

Feature

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

Application

- ※ GSM 850/900/DCS/PCS
- WCDMA B1/B2/B4/B5/B8
- LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B13/B20/B28/B38/B41/B42/B66
- NR N1/N3/N5/N7/N8/N12/N20/N28/N38/N41/N66/N77/N78

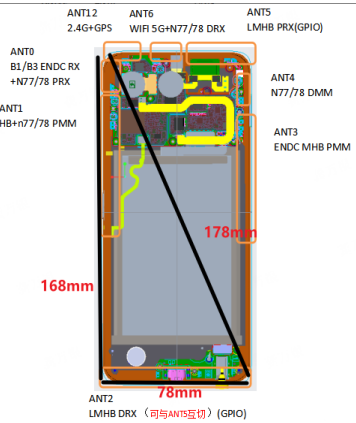
Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen Weichuang Communication Technology Co., Ltd 1-3/F, Building 8, Tongfu Estate Industrial Zone, Dalang Community, Dalang Street, Longhua District, Shenzhen (Shenzhen Headquarters)	KM8-ANT0-WTT-XX-XX KM8-ANT1-WTT-XX-XX KM8-ANT2-WTT-XX-XX KM8-ANT3-WTT-XX-XX KM8-ANT4-WTT-XX-XX KM8-ANT5-WTT-XX-XX KM8-ANT6-WTT-XX-XX KM8-ANT12-WTT-XX-XX (XX:Version-Date)

TYPE	
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 B40/NR N40:2300-2400MHz
	LTE B38/B41/NR N38/N41:2565-2645MHz
	LTE B12/B13/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 B40/NR N40:2300-2400MHz
	LTE B38/B41/NR N38/N41:2565-2645MHz
	LTE B12/B13/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/B40/B41/B42/B66/B71: 23+/- 2dBm
	WCDMA B1/B2/B4/B5/B8: 23+/-2dBm

		NR N1/N3/N5/N7/N8/N12/N20/N28/N38/N41/N66:23+/-2dBm N77/N78:26+/-2dBm
Antenna Gain	ANT5	GSM 850/WCDMA B5/LTE B5/B20/NR N5/N20: -6.14 dBi
		GSM 900/WCDMA B8/LTE B8/NR N8: -5.12 dBi
		DCS /WCDMA B4/LTE B3/B4/B66/NR N3/N66:-2.95 dBi
		PCS/WCDMA B2/LTE B2:-4.31 dBi
		WCDMA B1/LTE B1/NR N1:-3.47 dBi
		LTE B7/B38/B41/NR N7/N38/N41:-4.78 dBi
		LTE B12/B13/B17/B28/NR N12/N28:-7.07 dBi
	ANT3	LTE B1/NR N1:-6.43 dBi
		LTE B3/B4/B66/NR N3/N66:-6.67 dBi
		LTE B7/B38/B41/NR N7/N38/N41:-3.85 dBi
	ANT1	NR N77/N78:-1.64 dBi LTE B42:-2.25 dBi
	ANT4	NR N77/N78:-1.23 dBi LTE B42:-0.21 dBi
	ANT0	NR N77/N78:-4.32 dBi LTE B42:-3.09 dBi
	ANT6	NR N77/N78:-5.68 dBi LTE B42:-7.22 dBi WIFI 5G: -0.45 dBi
	ANT12	GPS:-1.06 dBi WIFI 2.4G:-0.61 dBi
	ANT2	DCS/WCDMA B4/LTE B3/B4/B66/NR N3/N66:-3.43 dBi
		PCS/WCDMA B2/LTE B2:-3.43 dBi
		WCDMA B1/LTE B1/NR N1:-3.2 dBi
		LTE B7/B38/B41/NR N7/N38/N41:-3.3 dBi
		GSM850/WCDMA B5/LTE B5/B20/NR N5/N20:-7.61 dBi
		GSM900/WCDMA B8/LTE B8/NR N8:-6.66 dBi
		LTE B12/B13/B17/B28/NR N12/N28:-7.42 dBi
Type of Modulation		

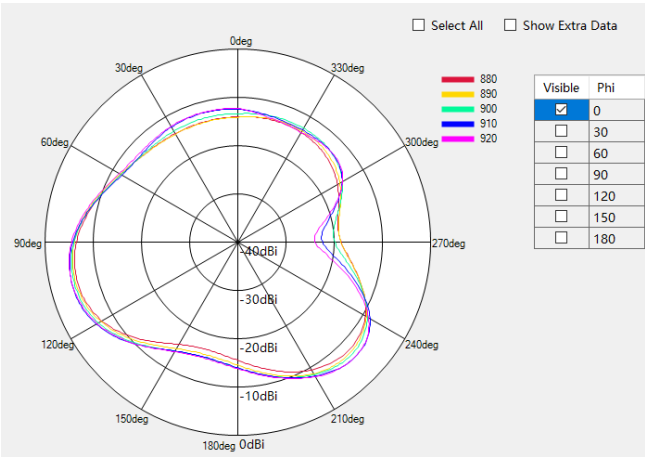
Antenna type
RF Internal Antenna
NFC Internal Antenna

NFC Dimensions

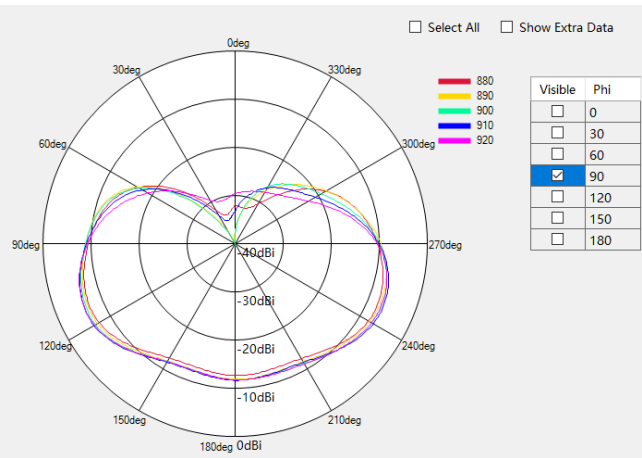


Antenna	Support Band
Ant 0	LTE B1/3/4/66/42 NR N1/3/66/77/78
Ant 1	LTE B7/38/41/42 NR N7/38/41/77/78
Ant 2	GSM 850/900/DCS/PCS WCDMA B1/B2/B4/B5/B8 LTE B1/2/3/4/5/7/8/12/17/13/20/28/38/66/41 NR N1/3/5/7/8/12/20/28/66/38/41
Ant 3	LTE B1/3/4/7/66/38/41 NR N1/3/7/66/38/41
Ant 4	LTE B42 NR N77/78
Ant 5	GSM 850/900/DCS/PCS WCDMA B1/B2/B4/B5/B8 LTE B1/2/3/4/5/7/8/12/17/13/20/28/38/66/41 NR N1/3/5/7/8/12/20/28/66/38/41
Ant 6	WIFI 5G&N77/N78
Ant 12	WIFI 2.4G&GPS

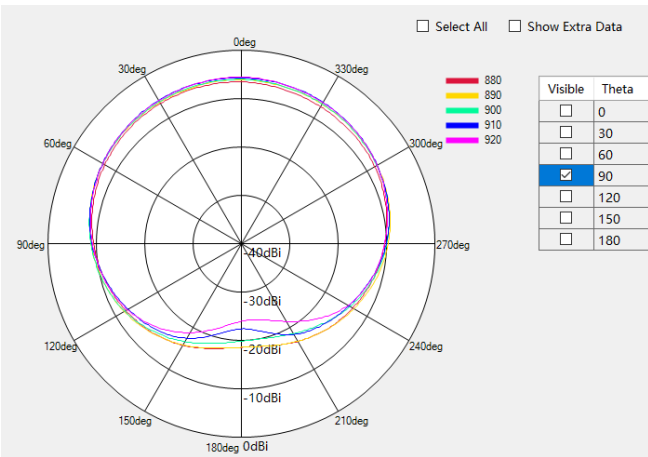
※ Antenna Gain
ANT5



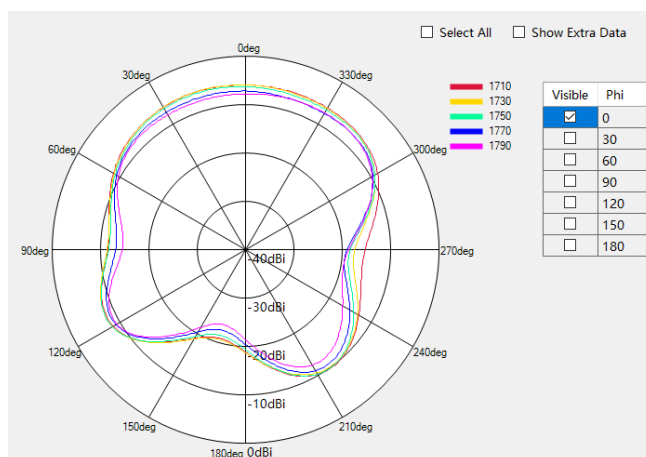
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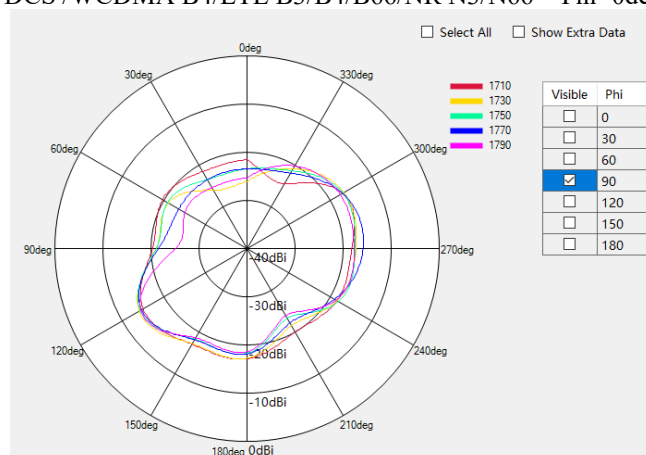
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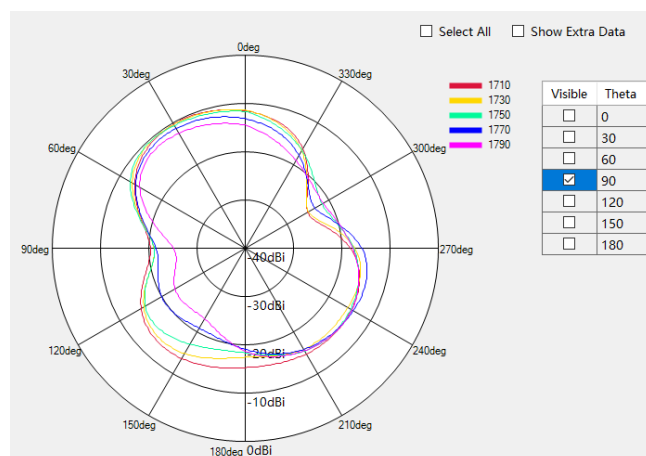
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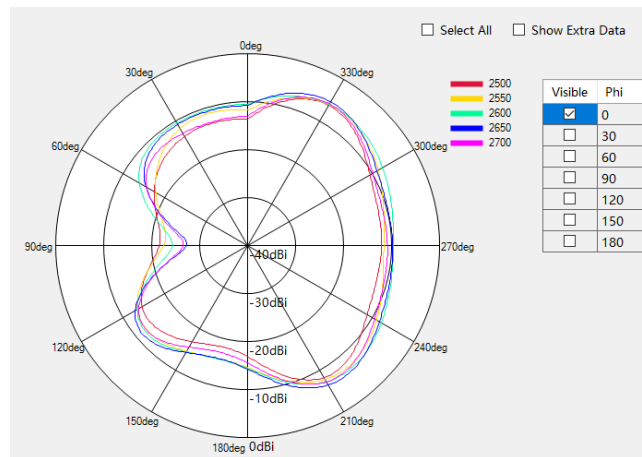
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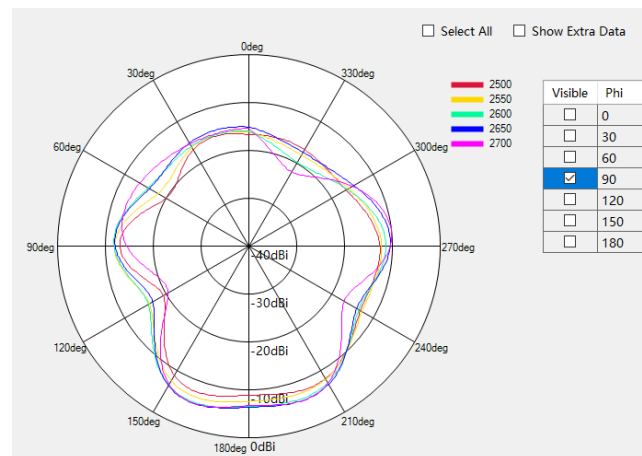
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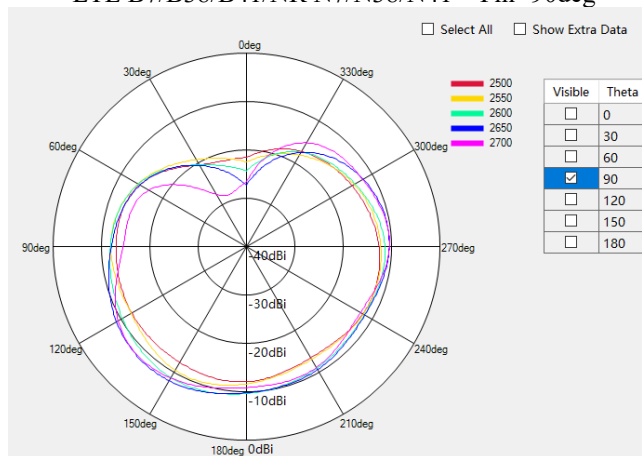
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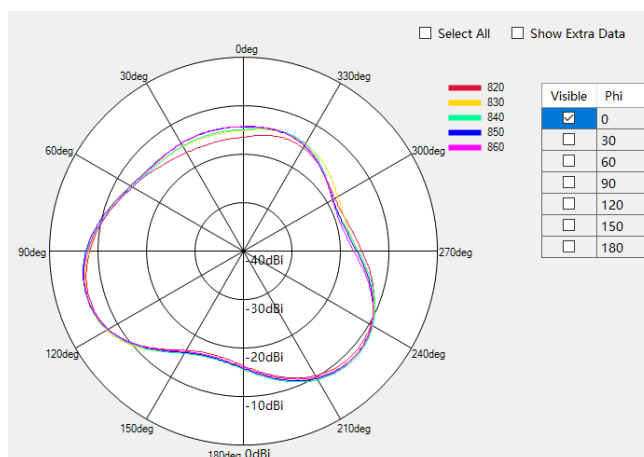
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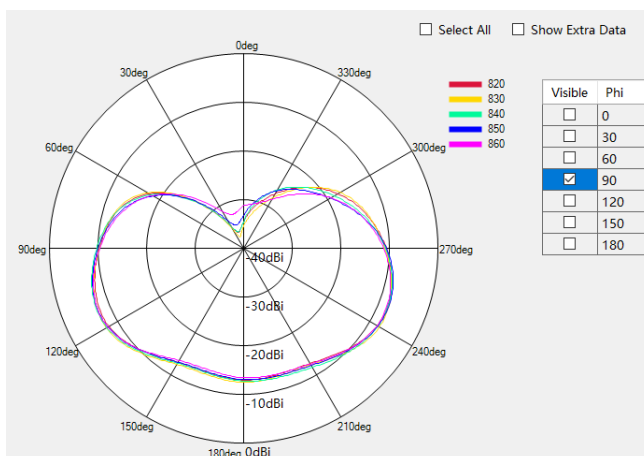
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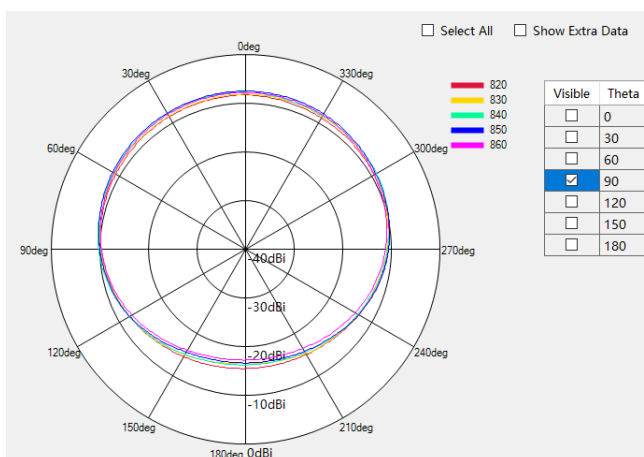
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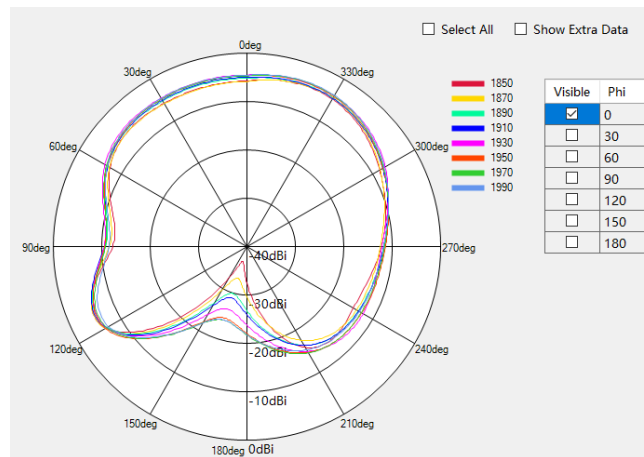
GSM 850/WCDMA B5/LTE B5/B20/NR N5/N20 Phi=0deg



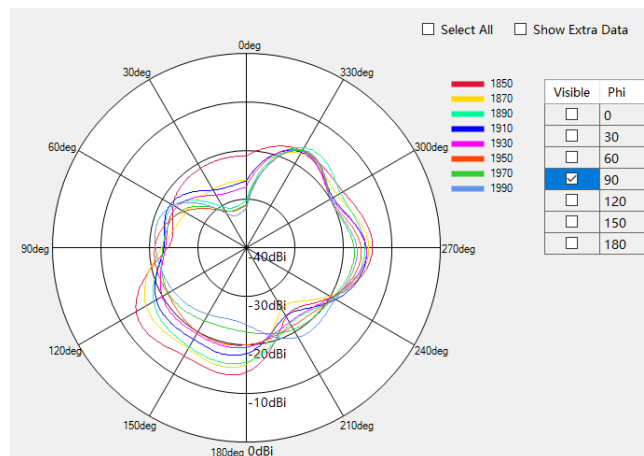
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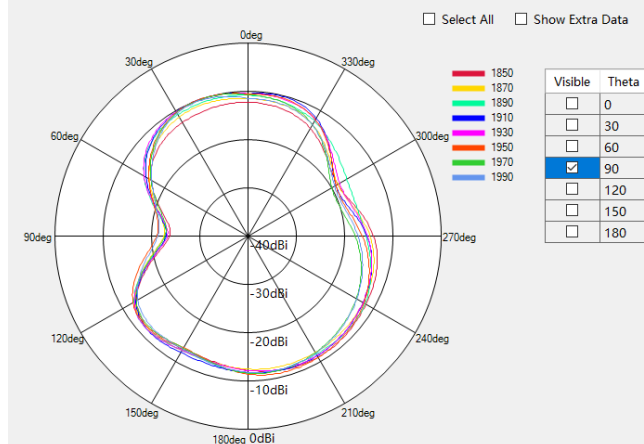
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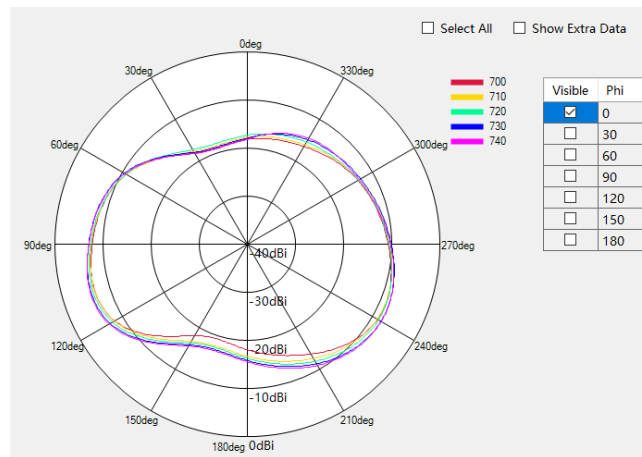
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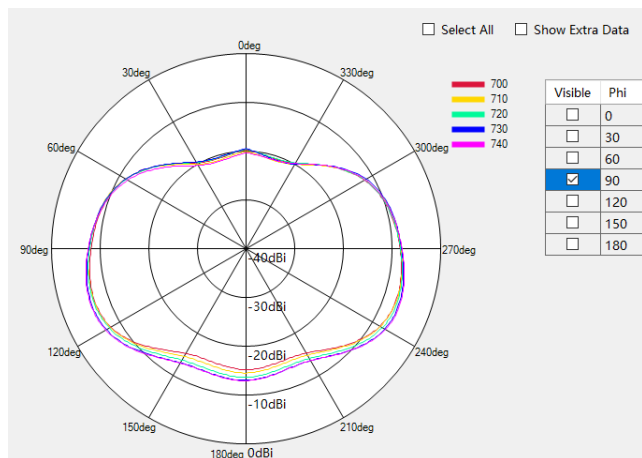
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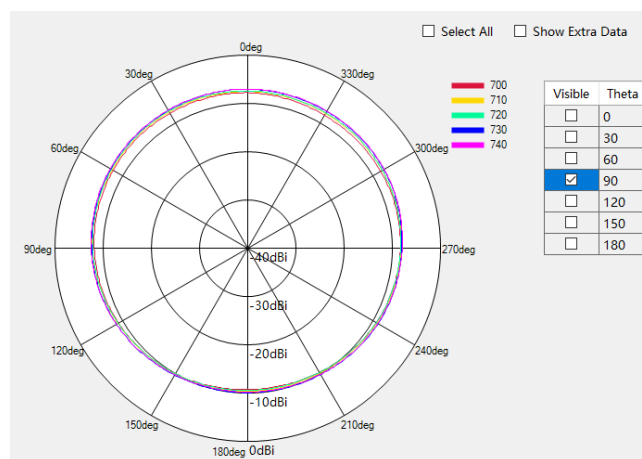
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LTE B12/B13/B17/B28/NR N12/N28 Phi=0deg



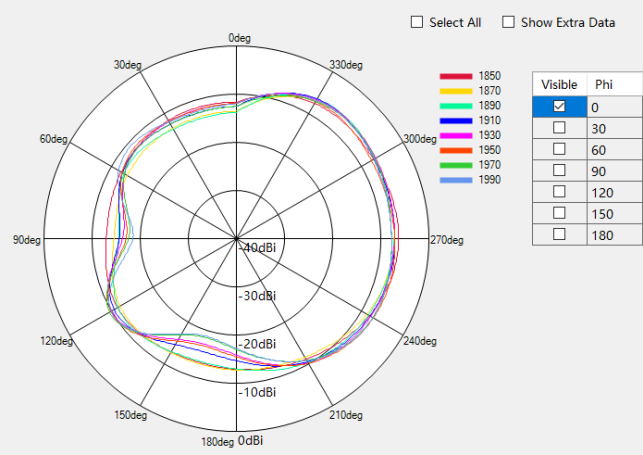
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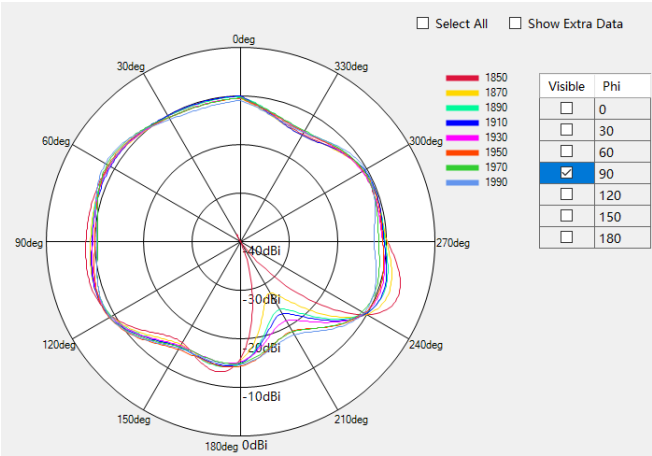
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※ Antenna Gain

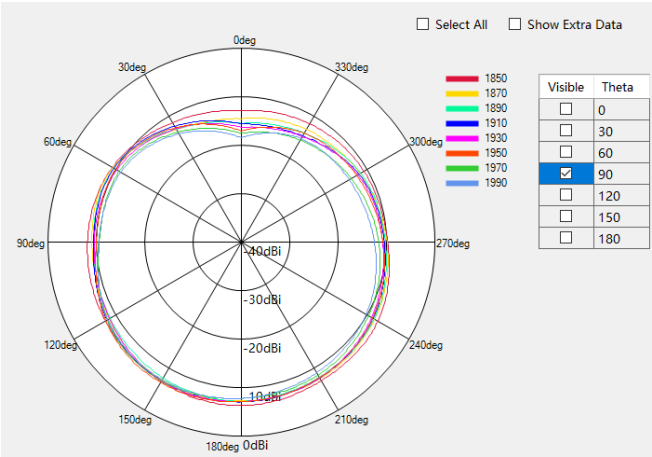
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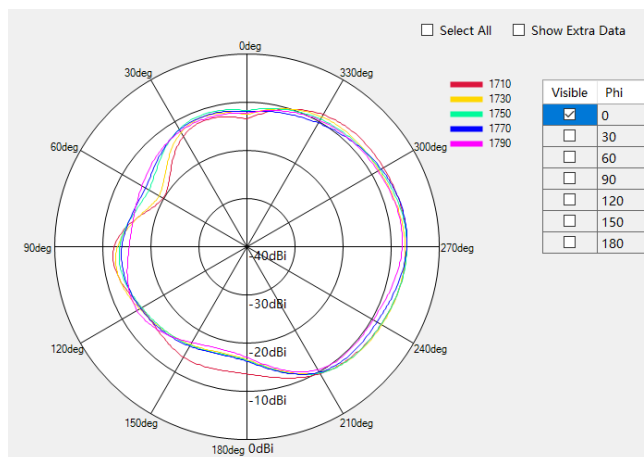
LTE B1/NR N1 Phi=0deg



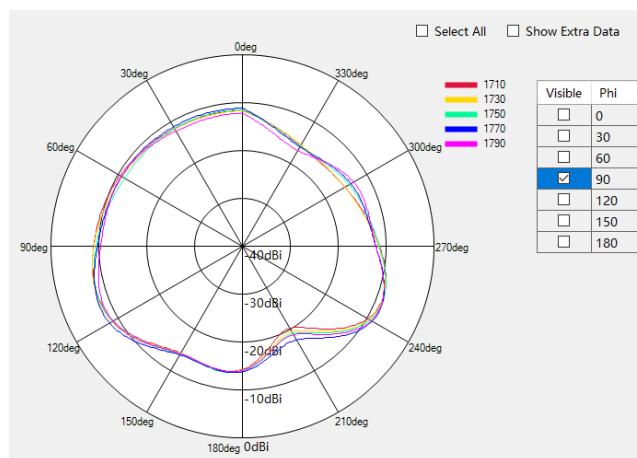
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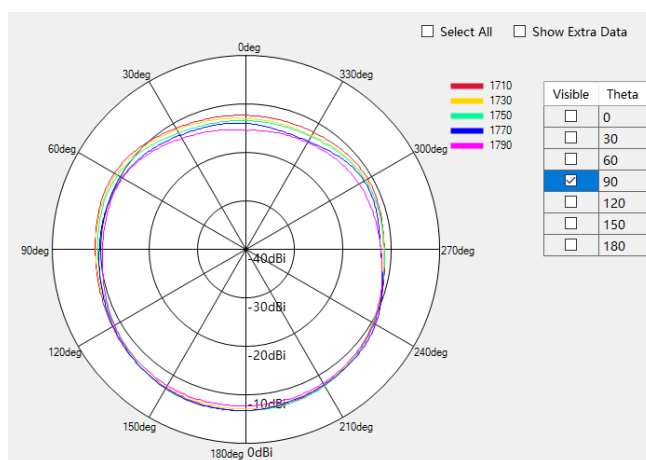
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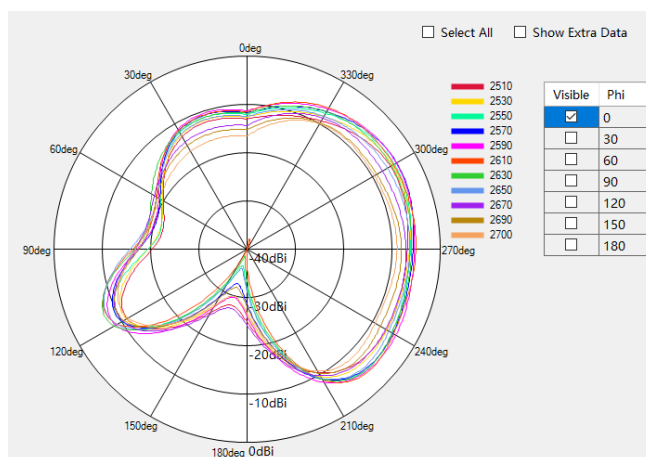
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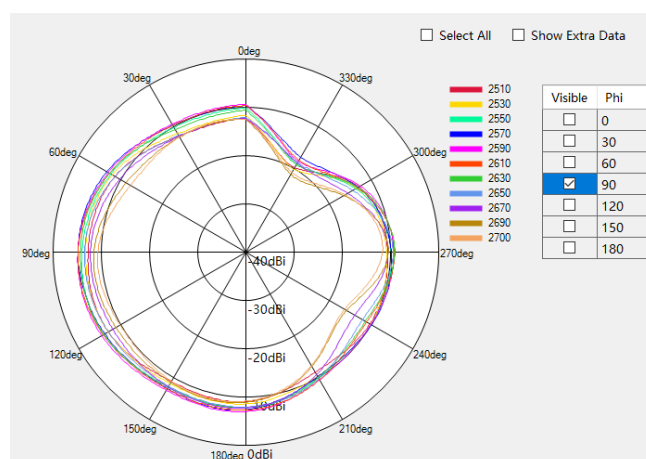
LTE B3/B4/B66/NR N3/N66 Phi=90deg



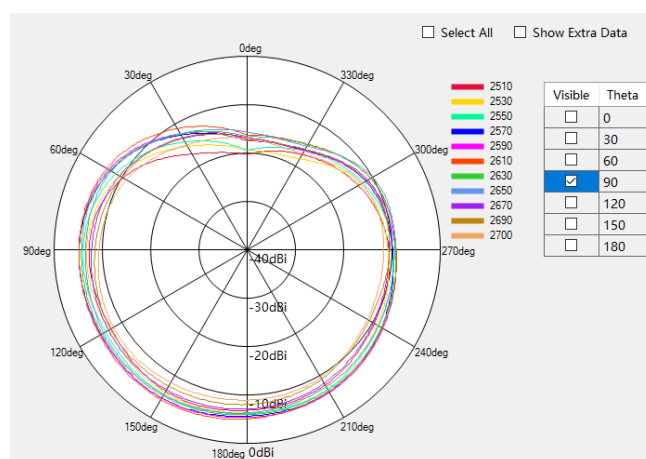
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LTE B7/B38/B41/NR N7/N38/N41 Phi=0deg



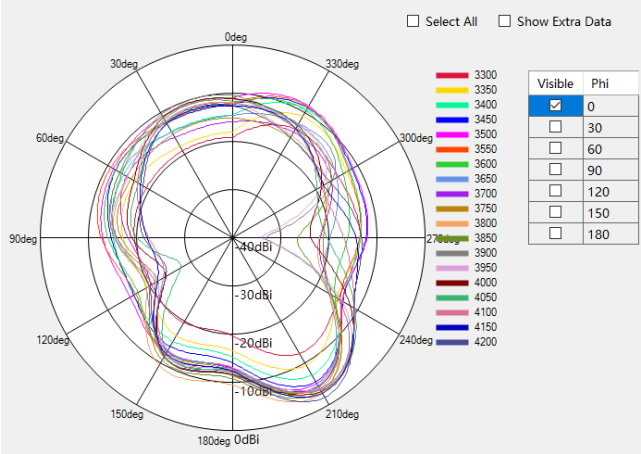
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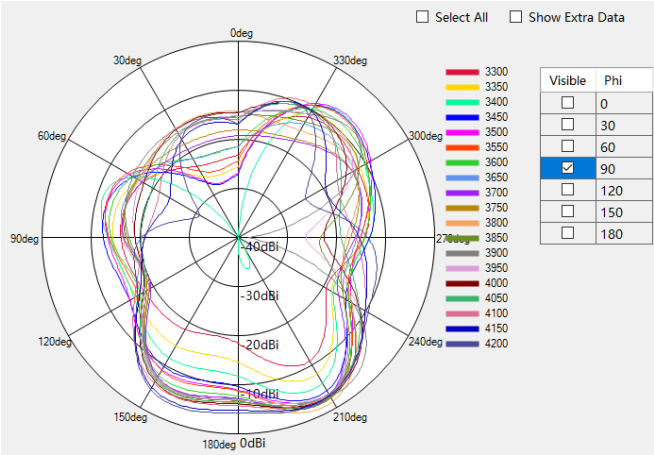
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※ Antenna Gain

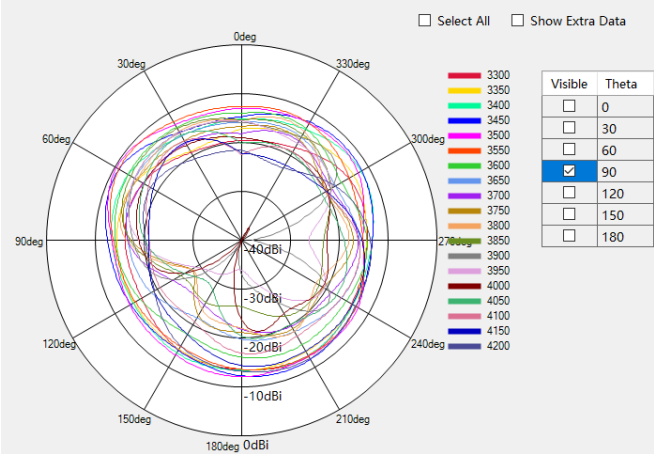
ANT1



LTE B42 / NR N77/N78 Phi=0deg



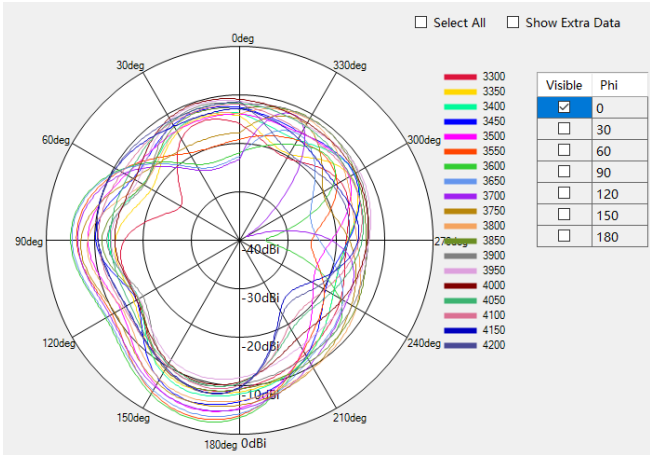
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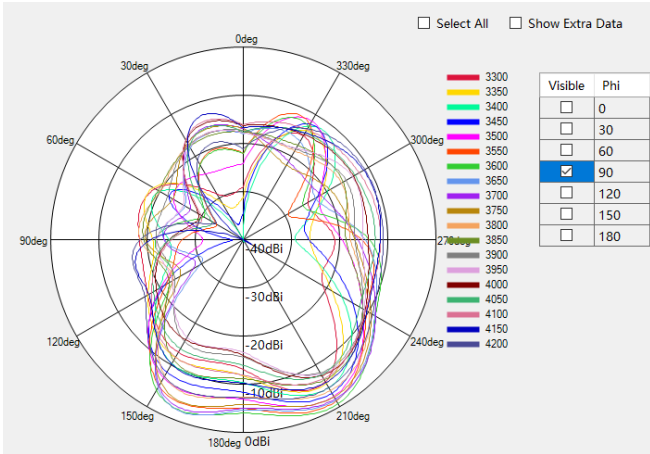
LTE B42 / NR N77/N78 Theta=90deg

※ Antenna Gain

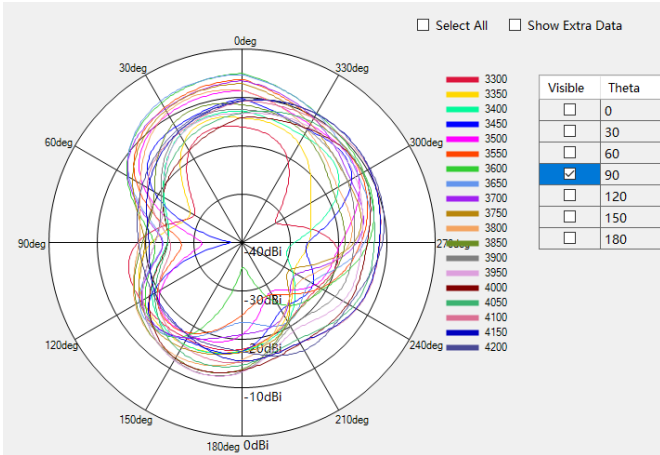
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LTE B42 / NR N77/N78 Phi=0deg



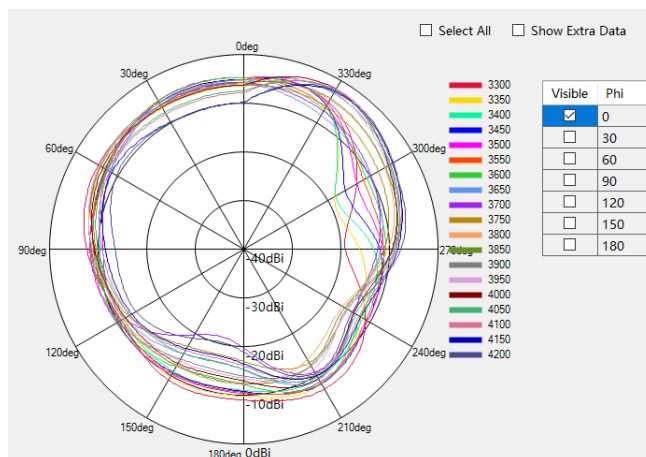
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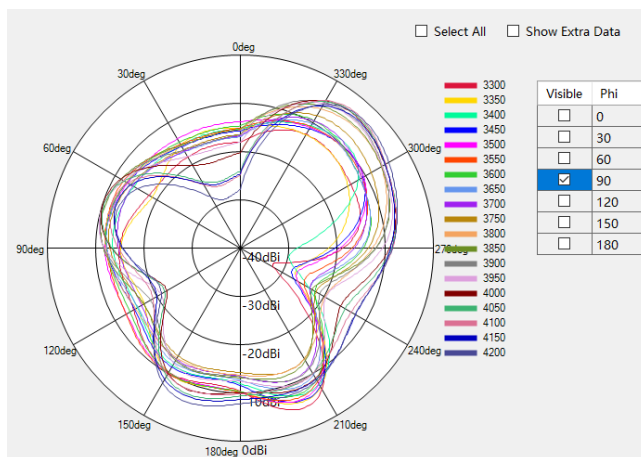
LTE B42 / NR N77/N78 Theta=90deg

※ Antenna Gain

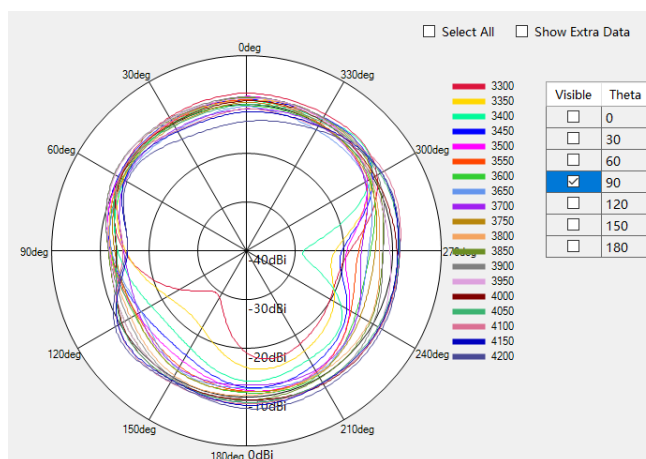
ANT0



LTE B42 / NR N77/N78 Phi=0deg



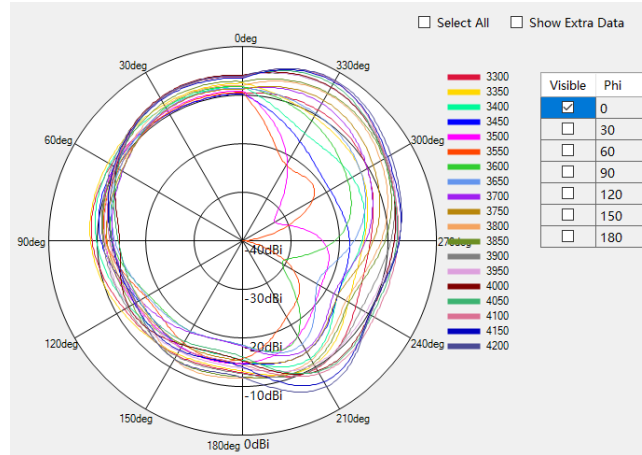
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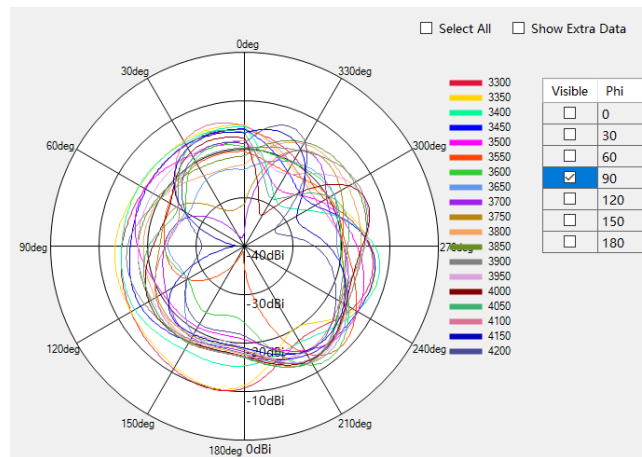
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※ Antenna Gain

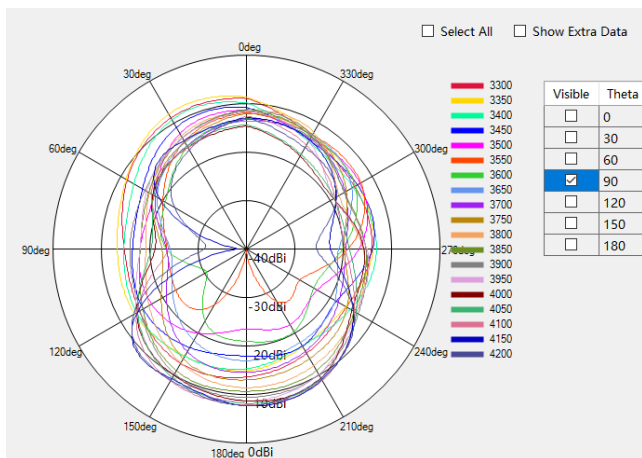
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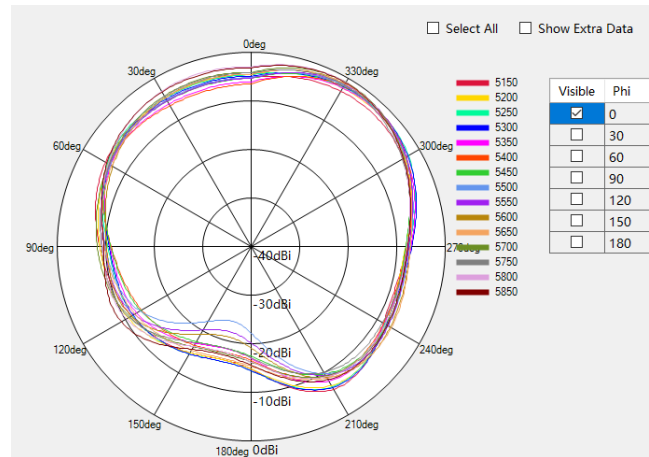
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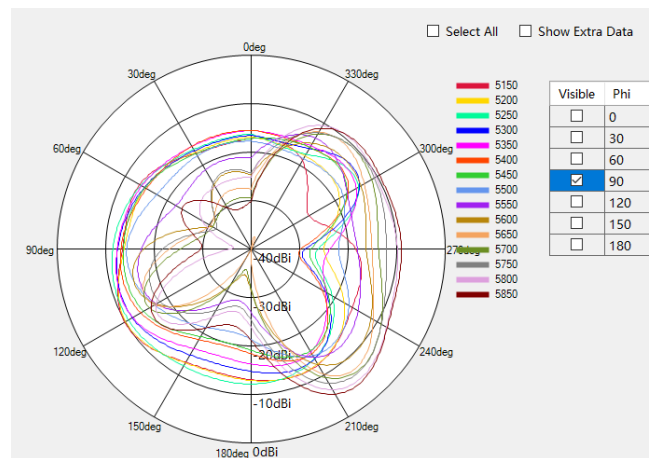
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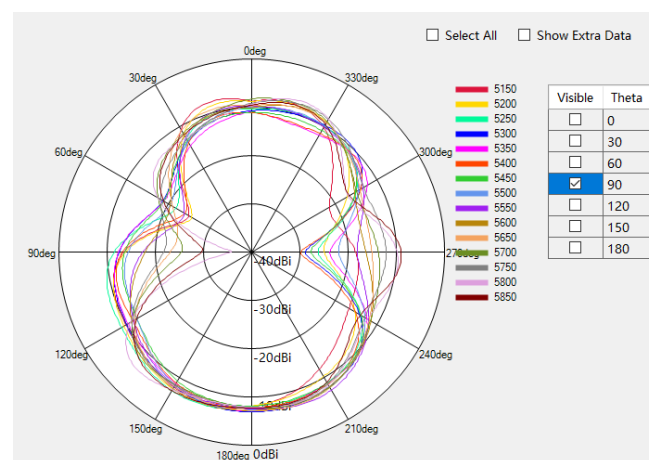
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WFFI 5G Phi=0deg



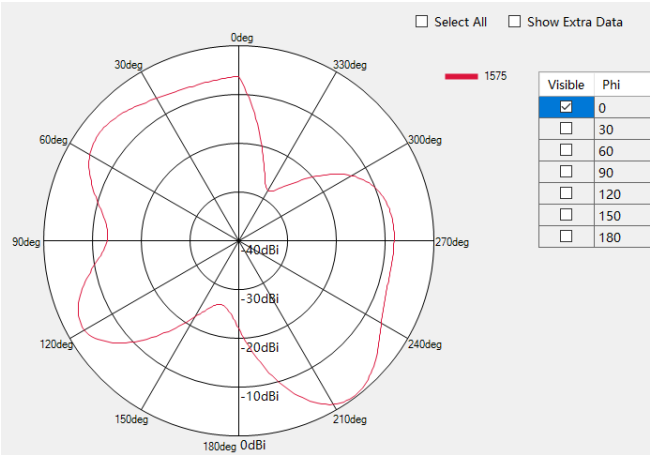
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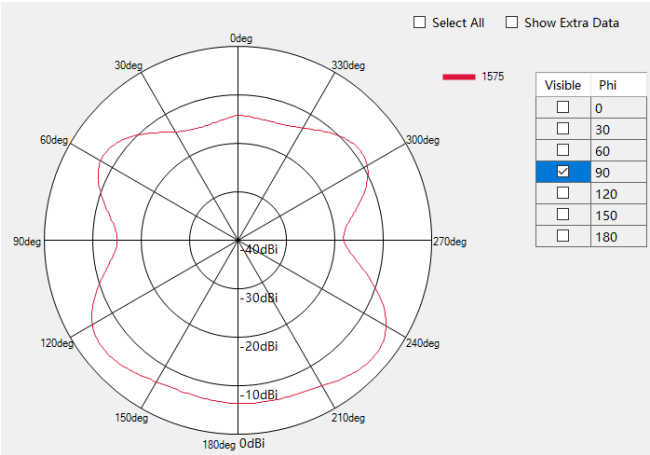
WFFI 5G Theta=90deg

※ Antenna Gain

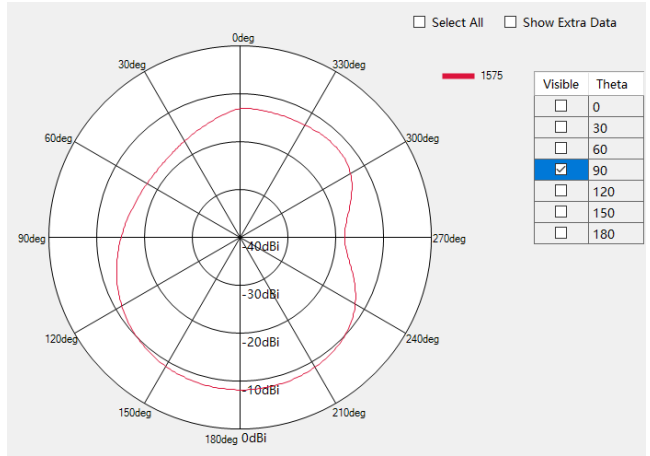
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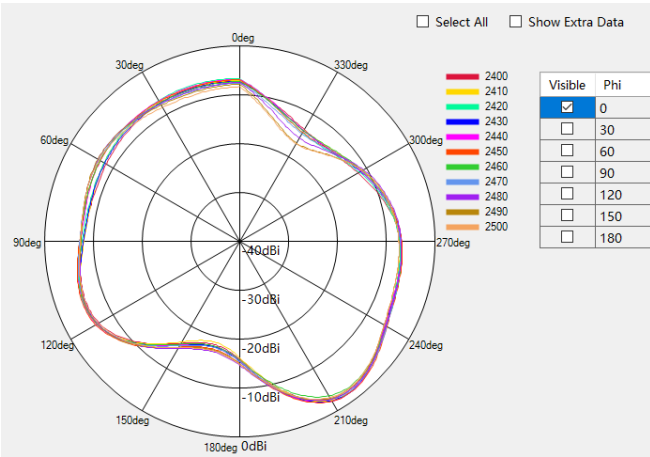
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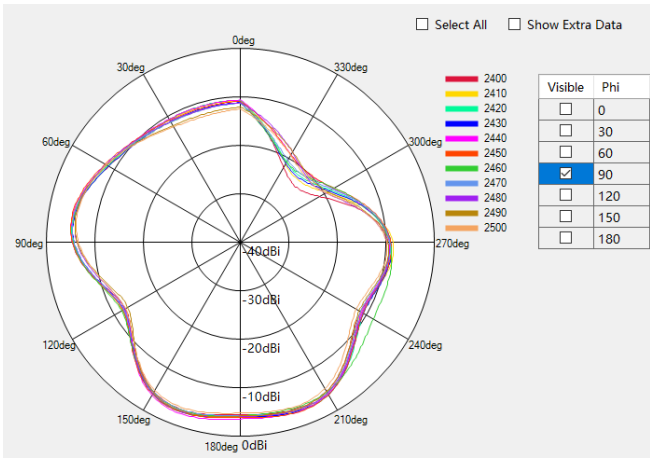
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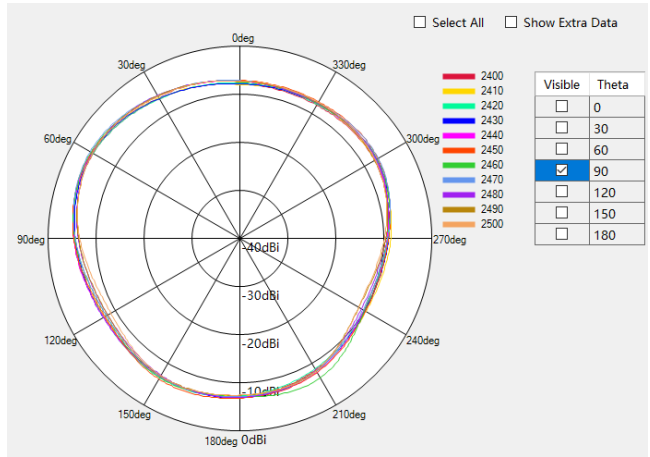
GPS Theta=90deg



WIFI 2.4G Phi=0deg



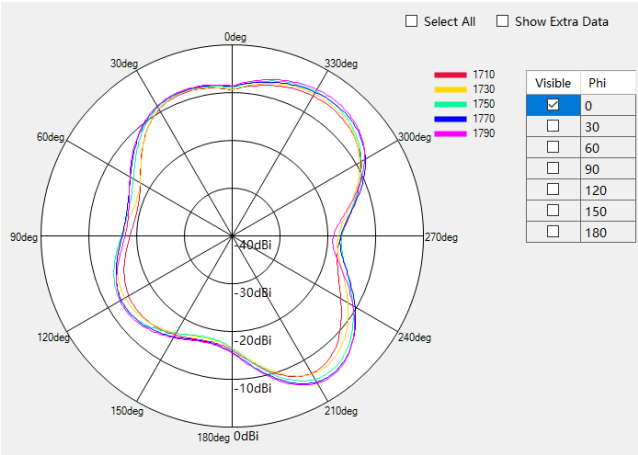
WIFI 2.4G Phi=90deg



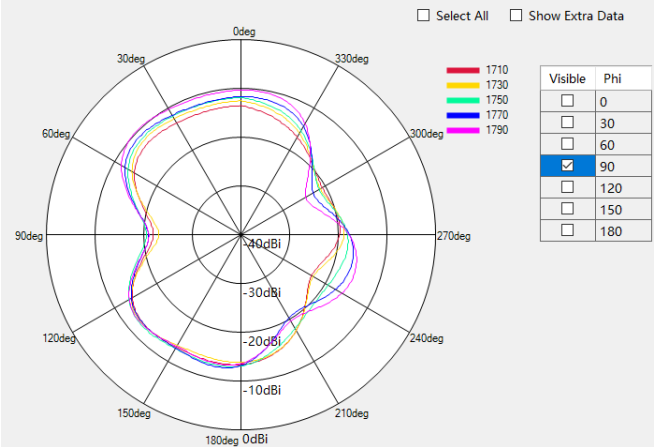
WIFI 2.4G Theta=90deg

※ Antenna Gain

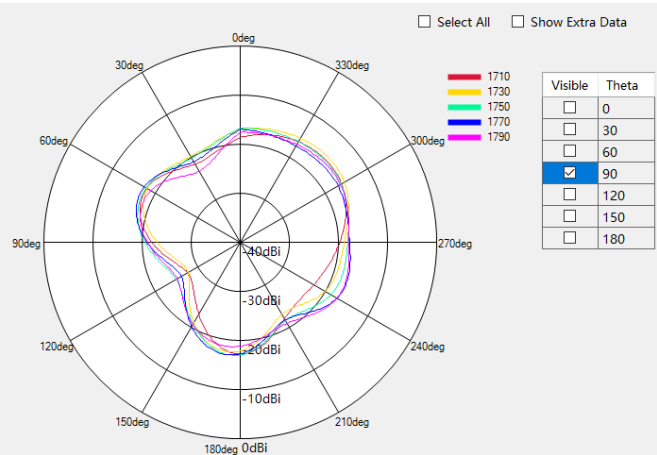
ANT2



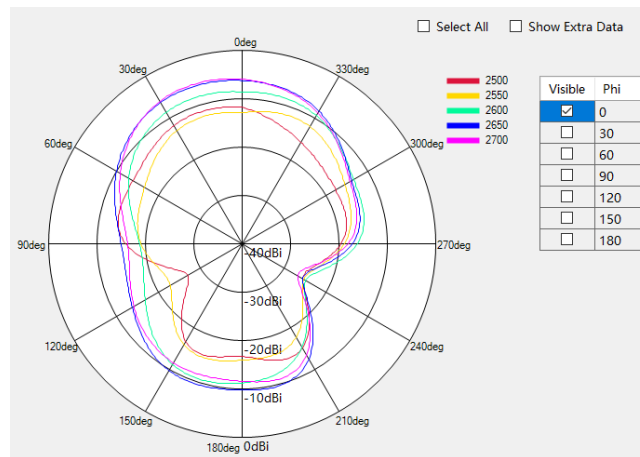
DCS/WCDMA B4/LTE B3/B4/B66/NR N3/N66 Phi=0deg



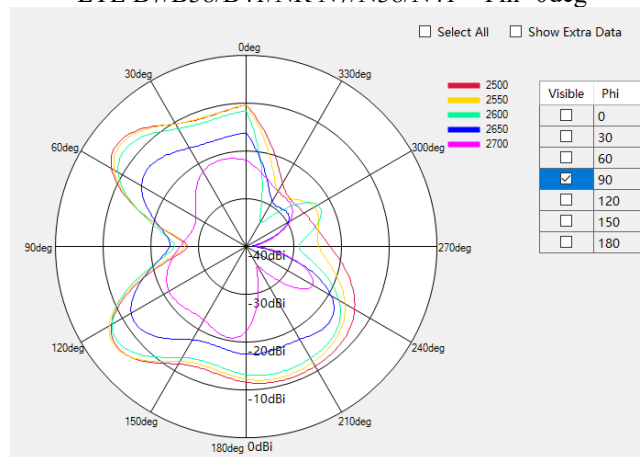
DCS/WCDMA B4/LTE B3/B4/B66/NR N3/N66 Phi=90deg



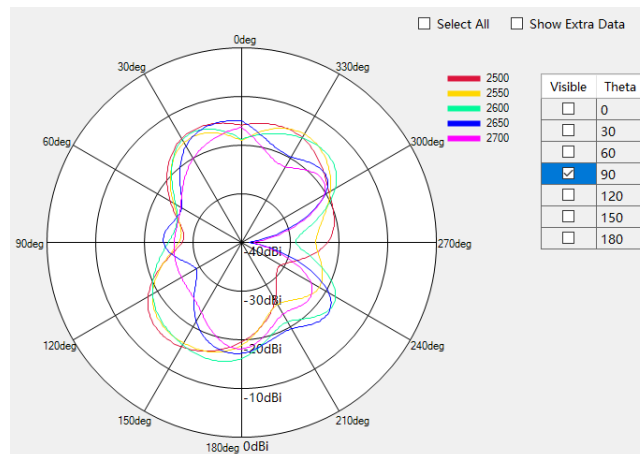
DCS/WCDMA B4/LTE B3/B4/B66/NR N3/N66 Theta=90deg



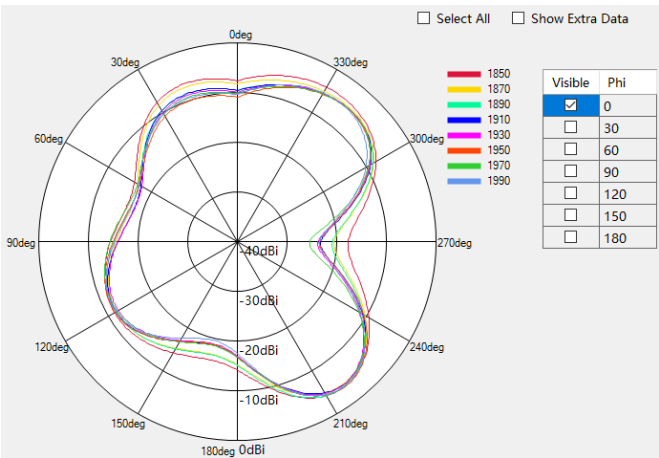
LTE B7/B38/B41/NR N7/N38/N41 Phi=0deg



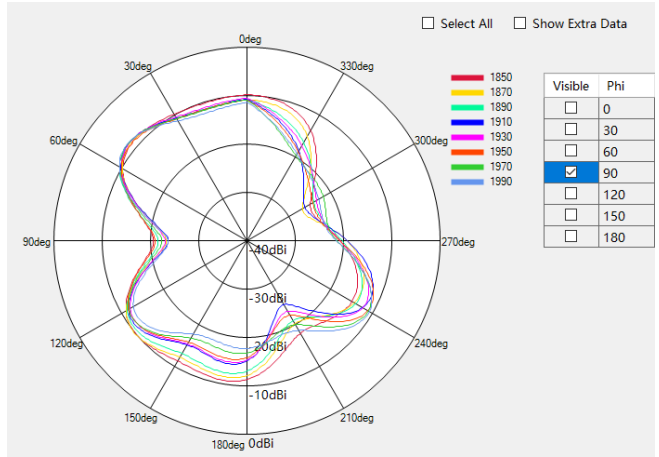
LTE B7/B38/B41/NR N7/N38/N41 Phi=90deg



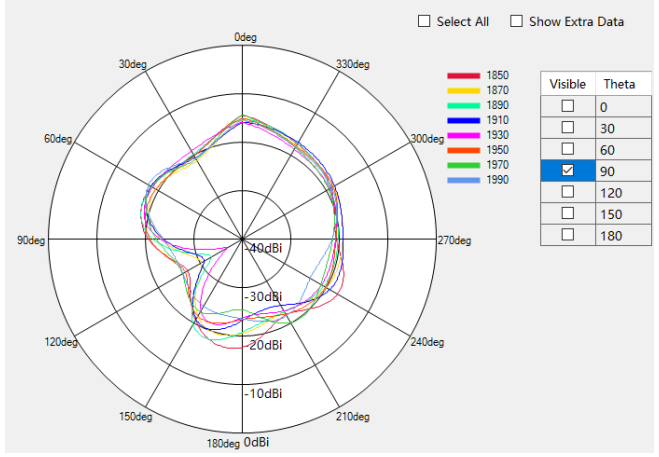
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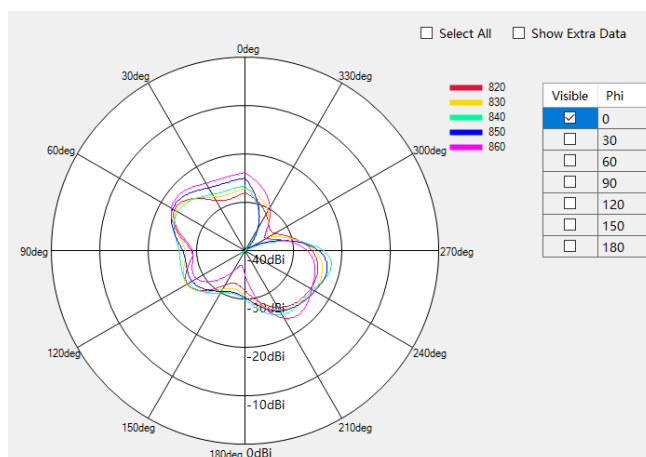
PCS/WCDMA B1/B2/LTE B1/B2/NR N1 Phi=0deg



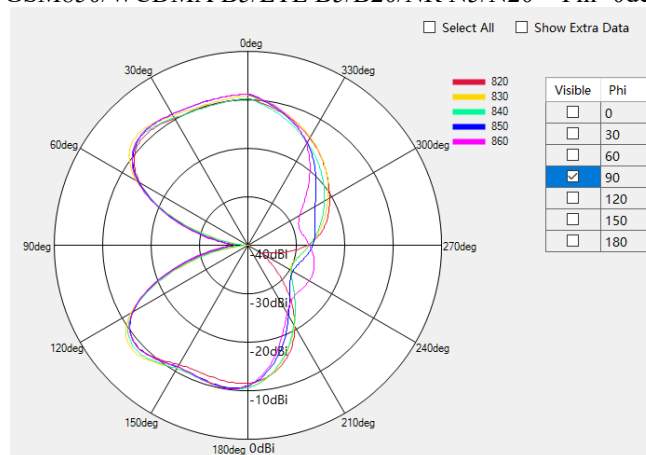
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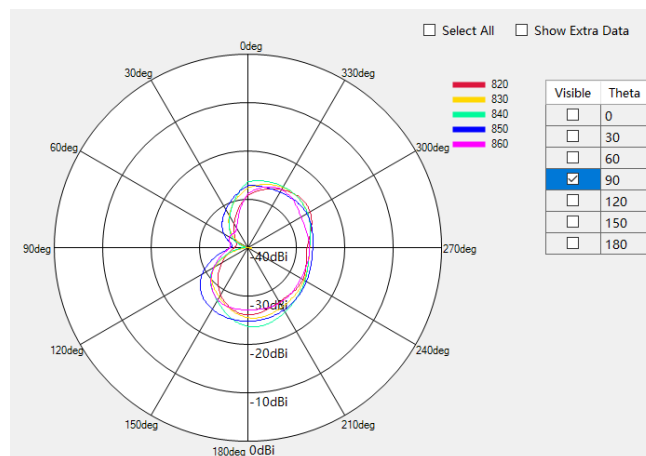
PCS/WCDMA B1/B2/LTE B1/B2/NR N1 Theta=90deg



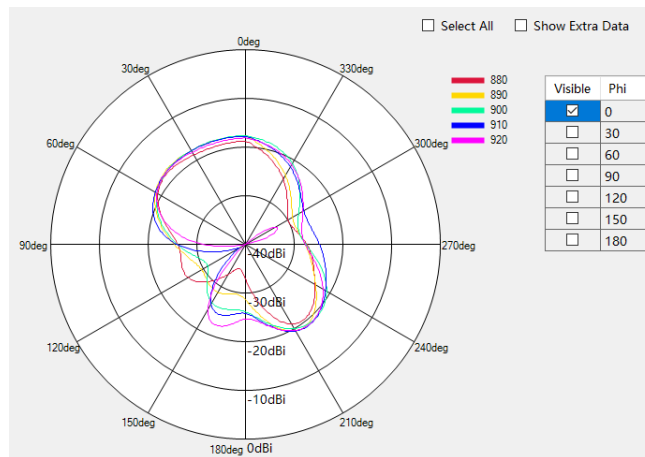
GSM850/WCDMA B5/LTE B5/B20/NR N5/N20 Phi=0deg



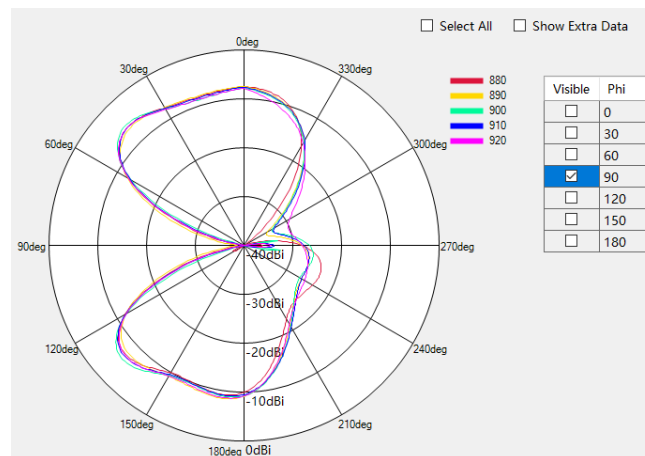
GSM850/WCDMA B5/LTE B5/B20/NR N5/N20 Phi=90deg



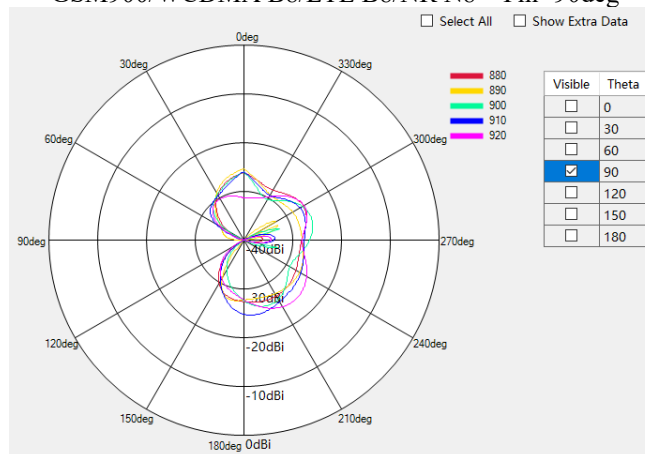
GSM850/WCDMA B5/LTE B5/B20/NR N5/N20 Theta=90deg



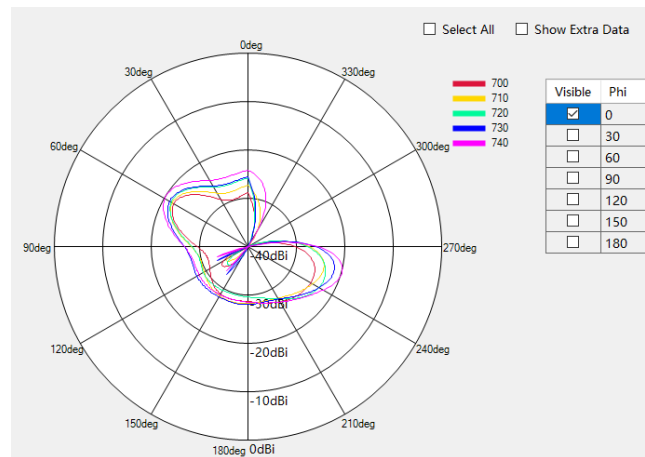
GSM900/WCDMA B8/LTE B8/NR N8 Phi=0deg



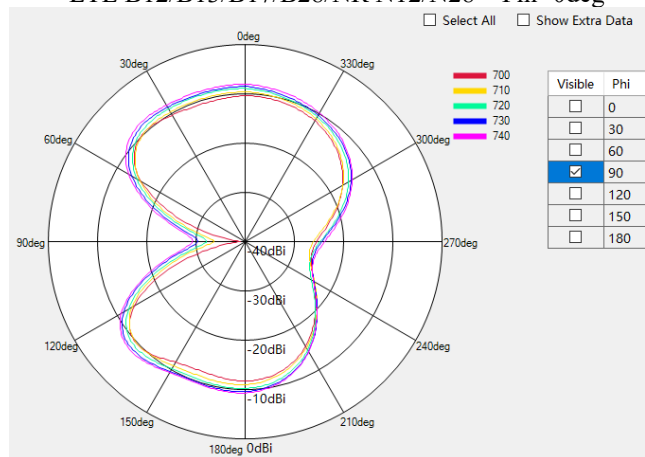
GSM900/WCDMA B8/LTE B8/NR N8 Phi=90deg



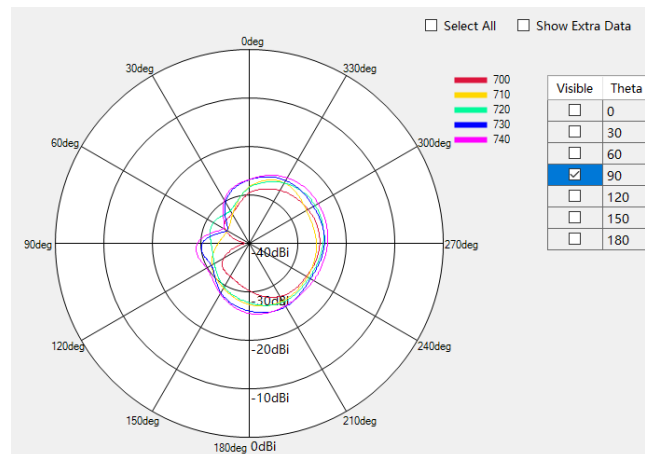
GSM900/WCDMA B8/LTE B8/NR N8 Theta=90deg



LTE B12/B13/B17/B28/NR N12/N28 Phi=0deg



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



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

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