

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/B41/B42/B66/B71
- NR Mode N1/N3/N5/N7/N8/N12/N20/N28/N38/N41/N66/N71/N77/N78

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	X6730B-ANT0-HT-XX-XX X6730B-ANT1-HT-XX-XX X6730B-ANT2-HT-XX-XX X6730B-ANT3-HT-XX-XX X6730B-ANT4-HT-XX-XX X6730B-ANT5-HT-XX-XX X6730B-ANT6-HT-XX-XX X6730B-ANT12-HT-XX-XX (XX:Version-Date)

TYPE	
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Transmitter Frequency		GSM 850/WCDMA B5/LTE B5/NR n5: 824 – 849 MHz
		GSM 900/WCDMA B8/LTE B8/NR n8: 880 – 915 MHz
		DCS /WCDMA B4/LTE B3/B4/B66/NR n3/n66: 1710 – 1785 MHz
		PCS/WCDMA B2/LTE B2:1850-1910MHz
		WCDMA B1/LTE B1/NR n1:1920 – 1980MHz
		LTE B7/NR n7:2496-2565MHz
		LTE B38/B41/NR n38/n41:2565-2645MHz
		LTE B12/B17/B28/NR n12/n28:710-755MHz
		LTE B20/NR n20: 832-862MHz
		LTE B42/NR n77/n78: 3300-4200MHz
		LTE B71/NR n71:663-698MHz
Receiver Frequency		GSM 850/WCDMA B5/LTE B5/NR n5: 869 – 894 MHz
		GSM 900/WCDMA B8/LTE B8/NR n8: 925 – 960 MHz
		DCS/LTE B3/NR n3:1805–1880 MHz
		PCS/WCDMA B2/LTE B2:1930-1990MHz
		WCDMA B1/B4/LTE B1/B4/B66/NR n1/n66:2110 – 2170MHz
		LTE B7/NR n7:2620-2690MHz
		LTE B38/B41/NR n38/n41:2565-2645MHz
		LTE B12/B17/B28/NR n12/n28:758-803MHz
		LTE B20/NR n20: 796-816MHz
		LTE B71/NR n71:617-652MHz
		LTE B42/NR n77/n78: 3300-4200MHz
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5 /B7/B8/B12/B17/B20/B28/B38/B41/B42/B66/B71: 23+/- 2dBm
		NR n1/3/n5/n7/n8/n12/20/n28/n66/n71/n38/n41: 23+/-2dBm NR N77/N78:26+/-2dBm
		WCDMA B1/B2/B4/B5/B8: 23+/-2dBm
Antenna	ANT5	GSM 850/WCDMA B5/LTE B5/B20/NR N5/N20 : - 6.14
		GSM 900/WCDMA B8/LTE B8/NR N8: -5.12
		DCS /WCDMA B4/LTE B3/B4/B66/NR N3/N66:-2.95
		PCS/WCDMA B2/LTE B2:-4.31
		WCDMA B1/LTE B1/NR N1:-3.47
		LTE B7/B38/B41/NR N7/N38/N41:-4.78

Gain (dbi)		LTE B12/B17/B28/NR N12/N28:-7.07
		LTE B71/N71:-7.73
	ANT3	LTE B1/NR N1:-6.43
		LTE B3/B4/B66/NR N3/N66:-6.67
		LTE B7/B38/B41/NR N7/N38/N41:-3.85
	ANT1	NR n77/n78:-1.64 LTE B42:-2.25
	ANT4	NR n77/n78:-1.23 LTE B42:-0.21
	ANT0	NR n77/n78:-4.32 LTE B42:-3.09
	ANT6	NR n77/n78:-5.68 LTE B42:-7.22 WIFI 5G:-0.45
	ANT12	GPS:-1.06 WIFI 2.4G:-0.61
	ANT2	DCS/WCDMA B4/LTE B3/B4/B66/NR N3/N66:-3.43
		PCS/WCDMA B2/LTE B2:-3.43
		WCDMA B1/LTE B1/NR N1:-3.2
		LTE B7/B38/B41/NR N7/N38/N41:-3.3
		GSM850/WCDMA B5/LTE B5/B20/NR N5/N20 :-7.61
		GSM900/WCDMA B8/LTE B8/NR N8:-6.66
		LTE B12/B17/B28/NR N12/N28:-7.42
		LTE B71/N71:-8.3
Type of Modulation		

Antenna type

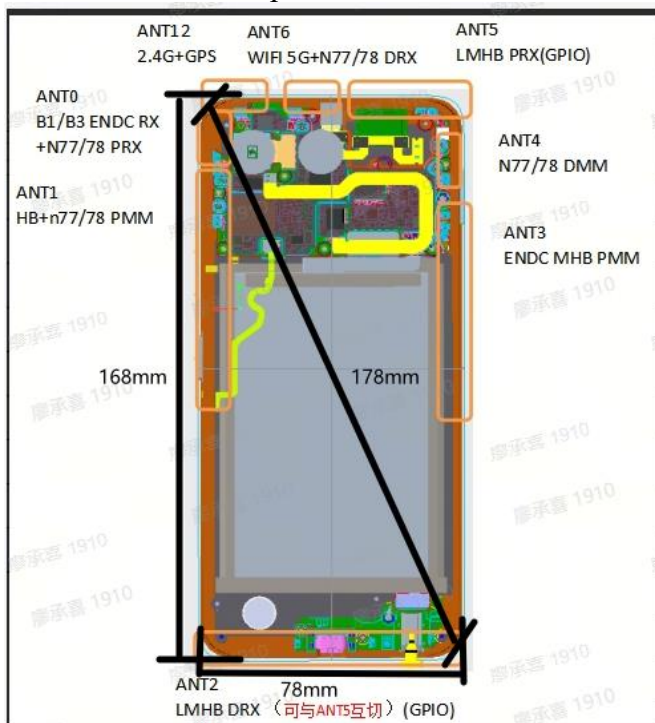
RF Internal Antenna

NFC Internal Antenna

NFC Dimensions

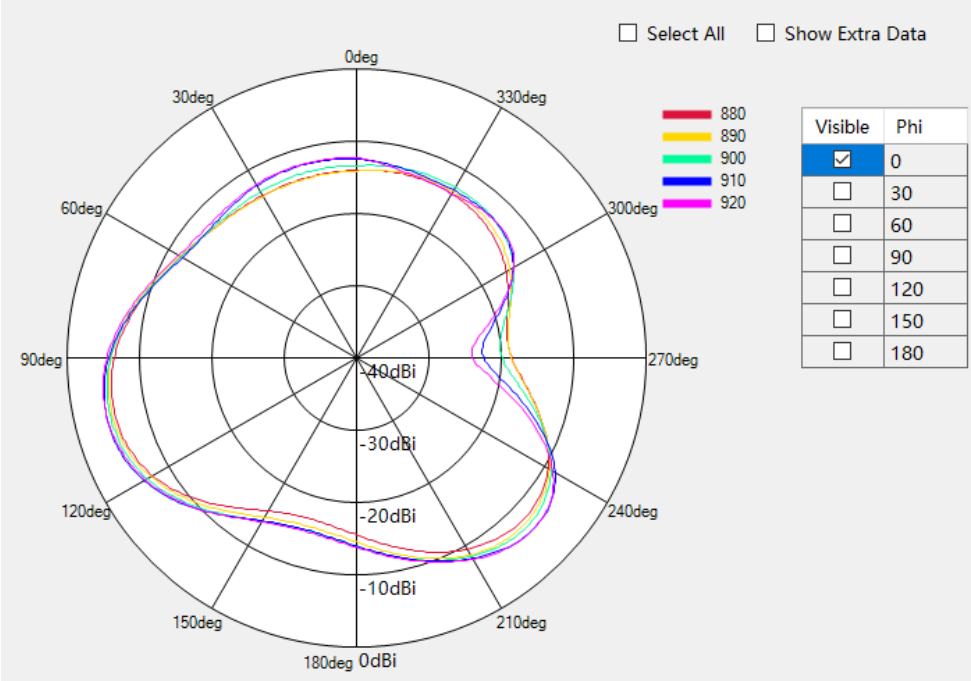


Antenna location map

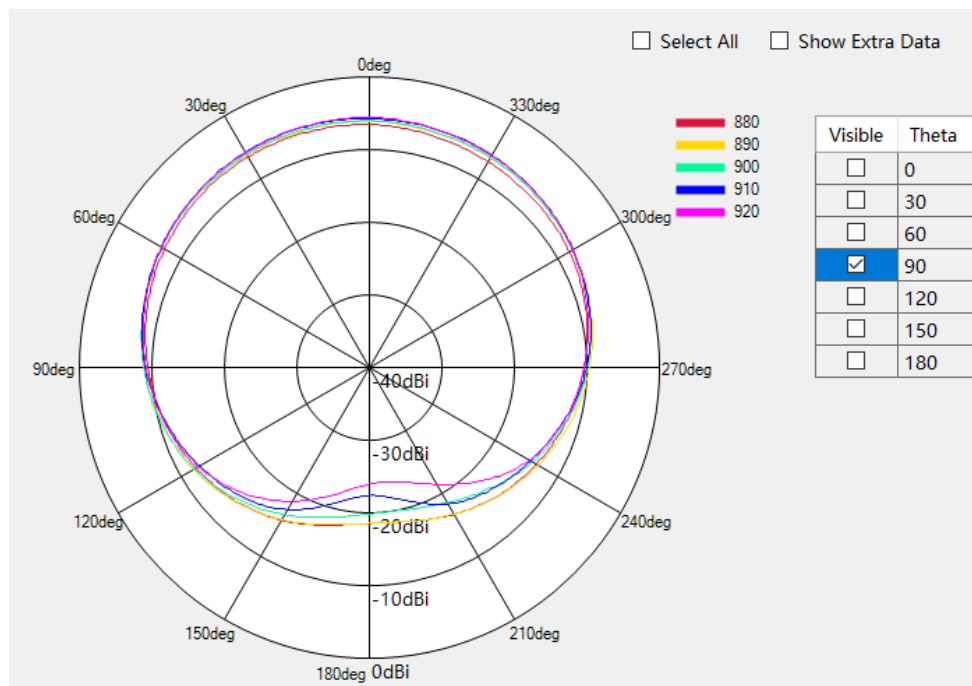
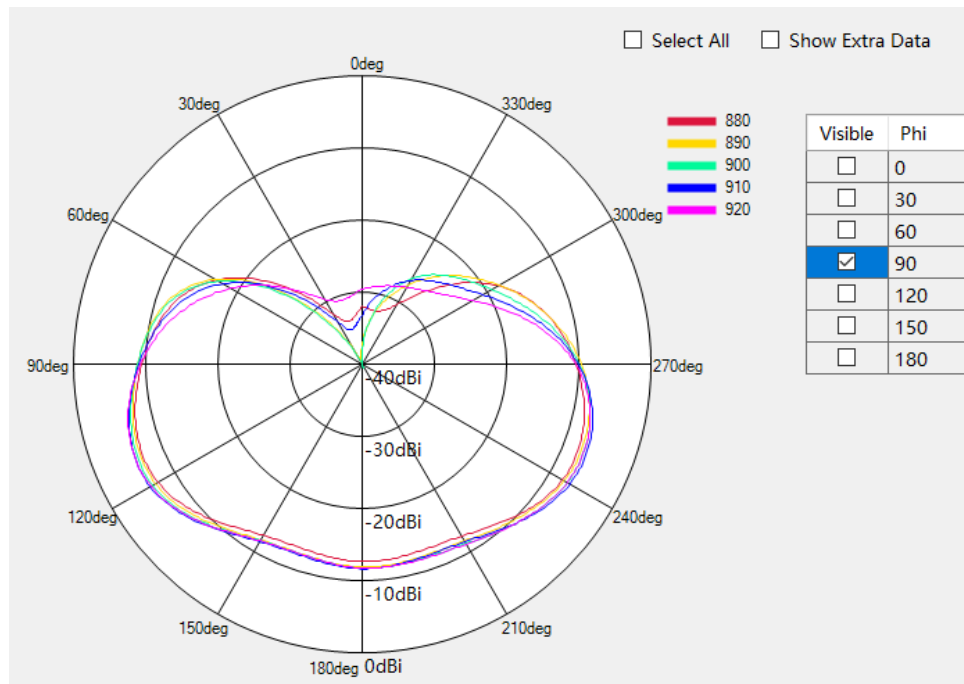


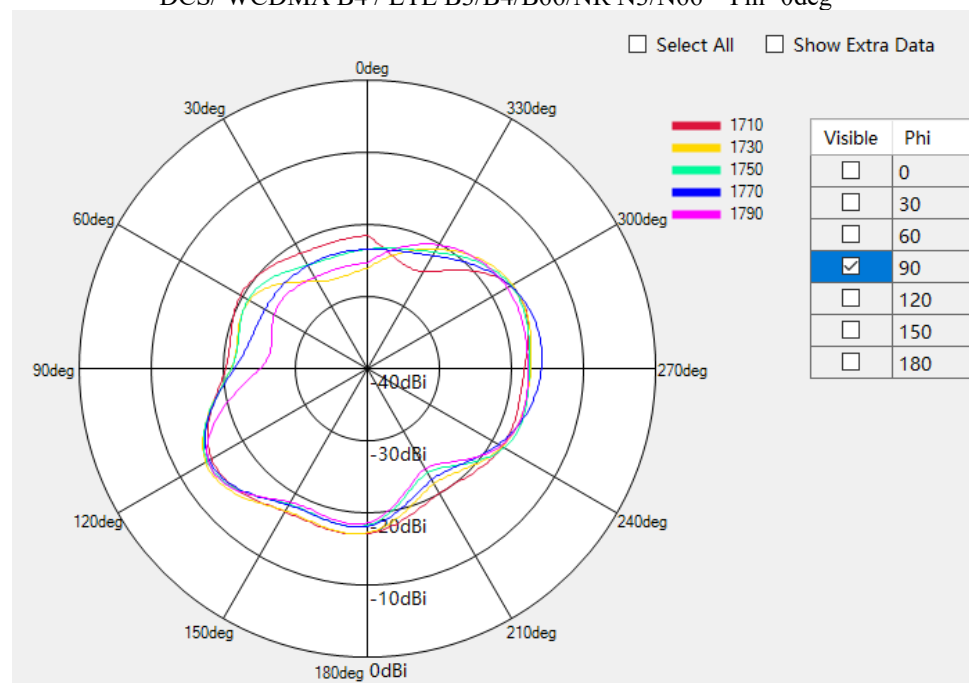
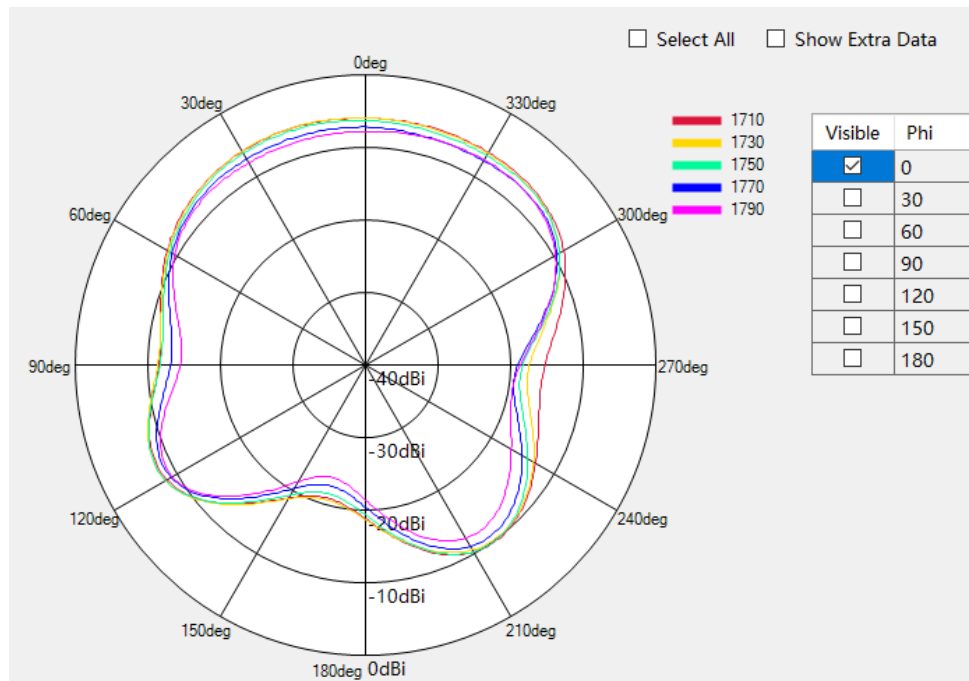
Antenna	Support Band
Ant 0	LTE B1/B3/B4/B66/B42 NR N1/N3/N66/N77/N78
Ant 1	LTE B7/B38/B41/B42 NR N7/N38/N41/N77/N78
Ant 2	GSM 850/900/DCS/PCS WCDMA BAND1/ BAND2/BAND4/BAND5/ BAND8 LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B41/B66/B71 NR N1/N3/N5/N7/N8/N12/N20/N28/N38/N41/N66/N71
Ant 3	LTE B1/B3/B4/B66/B7/B38/B41 NR N1/N3/N66/N7/N38/N41
Ant 4	LTE B42 NR N77/78
Ant 5	GSM 850/900/DCS/PCS WCDMA BAND1/ BAND2/BAND4/BAND5/ BAND8 LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B41/B66/B71 NR N1/N3/N5/N7/N8/ N12/N20/N28/N38/N41/N66/N71
Ant 6	LTE B42 NR N77/78 WIFI 5G
Ant 12	WIFI 2.4G +GPS L1

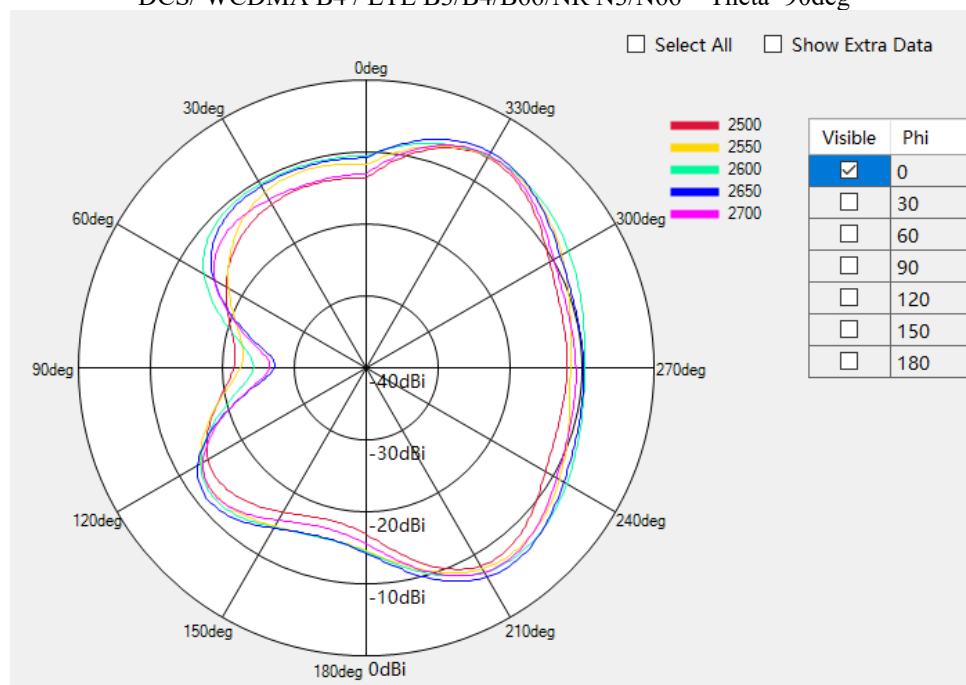
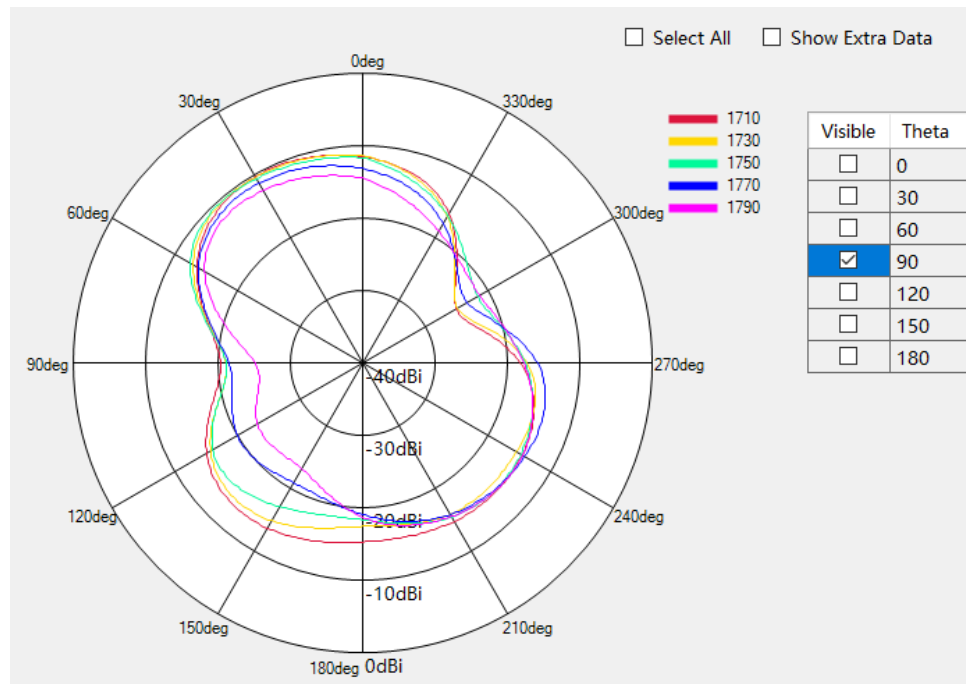
※ Antenna Gain
ANT5

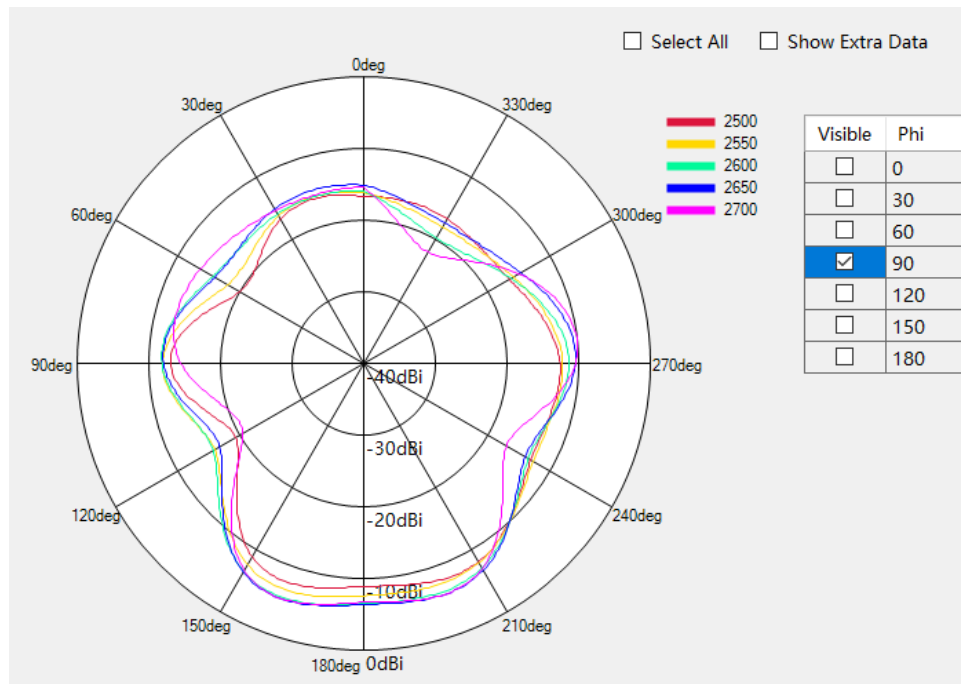


GSM900 / WCDMA B8 / LTE B8/NR N8 Phi=0deg

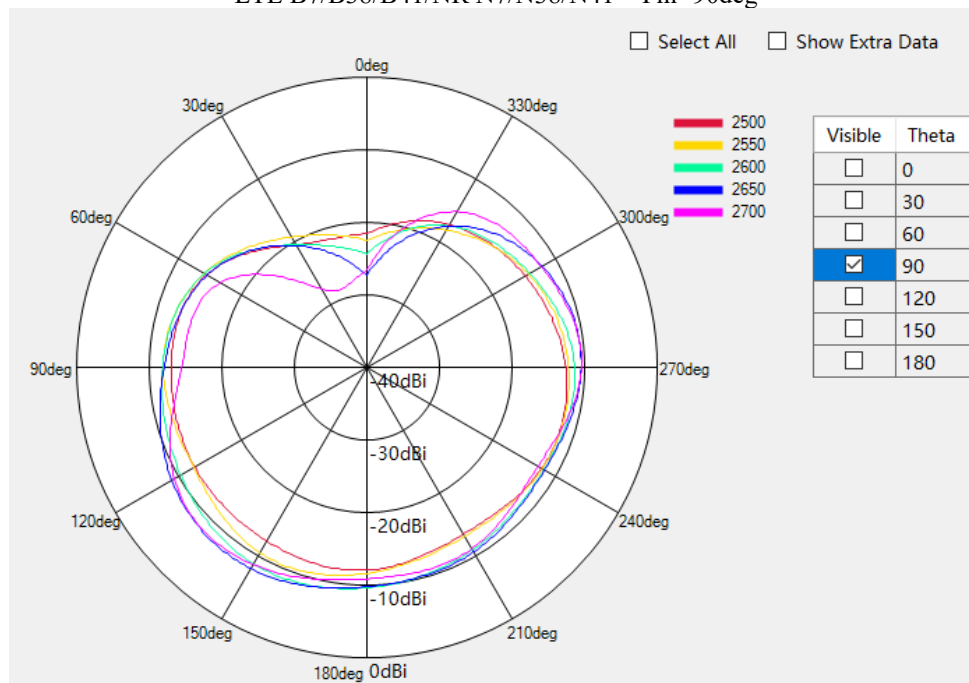




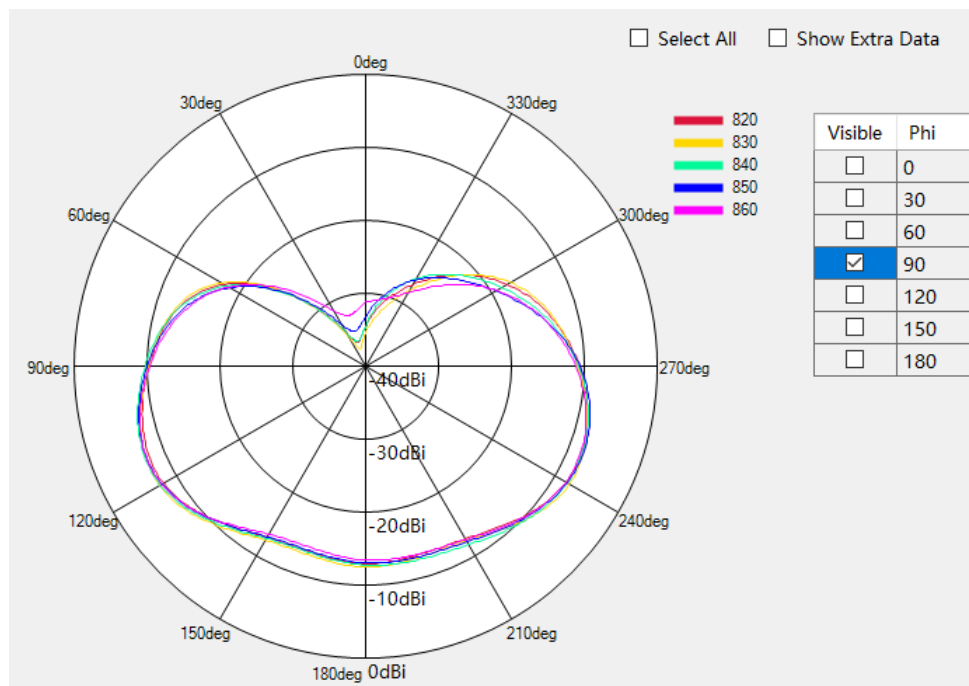
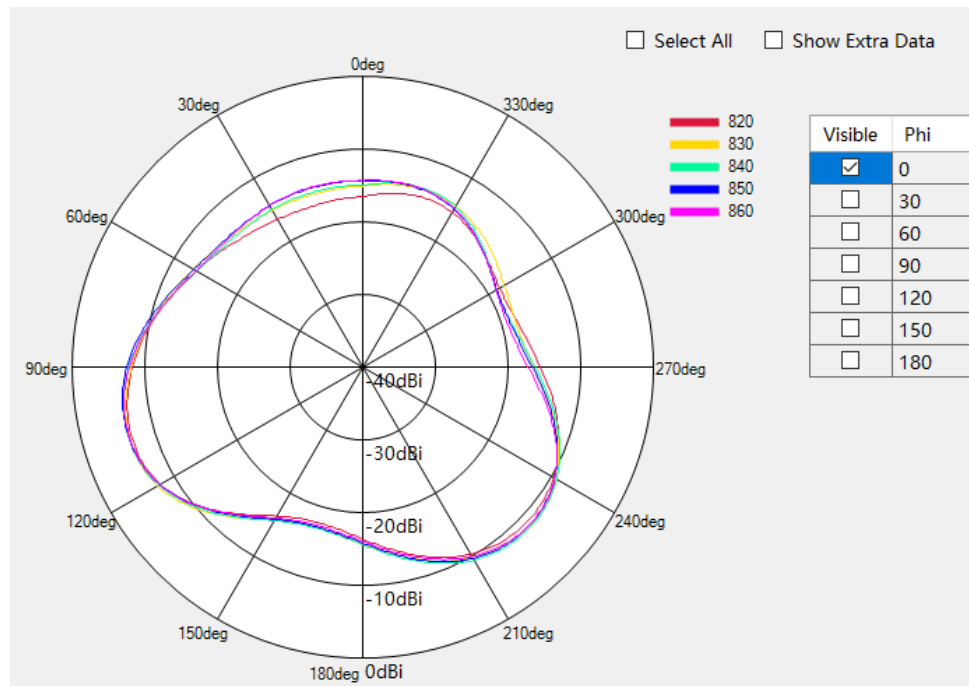


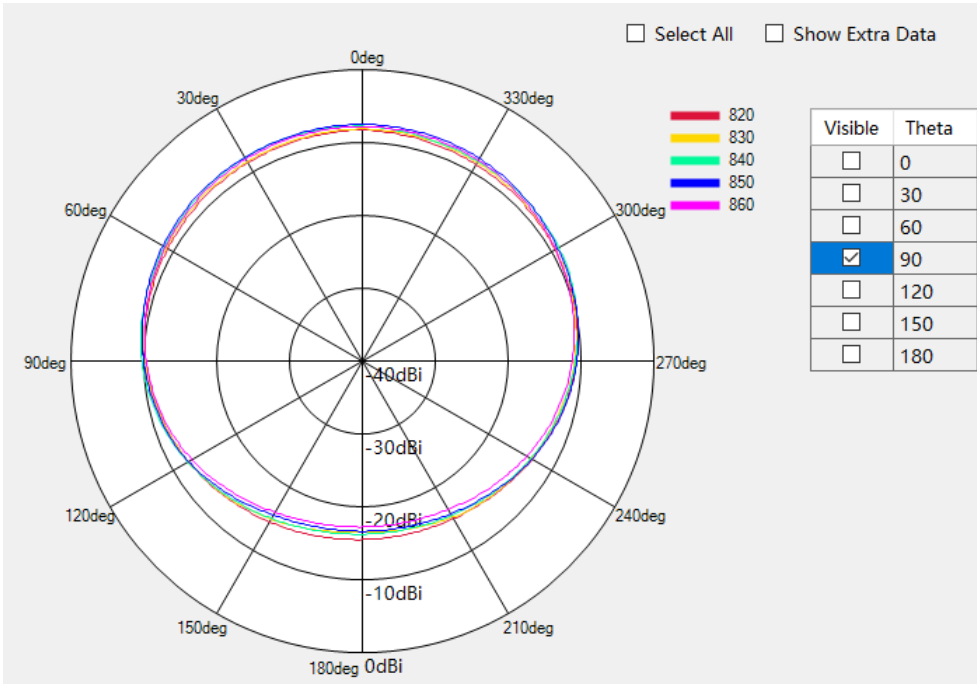


LTE B7/B38/B41/NR N7/N38/N41 Phi=90deg

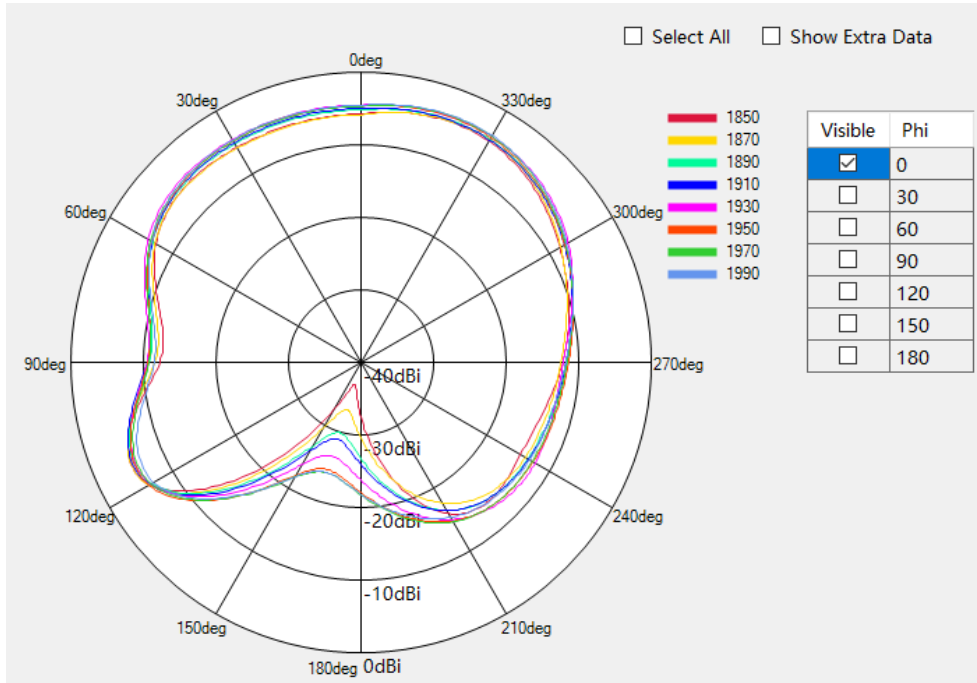


LTE B7/B38/B41/NR N7/N38/N41 Theta=90deg

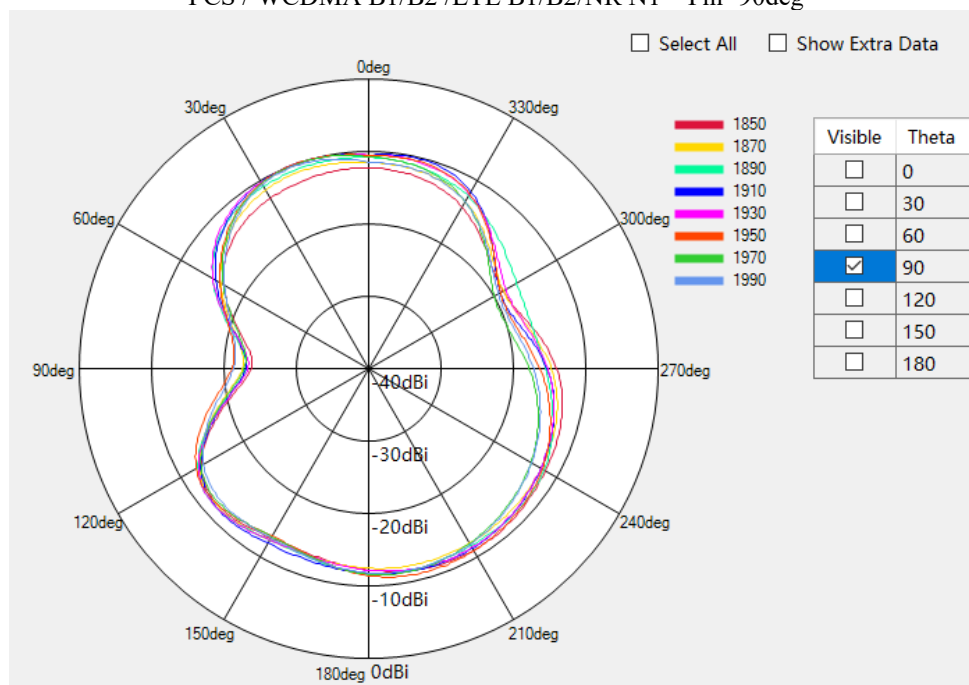
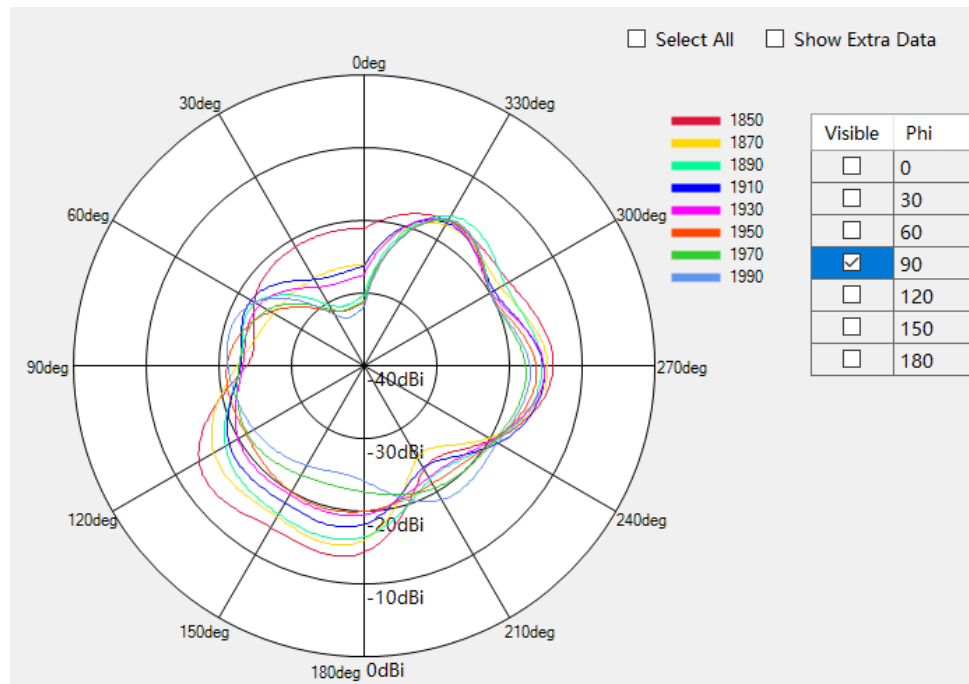


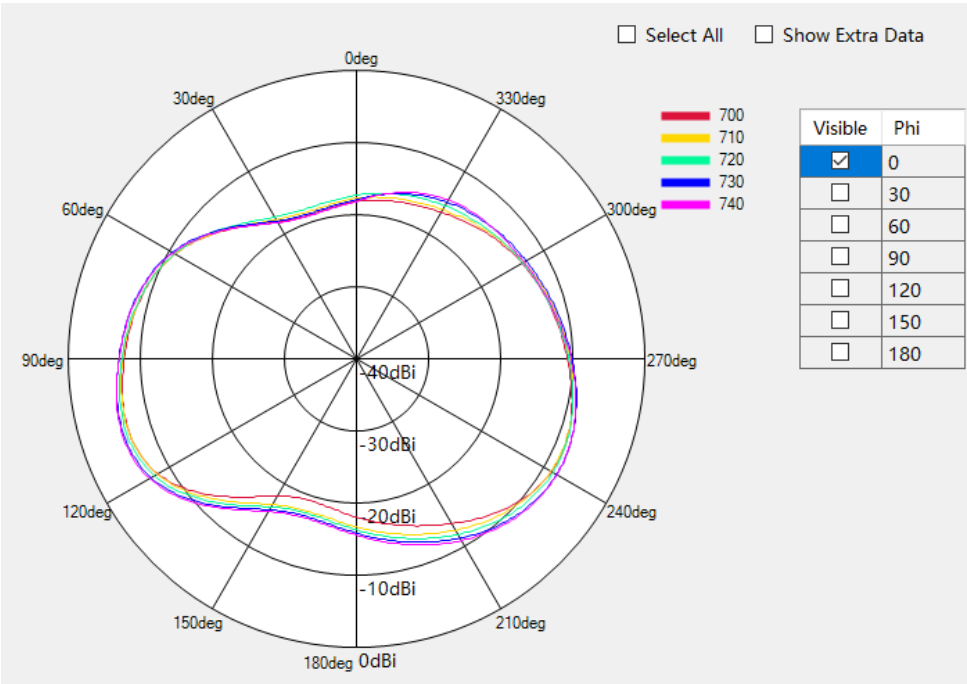


GSM850/WCDMA B5/LTE B5/B20/NR N5/N20 Theta=90deg

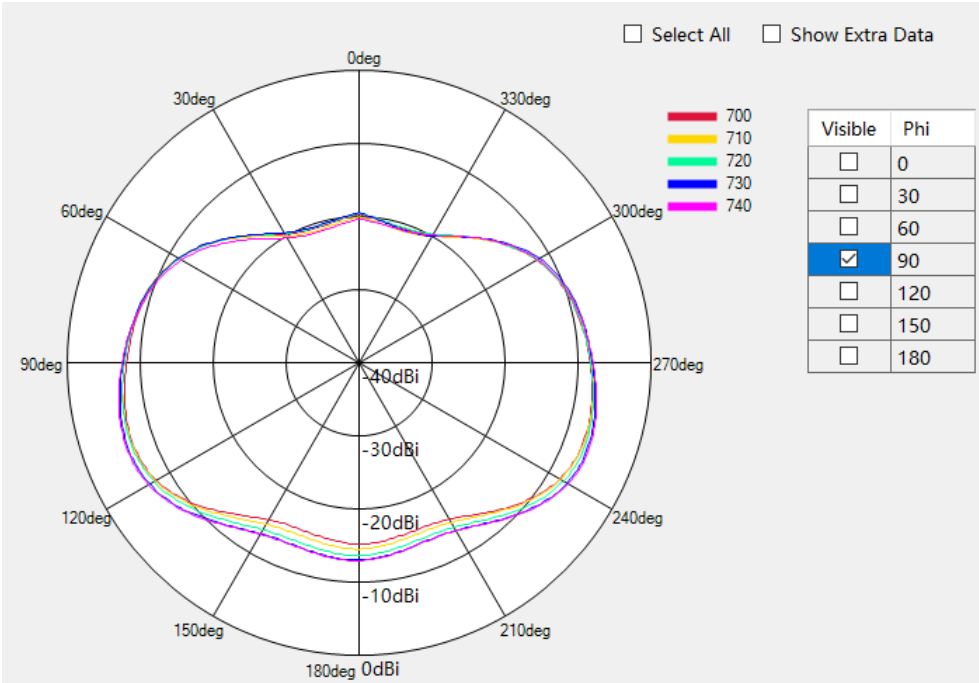


PCS / WCDMA B1/B2 /LTE B1/B2/NR N1 Phi=0deg

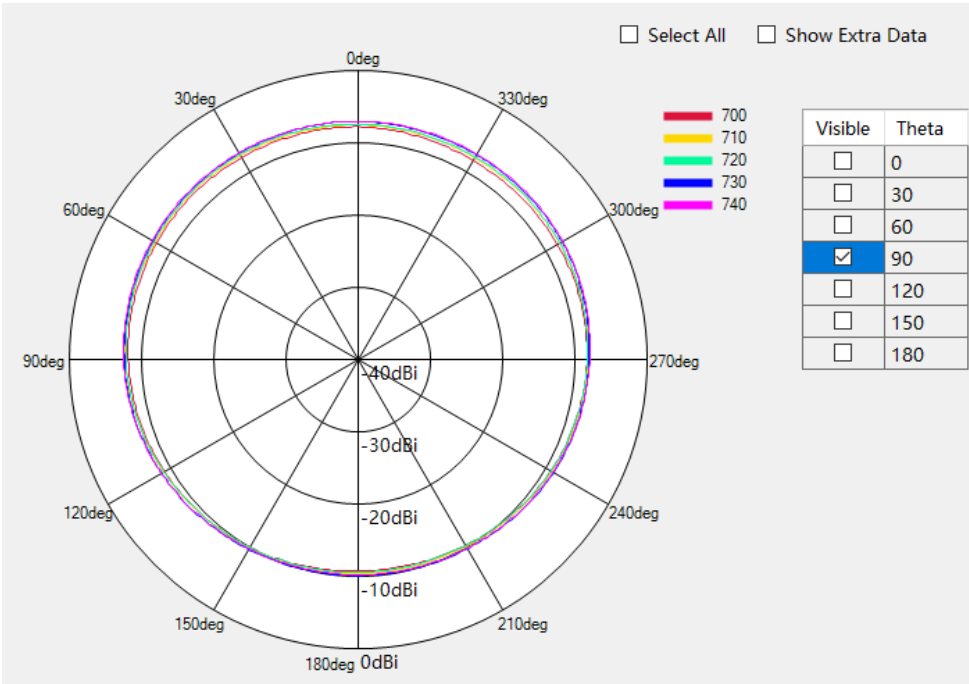




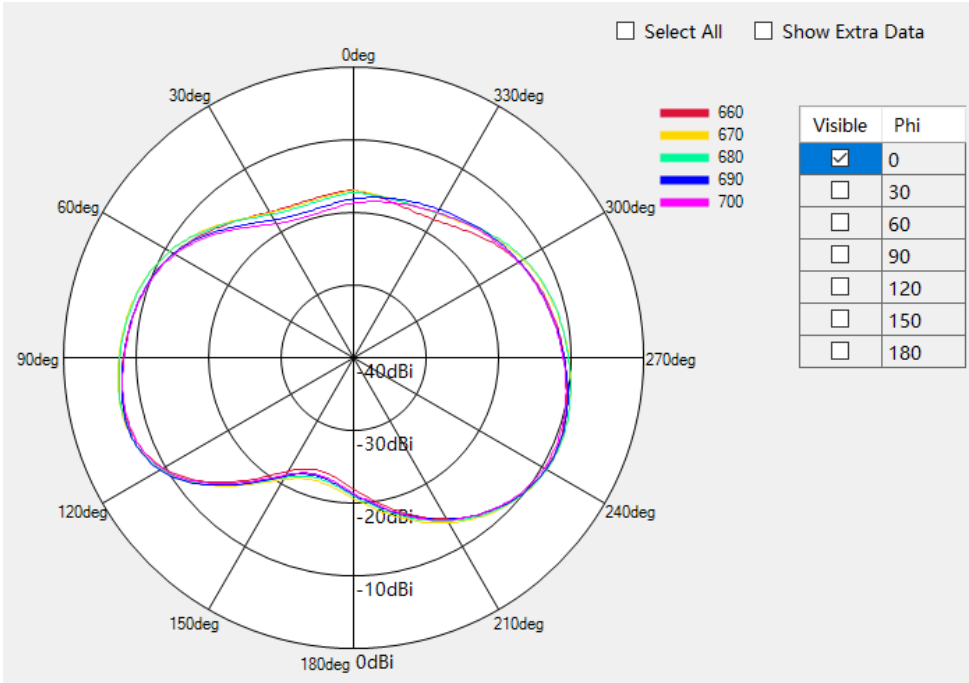
LTE B12/B17/B28/NR N12/N28 Phi=0deg



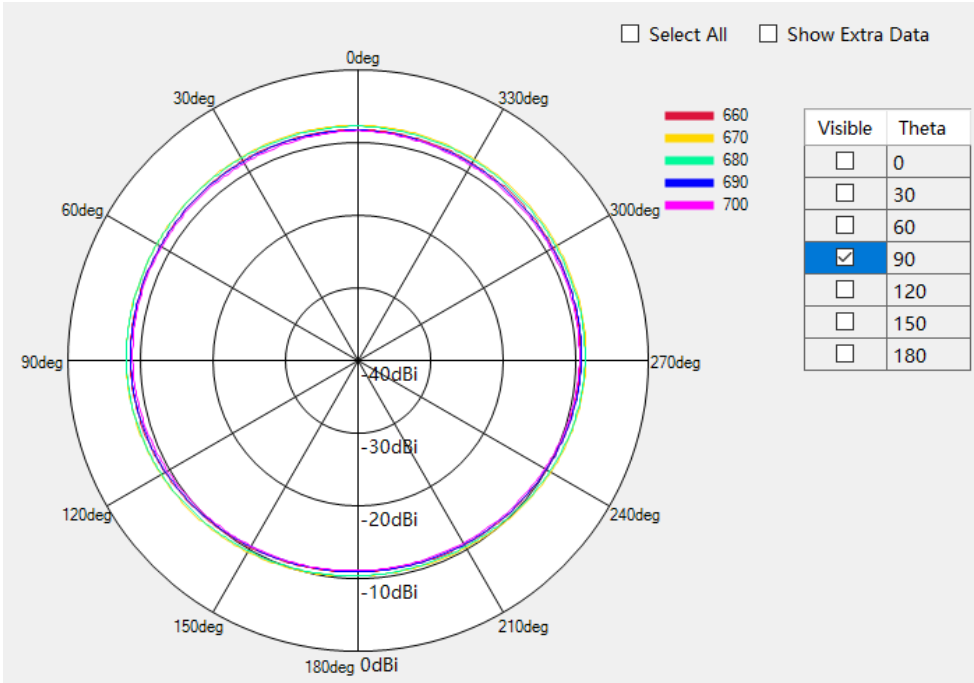
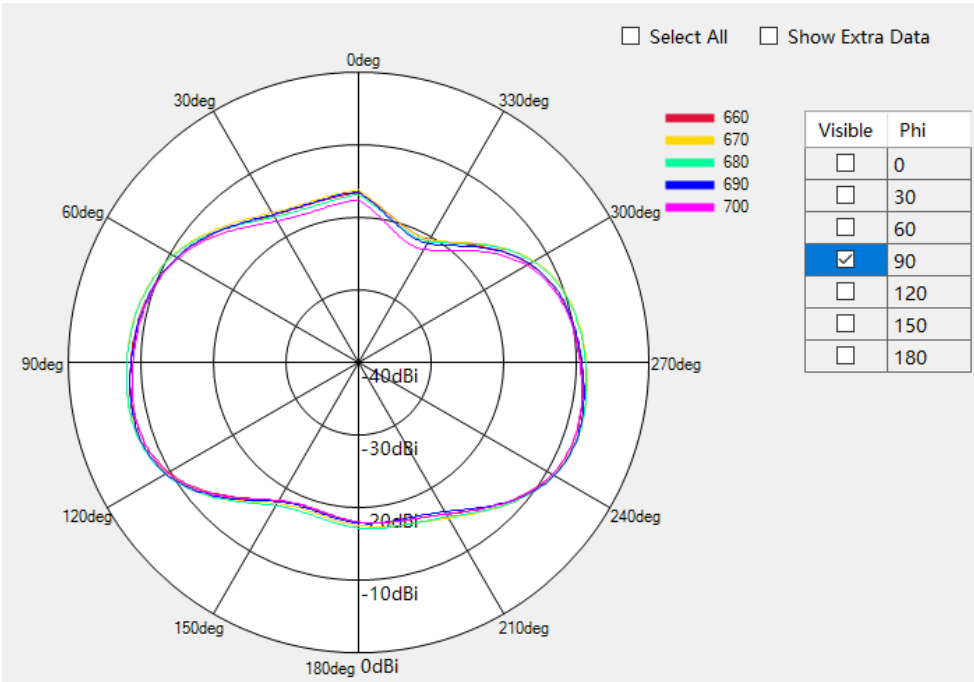
LTE B12/B17/B28/NR N12/N28 Phi=90deg



LTE B12/B17/B28/NR N12/N28 Theta=90deg

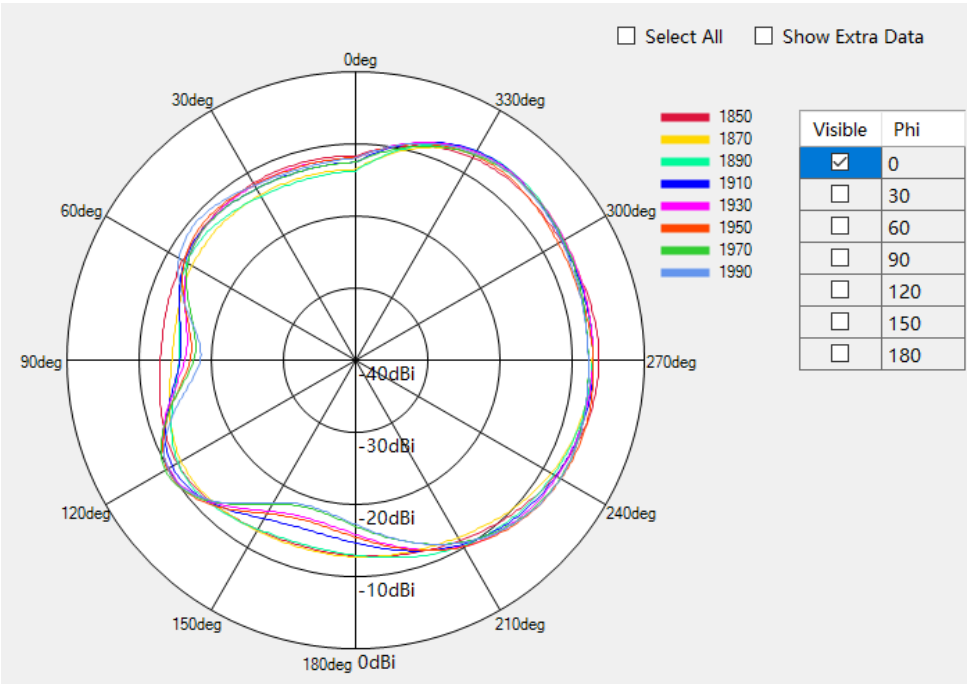


LTE B71/NR N71 Phi=0deg

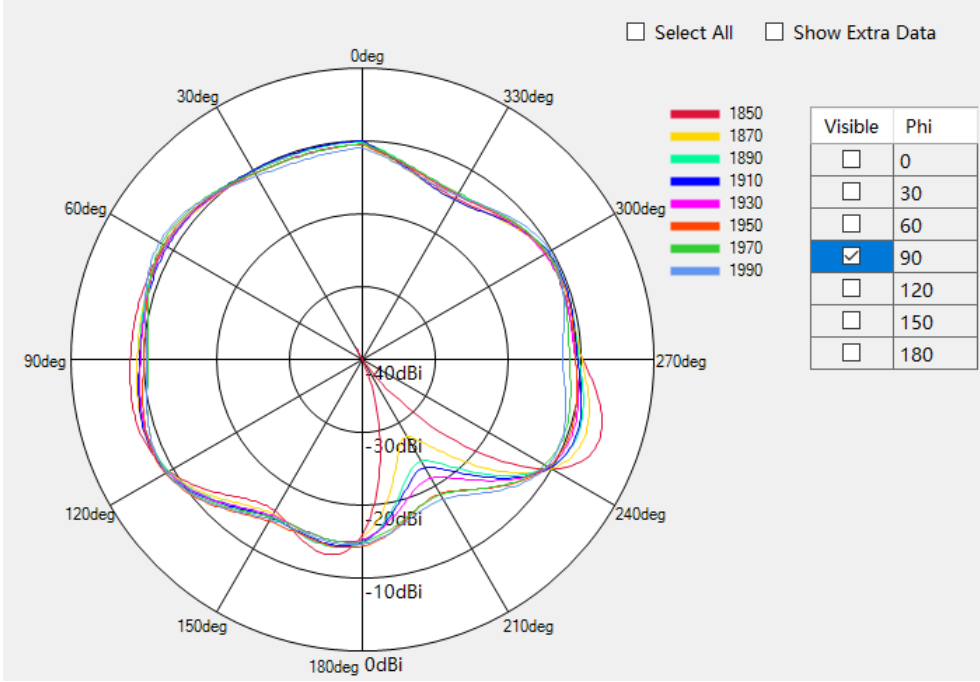


※ Antenna Gain

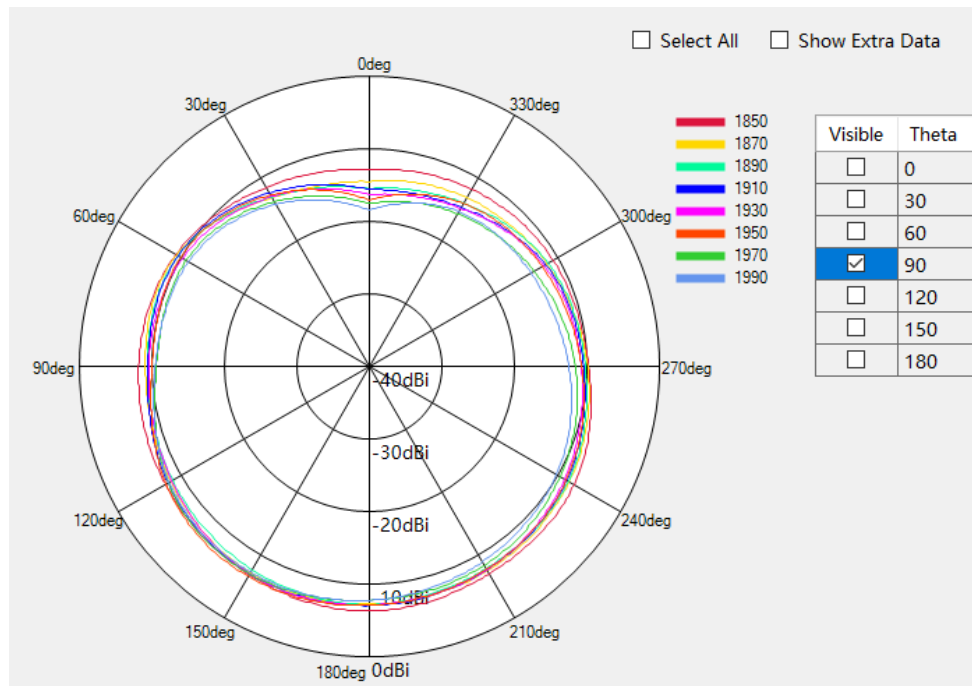
ANT3



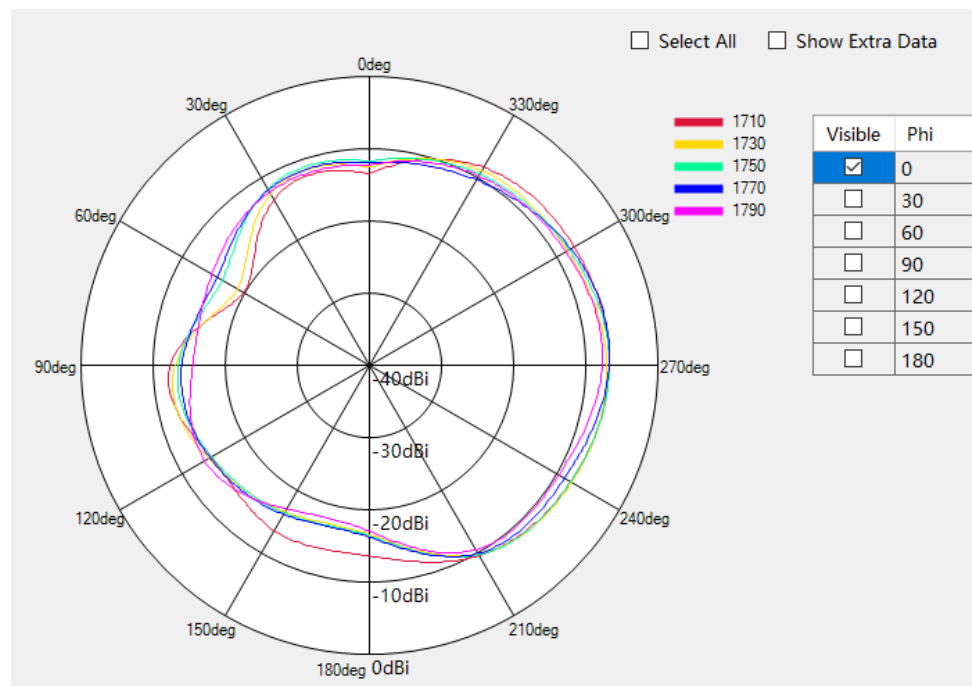
LTE B1/NR N1 Phi=0deg



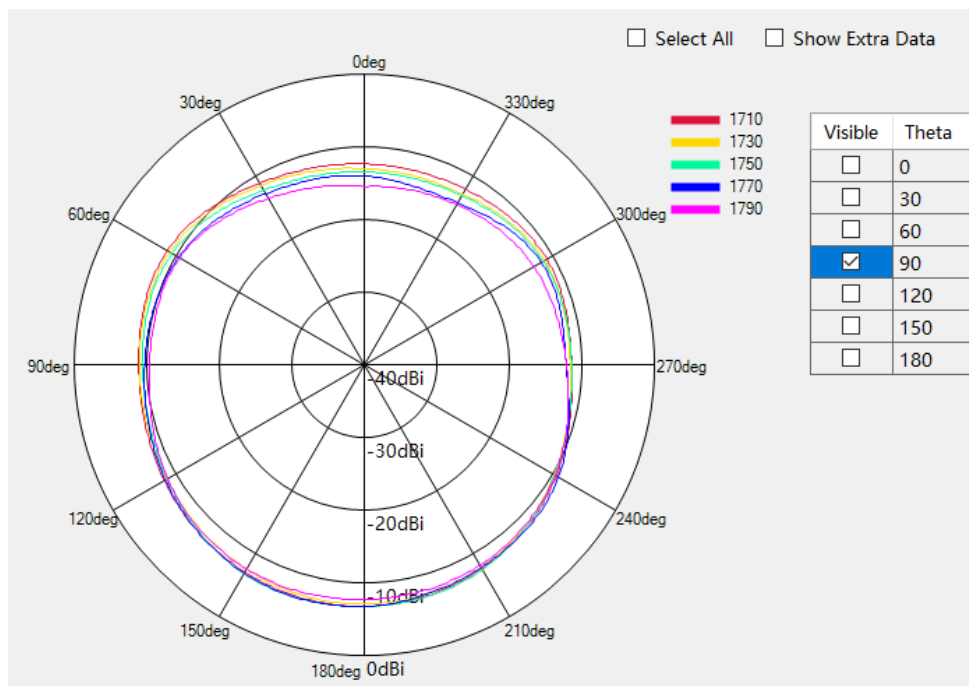
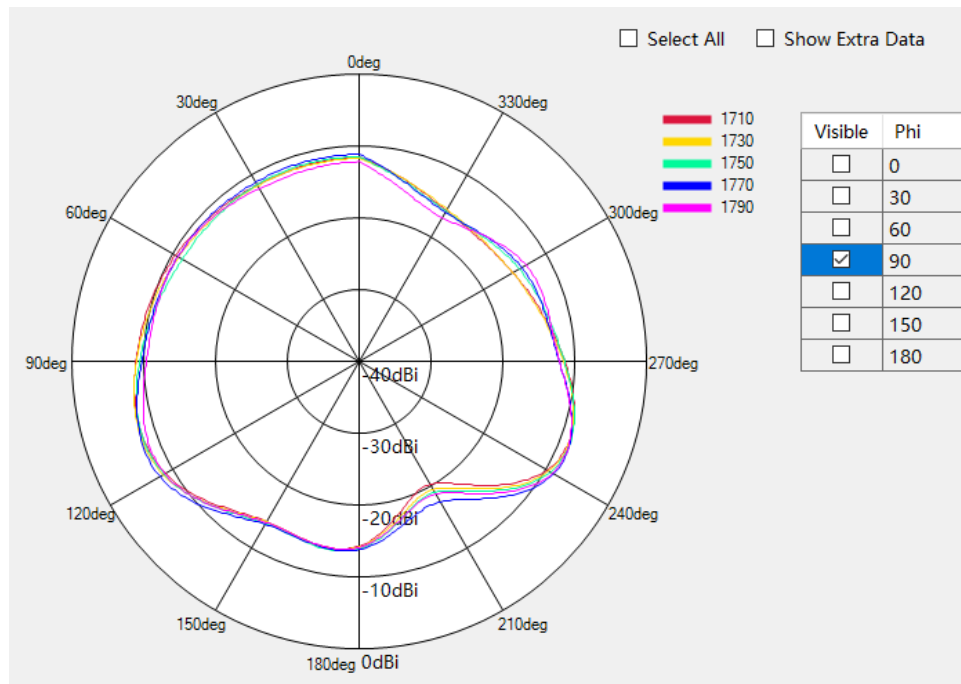
LTE B1/NR N1 Phi=90deg

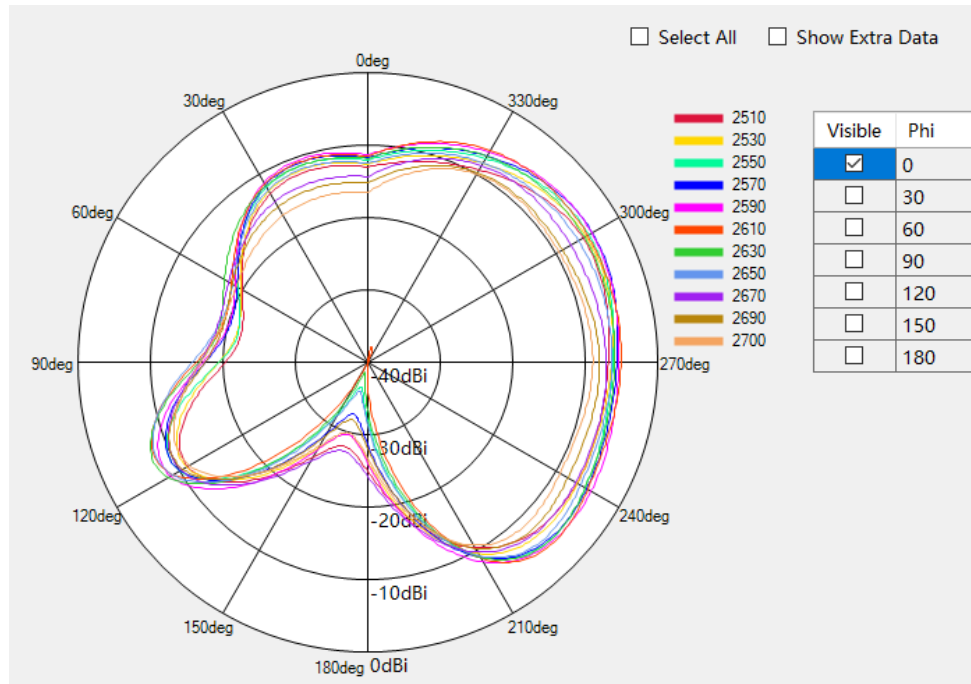


LTE B1/NR N1 Theta=90deg

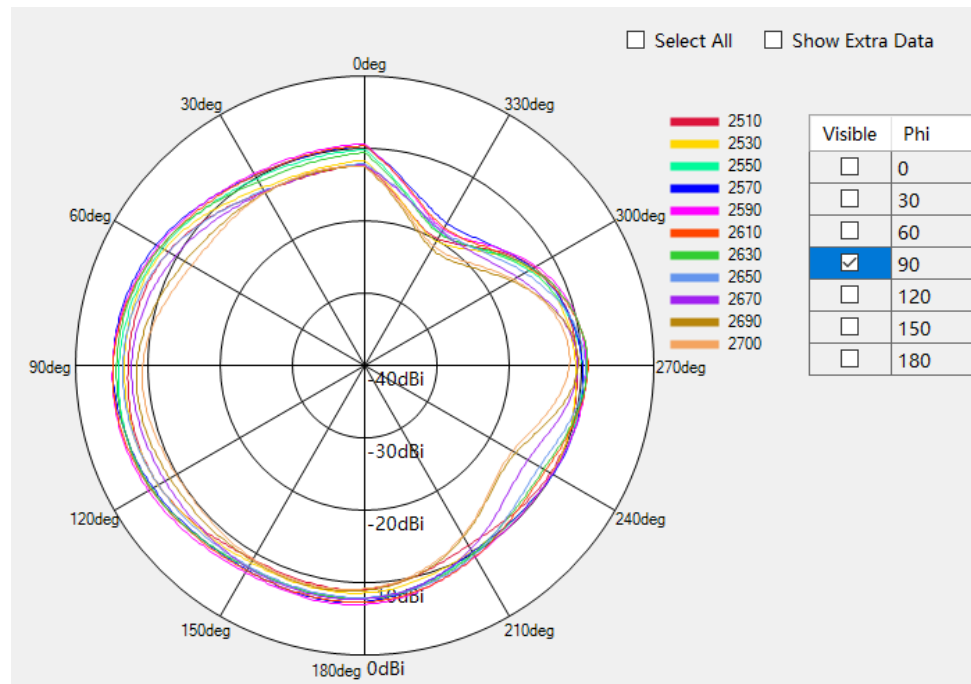


LTE B3/B4/B66/NR N3/N66 Phi=0deg

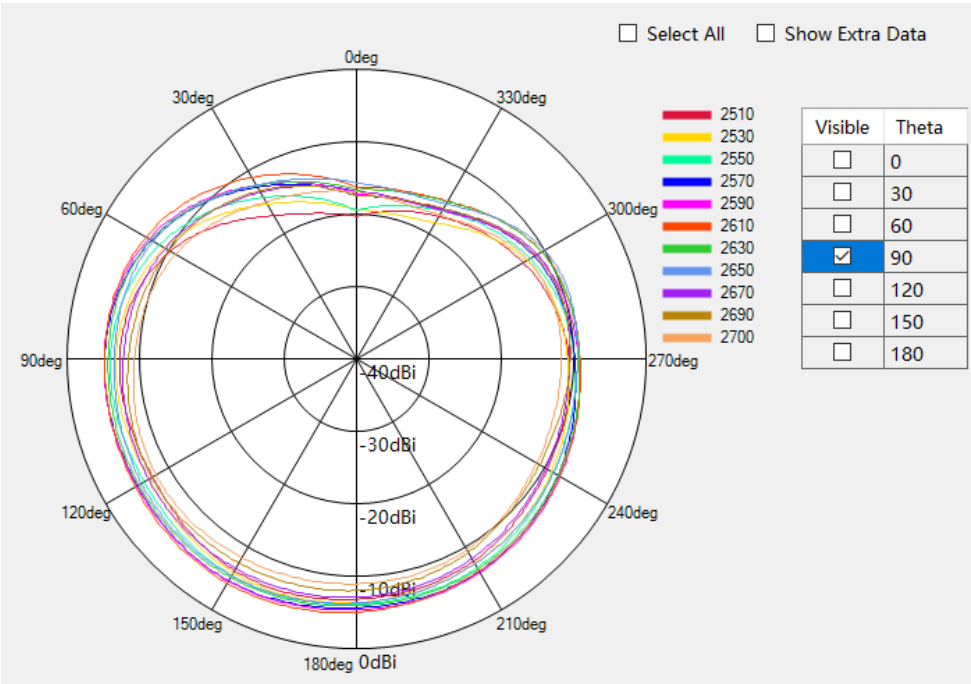




LTE B7/B38/B41/NR N7/N38/N41 Phi=0deg



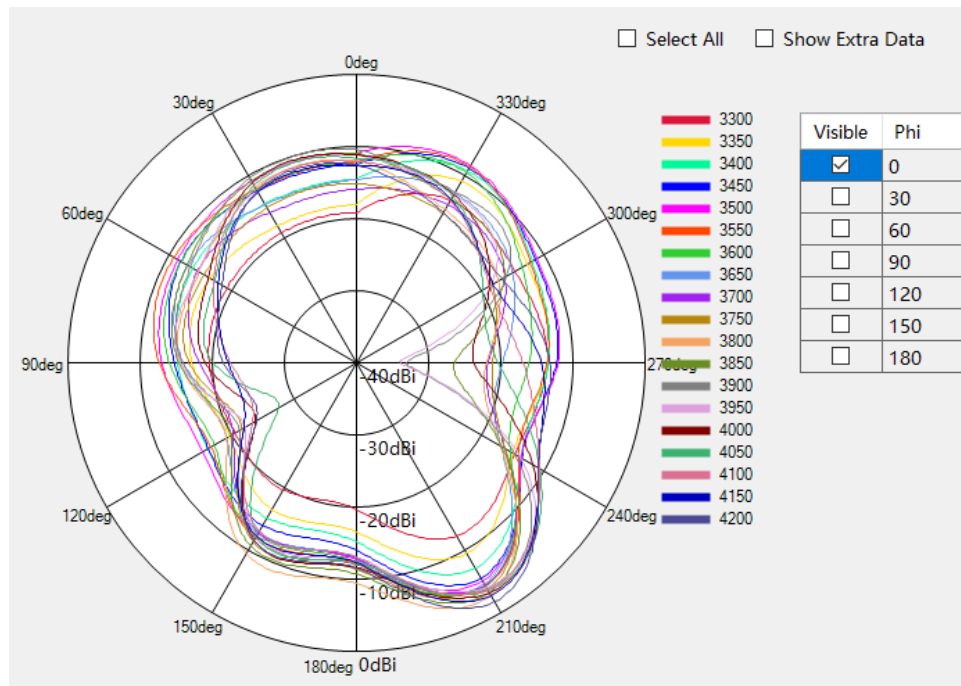
LTE B7/B38/B41/NR N7/N38/N41 Phi=90deg



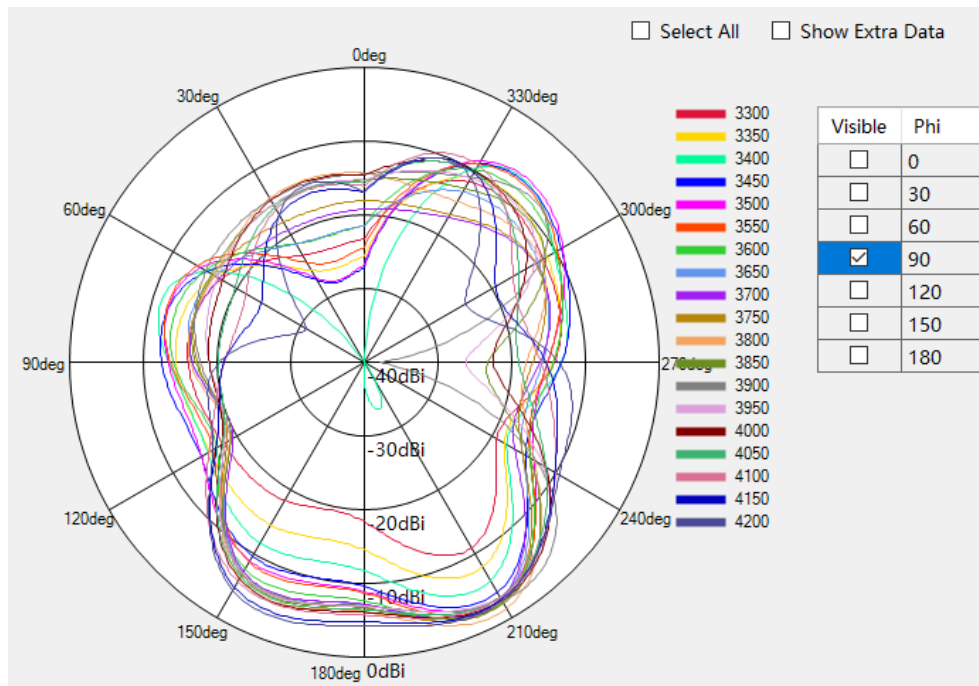
LTE B7/B38/B41/NR N7/N38/N41 Theta=90deg

※ Antenna Gain

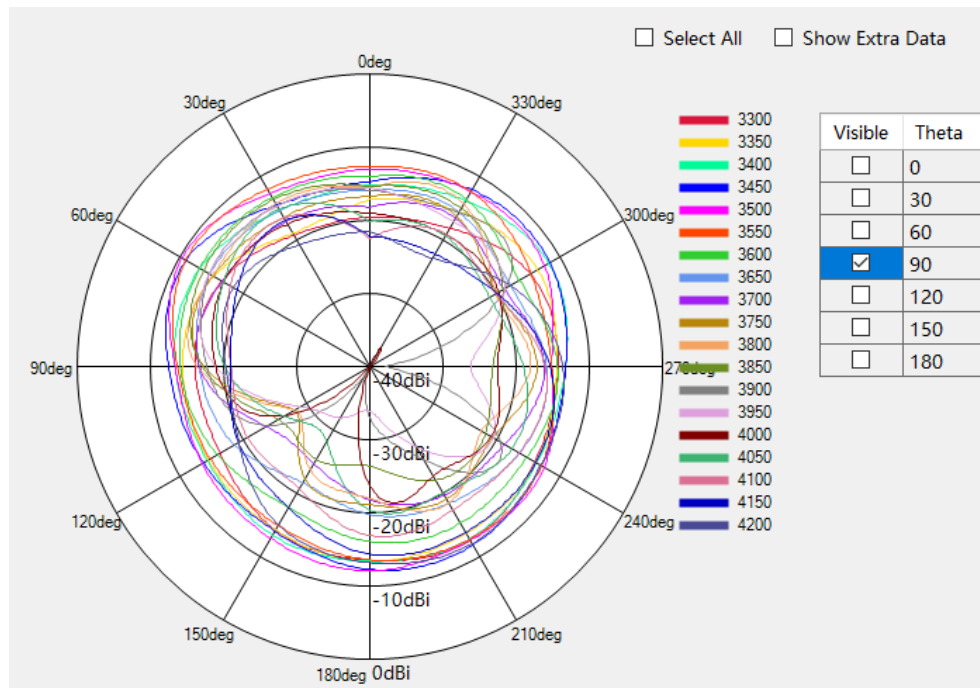
ANT1



LTE B42 / NR n77/n78 Phi=0deg



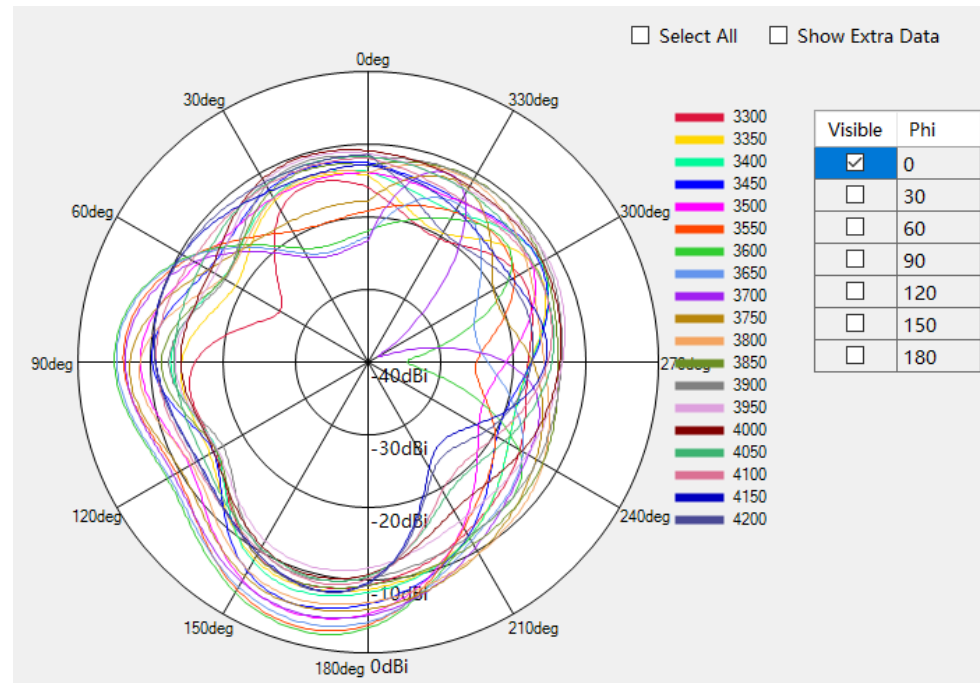
LTE B42 / NR n77/n78 Phi=90deg



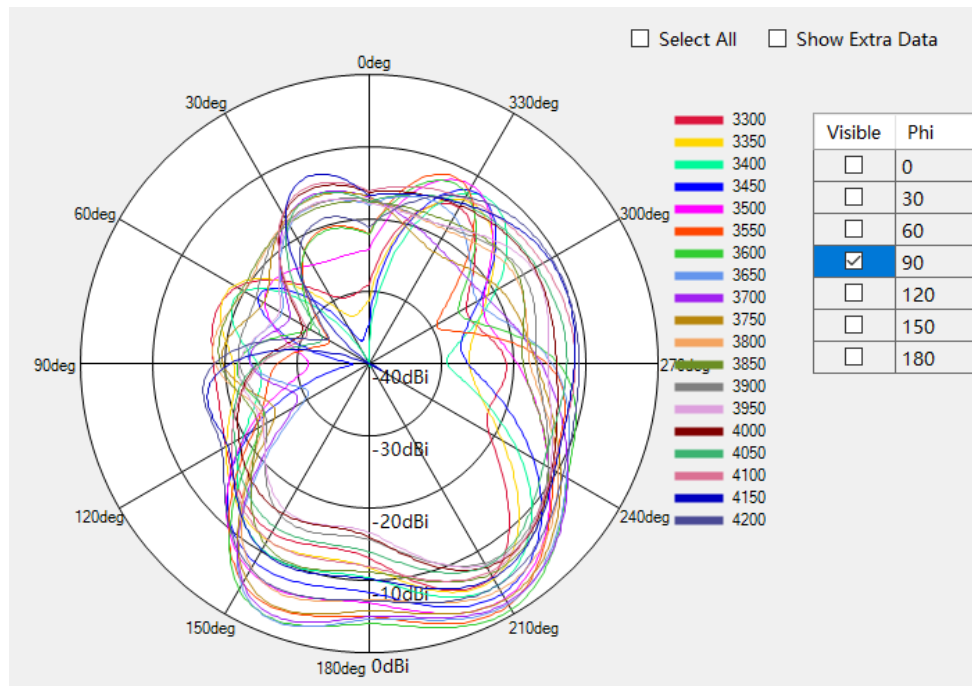
LTE B42 / NR n77/n78 Theta=90deg

※ Antenna Gain

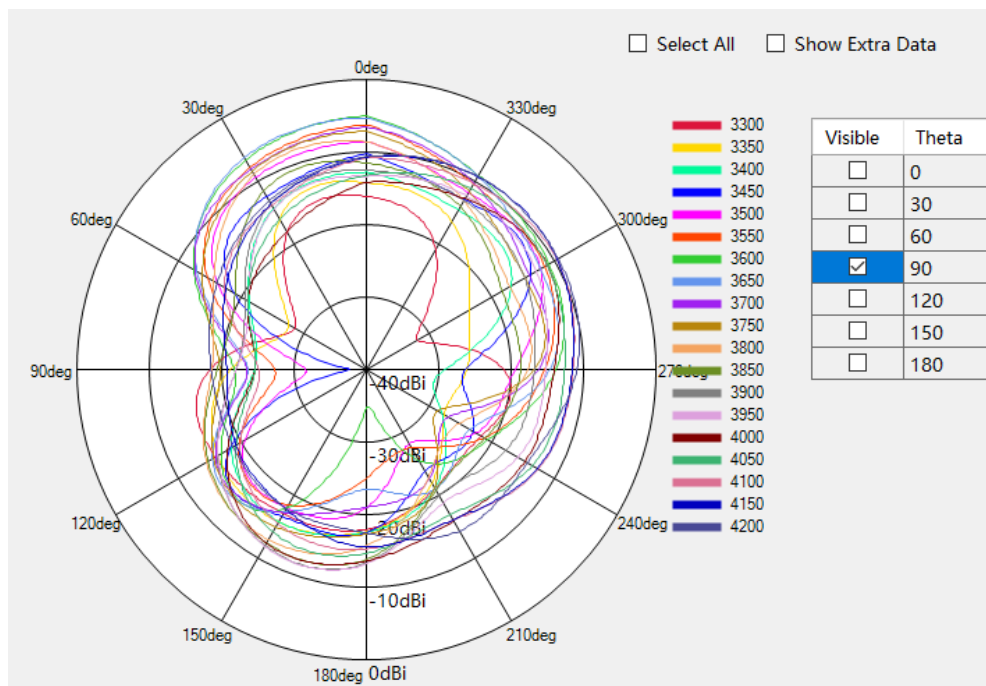
ANT4



LTE B42 / NR n77/n78 Phi=0deg



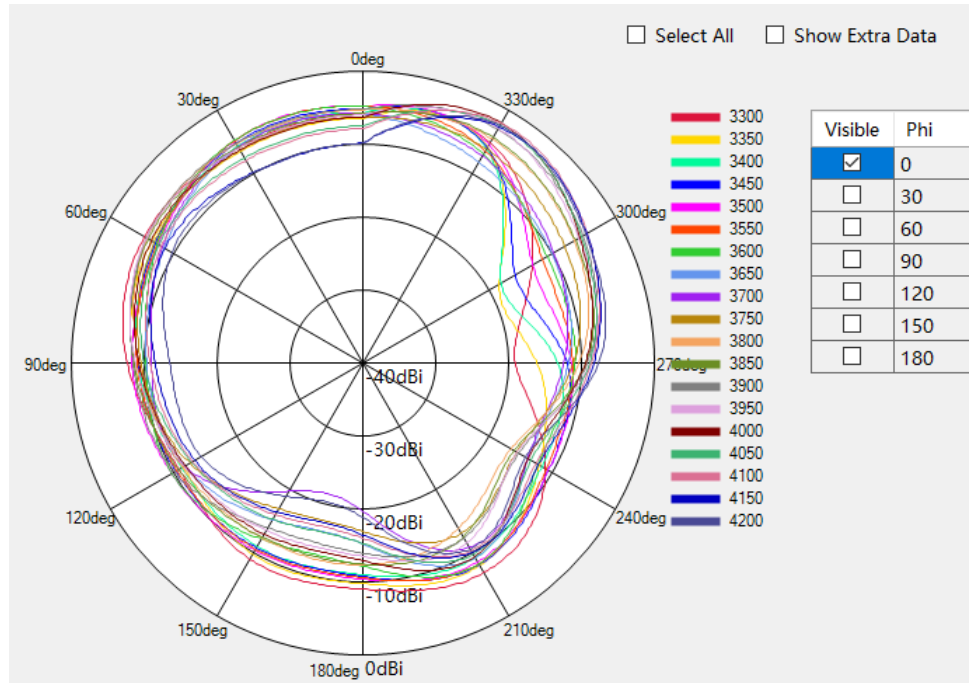
LTE B42 / NR n77/n78 Phi=90deg



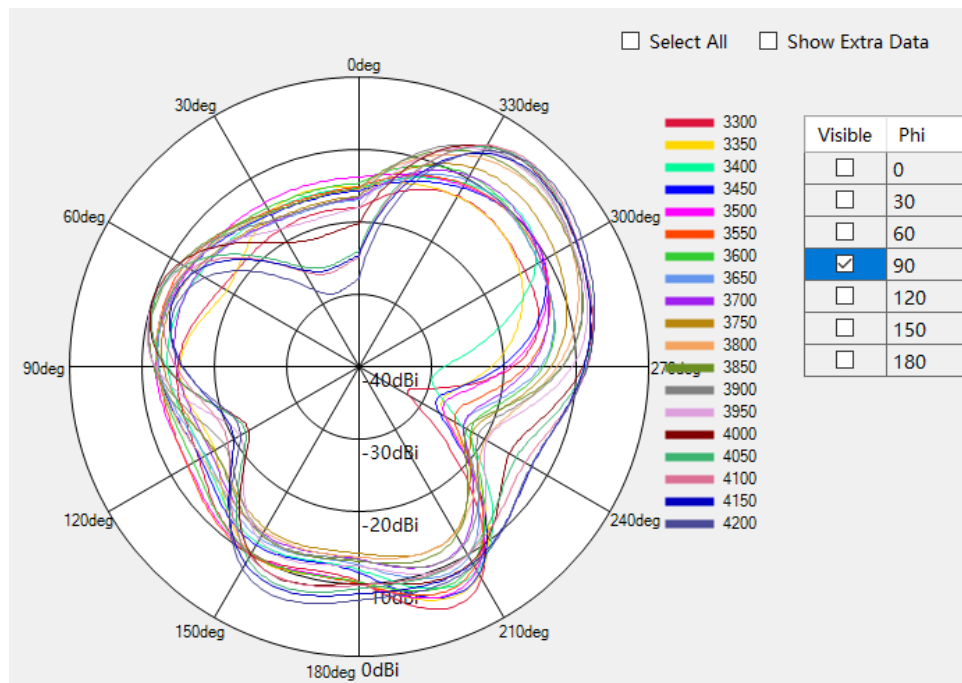
LTE B42 / NR n77/n78 Theta=90deg

※ Antenna Gain

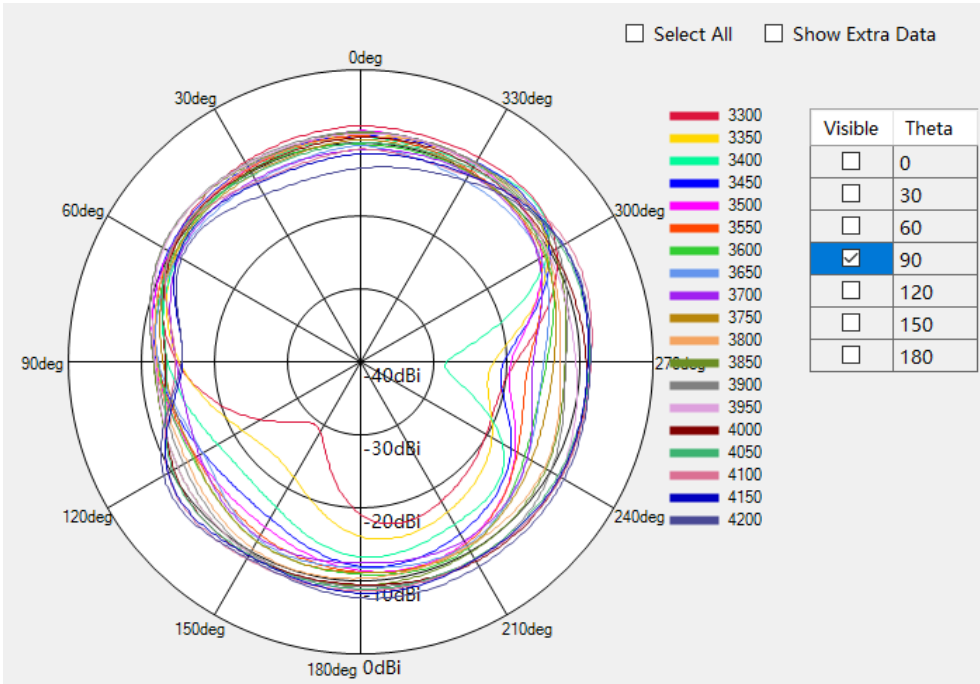
ANT0



LTE B42 / NR n77/n78 Phi=0deg



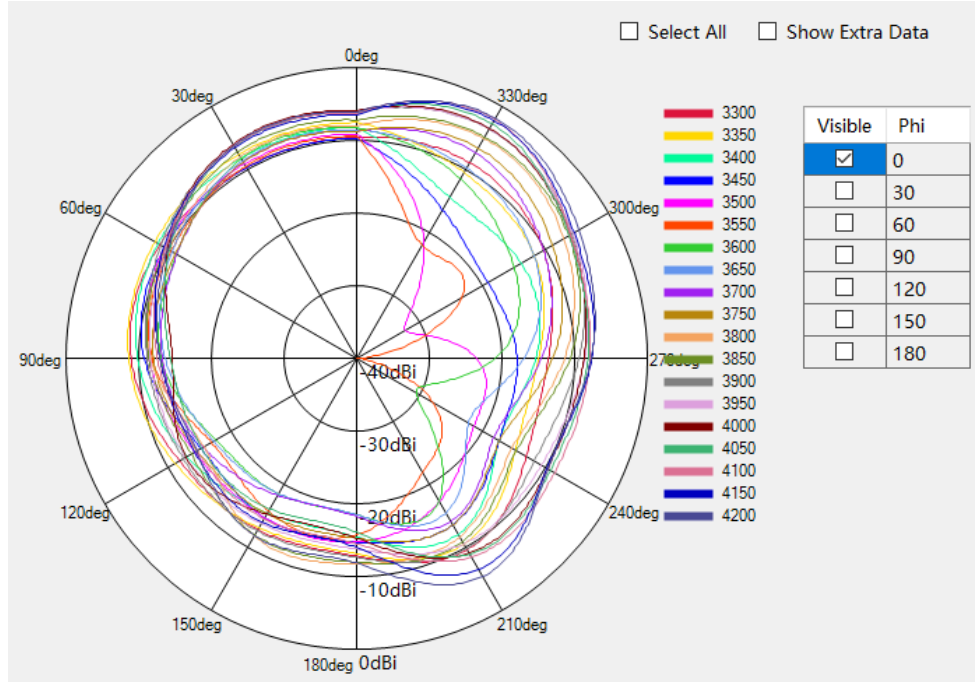
LTE B42 / NR n77/n78 Phi=90deg



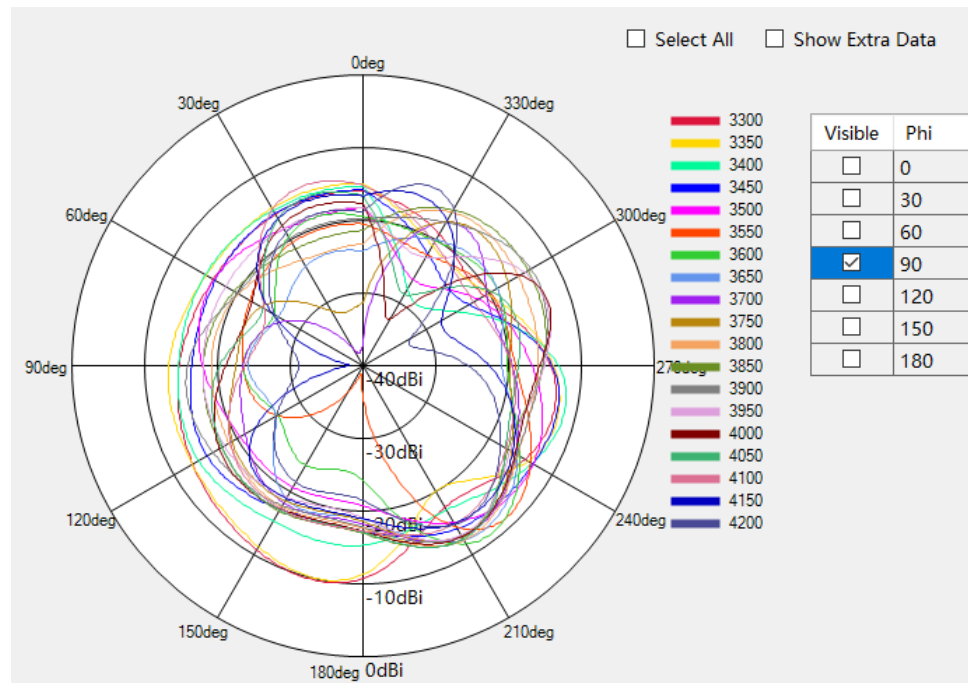
LTE B42 / NR n77/n78 Theta=90deg

※ Antenna Gain

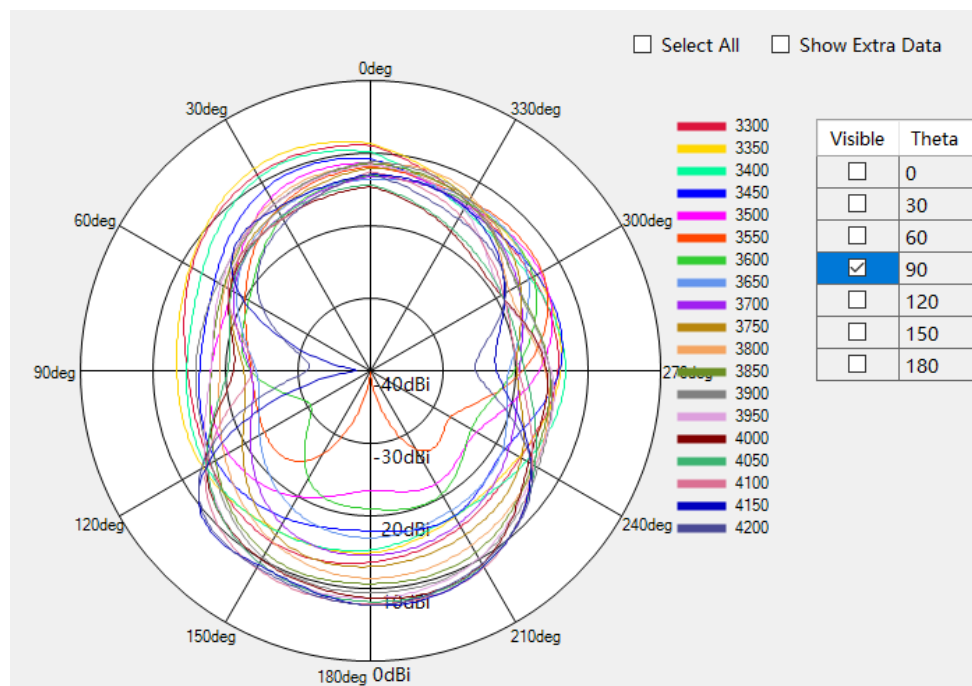
ANT6



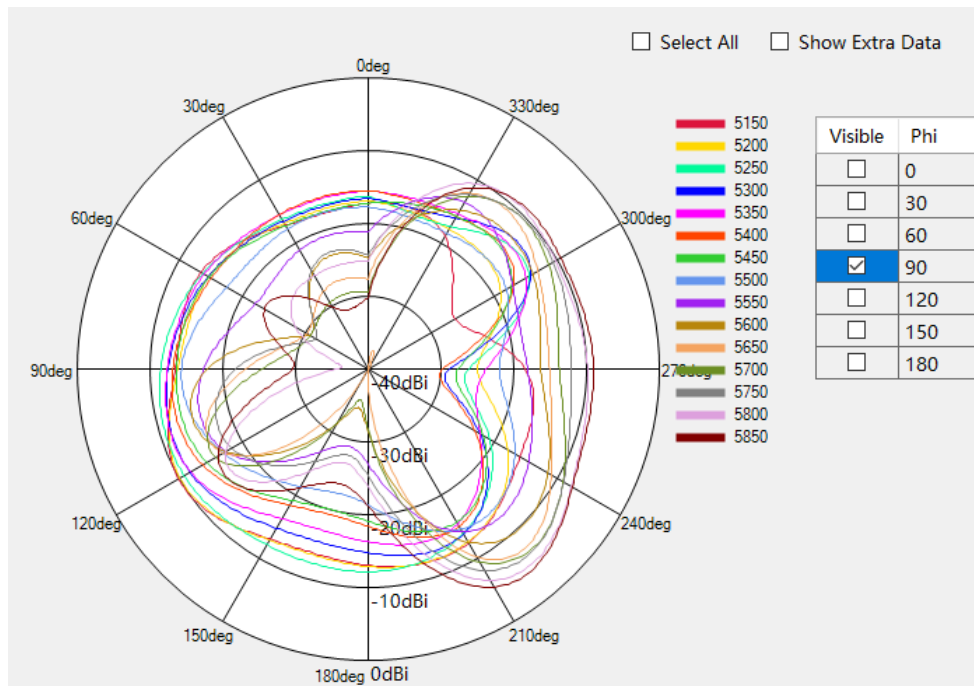
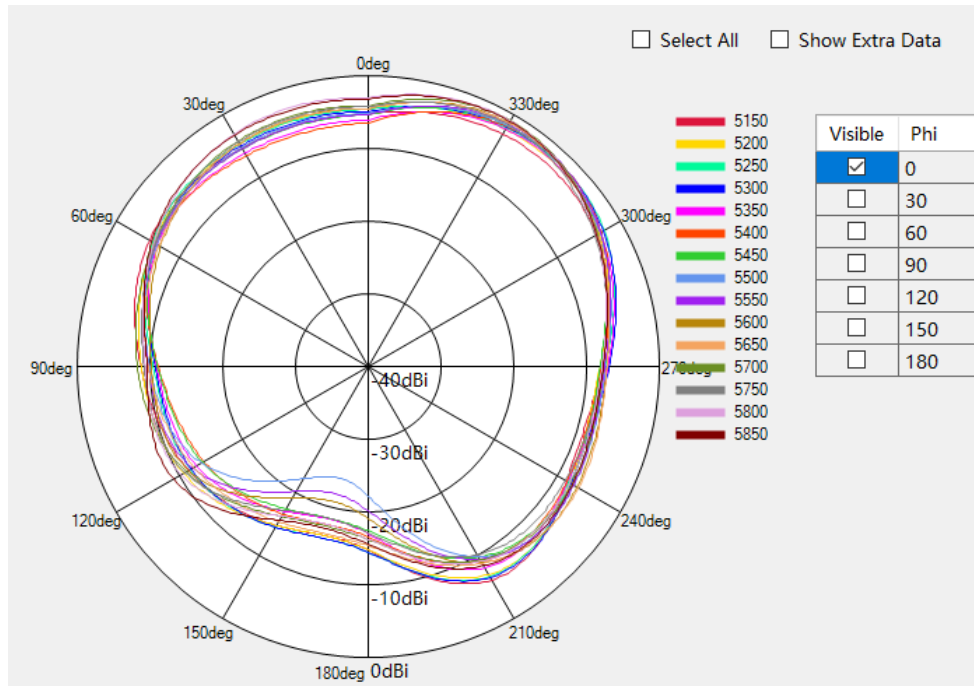
LTE B42 / NR n77/n78 Phi=0deg

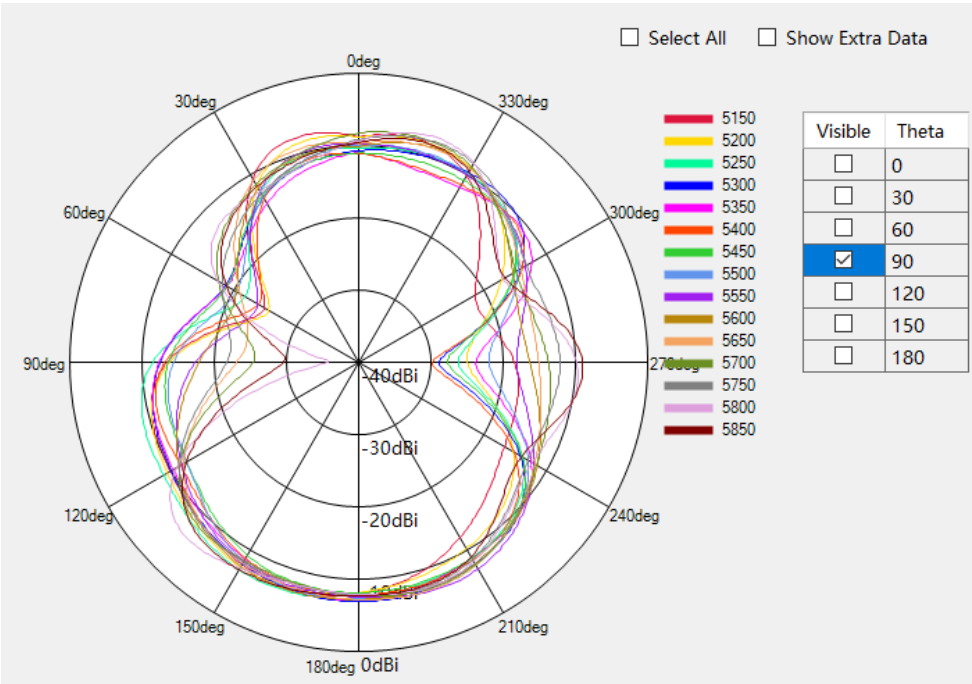


LTE B42 / NR n77/n78 Phi=90deg



LTE B42 / NR n77/n78 Theta=90deg

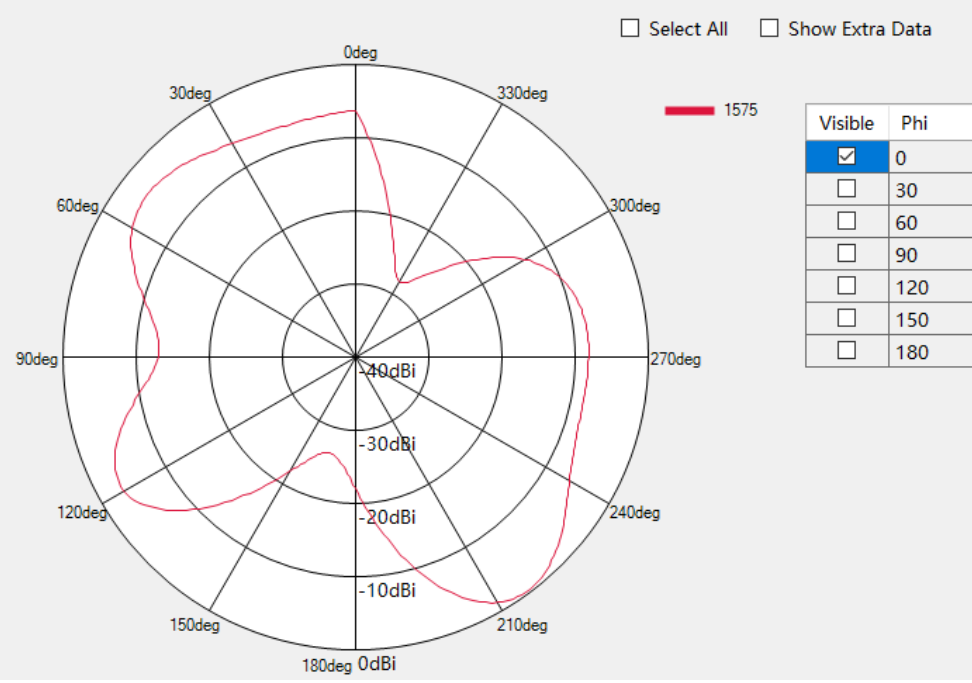




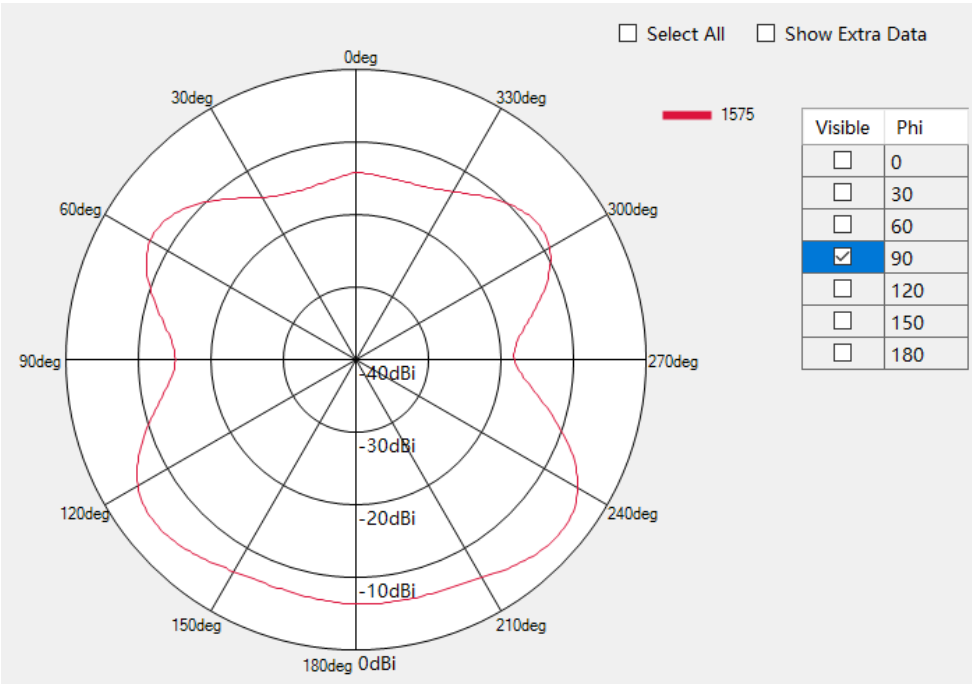
WIFI 5G Theta=90deg

※ Antenna Gain

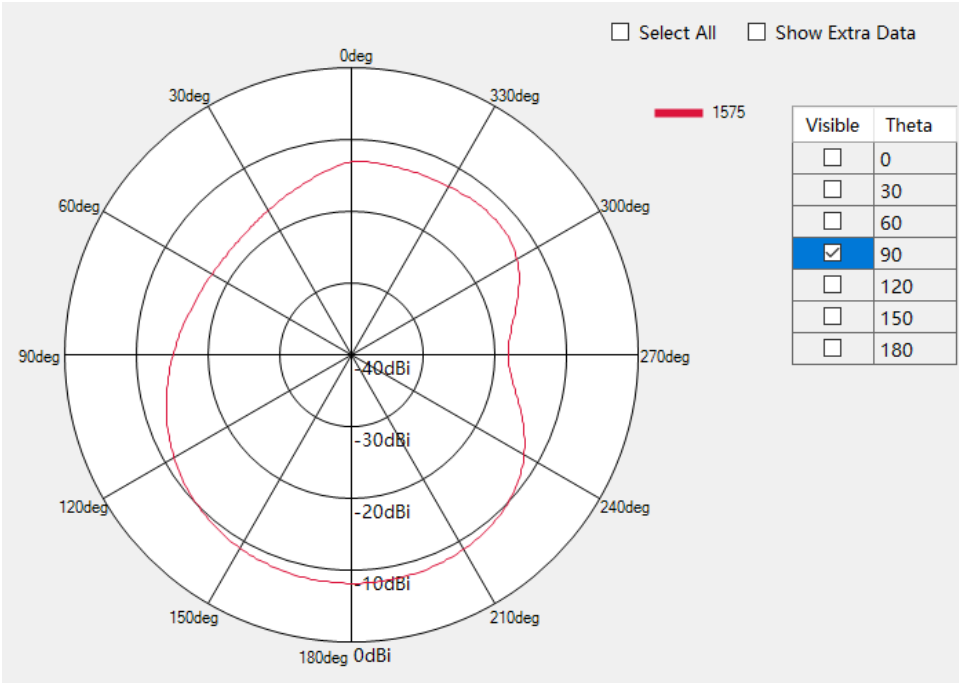
ANT12



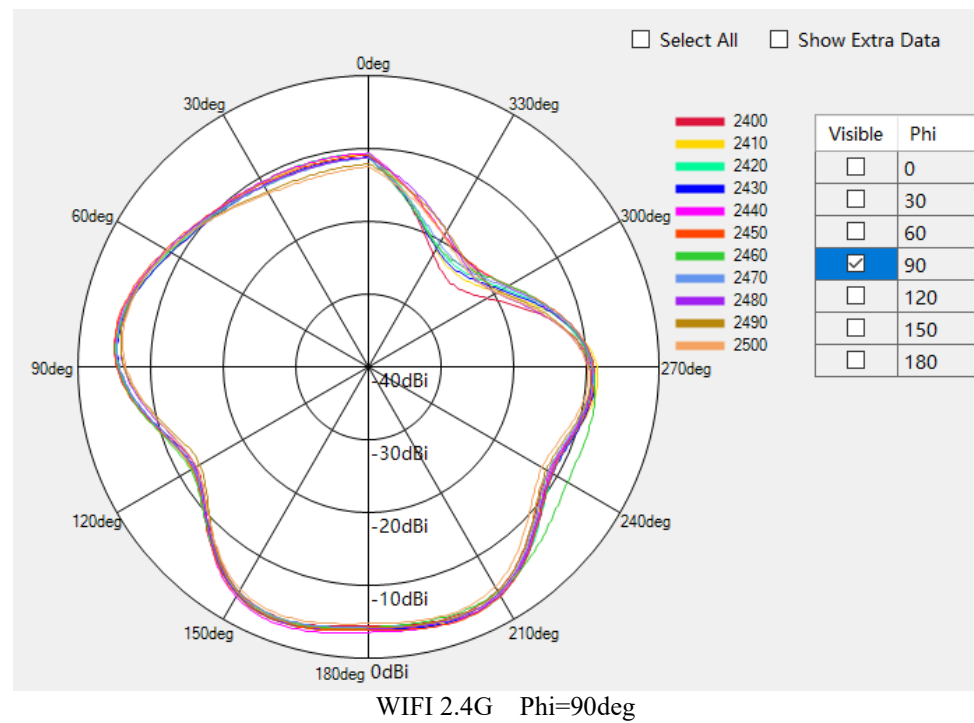
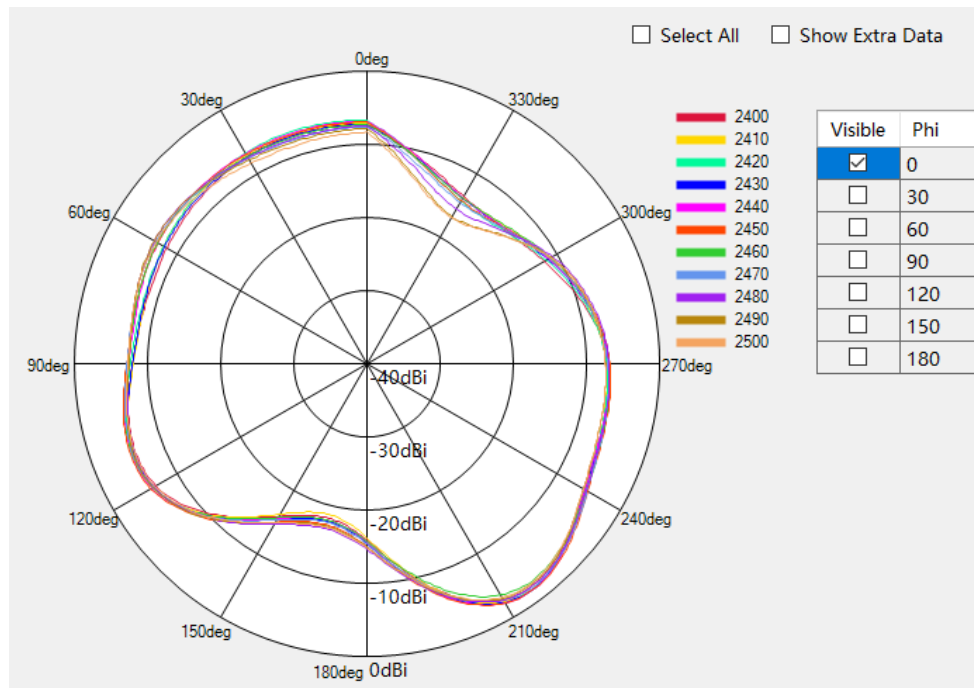
GPS Phi=0deg

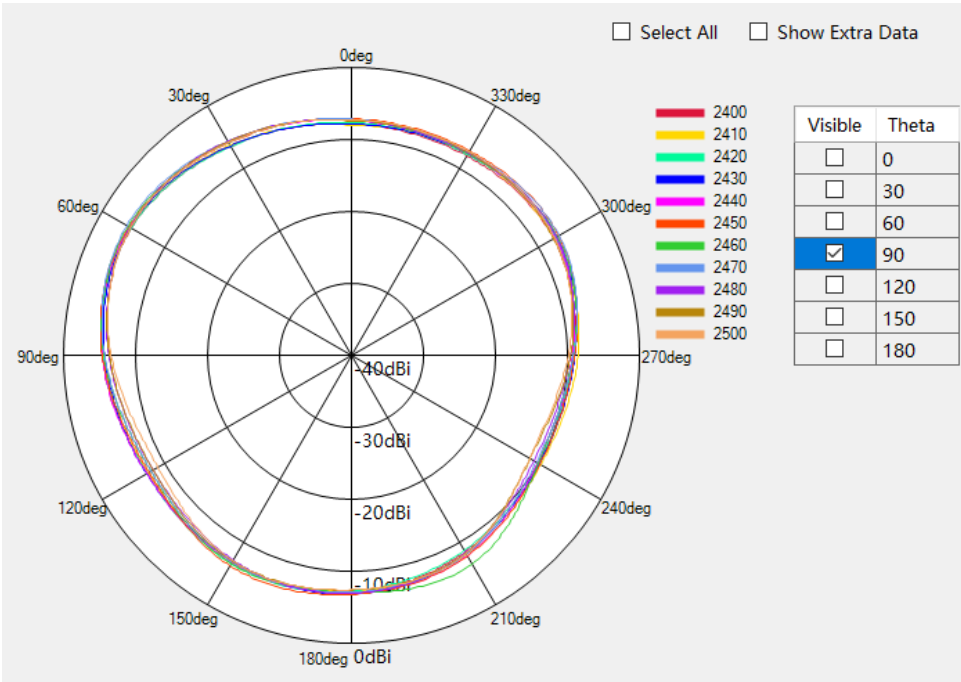


GPS Phi=90deg



GPS Theta=90deg

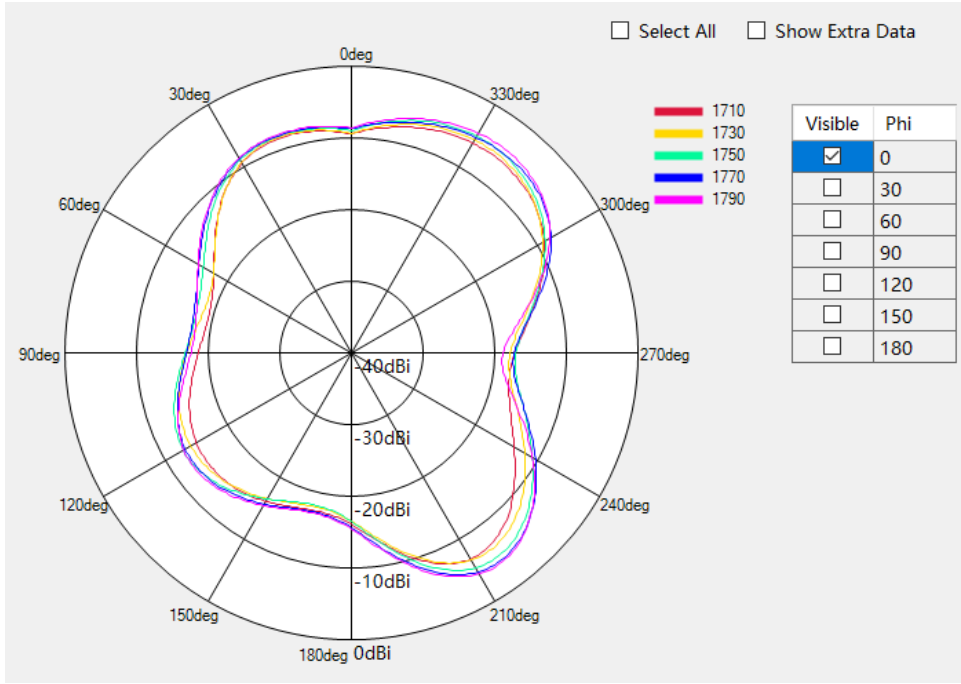




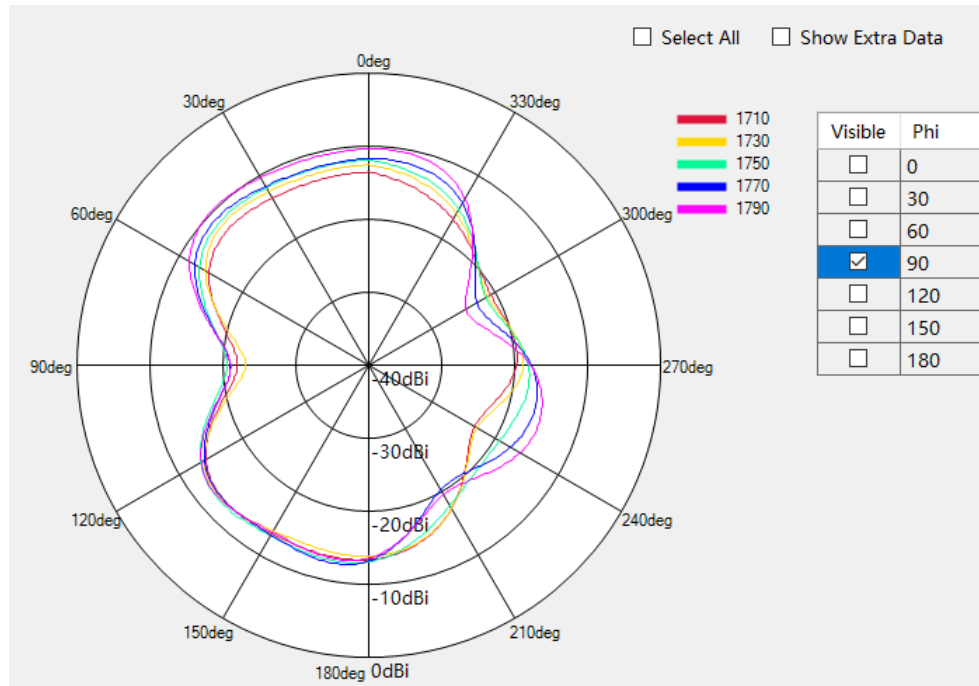
WIFI 2.4G Theta=90deg

※ Antenna Gain

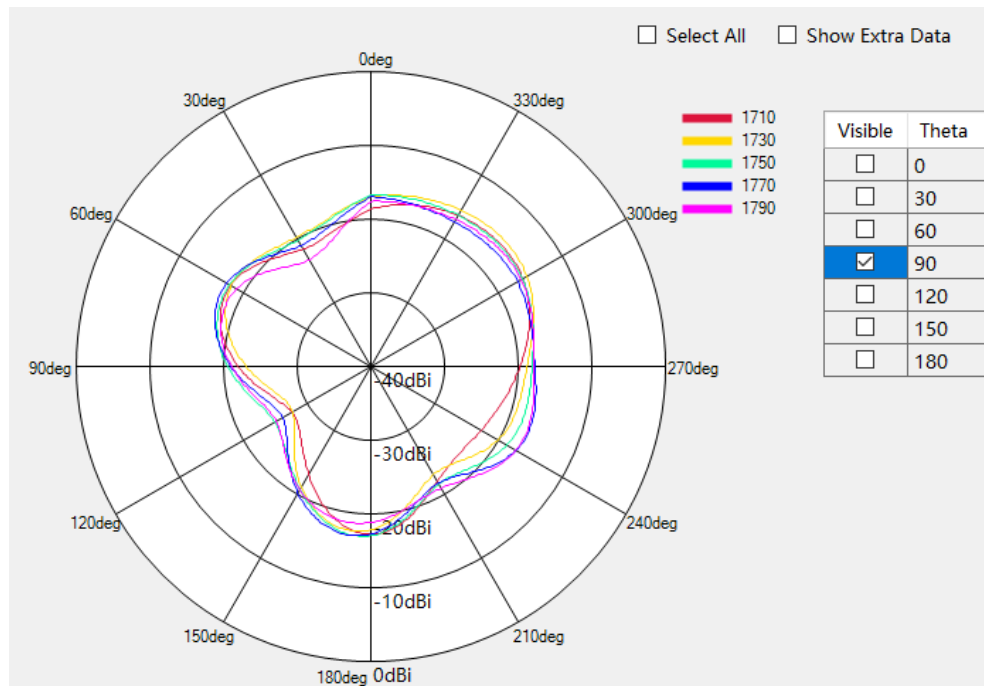
ANT2



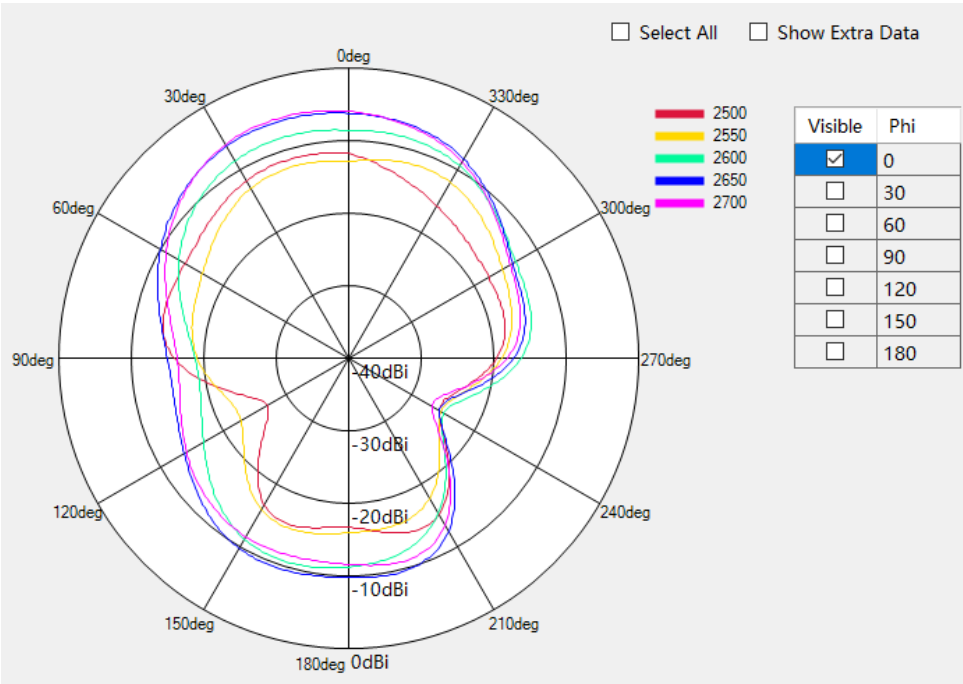
DCS/WCDMA B4/LTE B3/B4/B66/NR N3/N66 Phi=0deg



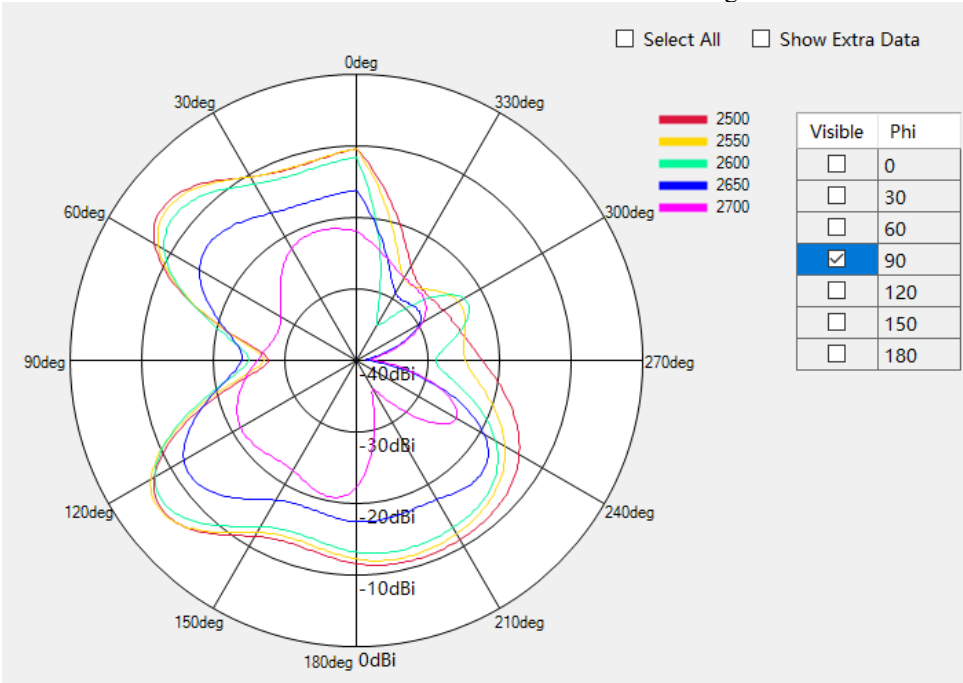
DCS/WCDMA B4/LTE B3/B4/B66/NR N3/N66 Phi=90deg



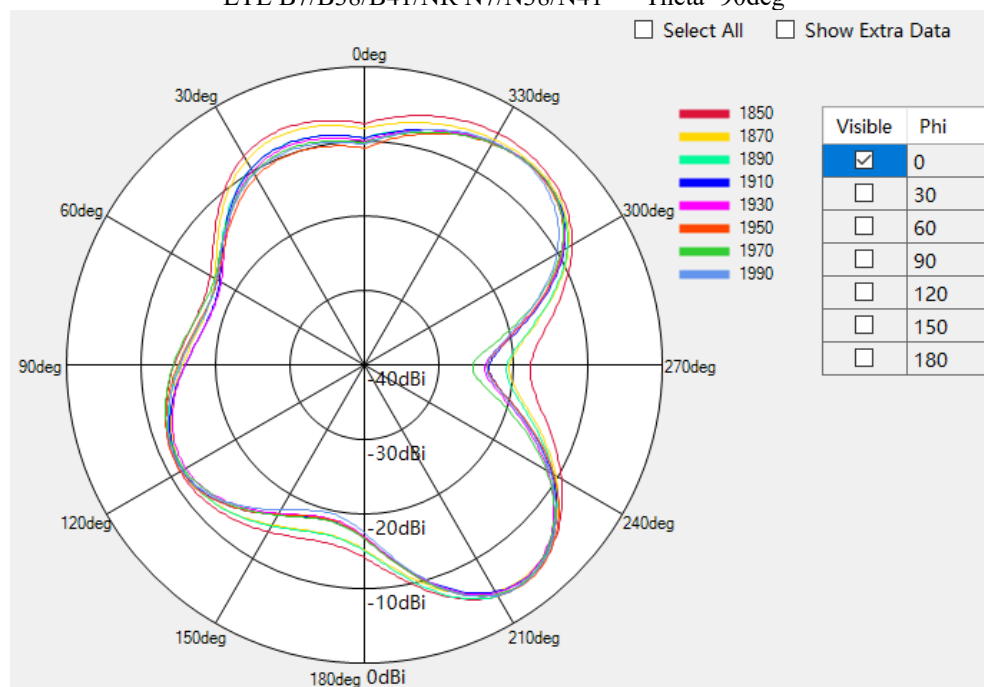
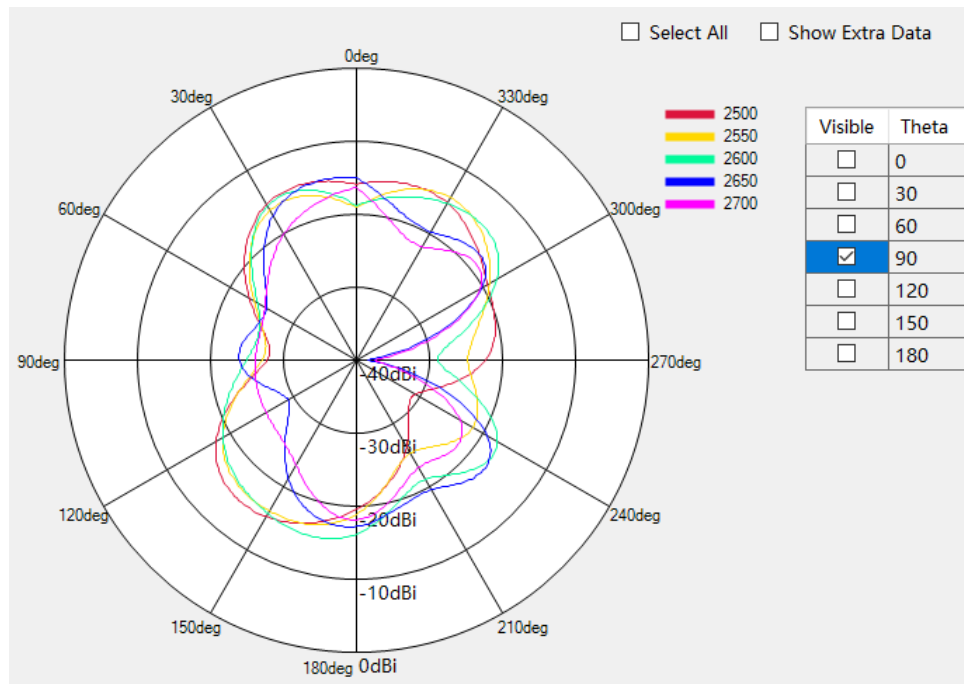
DCS/WCDMA B4/LTE B3/B4/B66/NR N3/N66 Theta=90deg

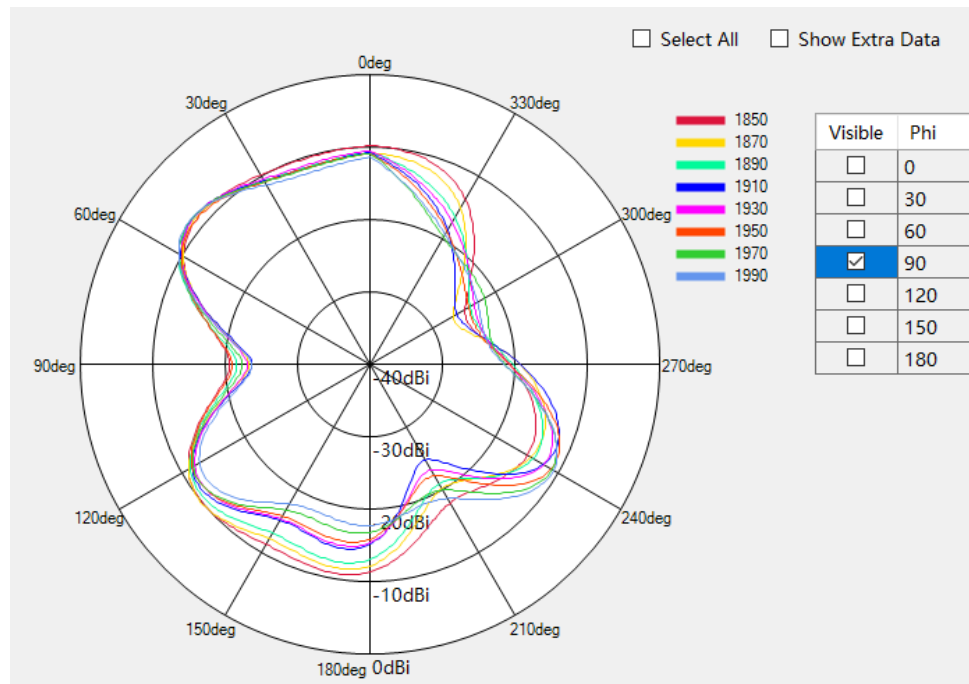


LTE B7/B38/B41/NR N7/N38/N41 Phi=0deg

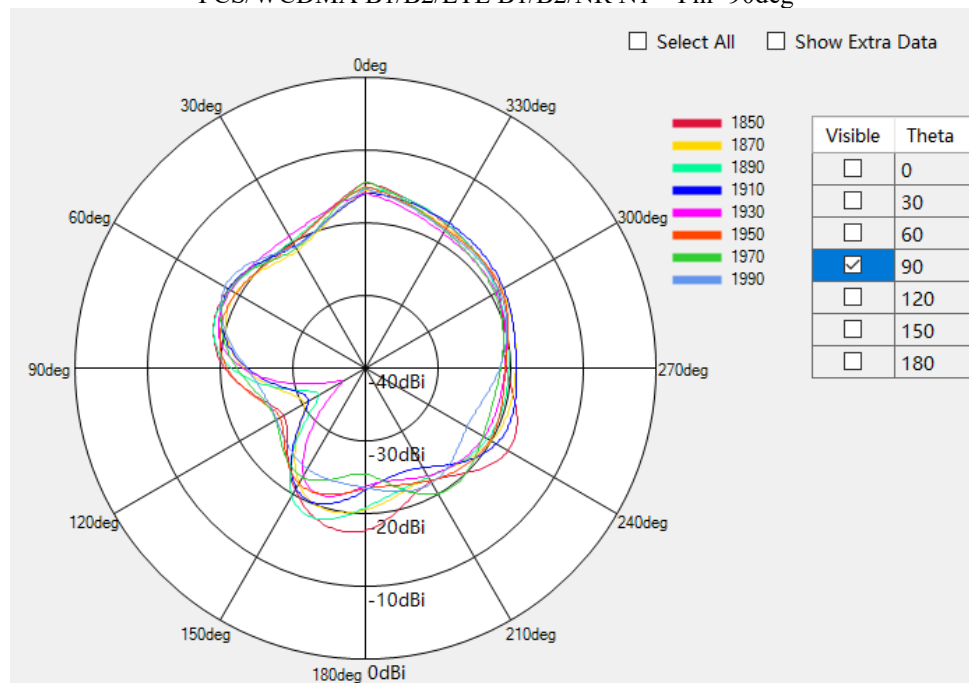


LTE B7/B38/B41/NR N7/N38/N41 Phi=90deg

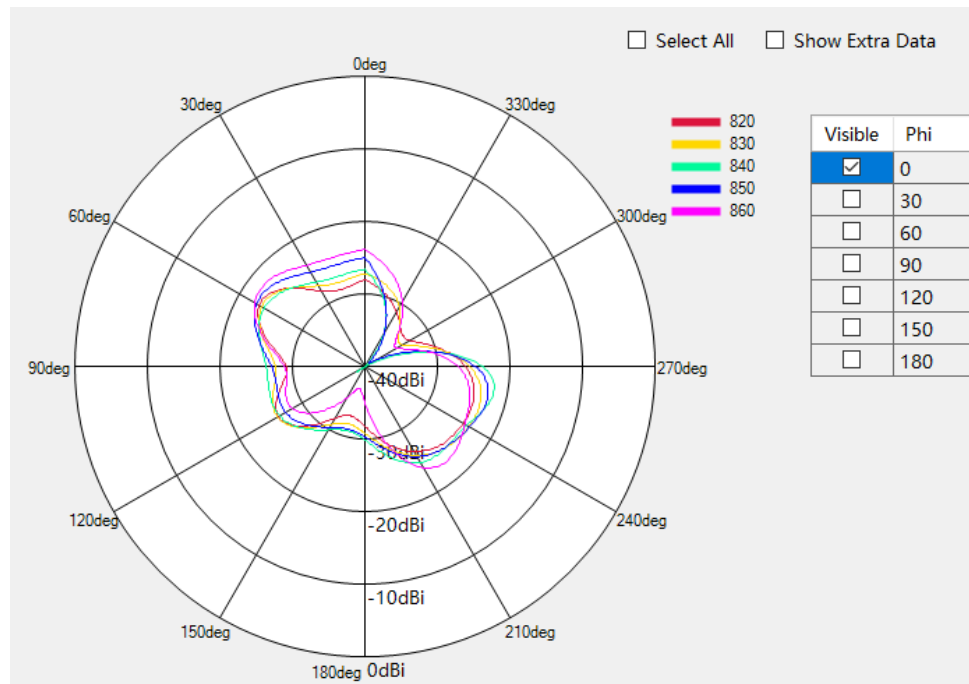




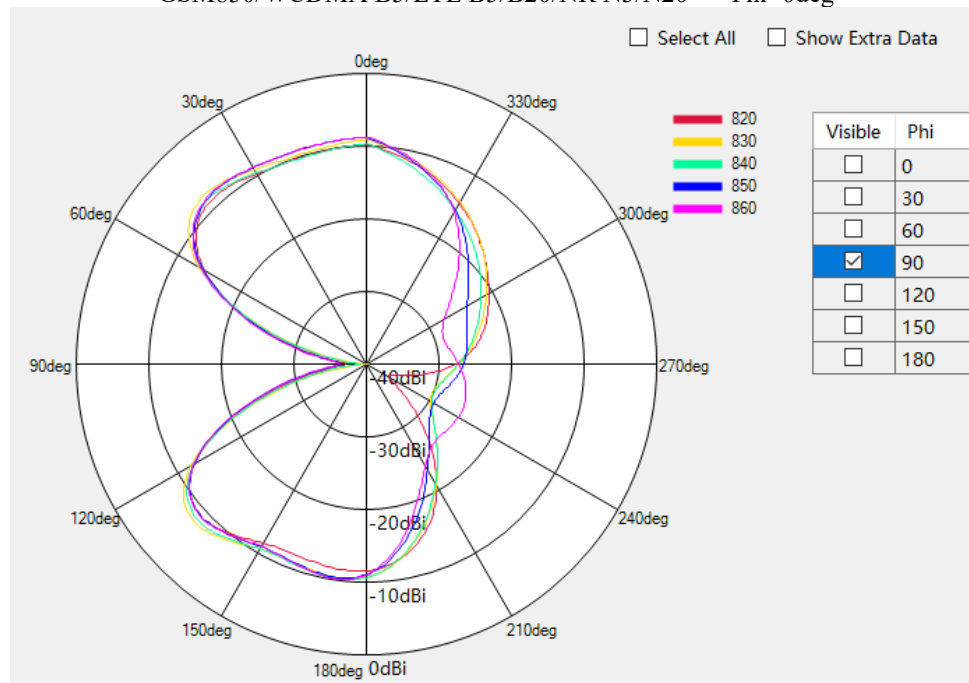
PCS/WCDMA B1/B2/LTE B1/B2/NR N1 Phi=90deg



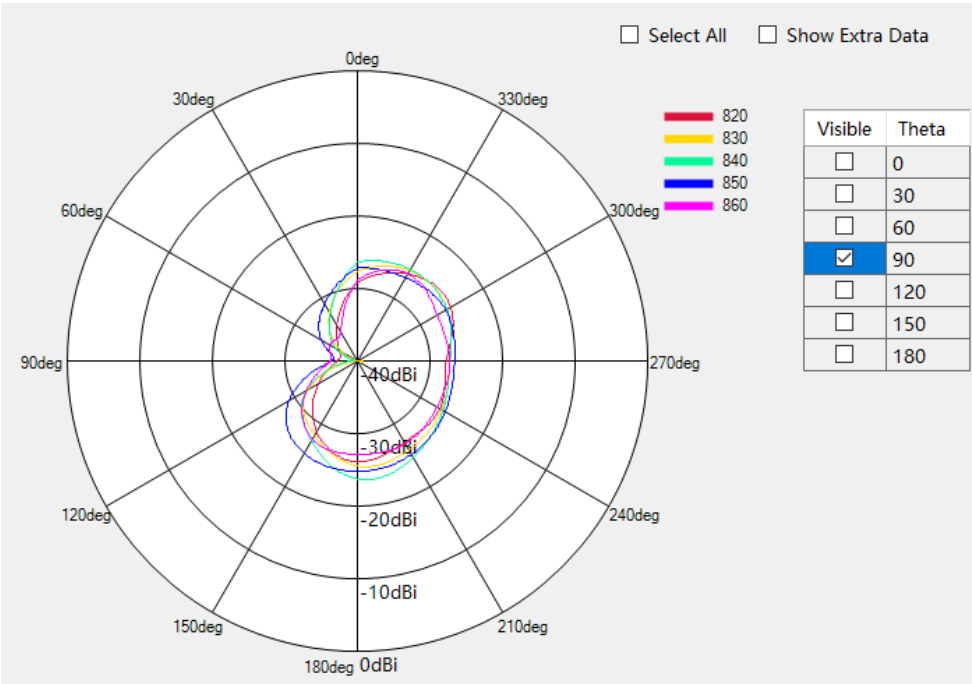
PCS/WCDMA B1/B2/LTE B1/B2/NR N1 Theta=90deg



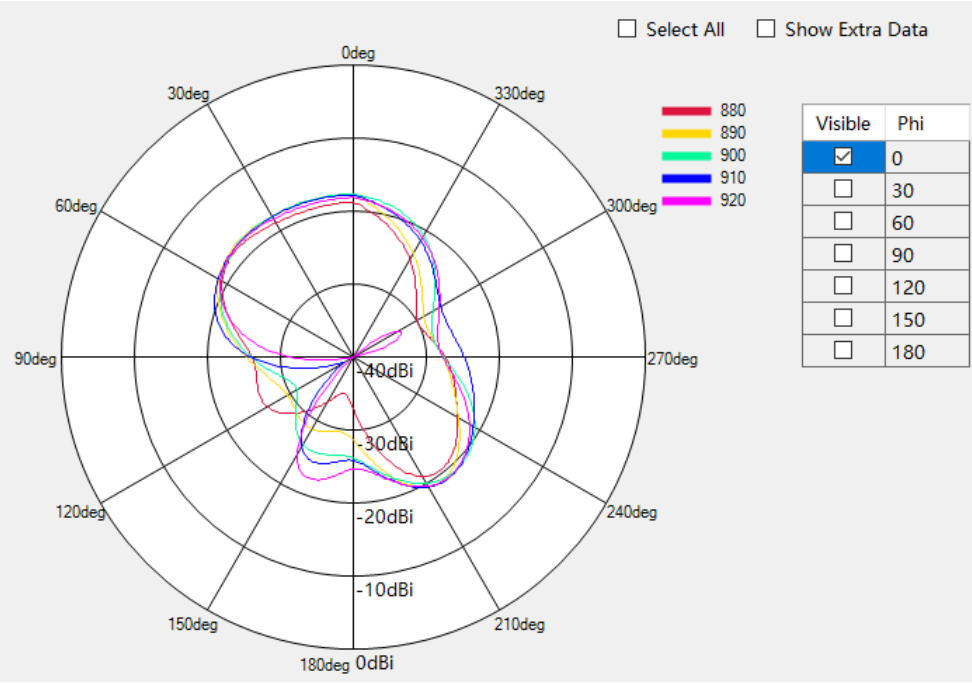
GSM850/WCDMA B5/LTE B5/B20/NR N5/N20 Phi=0deg



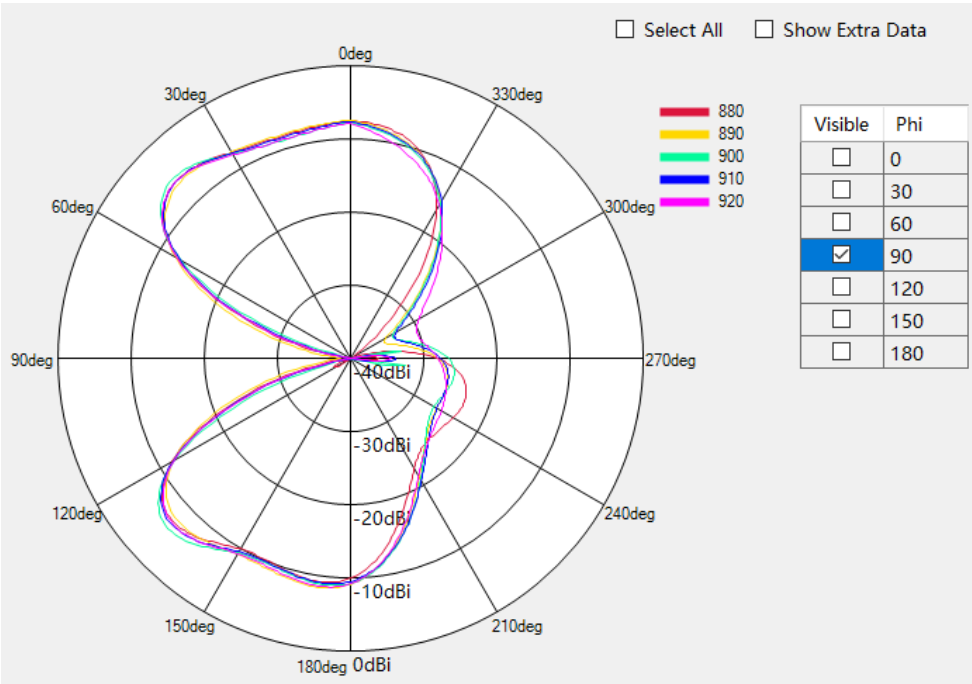
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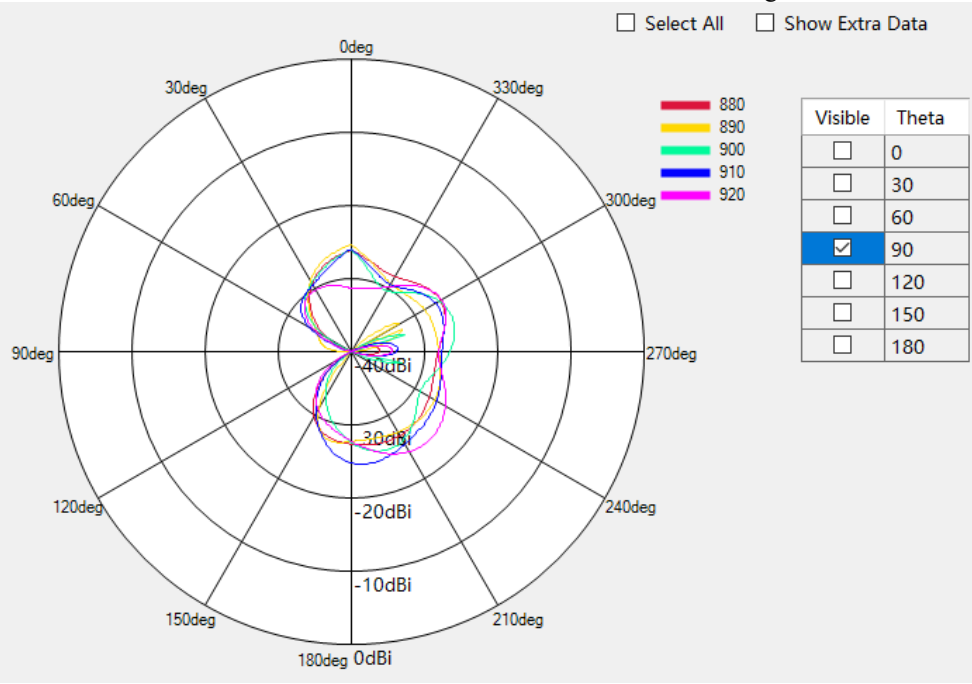
GSM850/WCDMA B5/LTE B5/B20/NR N5/N20 Theta=90deg



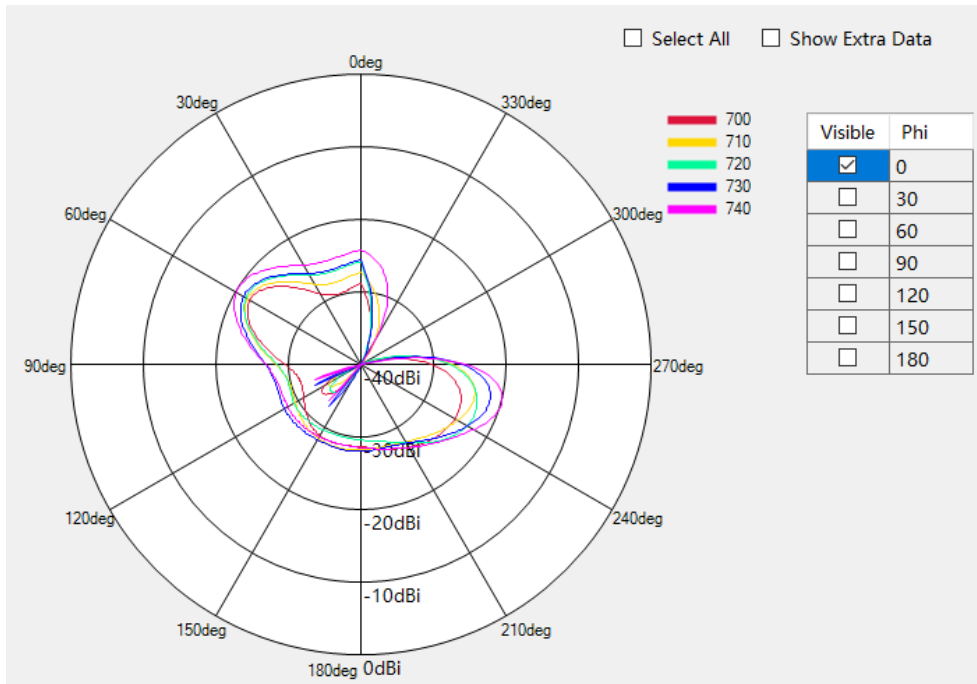
GSM900/WCDMA B8/LTE B8/NR N8 Phi=0deg



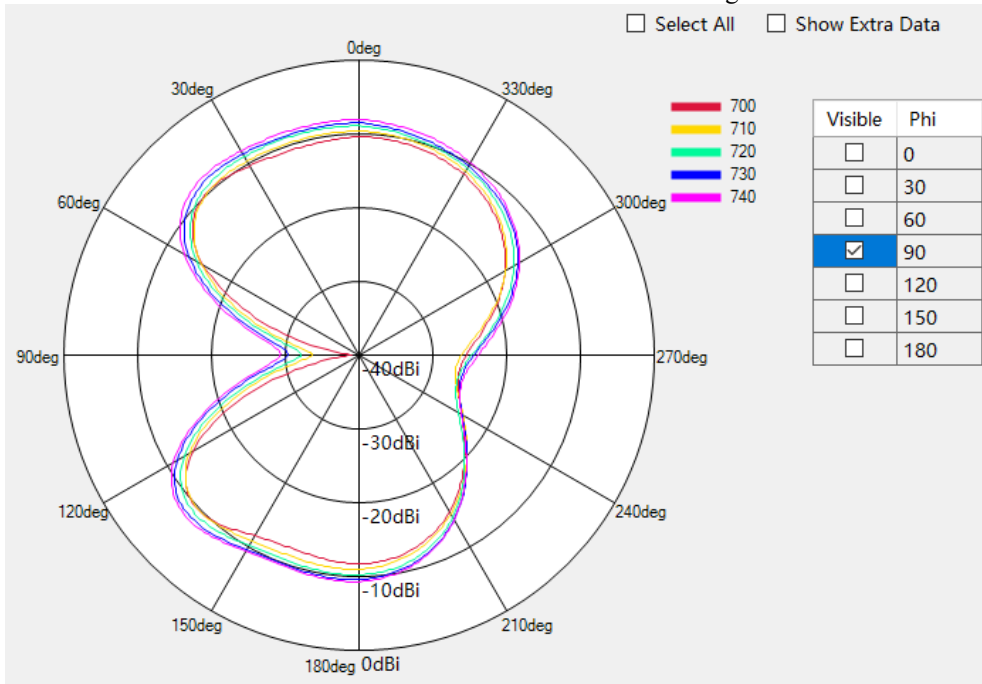
GSM900/WCDMA B8/LTE B8/NR N8 Phi=90deg



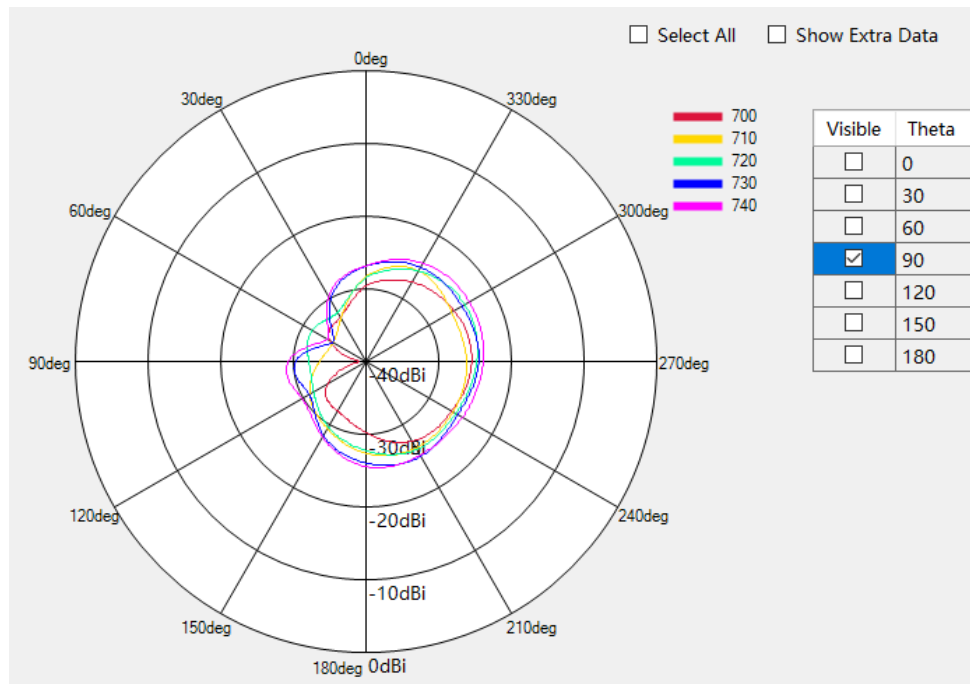
GSM900/WCDMA B8/LTE B8/NR N8 Theta=90deg



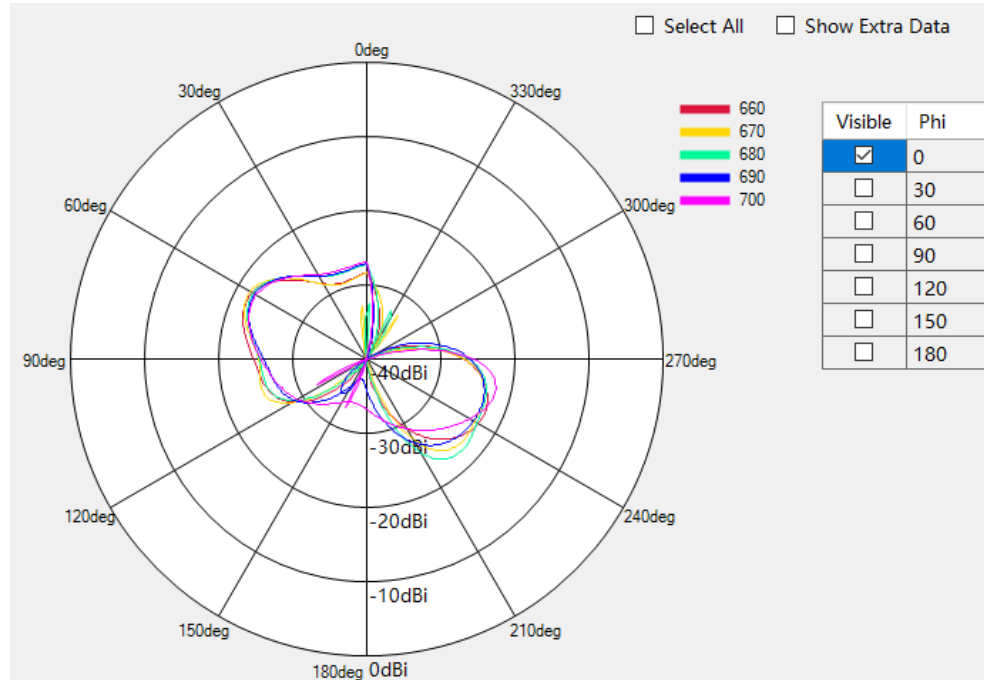
LTE B12/B17/B28/NR N12/N28 Phi=0deg



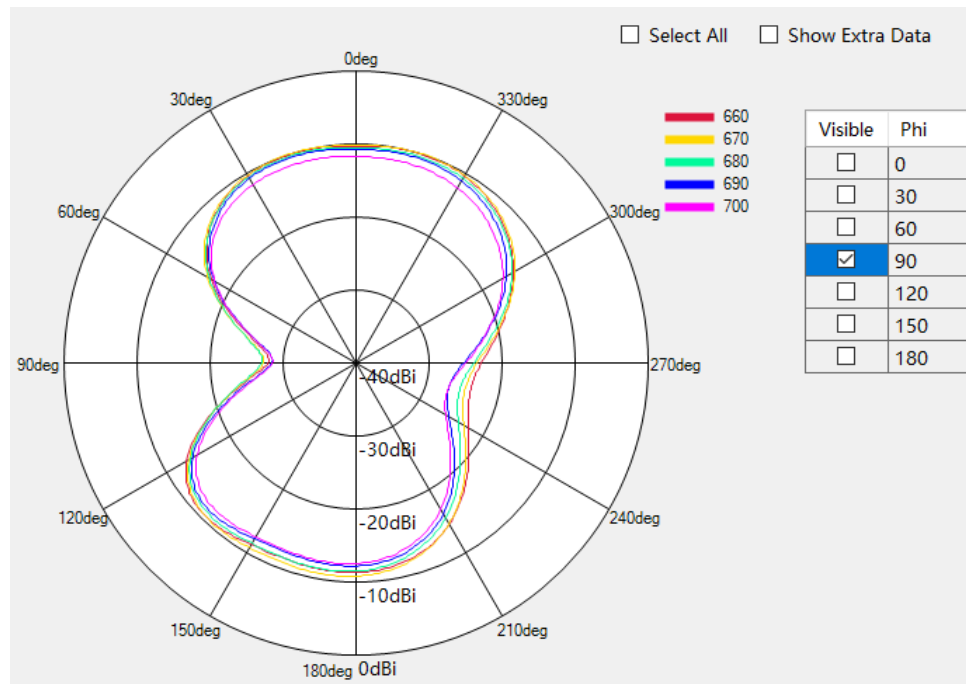
LTE B12/B17/B28/NR N12/N28 Phi=90deg



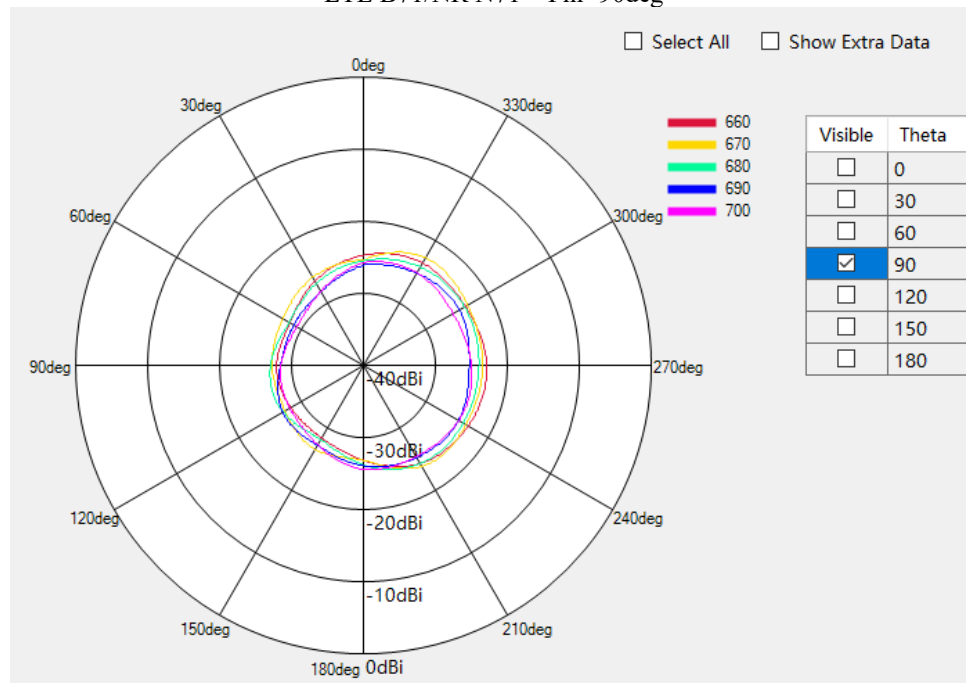
LTE B12/B13/B17/B28/NR N12/N28 Theta=90deg



LTE B71/NR N71 Phi=0deg



LTE B71/NR N71 Phi=90deg



LTE B71/NR N71 Theta=90deg

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

