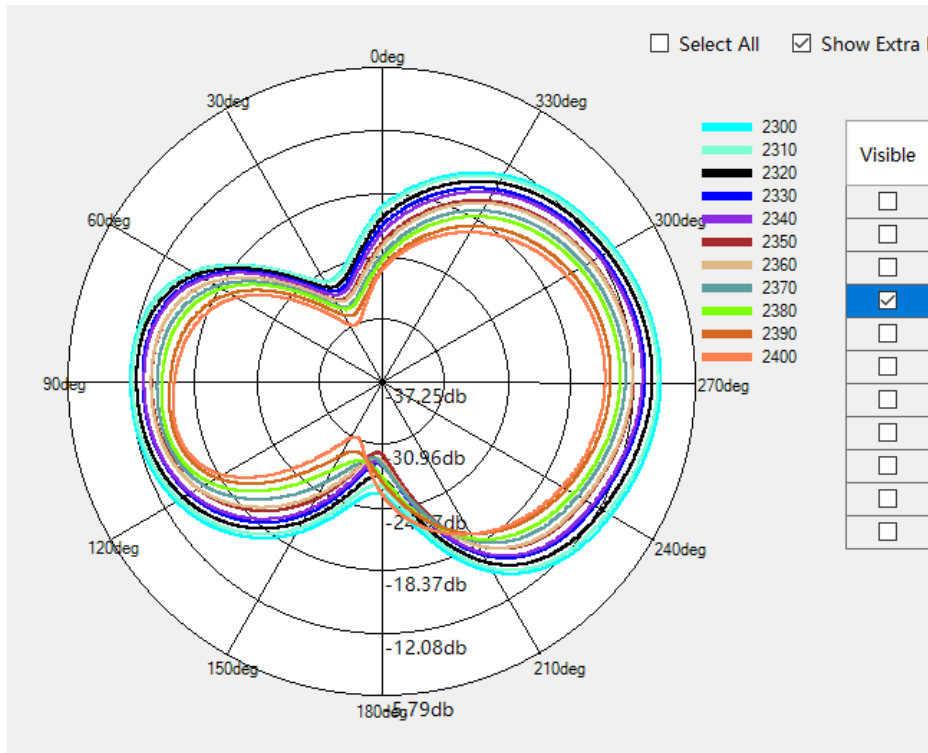
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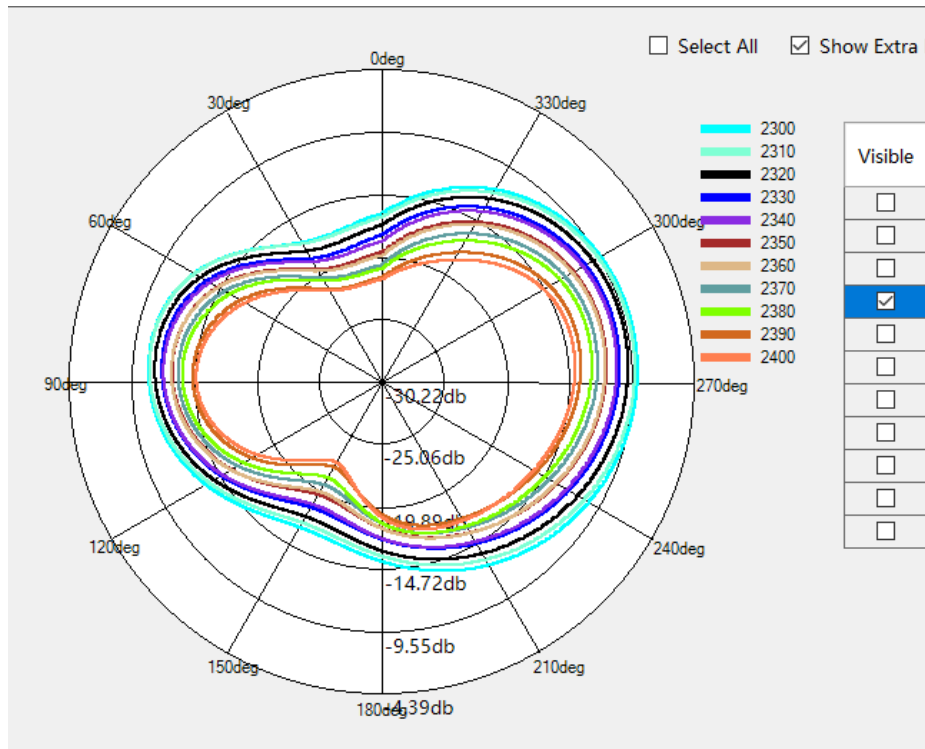
LTE B7 B38 B41 Theta=90deg



LTE B40 Phi=0deg

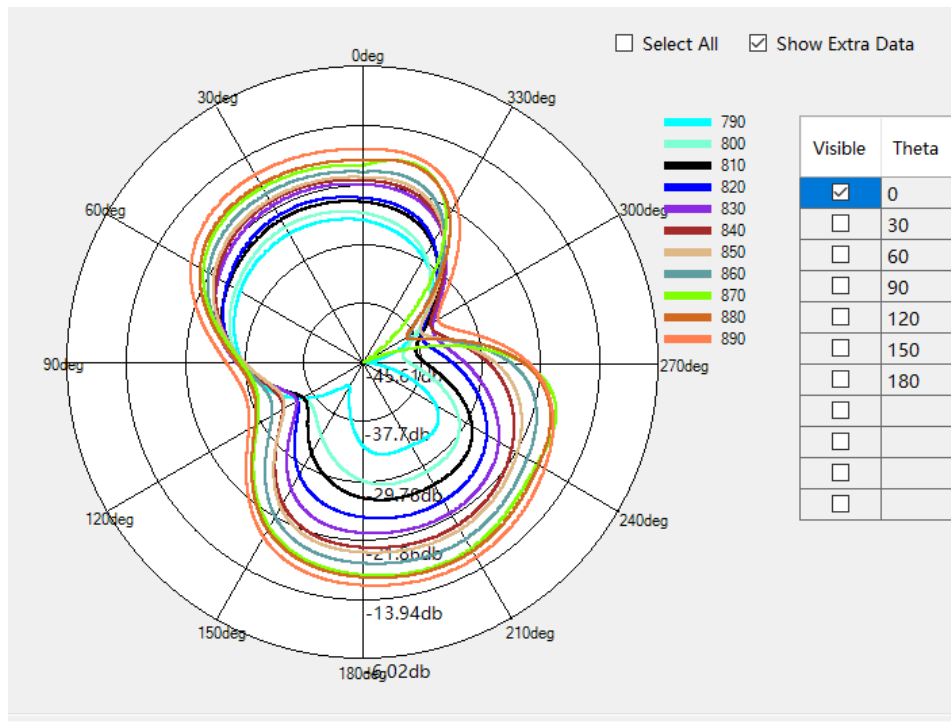


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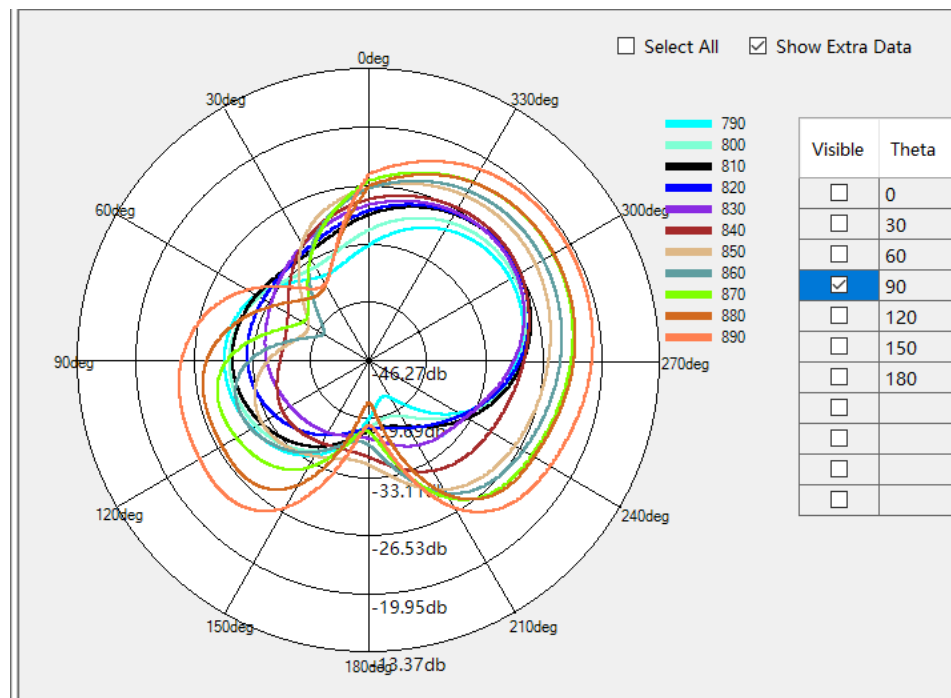


LTE B40 Theta=90deg

ANT0

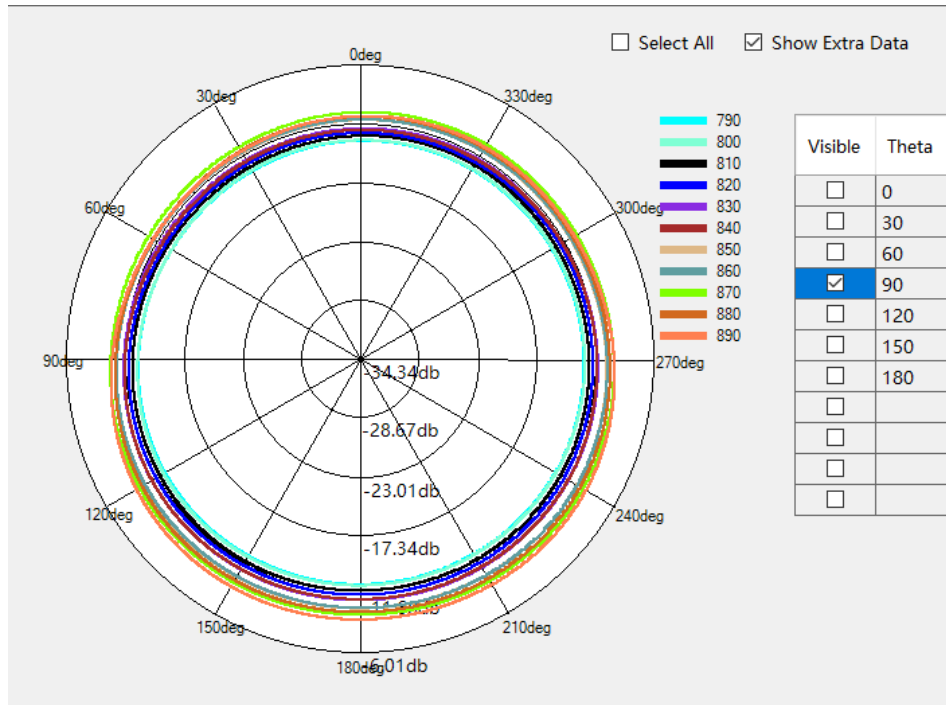


GSM850/WCDMA B5/LTE B5/B20 Phi=0deg

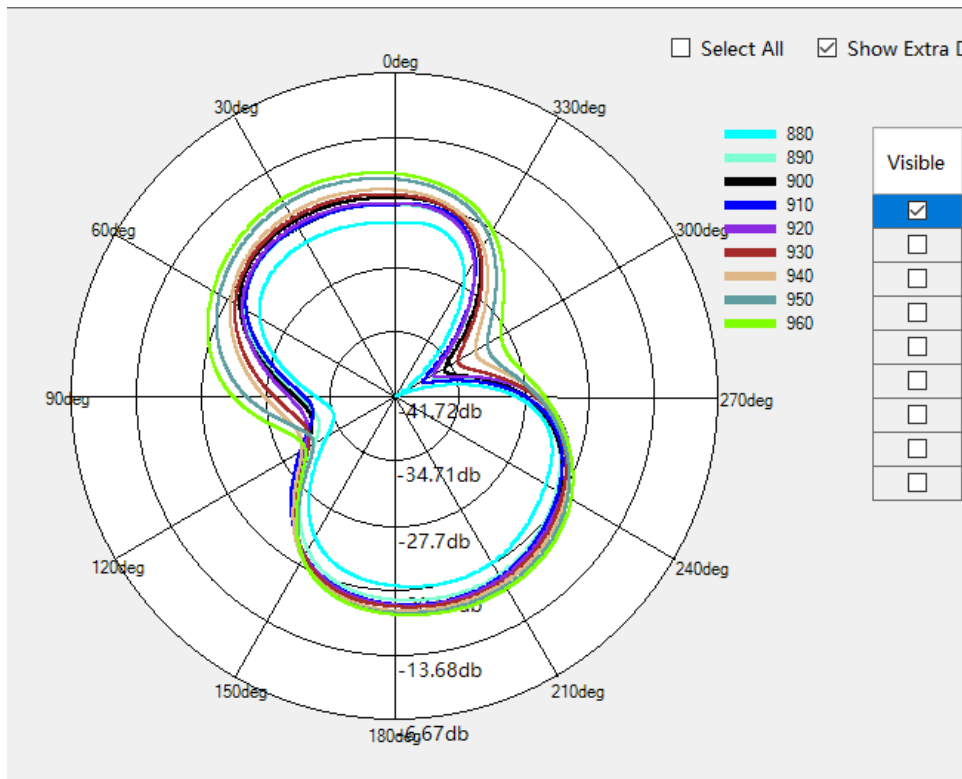


GSM850/WCDMA B5/LTE B5/B20 Phi=90deg

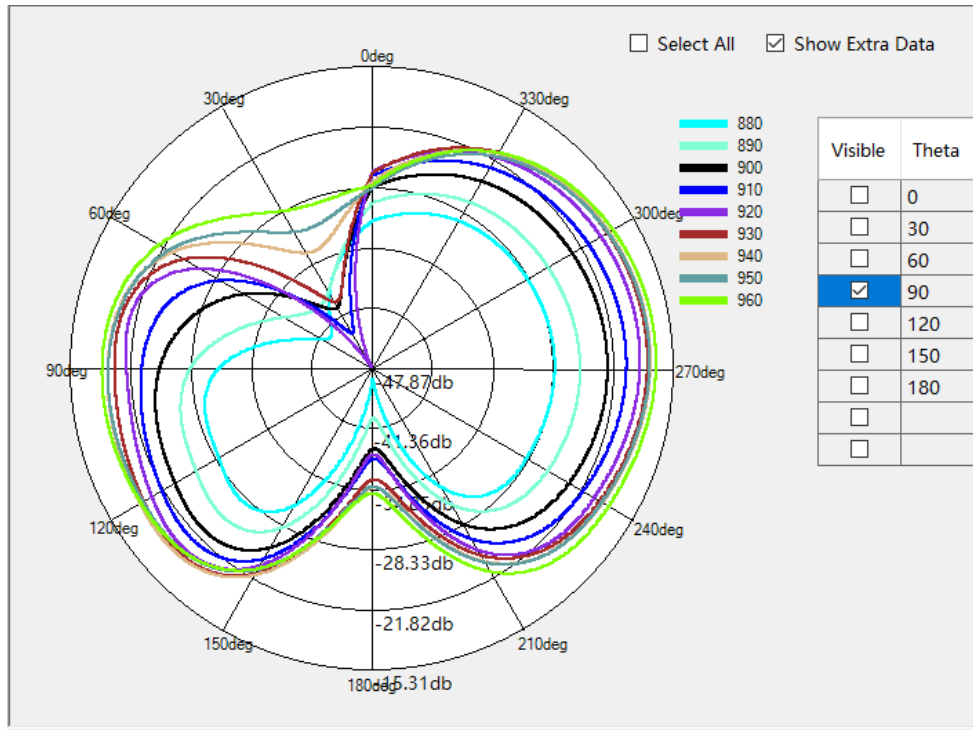




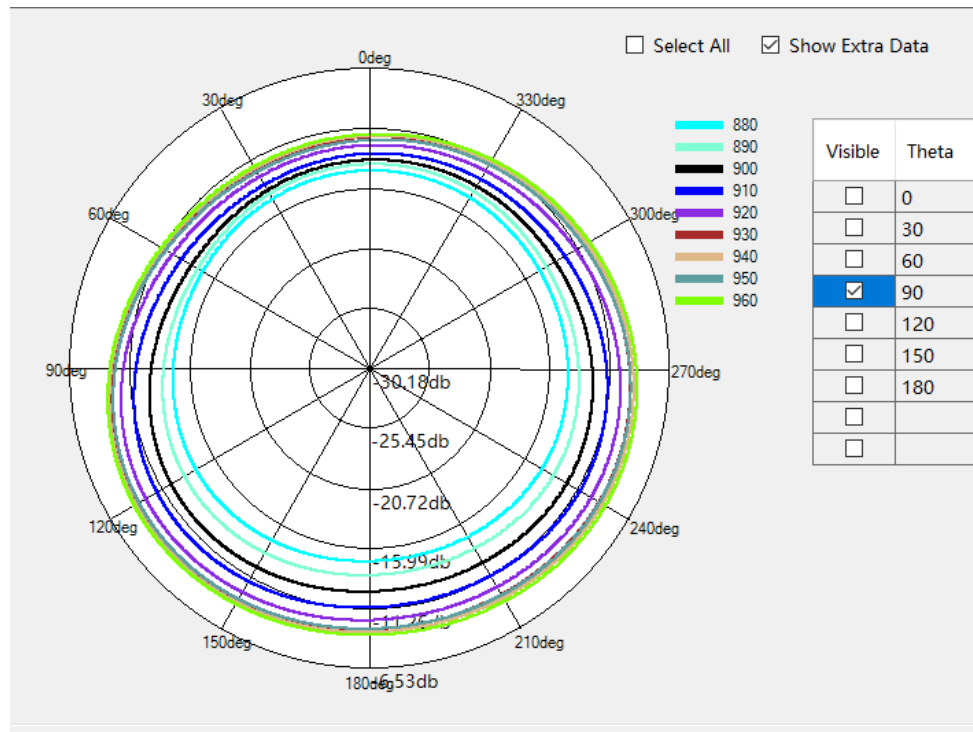
GSM850/WCDMA B5/LTE B5/B20    Theta=90deg



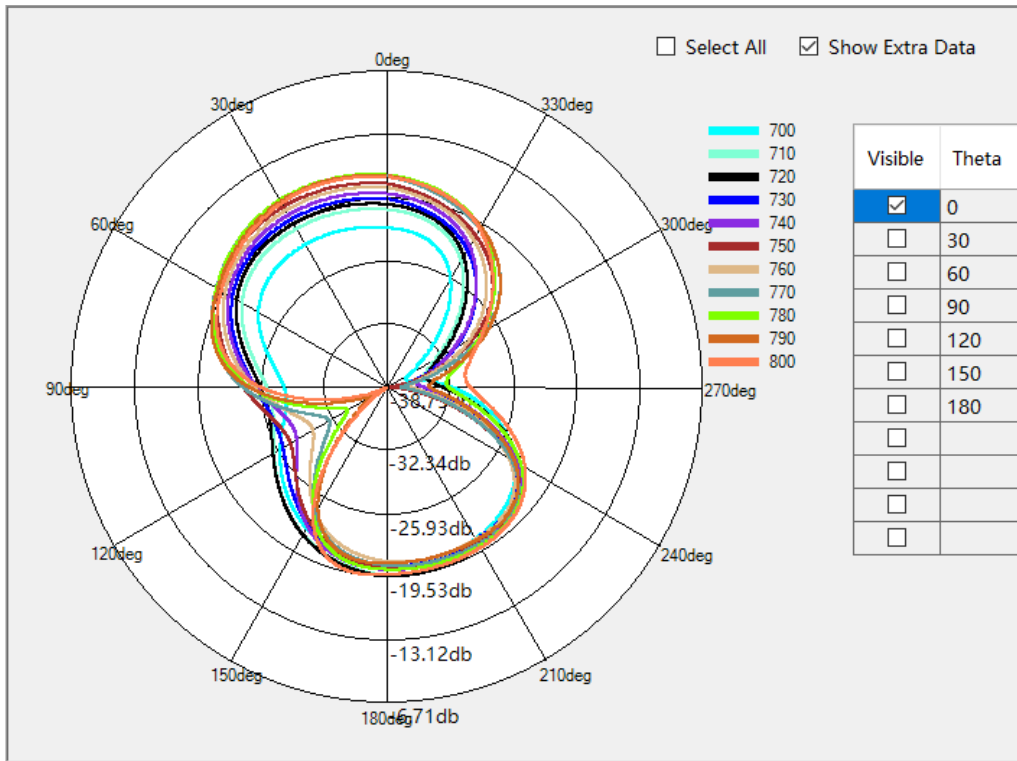
LTE B8 G900 W8 Phi=0deg



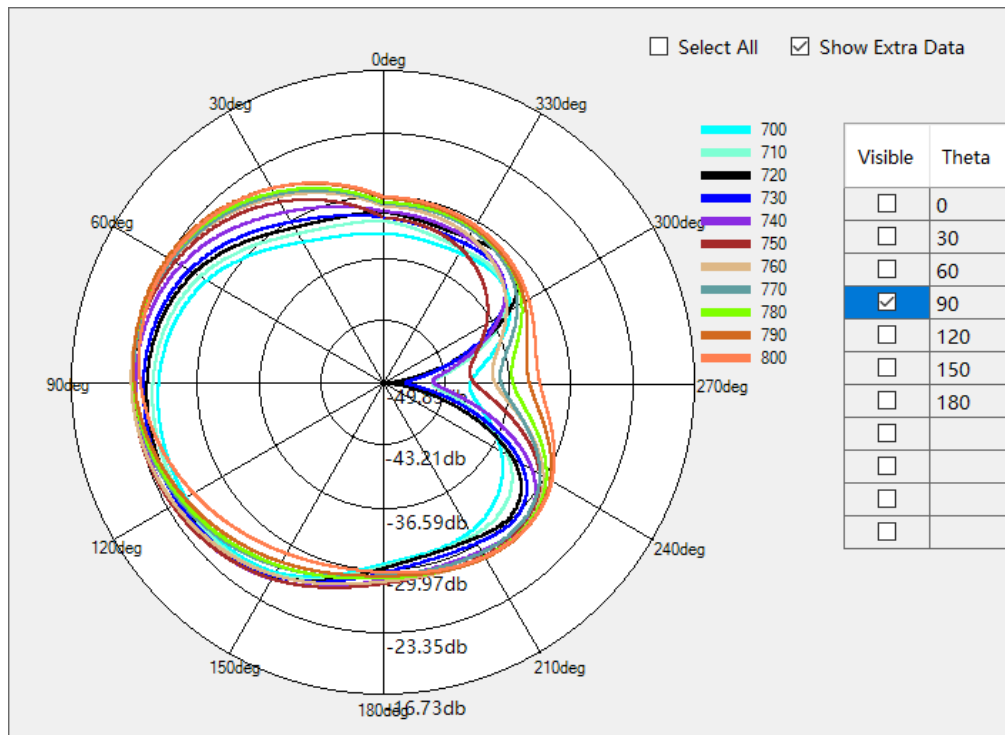
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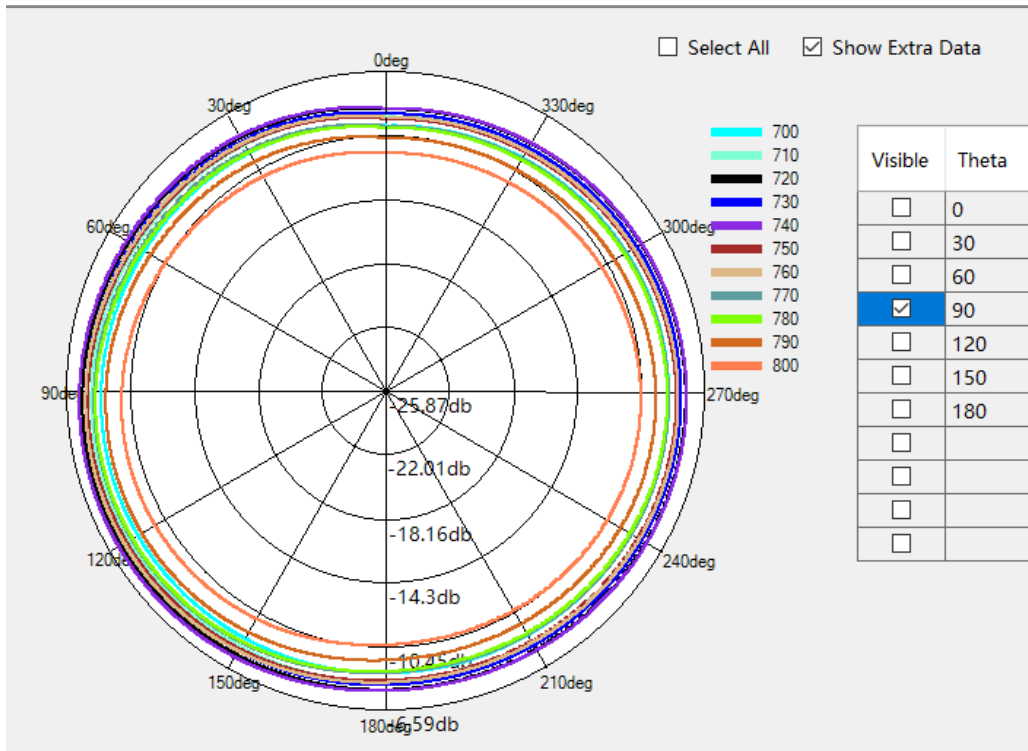
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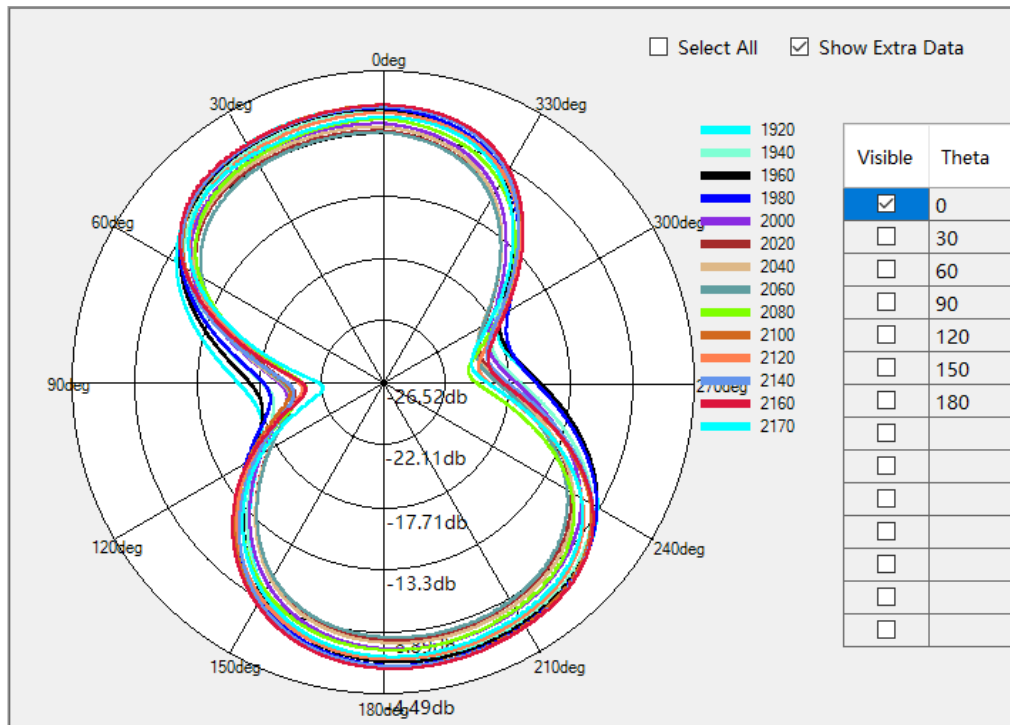
LTEB12/B17/B28 Phi=0deg



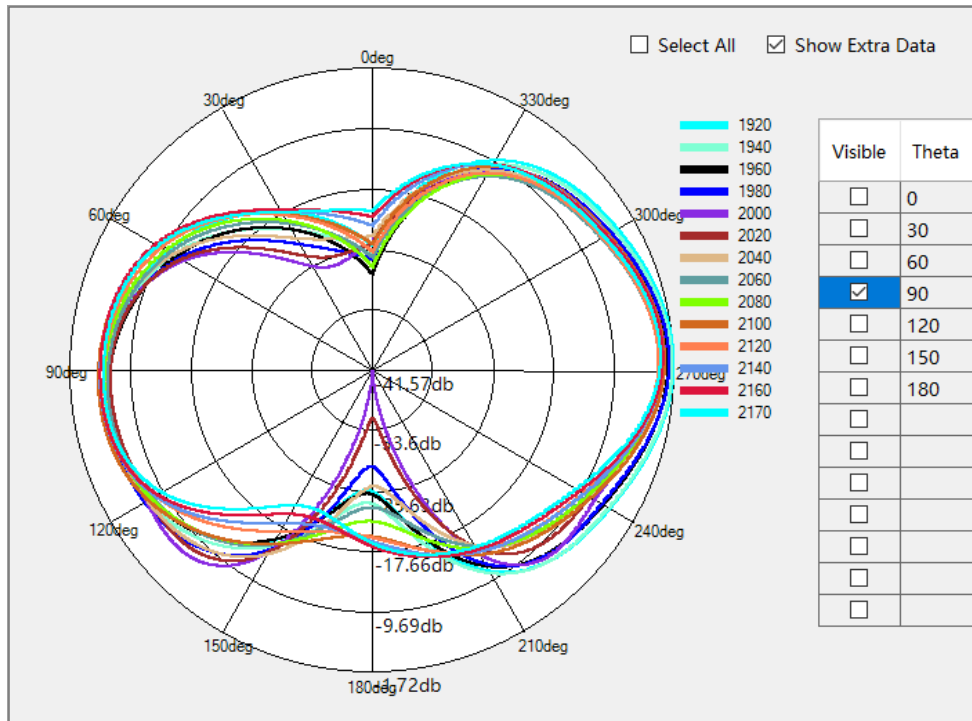
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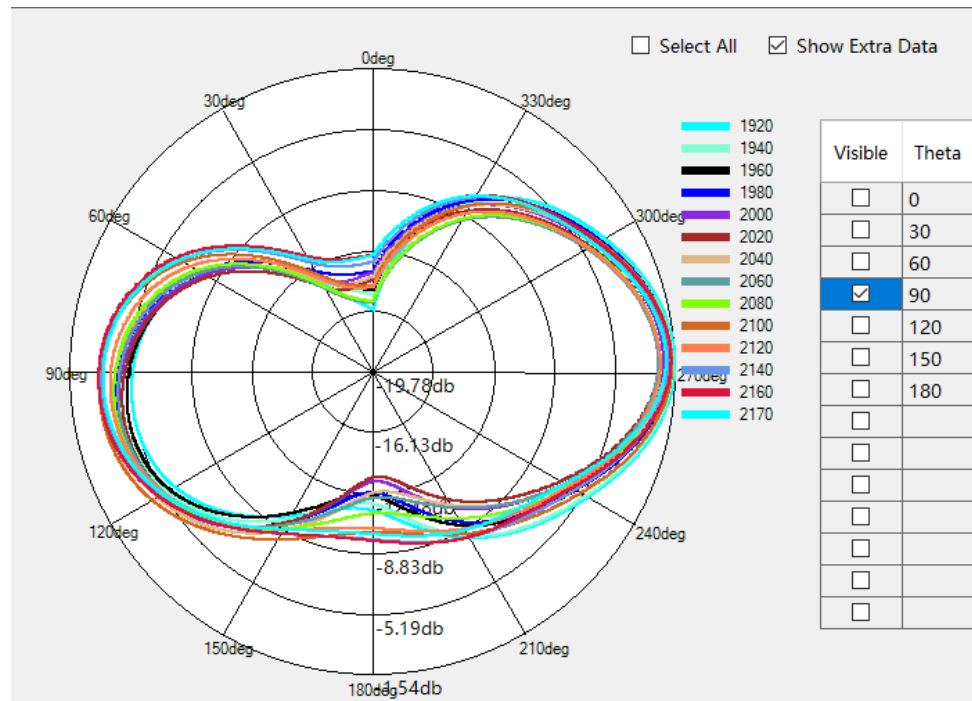
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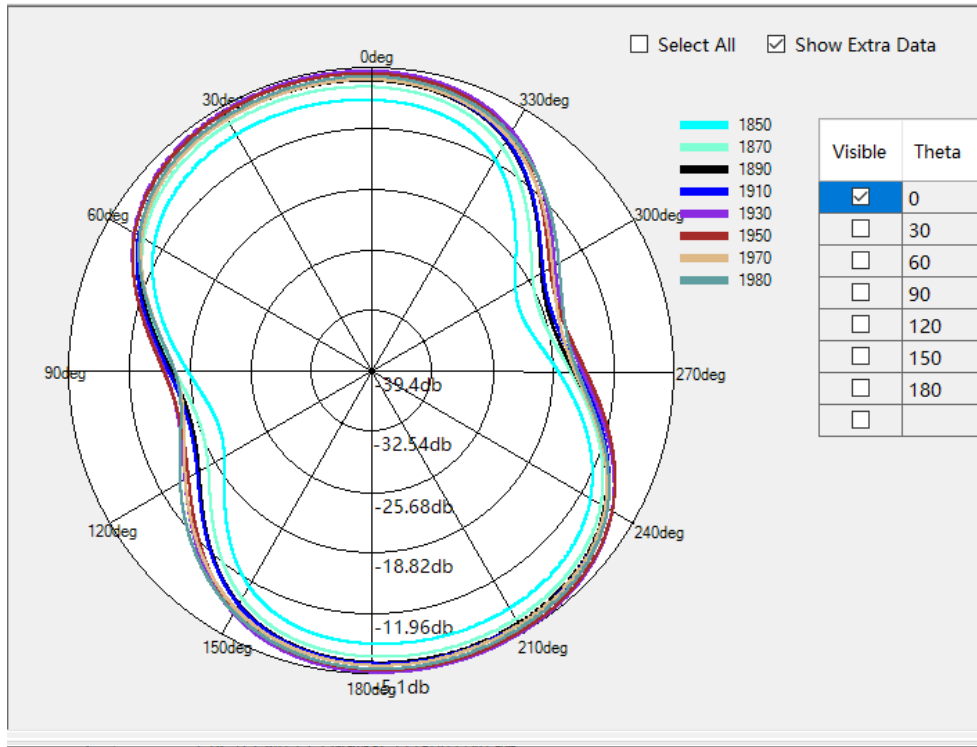
LTE B1 W1 Phi=90deg



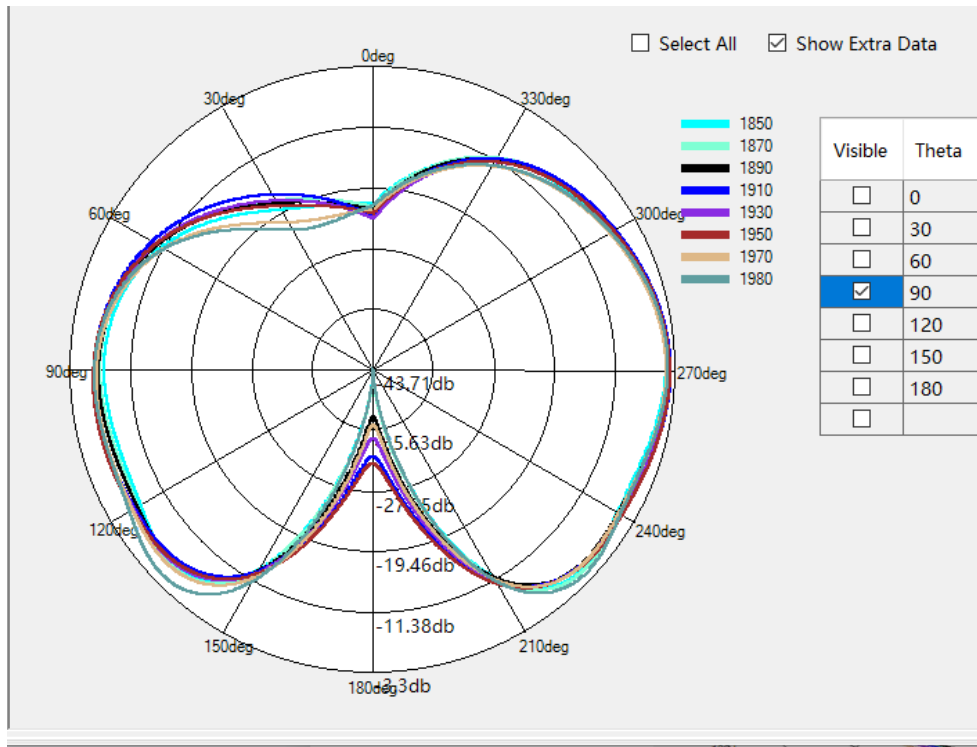
LTE B1 W1 Phi=90deg



LTE B1 W1 Theta=90deg



LTE B2 G1900 W2 Phi=0deg



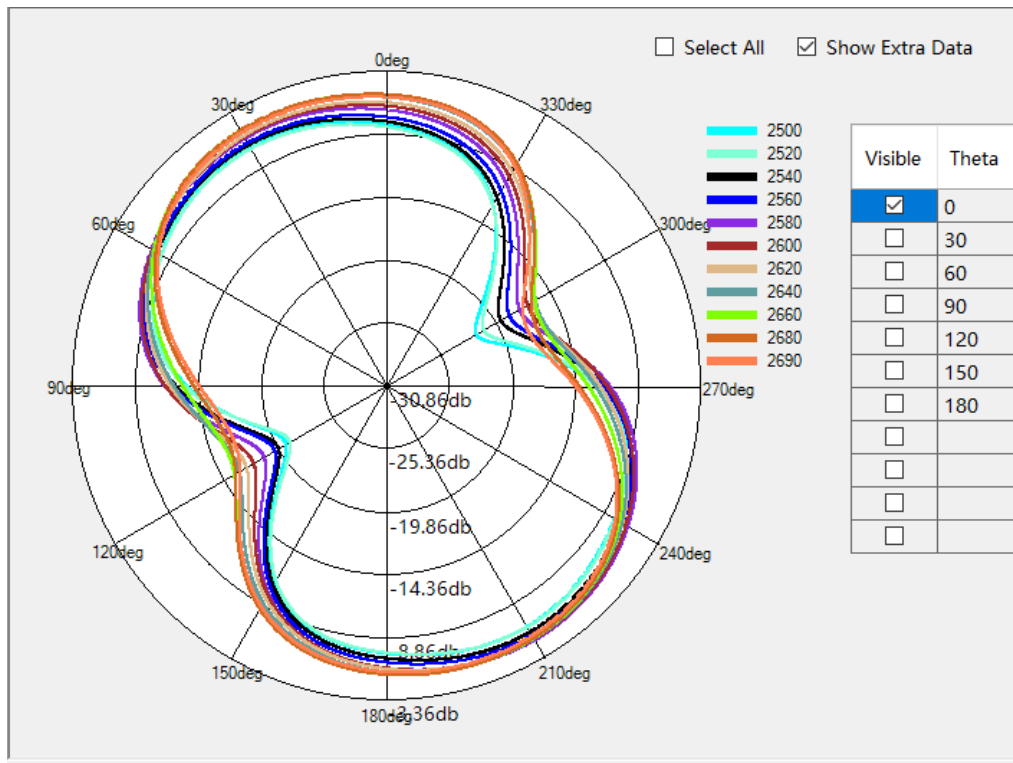
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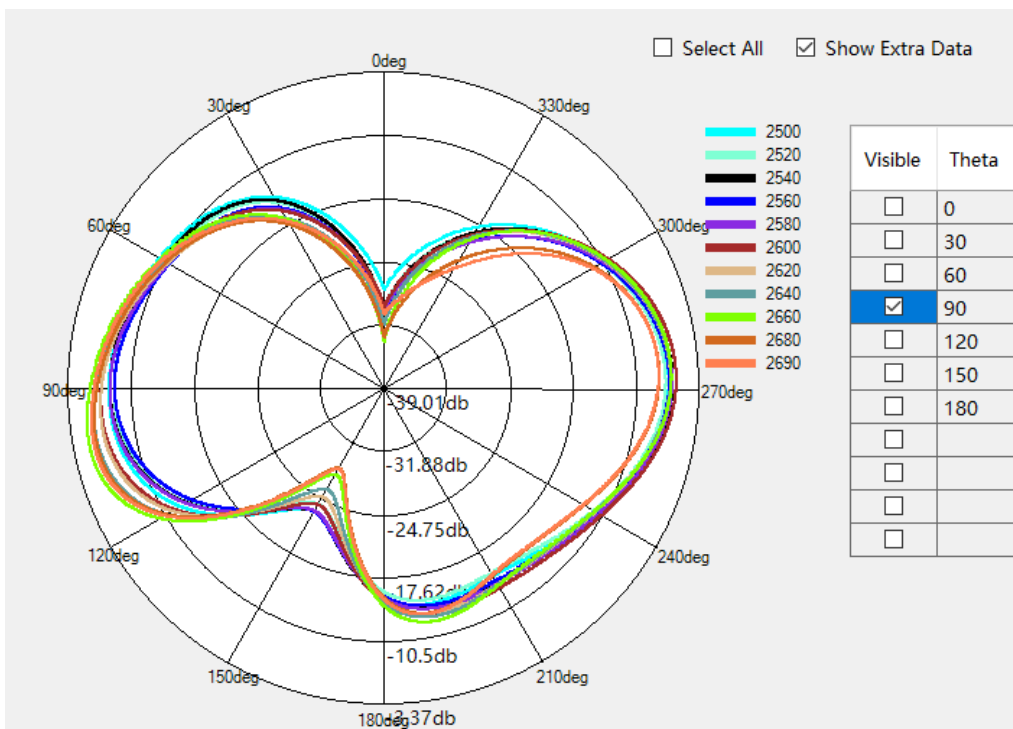




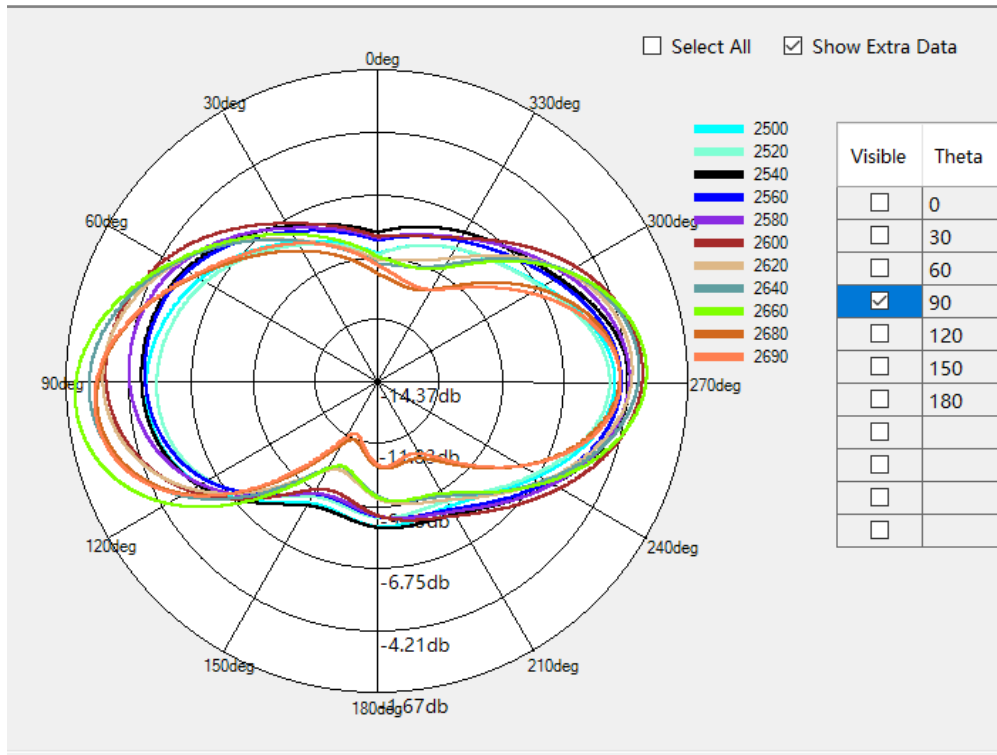




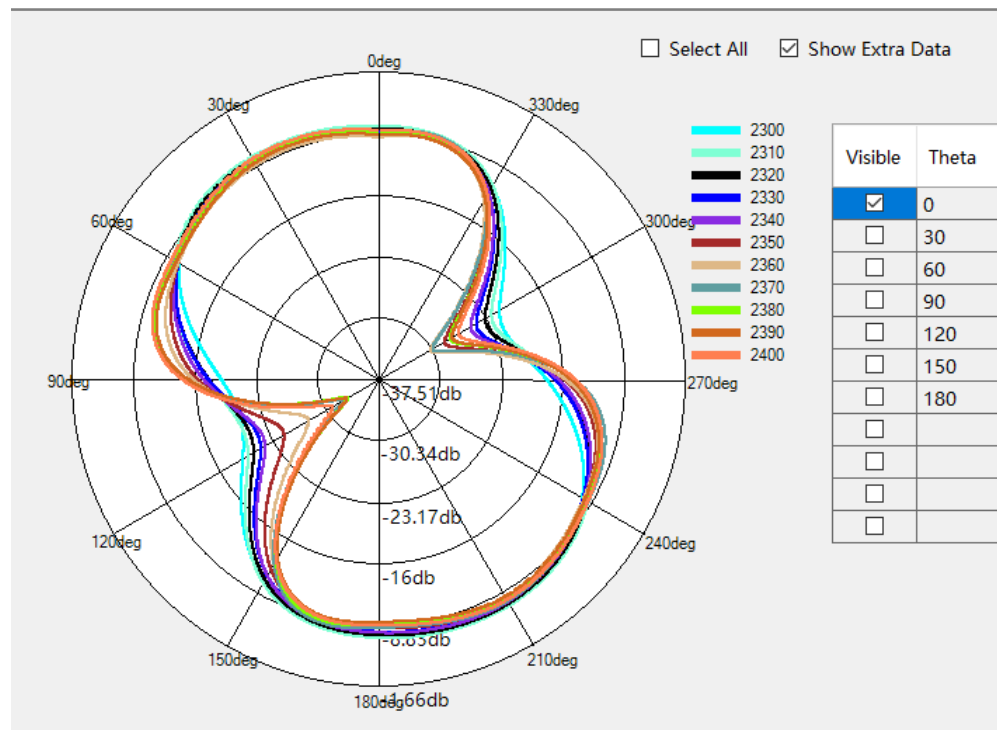
LTE B7 B38 B41 Phi=0deg



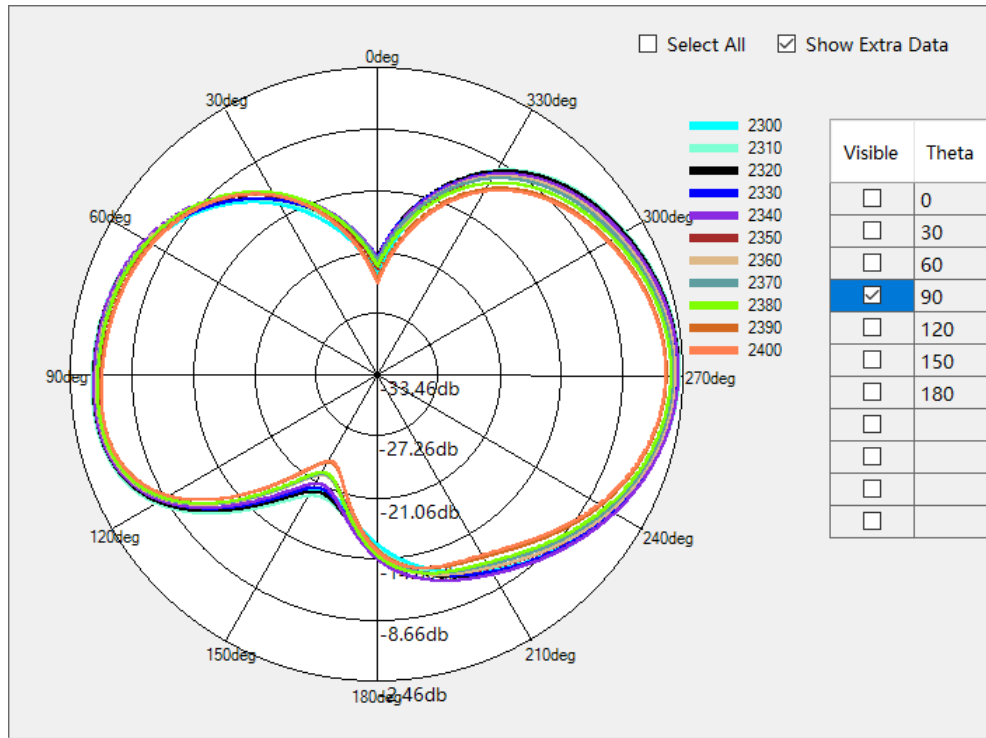
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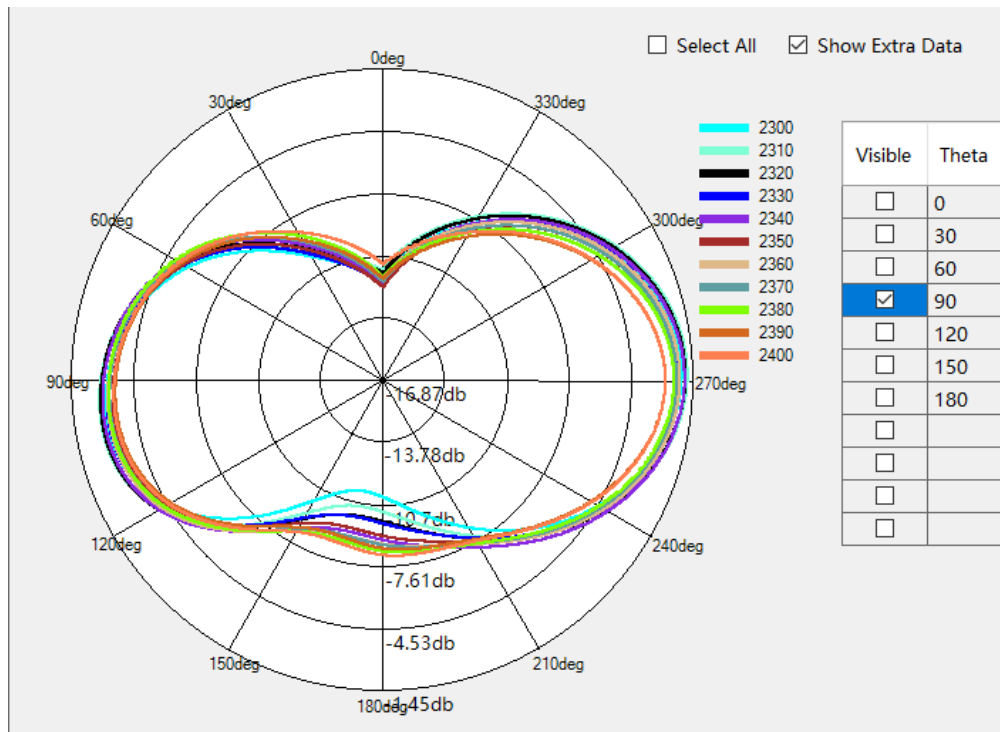
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LTE B40 Phi=0deg

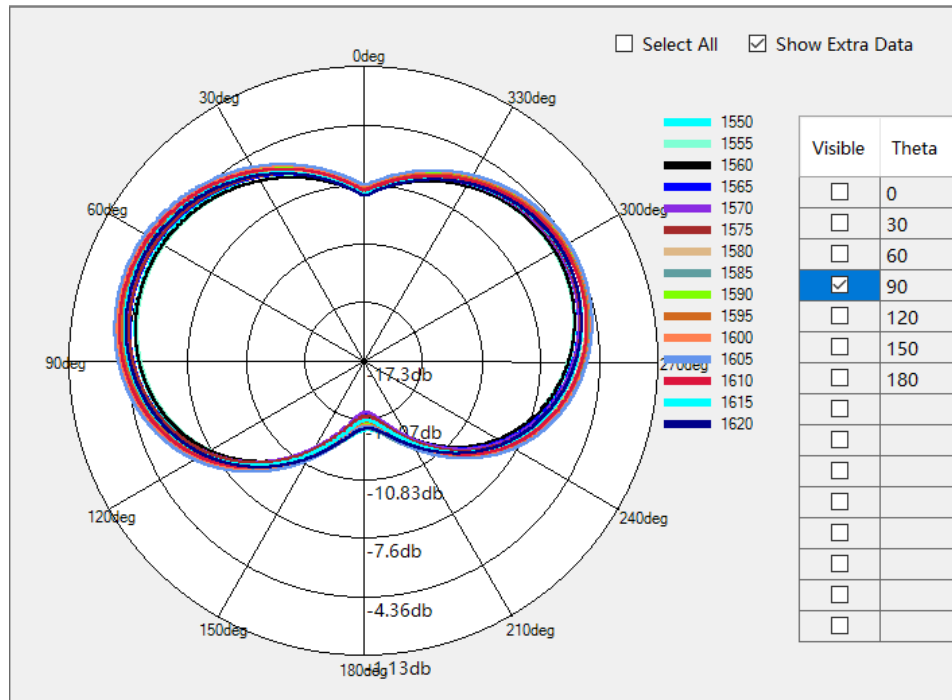


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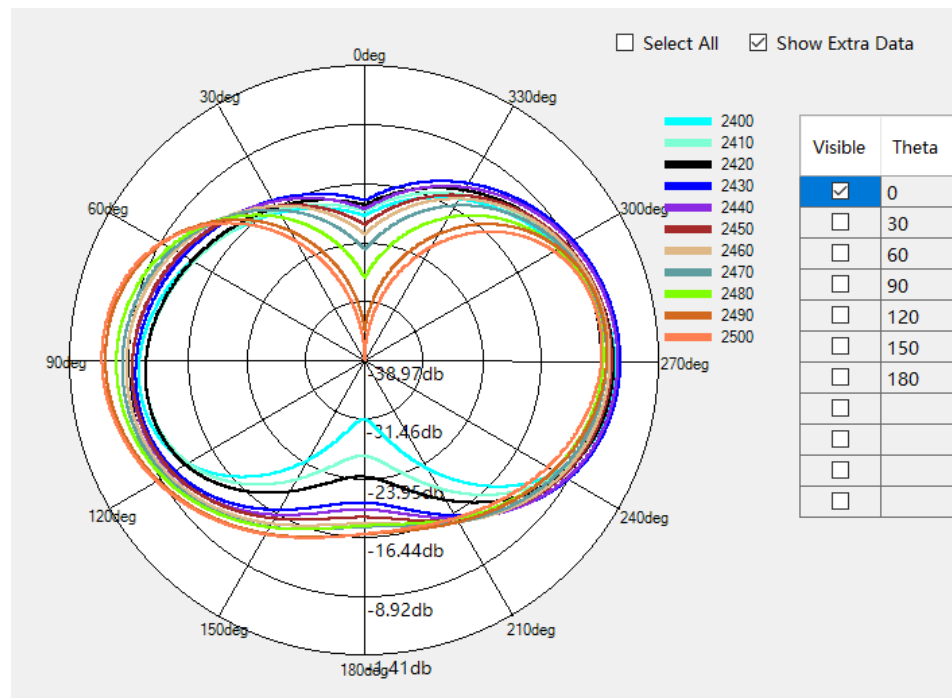
LTE B40 Theta=90deg



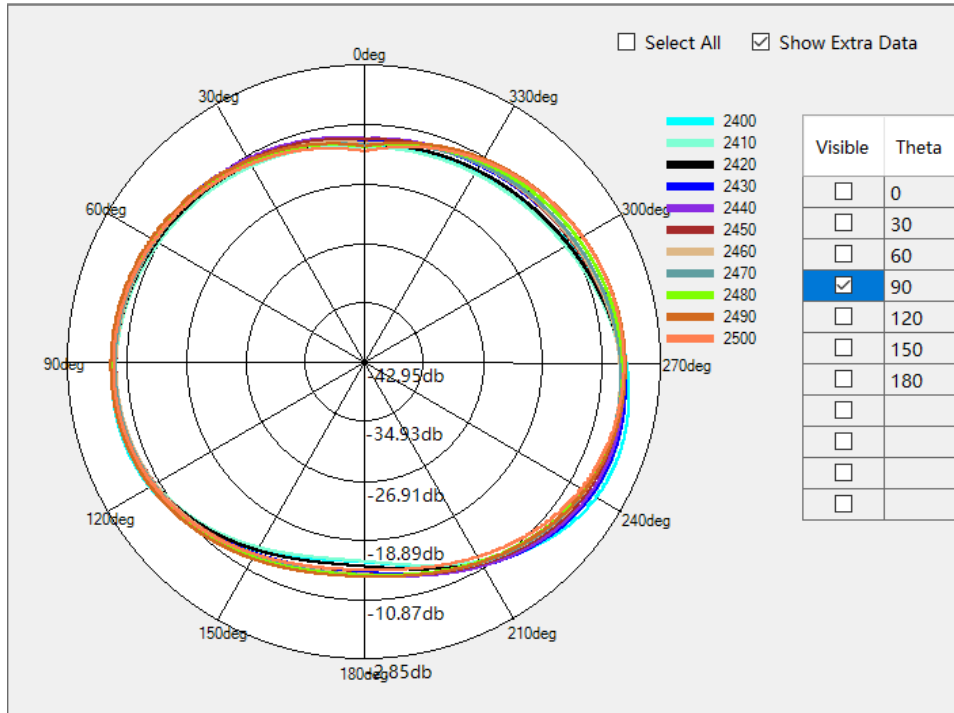


GPS Theta=90deg

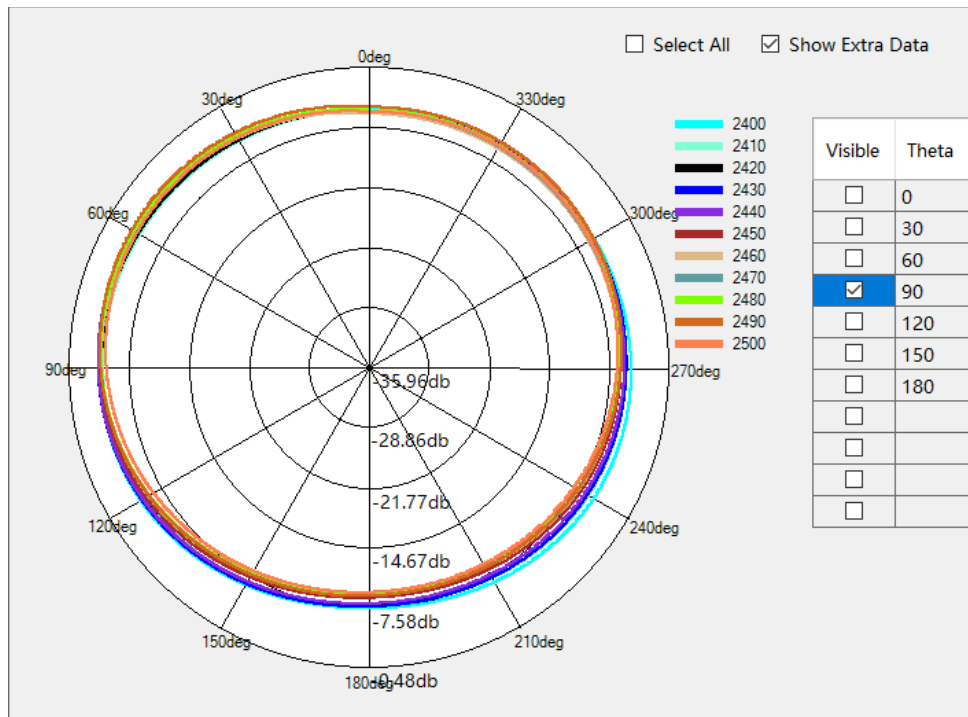
ANT12



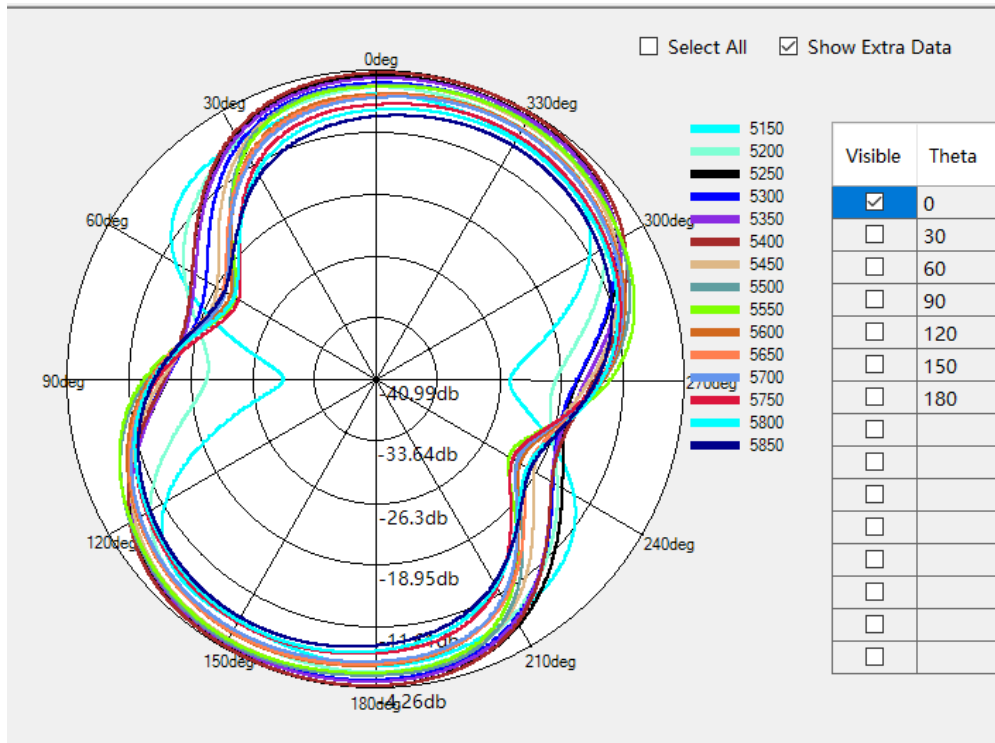
2.4G/BT Phi=0deg



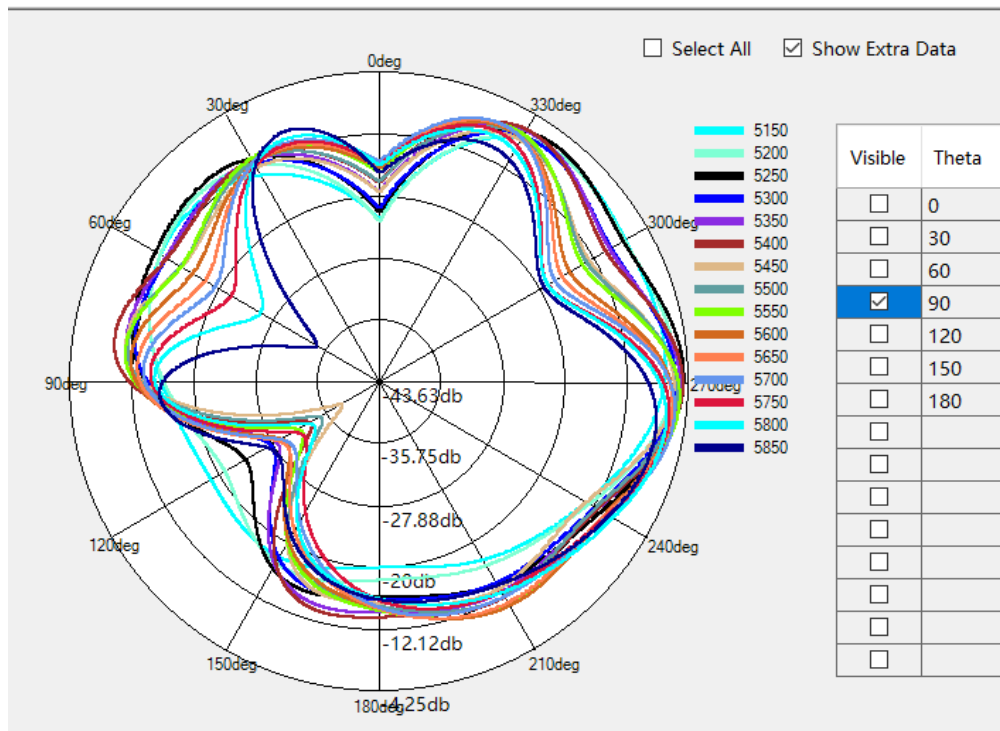
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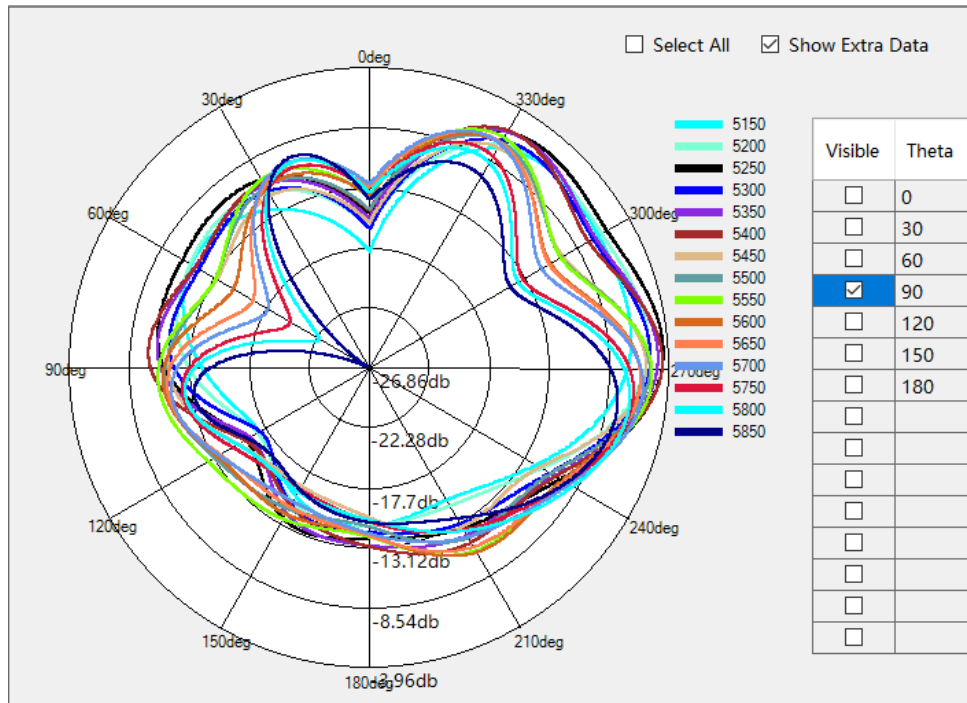
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5G Phi=0deg

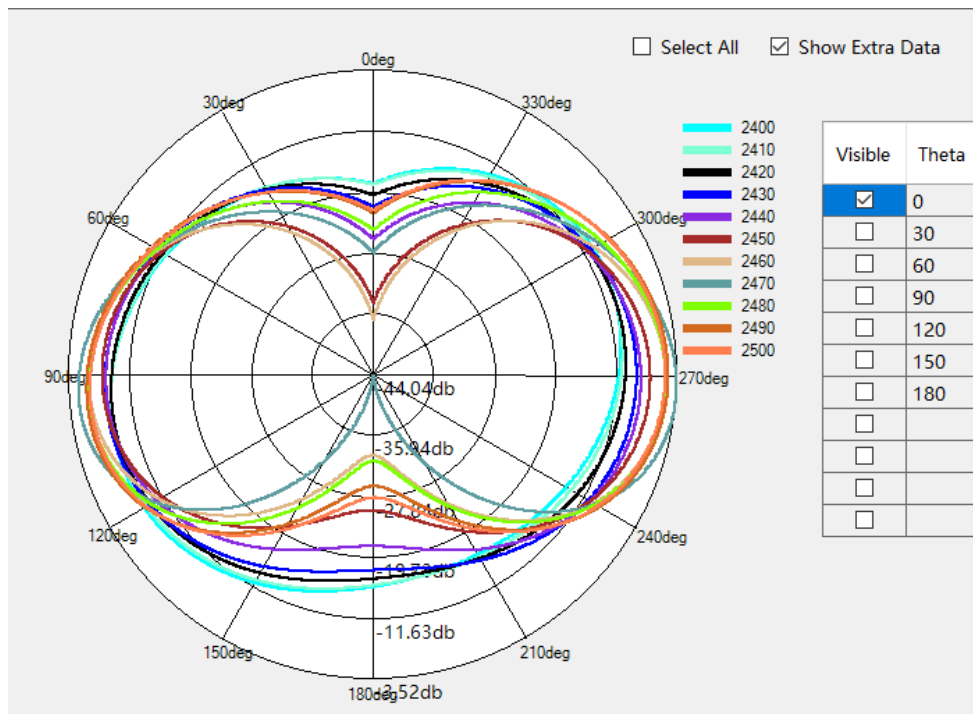


5G Phi=90deg



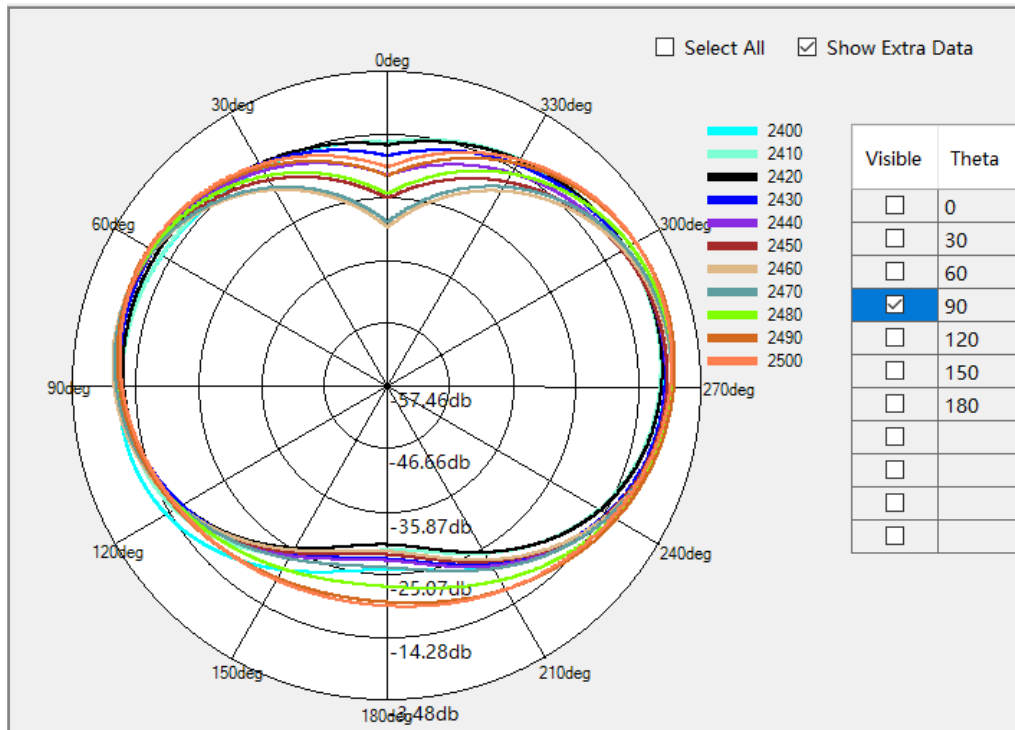
5G Theta=90deg

ANT 14

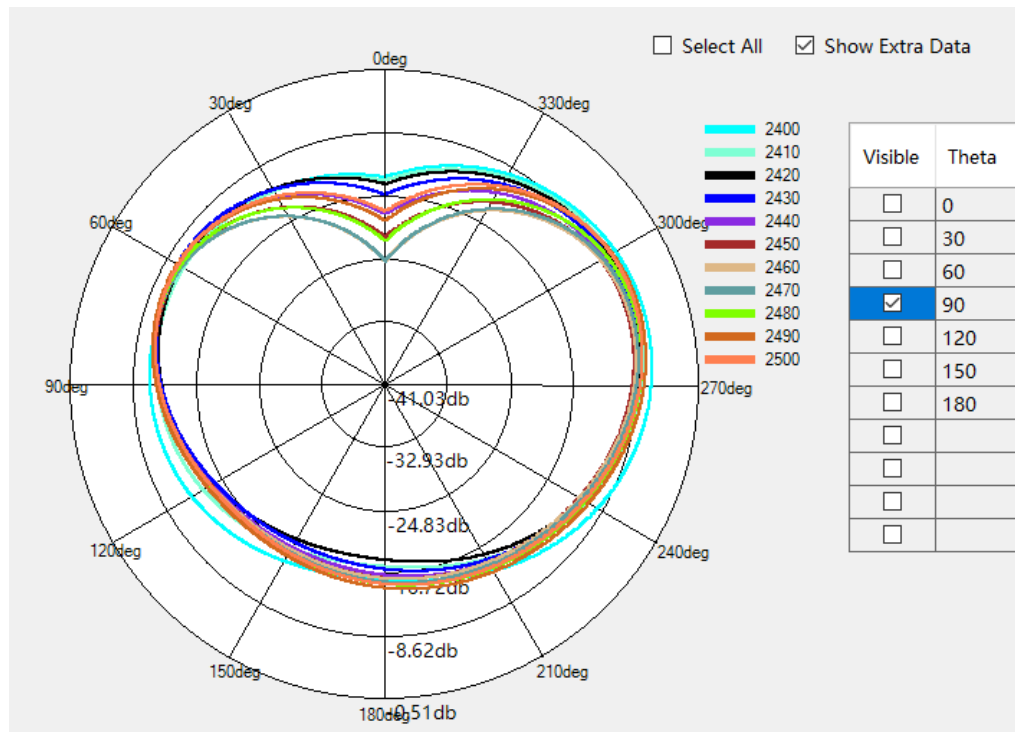


2.4G/BT Phi=0deg

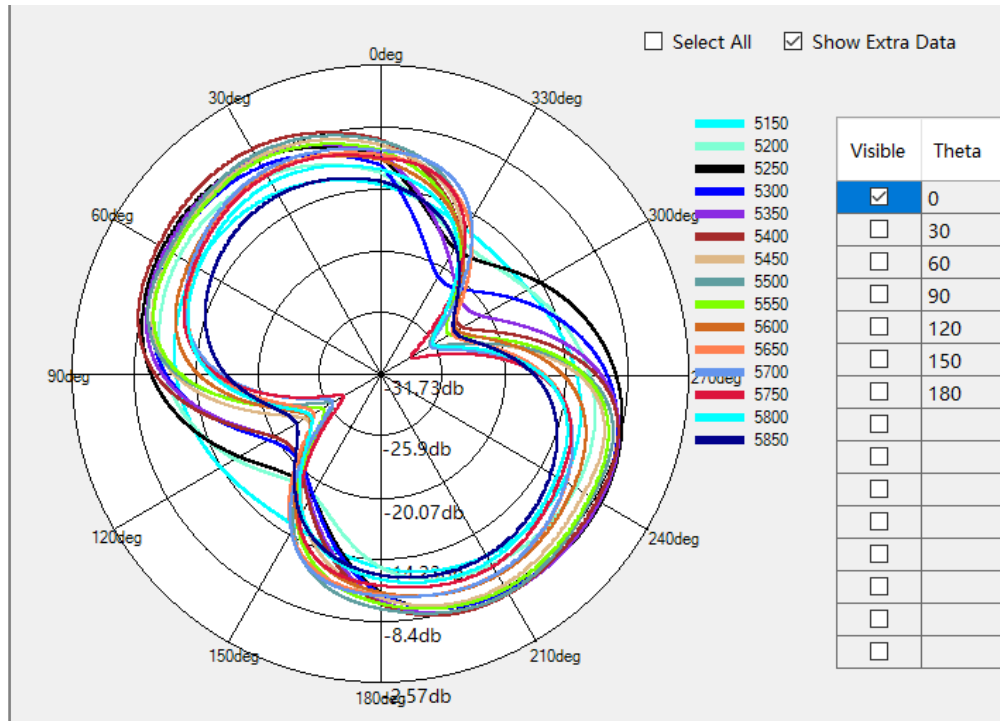




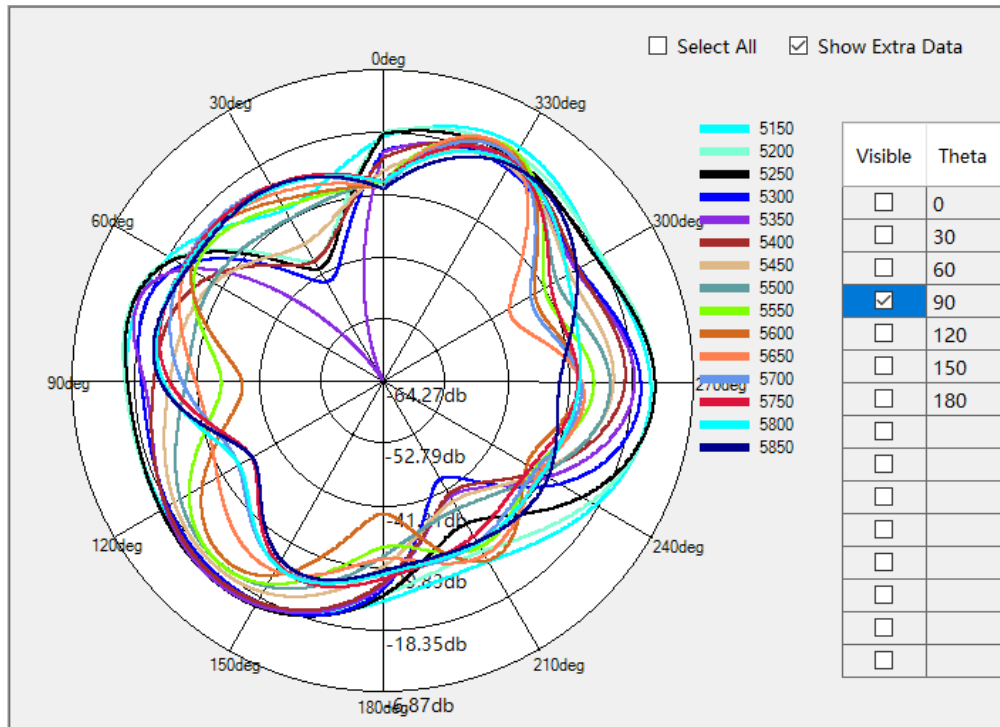
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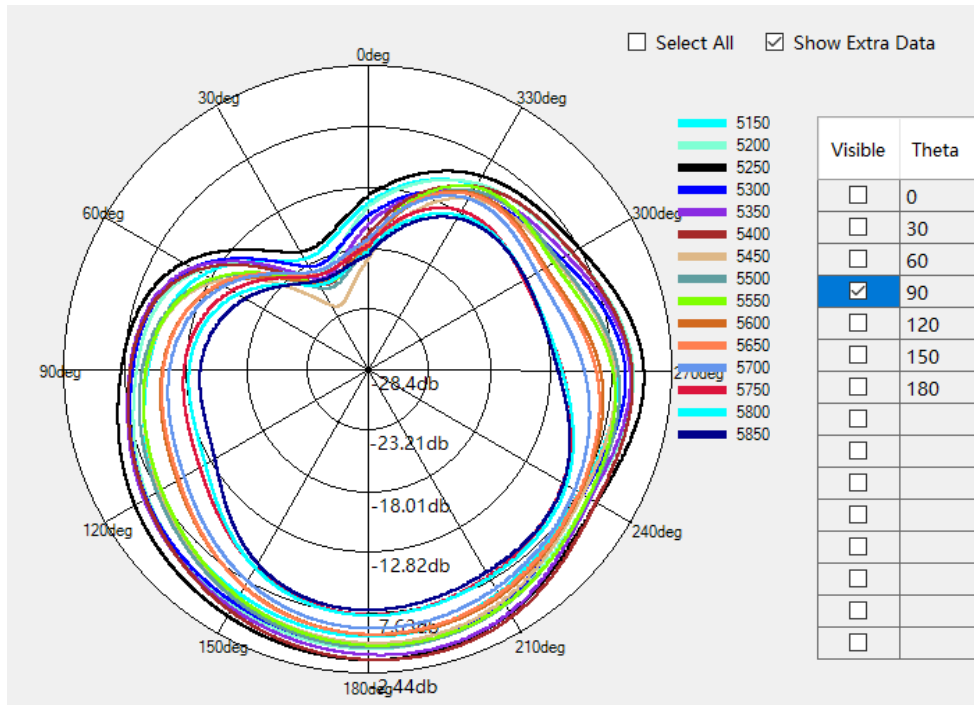
2.4G/BT Theta=90deg



5G Phi=0deg

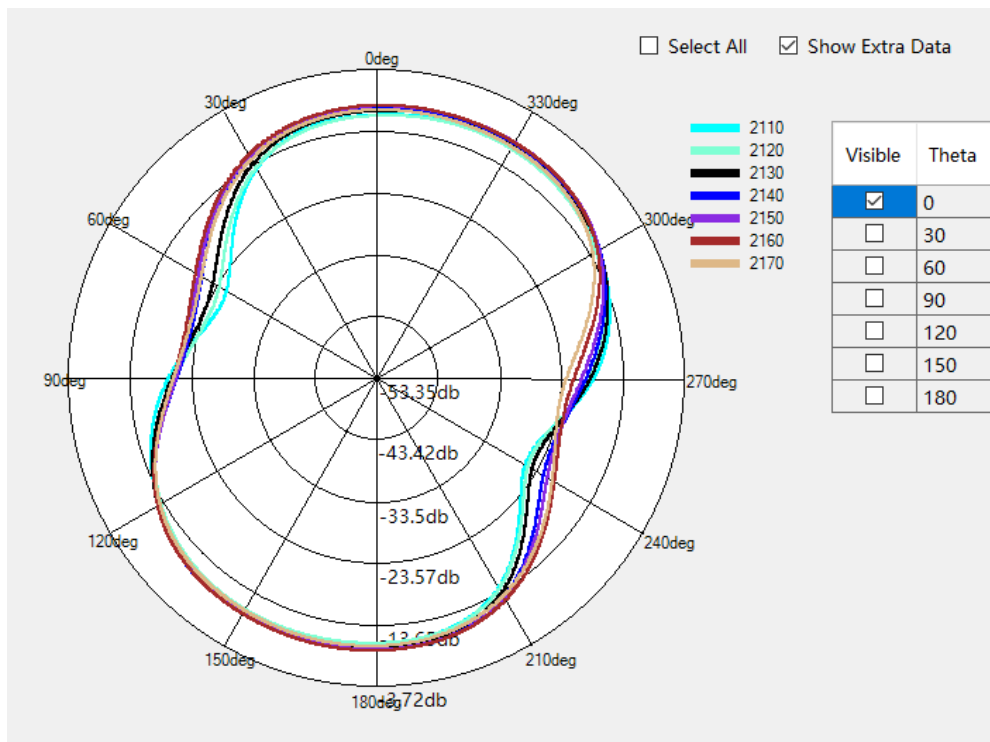


5G Phi=90deg

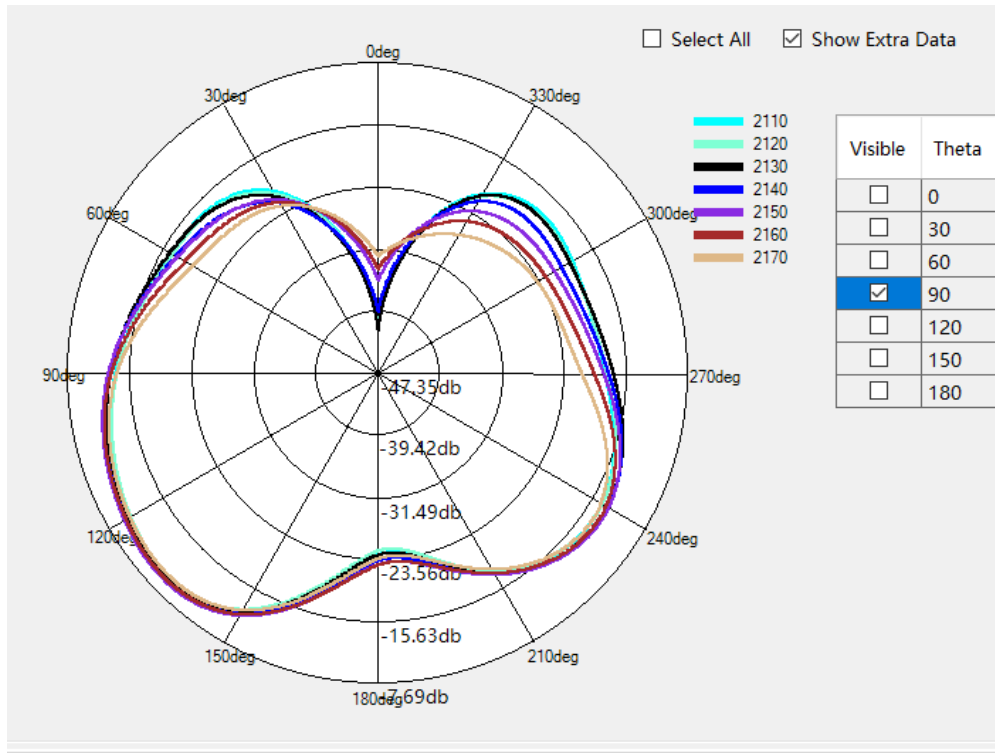


5G Theta=90deg

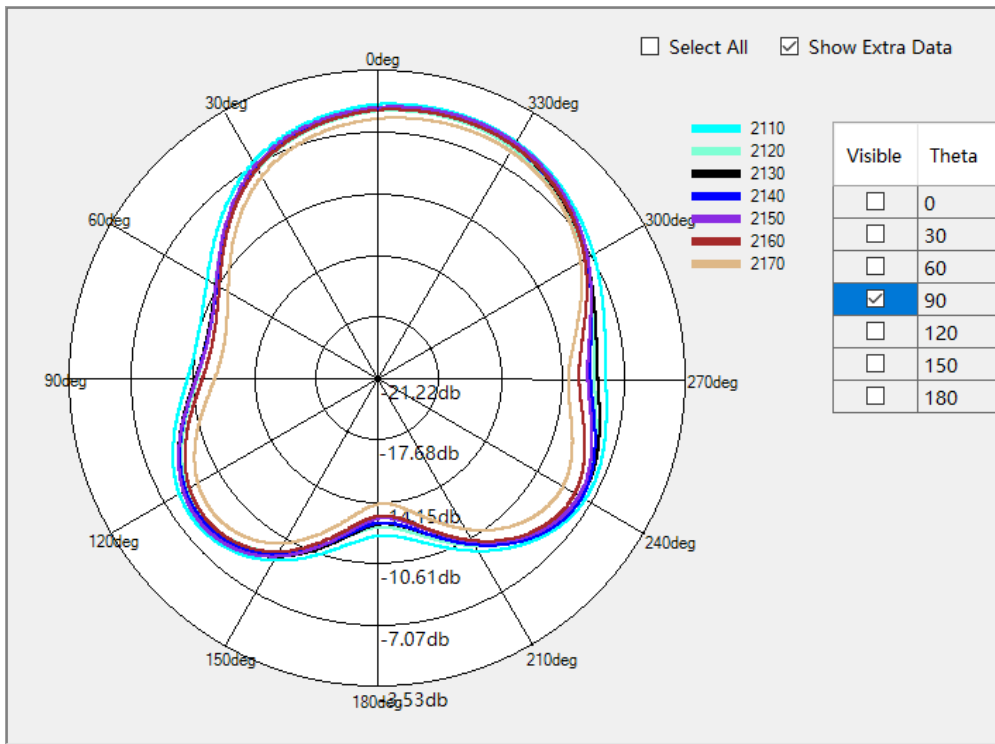
ANT 1



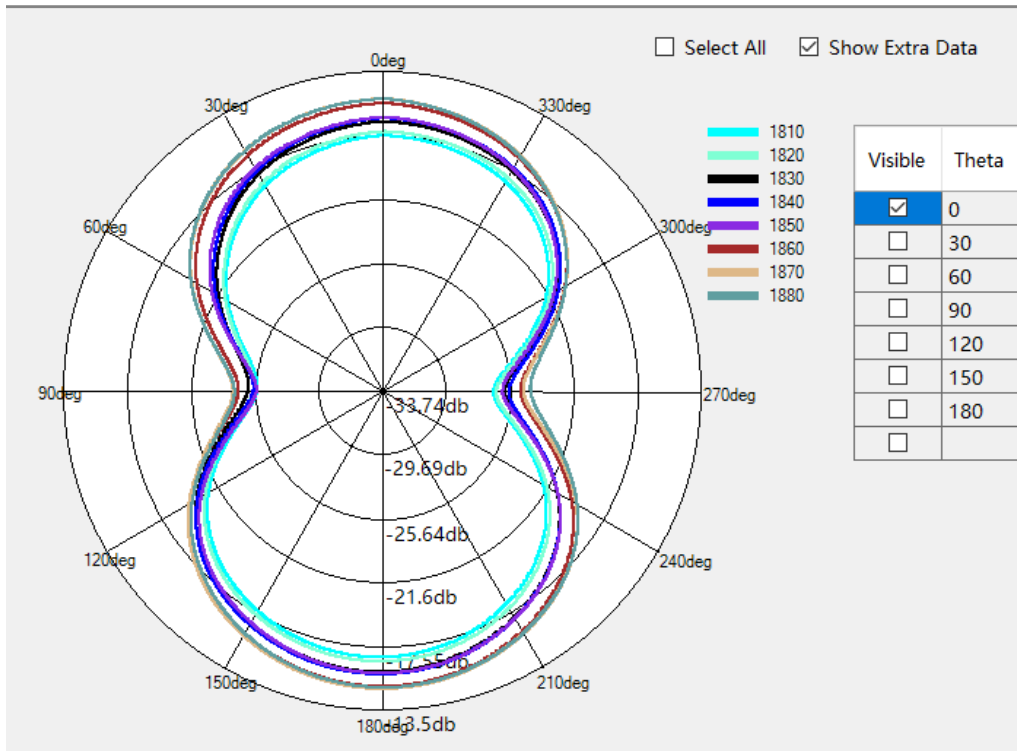
B1 Phi=0deg



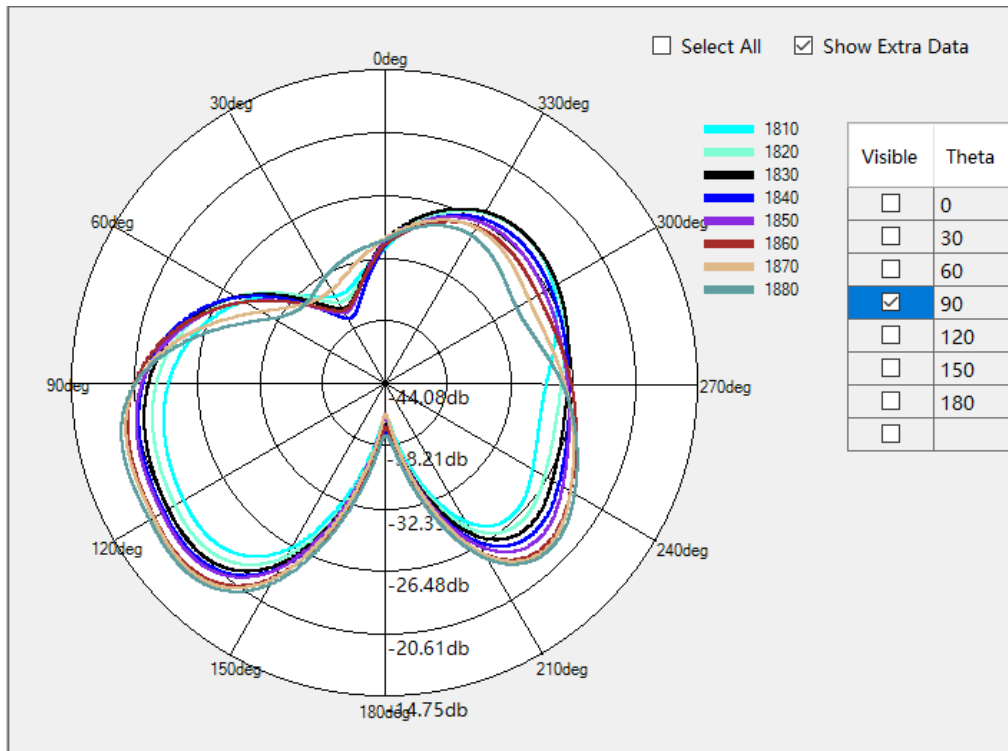
B1 Phi=90deg



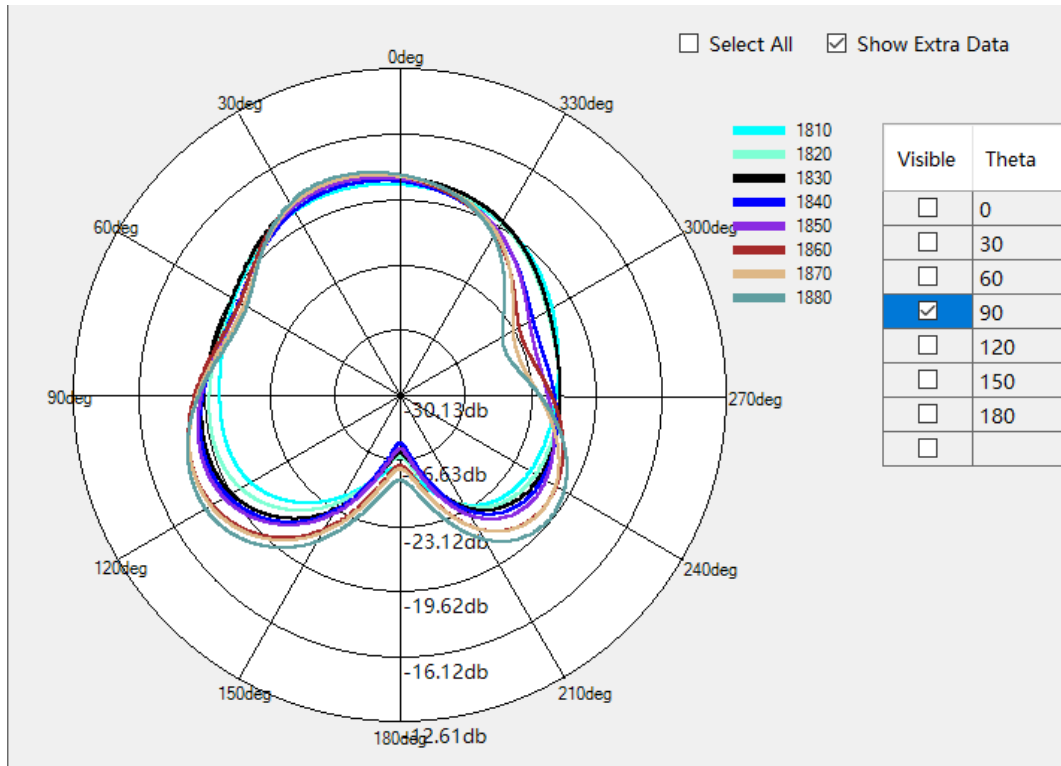
B3 Theta=90deg



B1 Phi=0deg



B3 Phi=90deg



B3 Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023/11/15