



Feature

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

Application

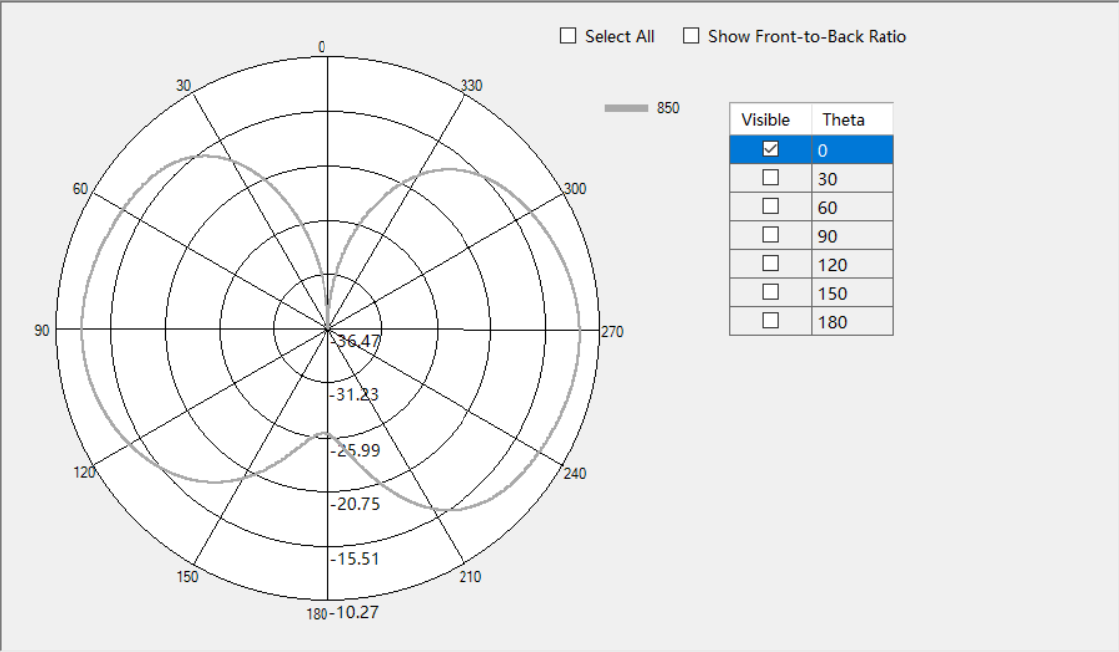
※GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41

Name and address of the antenna manufacturer	Model number of the antenna
Huizhou SPEED Wireless Technology Co., Ltd. No. SX-01-02, Shangxia District, Dongjiang High-Tech Zone, Huizhou City, Guangdong Province	DIV: SPD-X6836-ANT0 MAIN: SPD-X6836-ANT1 5G Wi-Fi: SPD-X6836-ANT14 3IN1: SPD-X6836-ANT12 2.4G Wi-Fi: SPD-X6836-ANT13

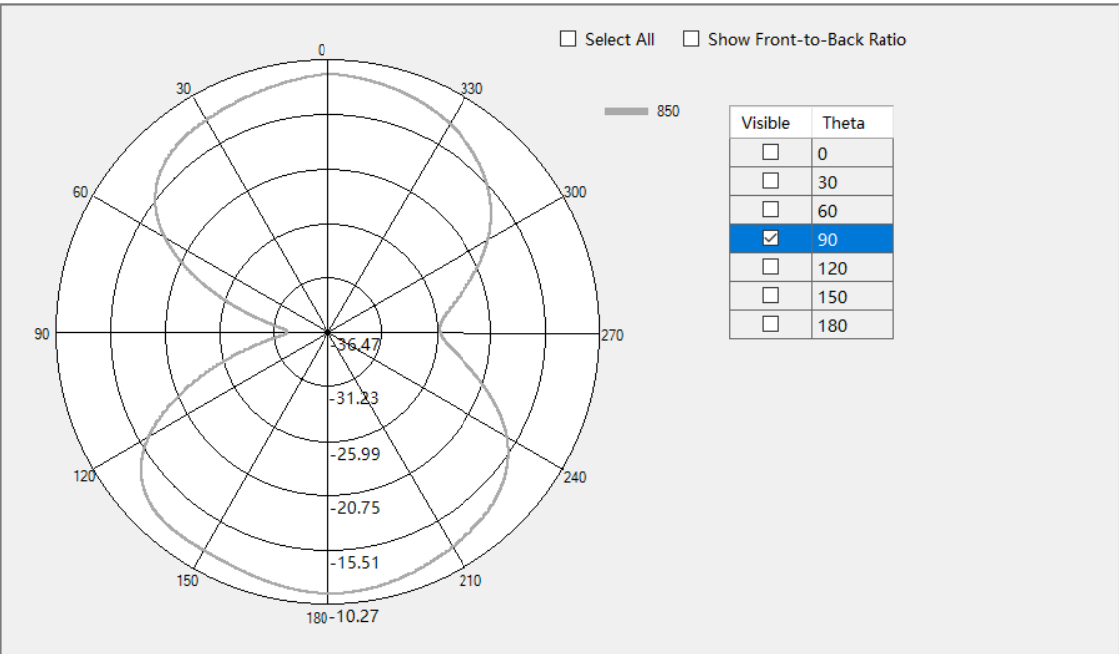
Transmitter Frequency		GSM 850/WCDMA B5/LTE B5 : 824 – 849 MHz
		GSM 900/WCDMA B8/LTE B8: 880 – 915 MHz
		DCS /WCDMA B4/LTE B3/B4: 1710 – 1785 MHz
		PCS/WCDMA B2/LTE B2:1850-1910MHz
		WCDMA B1/LTE B1 : 1920 – 1980MHz
		LTE B7 : 2500-2570
		LTE B40 :2305-2315MHz&2350-2360MHz
		LTE B38: 2570-2620MHz
		LTE B41: 2535-2655MHz
		LTE B20:832-862MHz
		LTE B28:710-755MHz
Receiver Frequency		GSM 850/WCDMA B5/LTE B5: 869 – 894 MHz
		GSM 900/WCDMA B8/LTE B8: 925 – 960 MHz
		DCS/LTE B3: 1805 – 1880 MHz
		WCDMA 4/LTE B4: 2110-2155 MHz
		PCS/WCDMA B2/LTE B2:1930-1990MHz
		WCDMA B1/LTE B1: 2110–2170MHz
		LTE B7: 2500-2570
		LTE B40 :2305-2315MHz &2350-2360MHz
		LTE B38: 2570-2620MHz
		LTE B41: 2535-2655MHz
		LTE B20:791-821MHz
		LTE B28:758-803MHz
Antenna Gain	ANT1	GSM 850/WCDMA B5/LTE B5: -5.7dBi
		GSM 900/WCDMA B8/LTE B8: -3.9dBi
		DCS /WCDMA B4/LTE B3/B4: -1.65dBi
		PCS/WCDMA B2/LTE B2: -0.2dBi
		WCDMA B1/LTE B1: -0.2dBi
		LTE B7/B38/B41: -0.51dBi
		LTE B40: -1.83&-1.62dBi
		LTE B20:-5.7dBi
		LTE B28:-4.9dBi
	ANT12	Bluetooth, 2.4G Wi-Fi: -1.22dBi
	ANT14	5G Wi-Fi:-0.9dBi
	ANT13	2.4G Wi-Fi:-2.21dBi

※ Antenna Gain

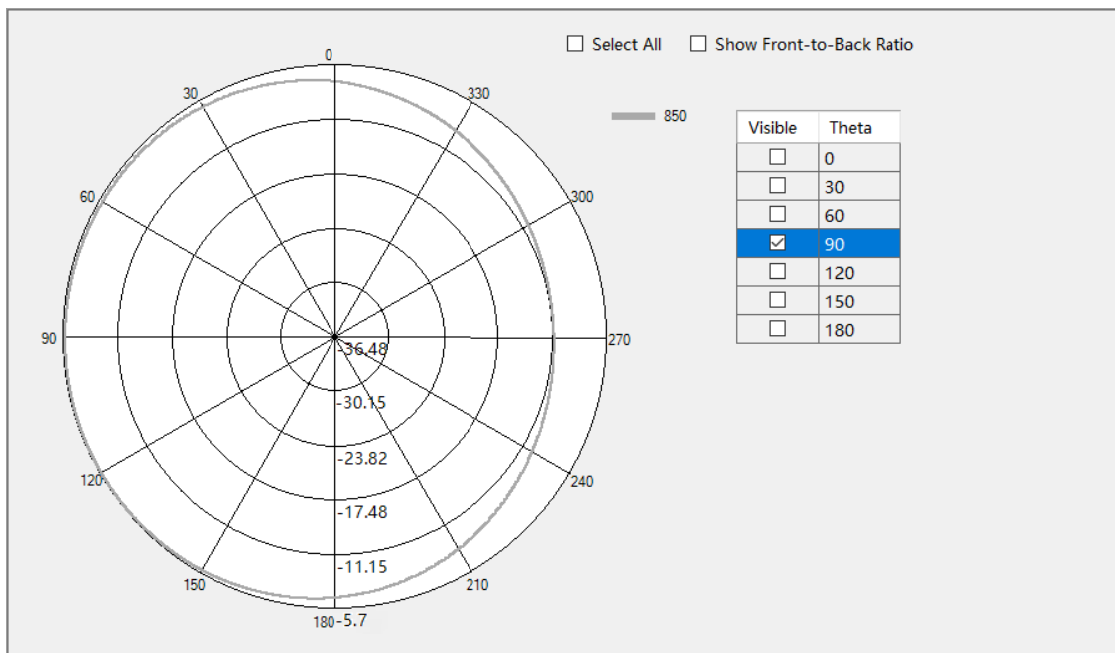
ANT1



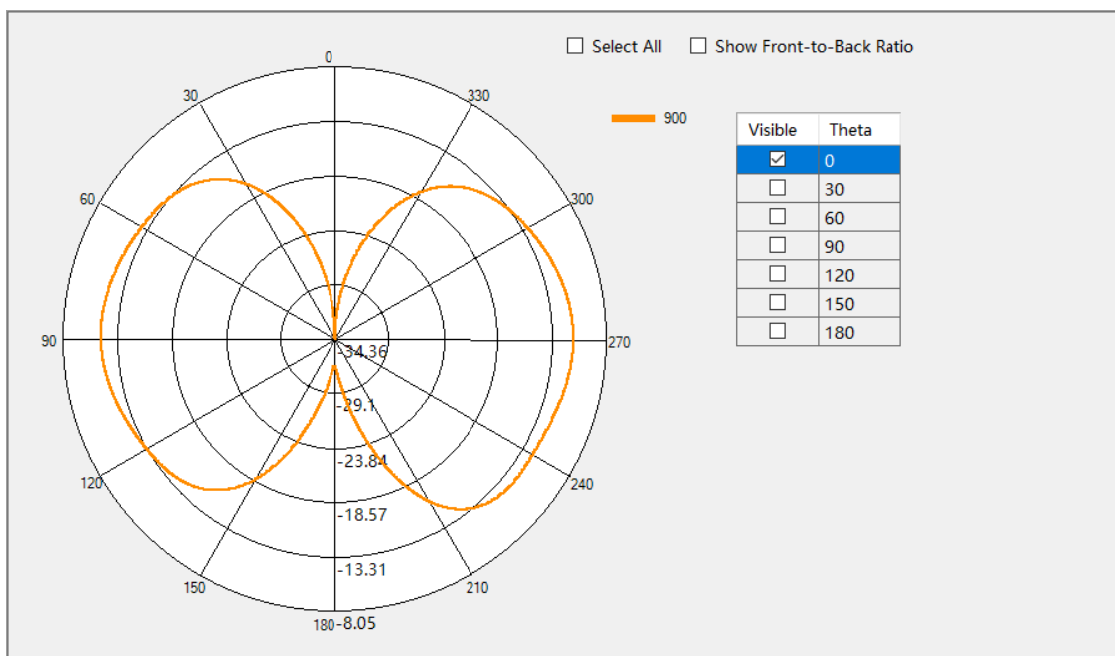
GSM850 / WCDMA B5 / LTE B5/B20 Phi=0deg



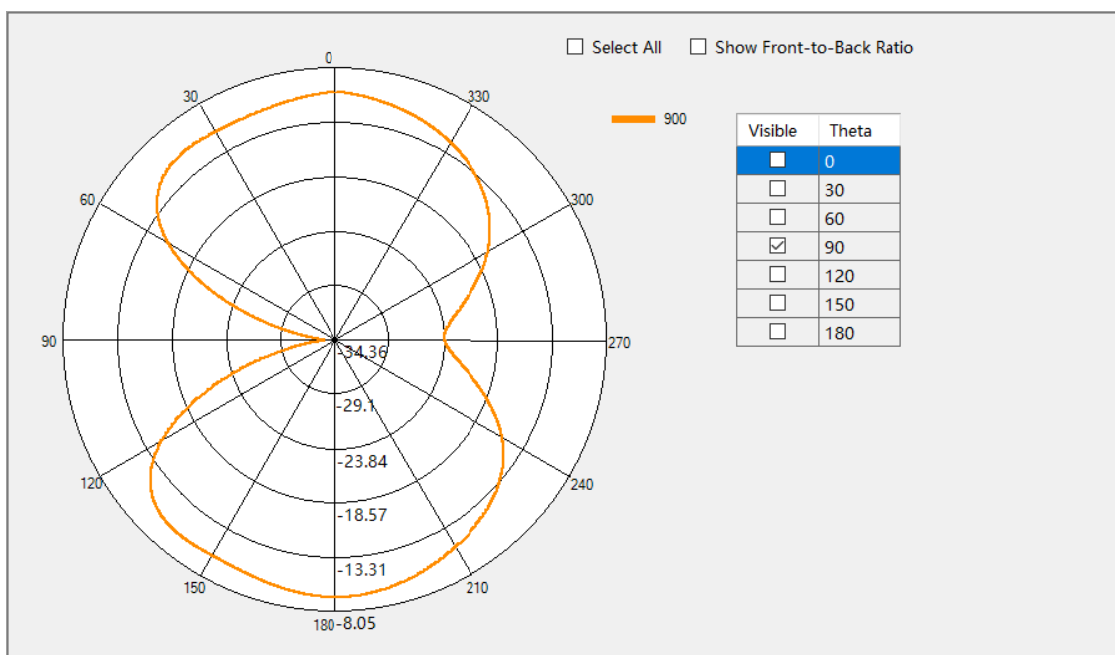
GSM850 / WCDMA B5 / LTE B5/B20 Phi=90deg



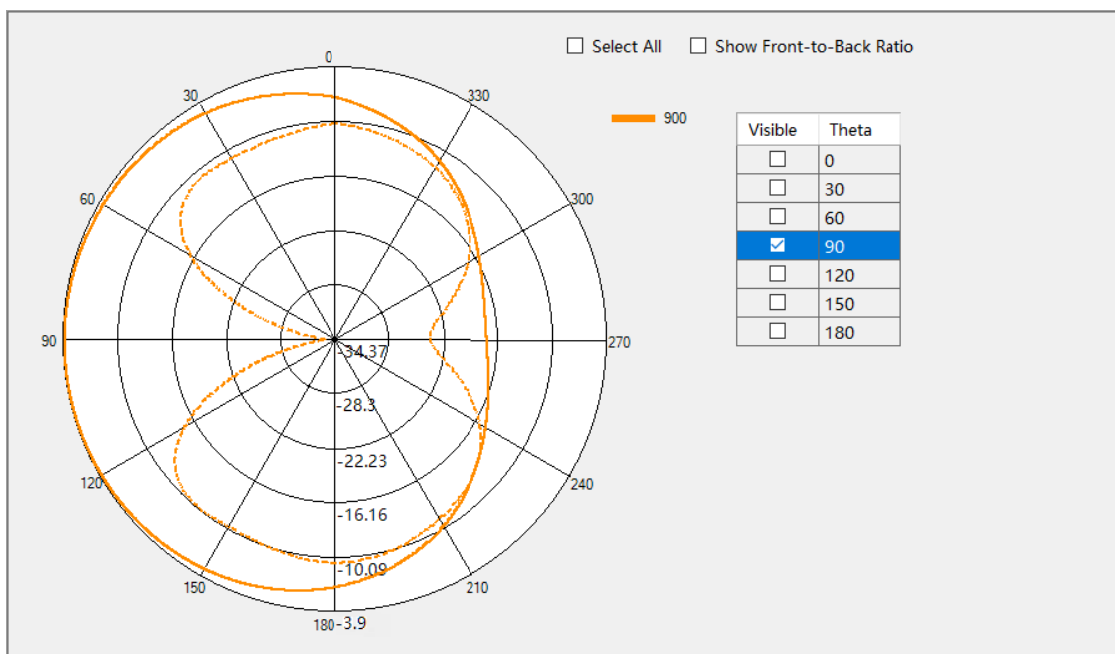
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg



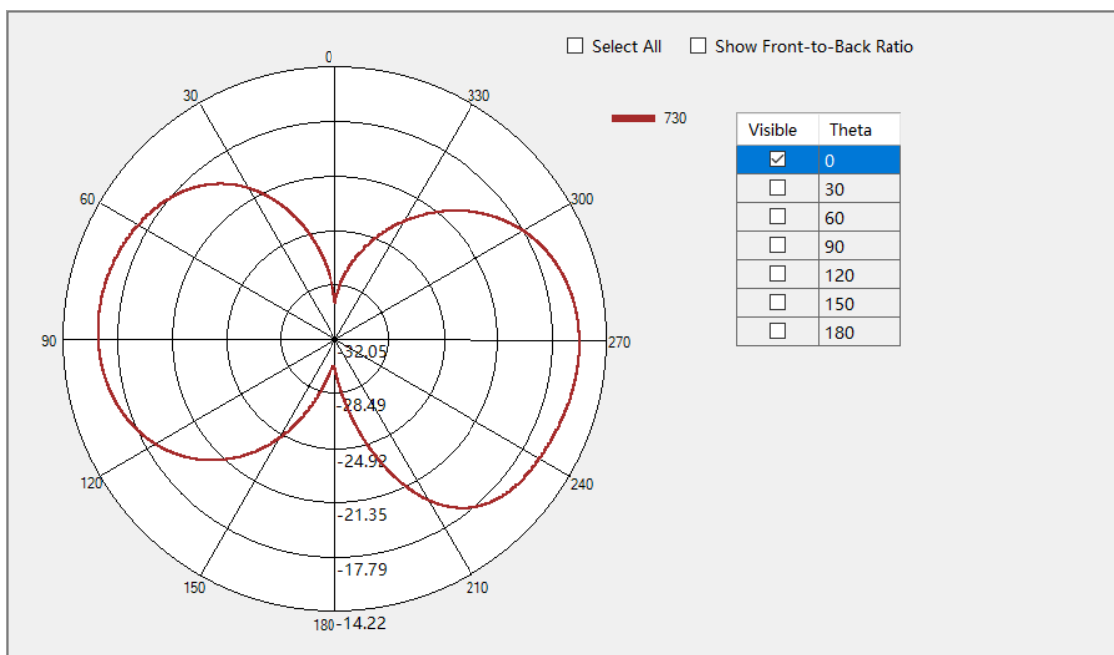
LTE B8 G900 W8 Phi=0deg



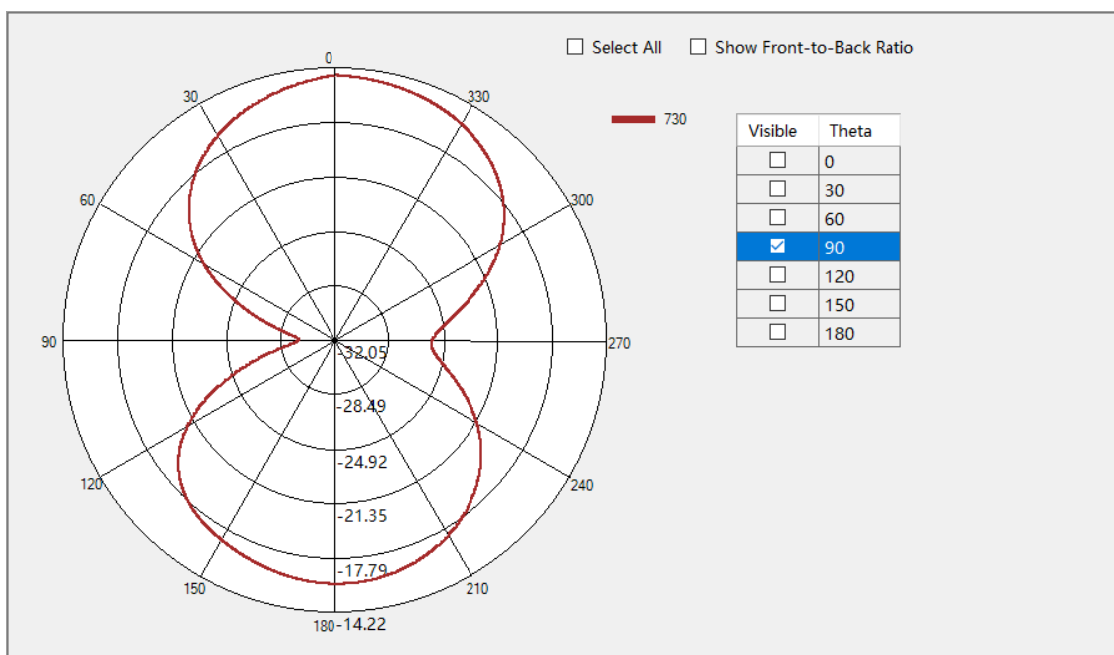
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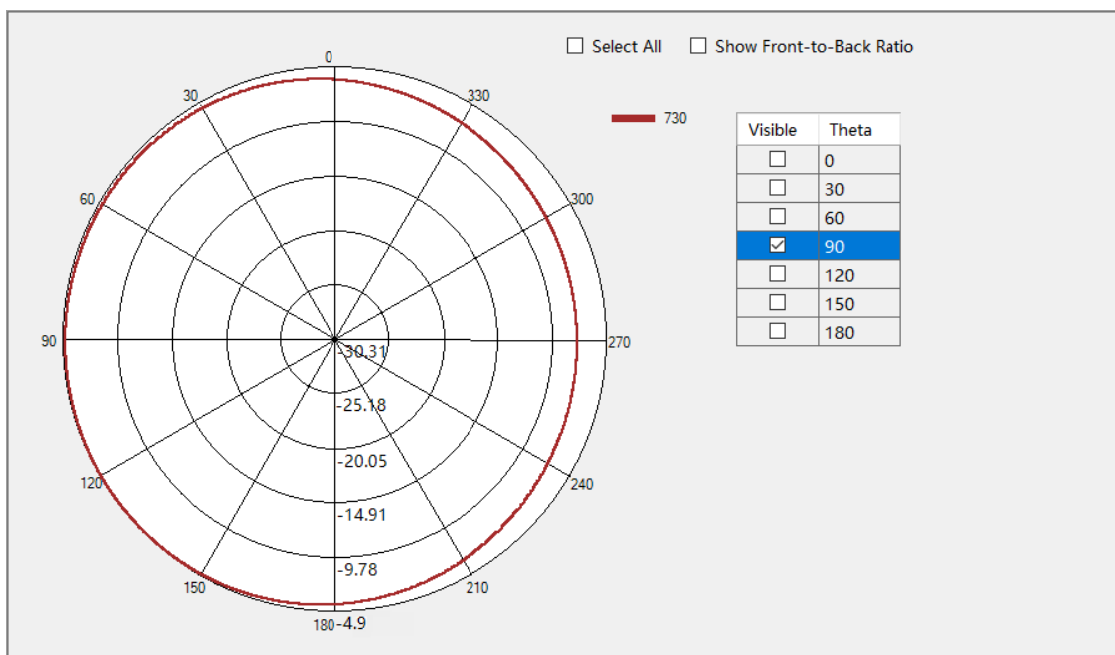
LTE B8 G900 W8 Theta=90deg



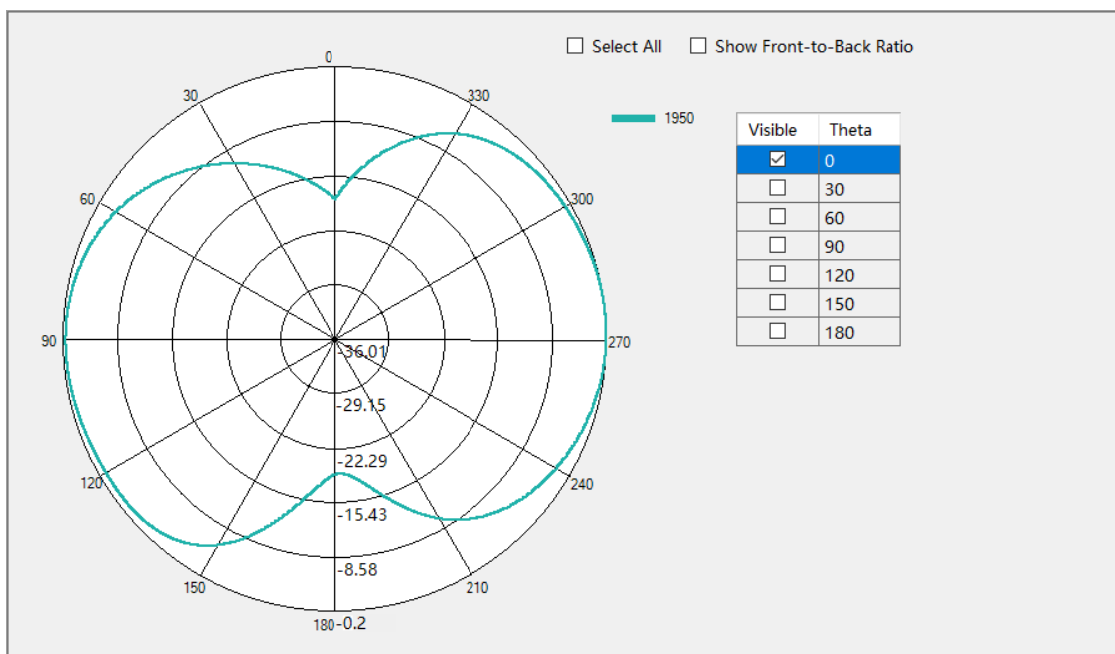
LTE B28 Phi=0deg



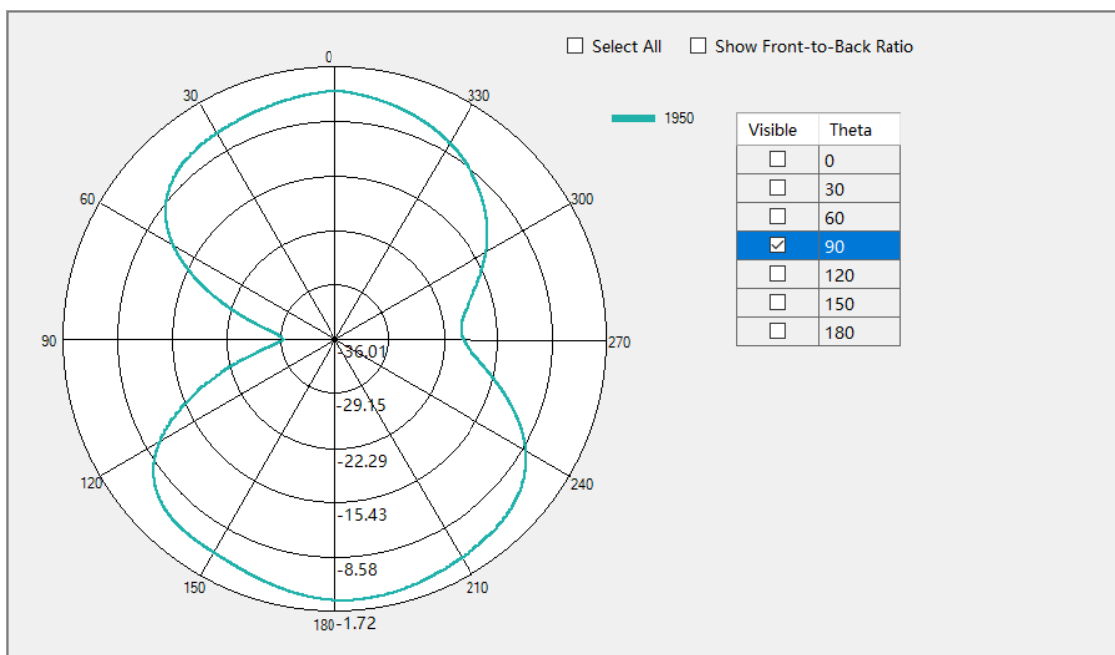
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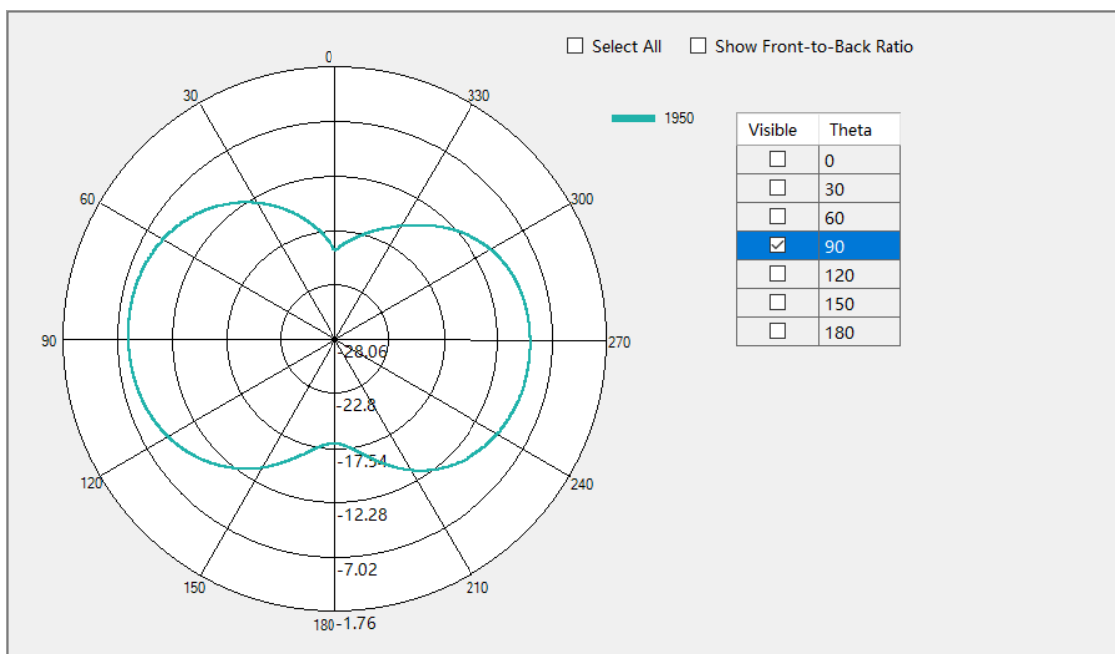
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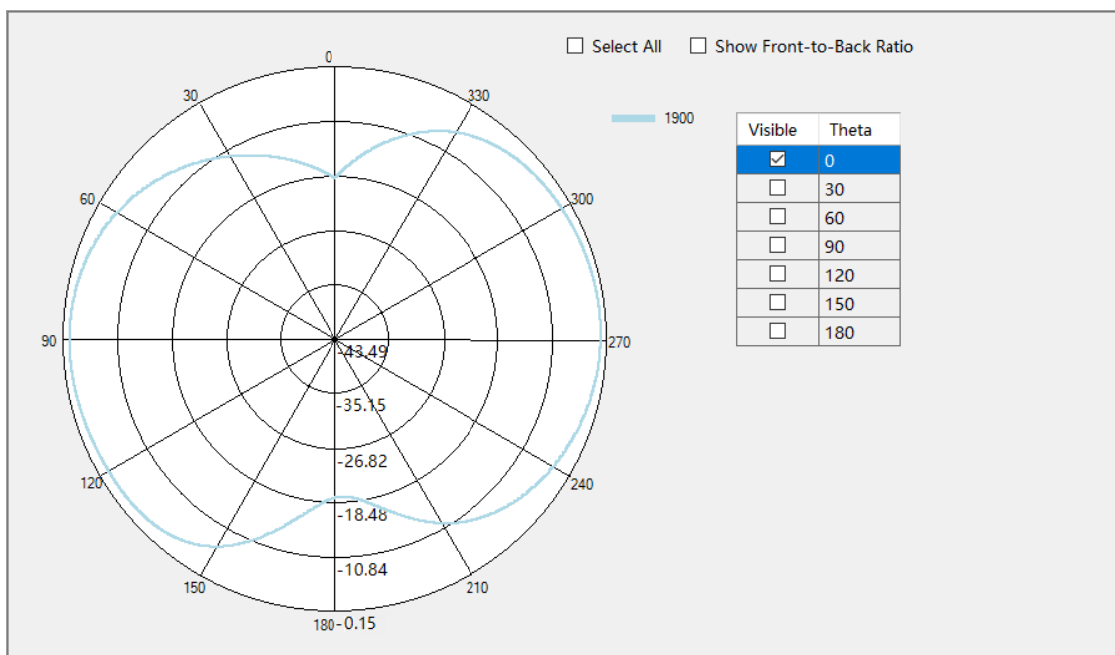
LTE B1 W1 Phi=90deg



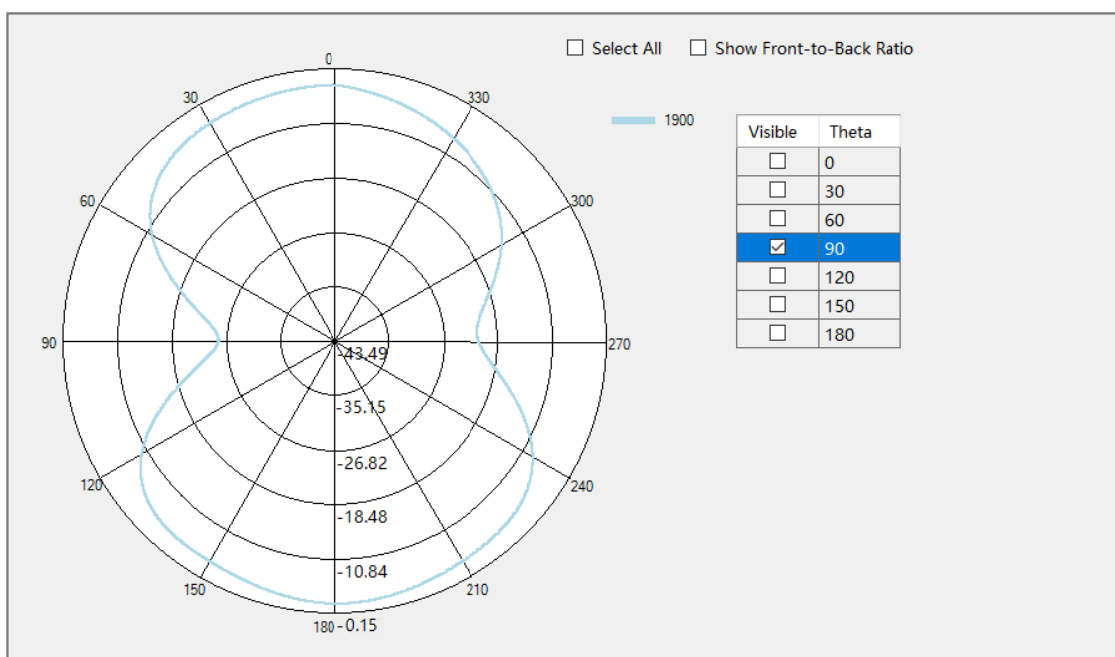
LTE B1 W1 Phi=90deg



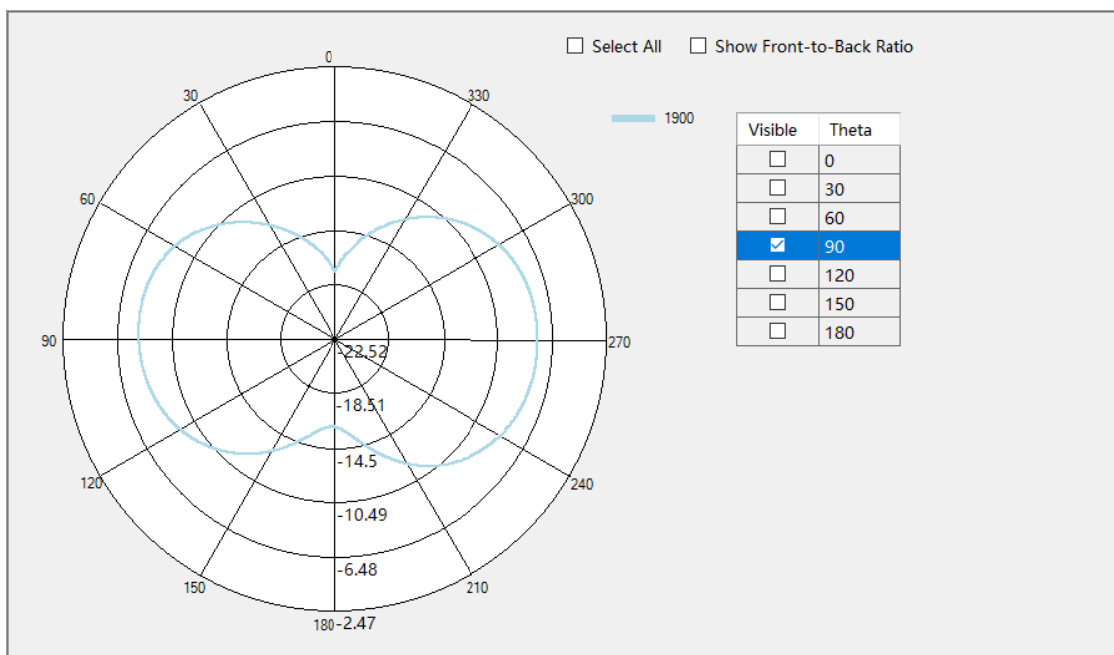
LTE B1 W1 Theta=90deg



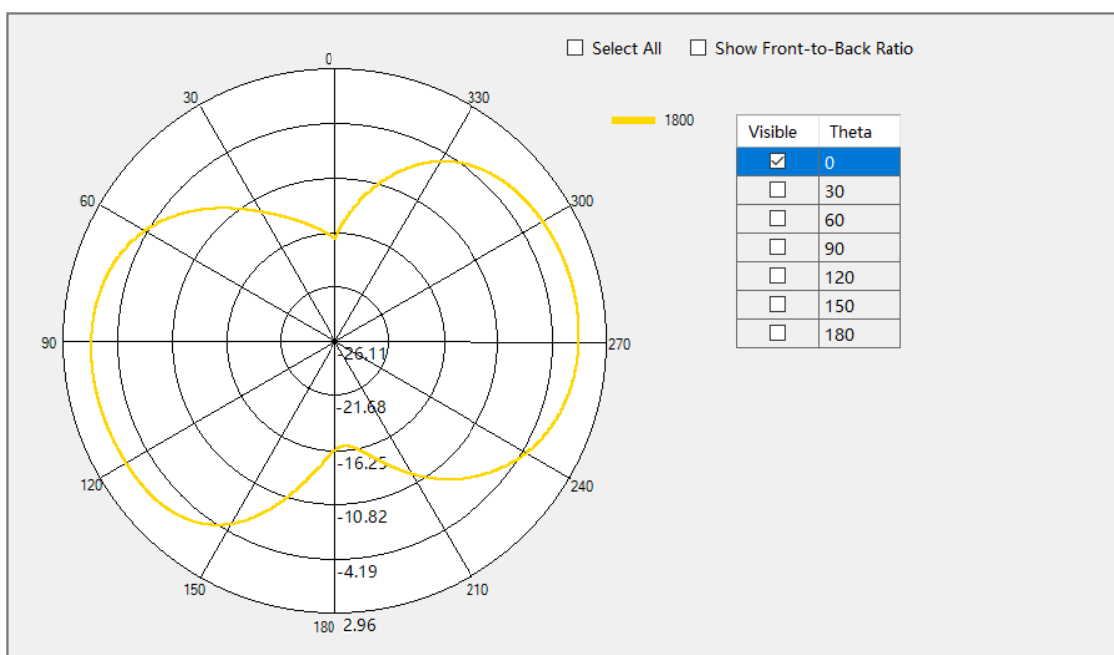
LTE B2 G1900 W2 Phi=0deg



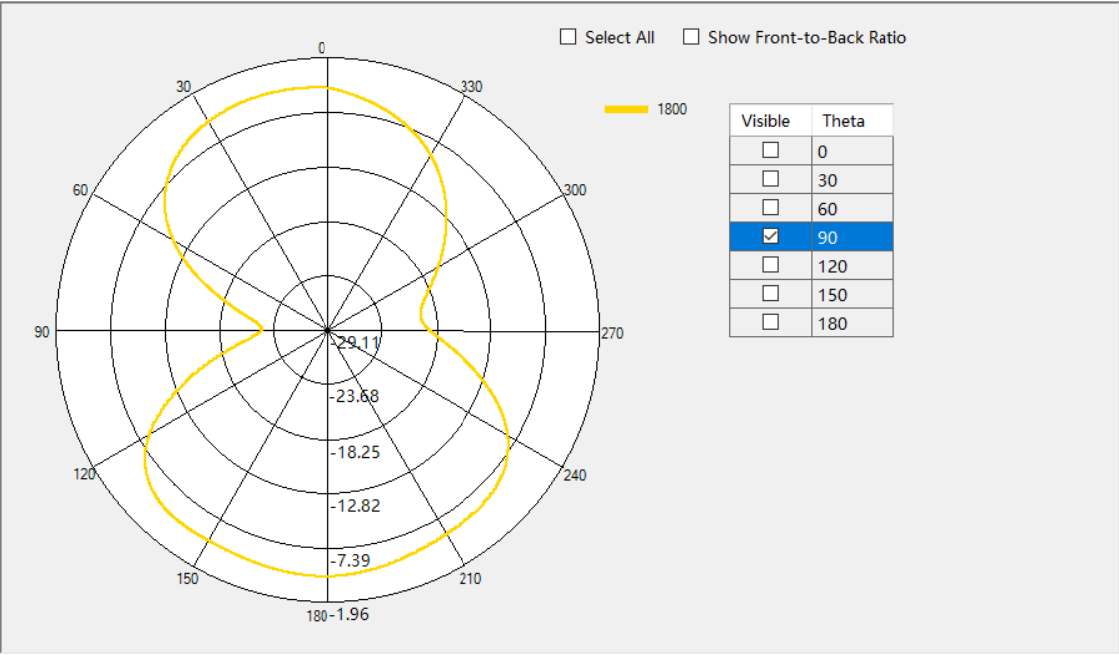
LTE B2 G1900 W2 Phi=90deg



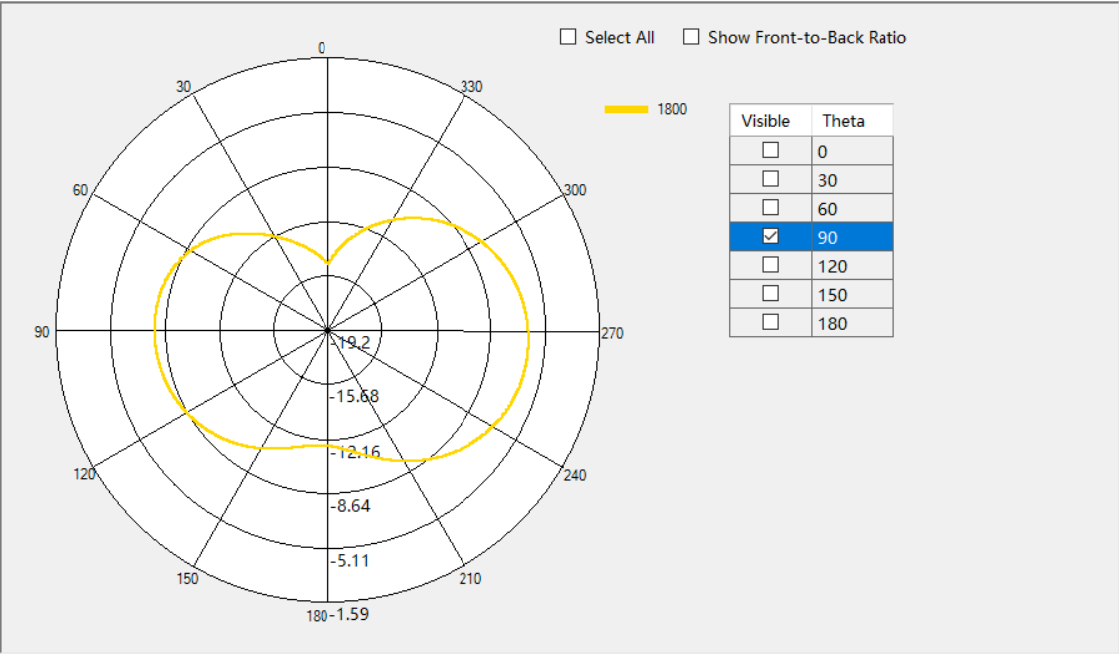
LTE B2 G1900 W2 Theta=90deg



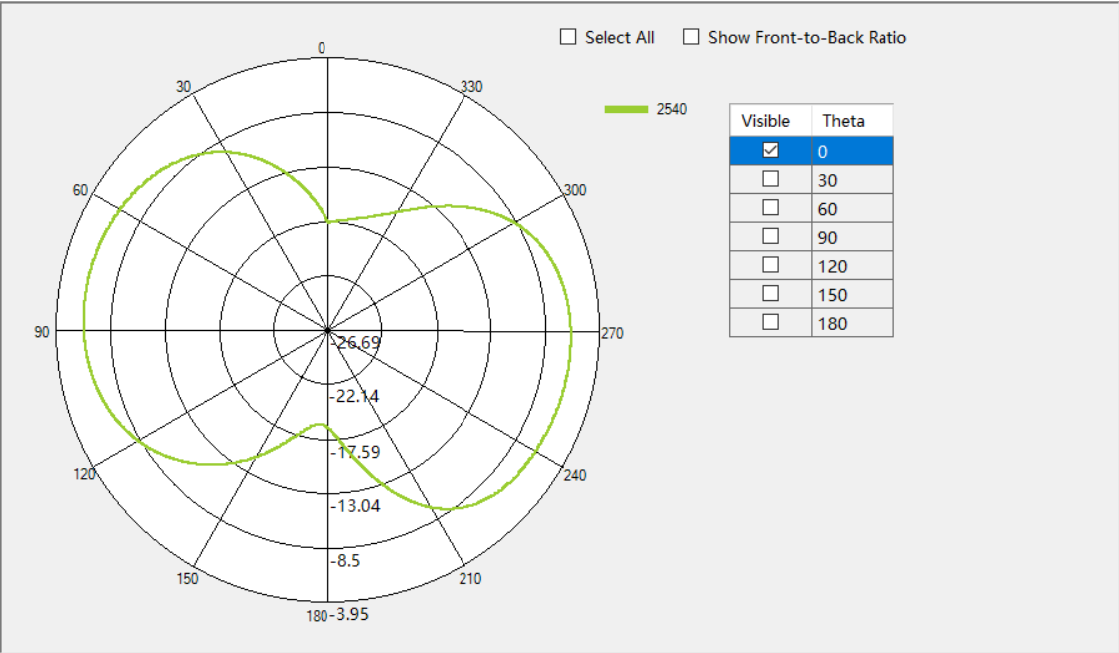
LTE B3B4 G1800 W4 Phi=0deg



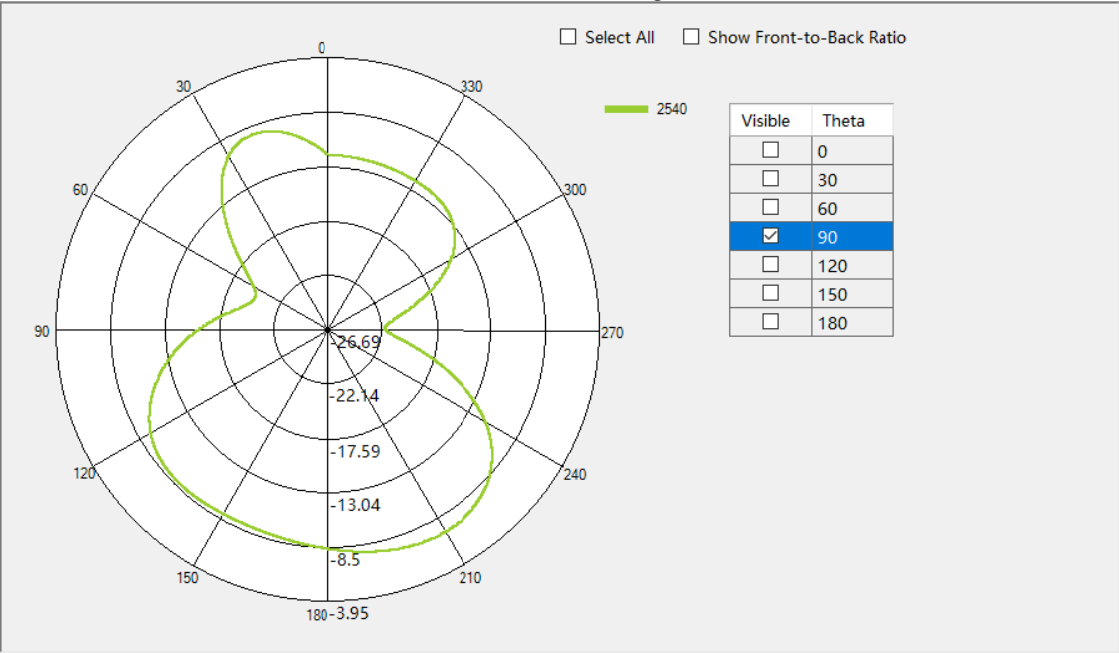
LTE B3B4 G1800 W4 Phi=90deg



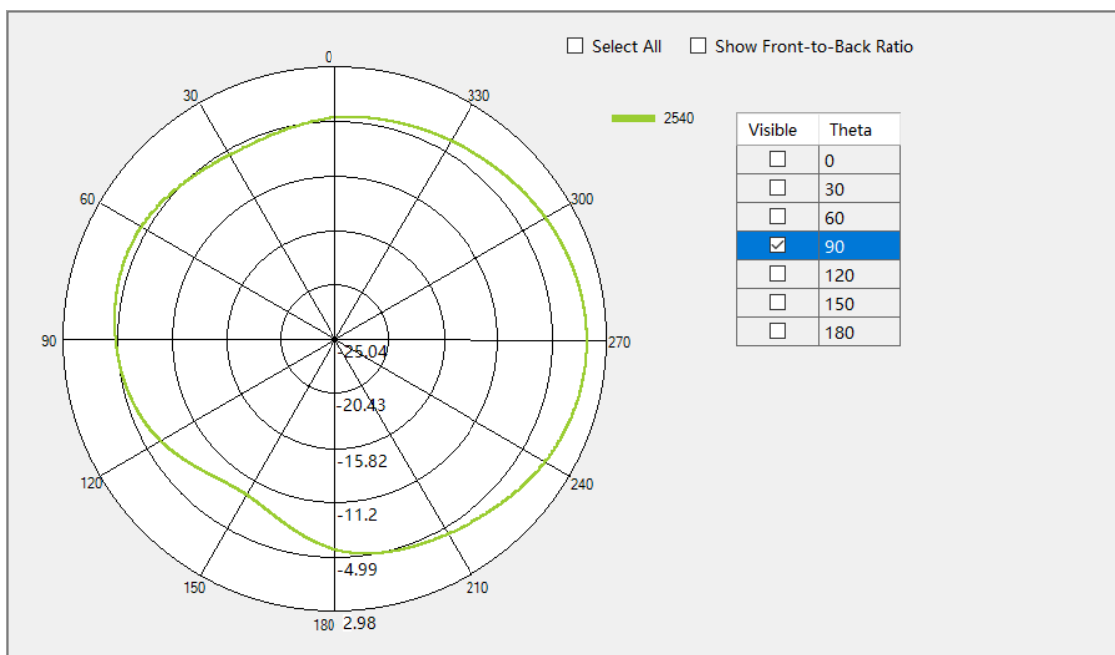
LTE B3 B4 G1800 W4 Phi=90deg



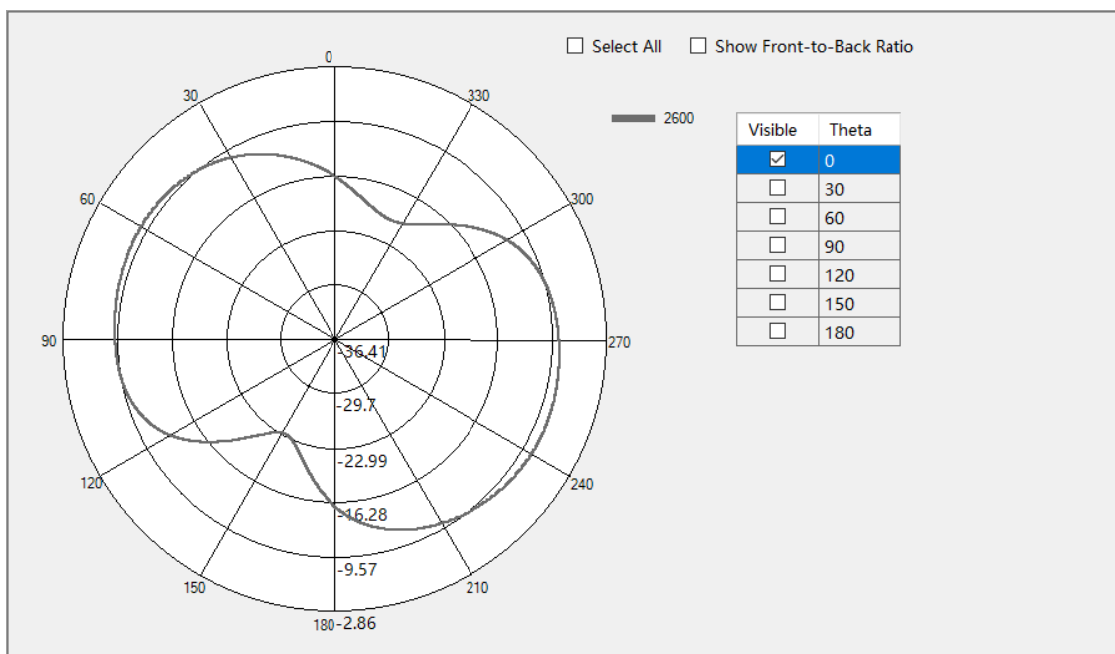
LTE B7 Phi=0deg



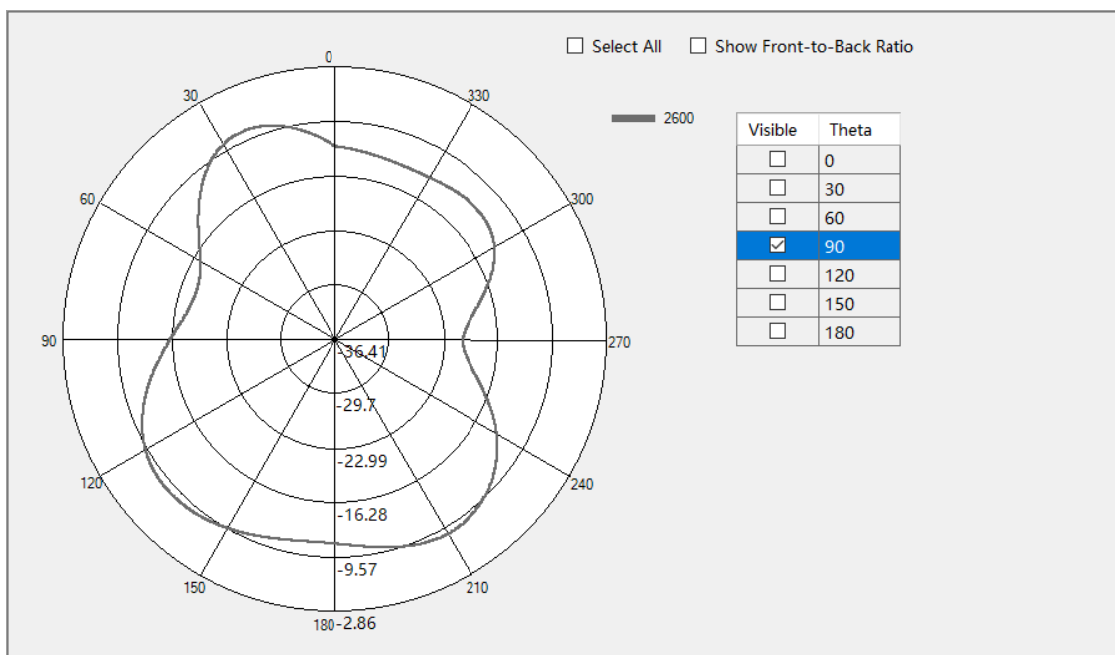
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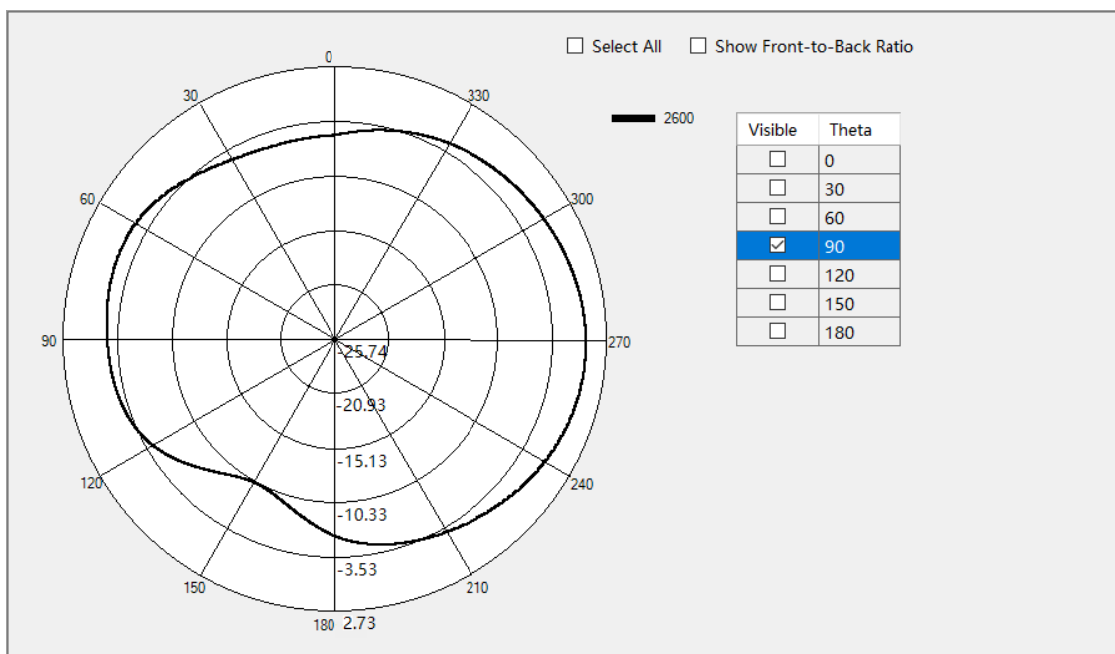
LTE B7 Theta=90deg



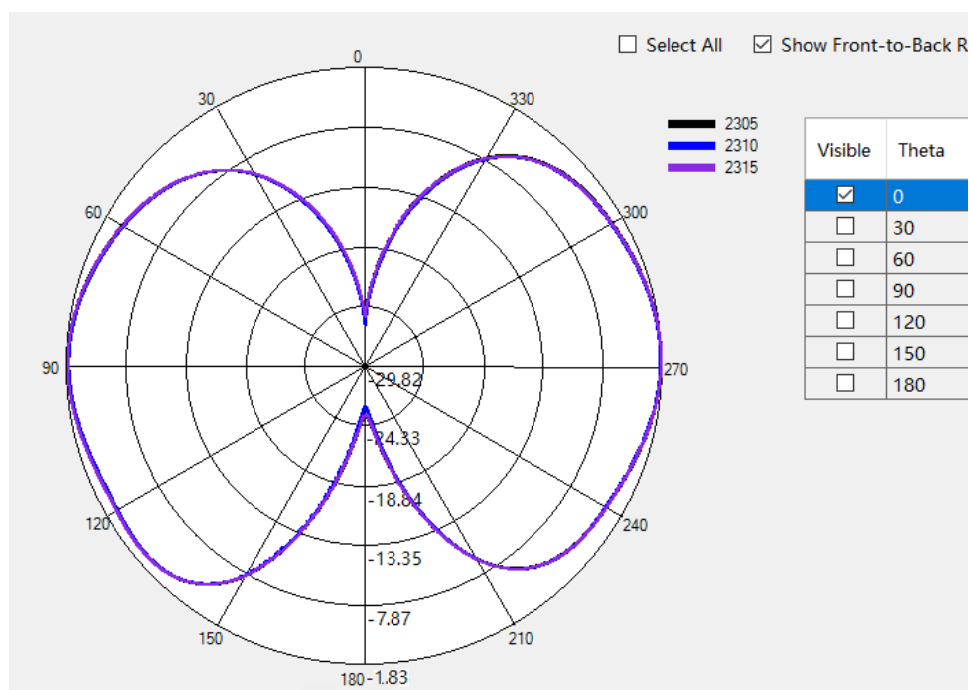
LTE B38 Phi=0deg



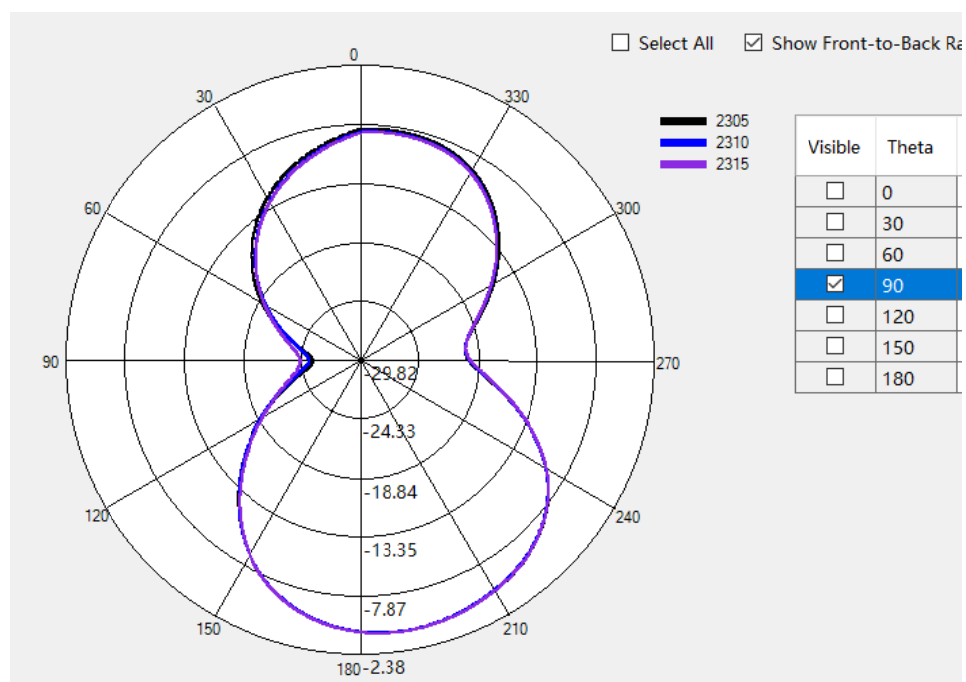
LTE B38 Phi=90deg



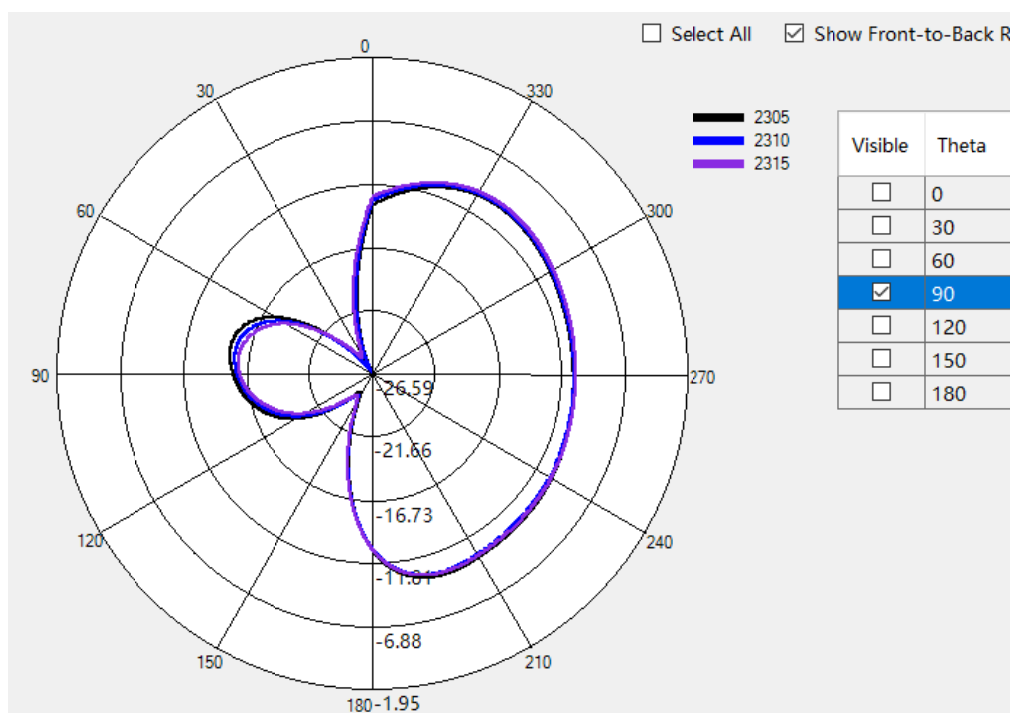
LTE B38 Theta=90deg



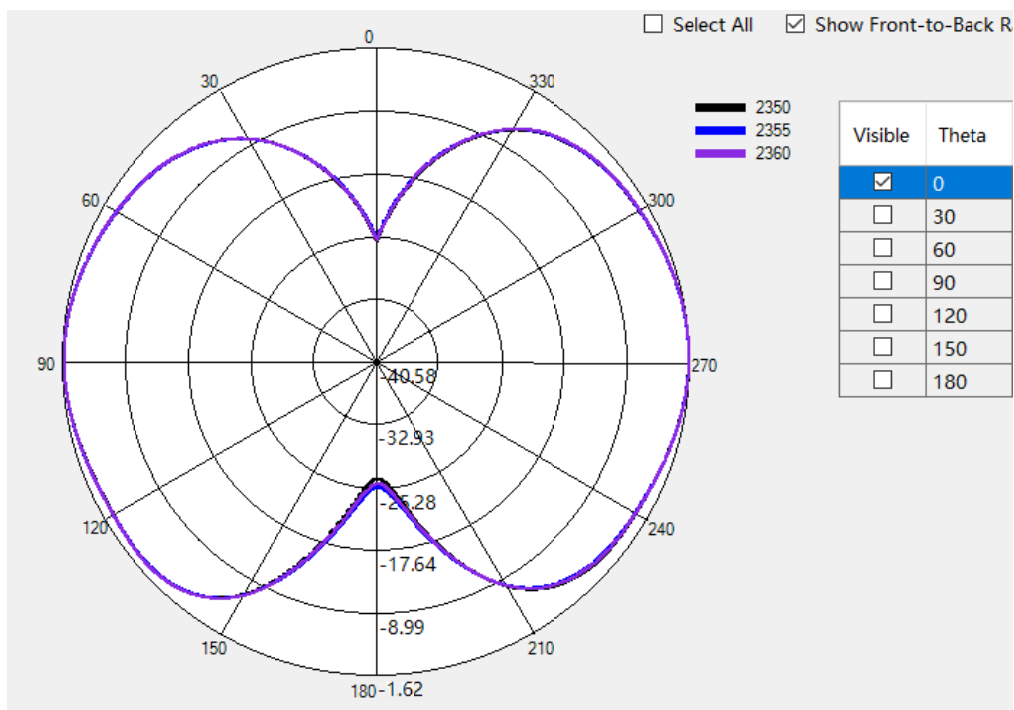
LTE B40 2305-2315 Phi=0deg



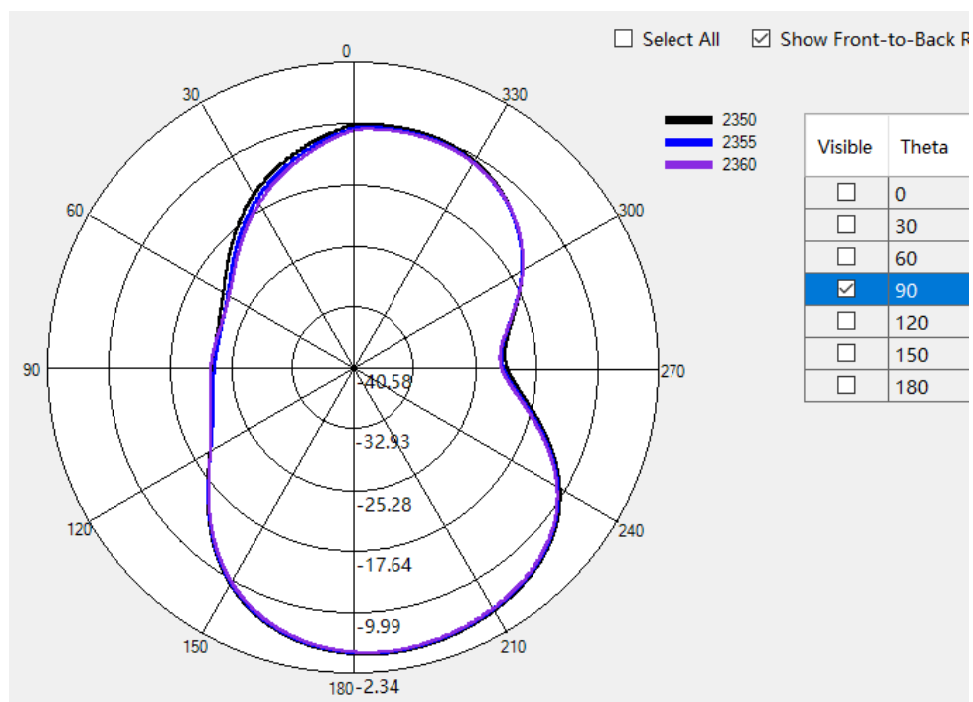
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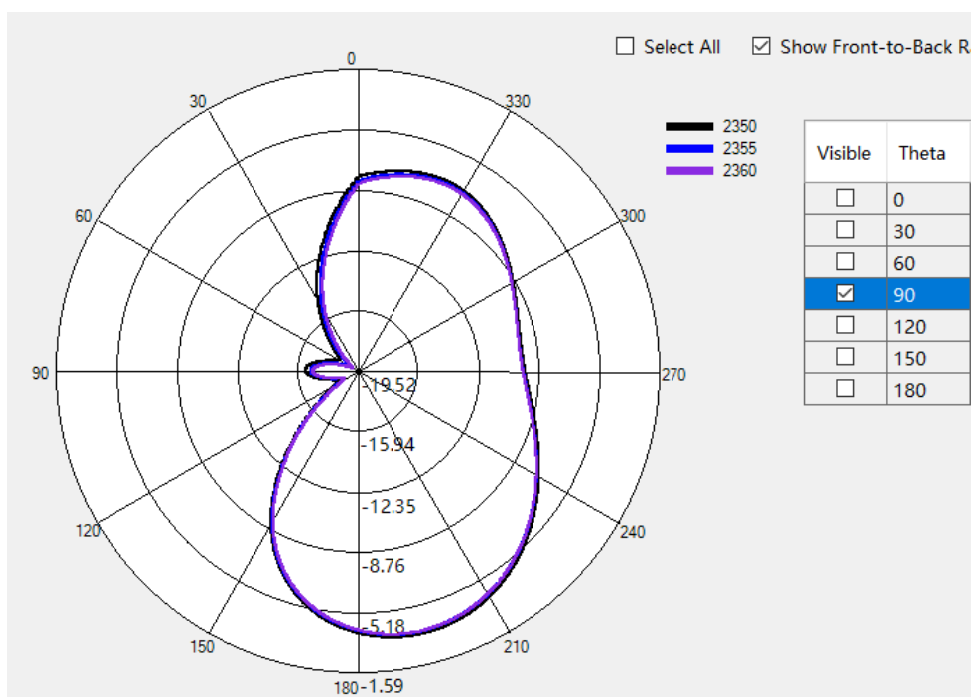
LTE B40 2305-2315 Theta=90deg



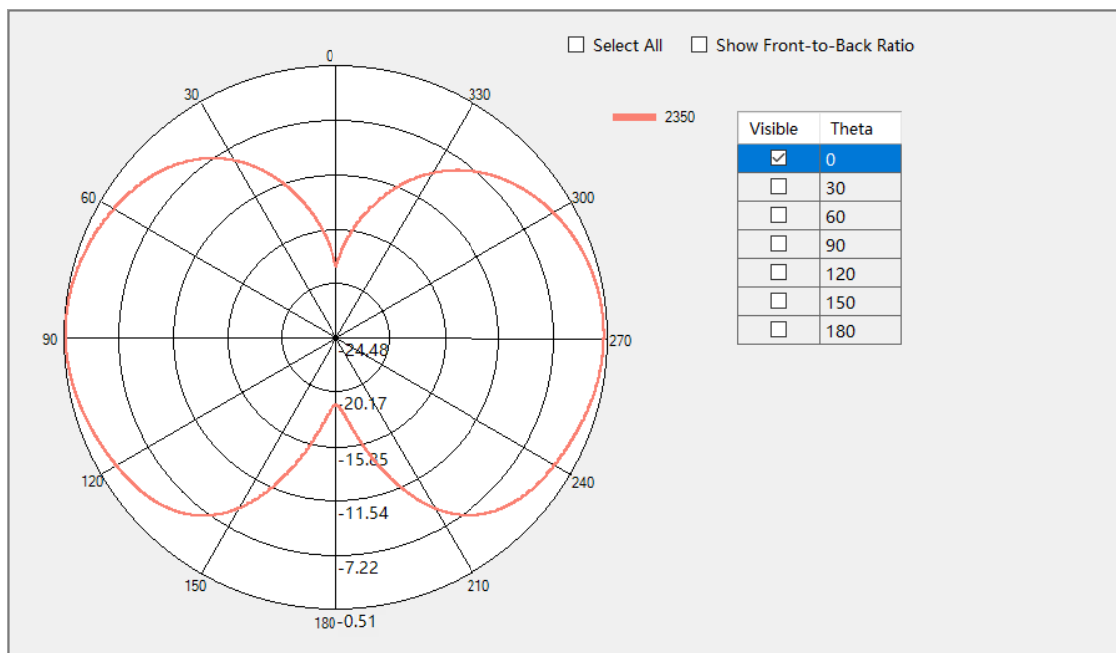
LTE B40 2350-2360 Phi=0deg



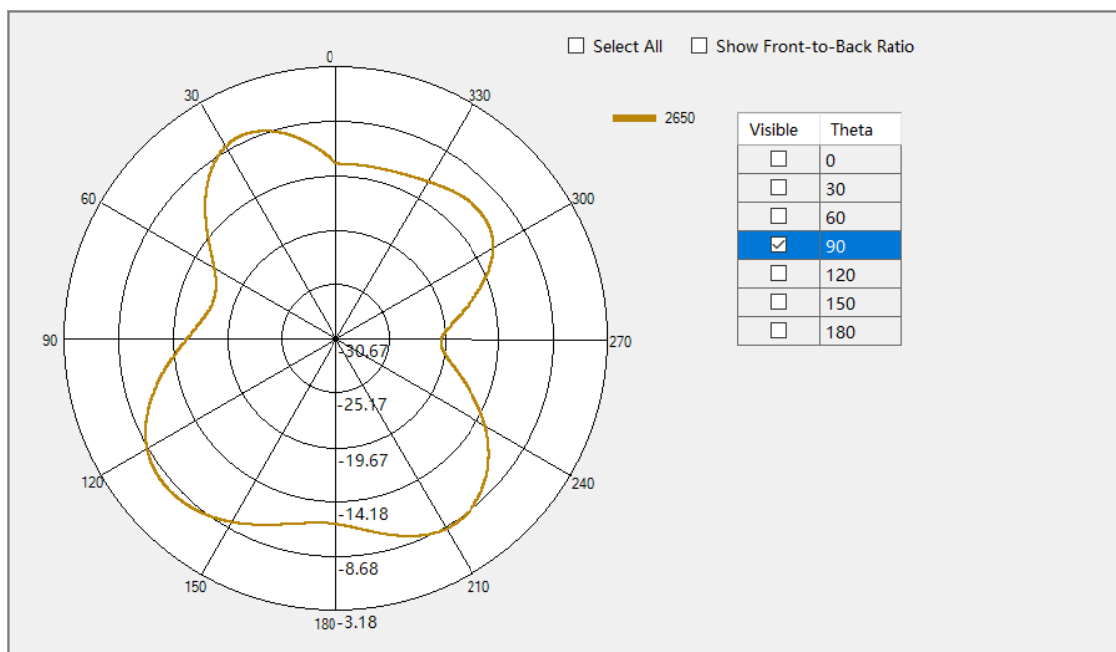
LTE B40 2350-2360 Phi=90deg



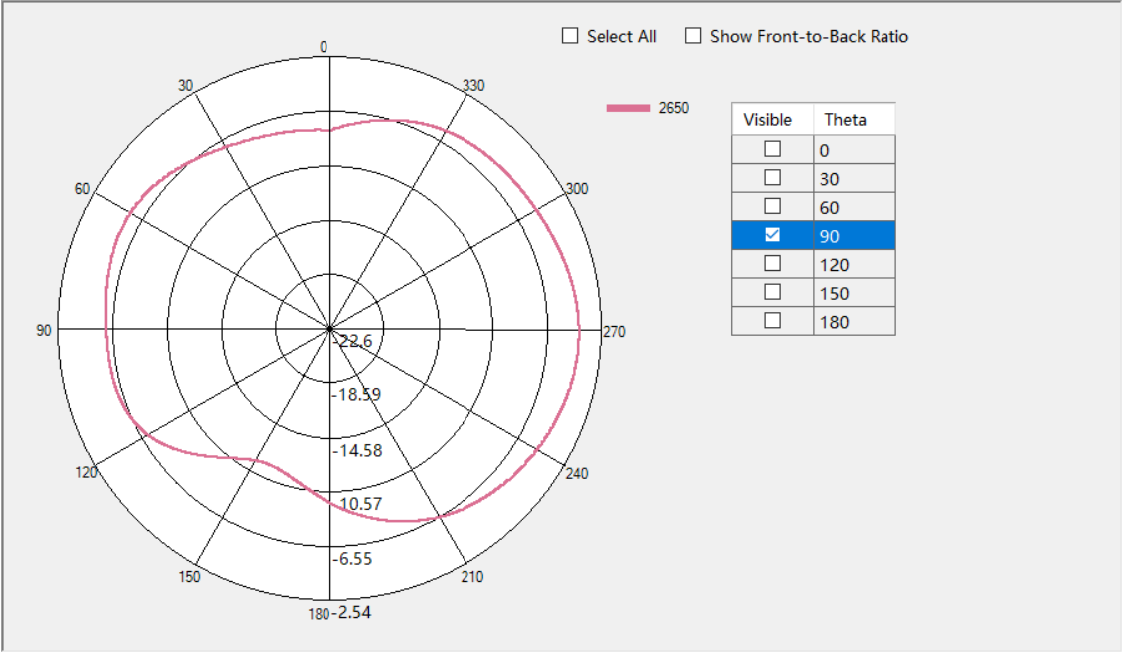
LTE B40 2350-2360 Theta=90deg



LTE B41 Phi=0deg

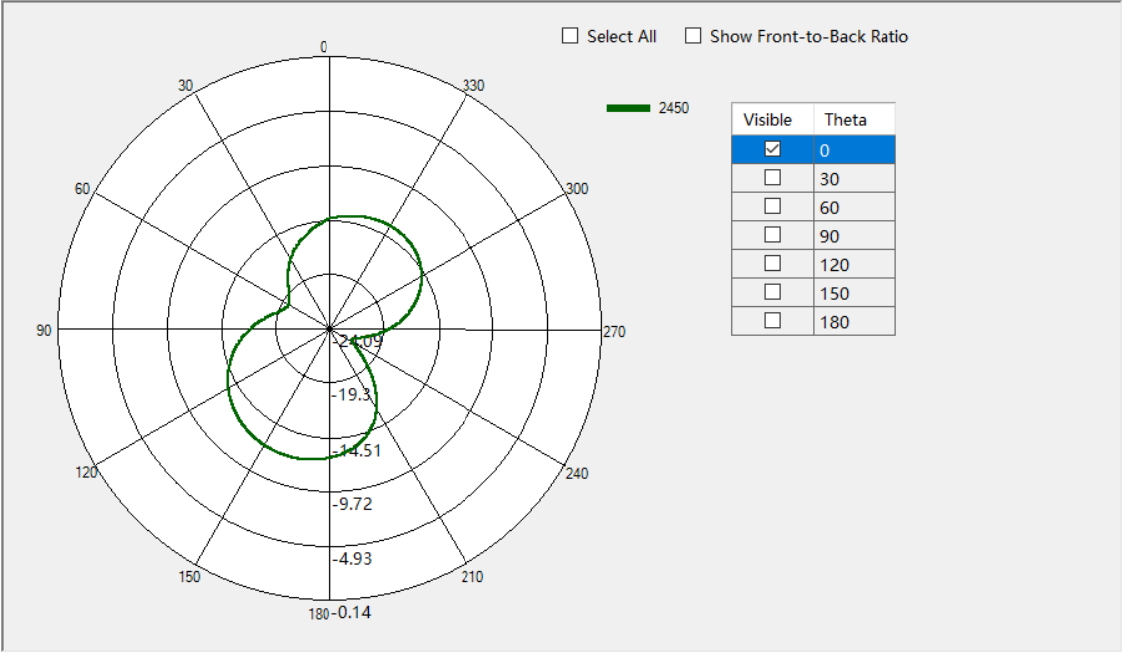


LTE B41 Phi=90deg

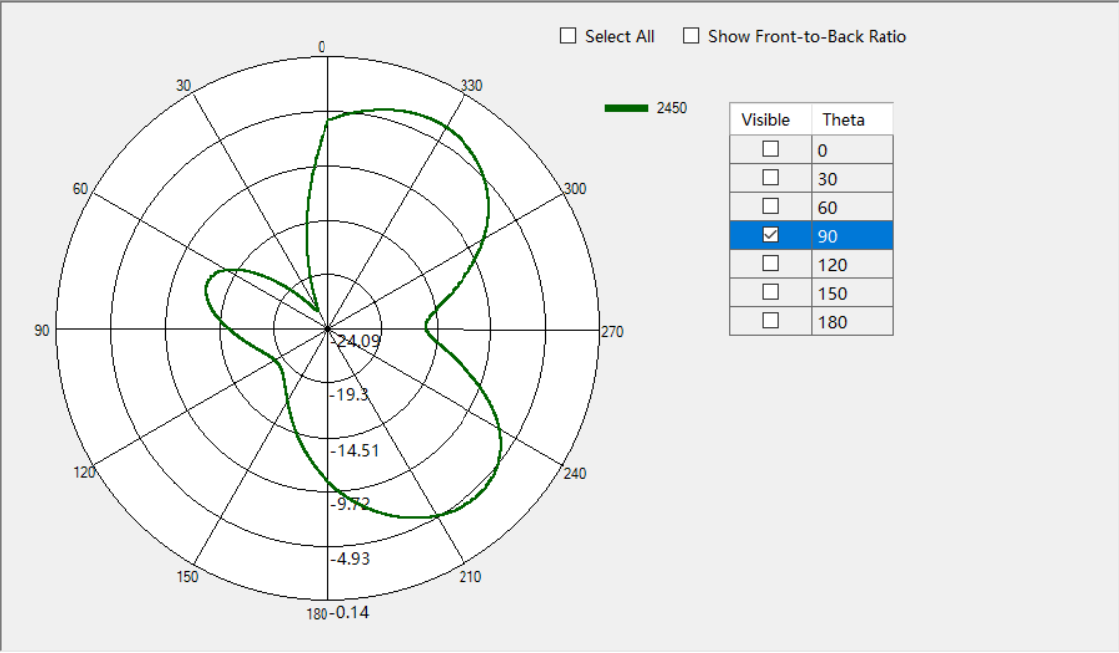


LTE B41 Theta=90deg

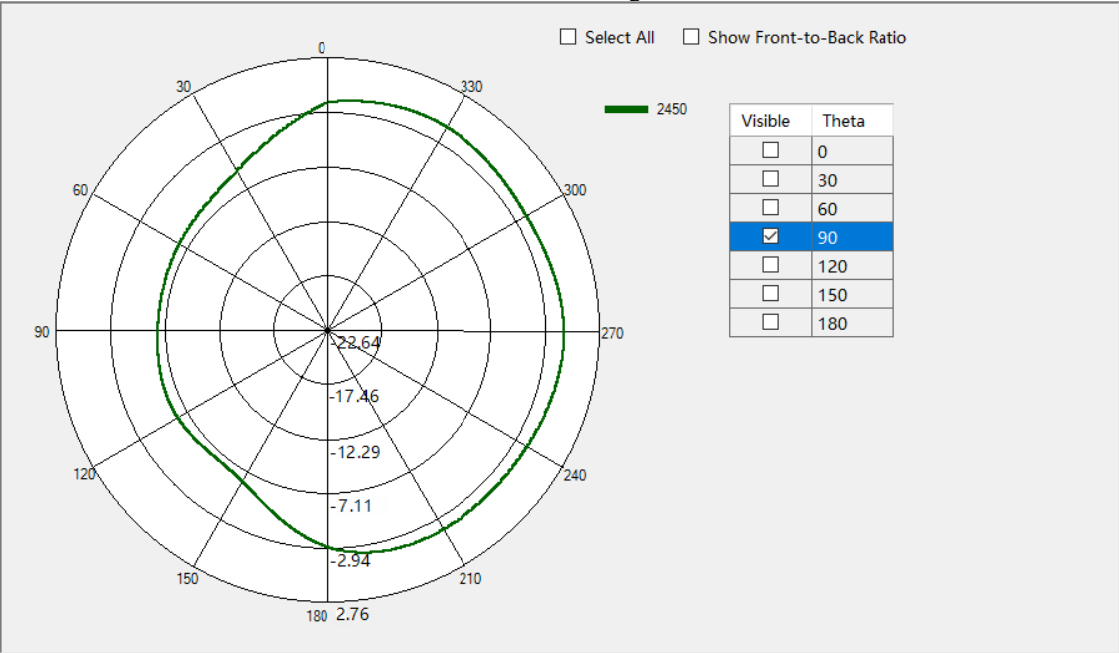
ANT 12



2.4G Phi=0deg

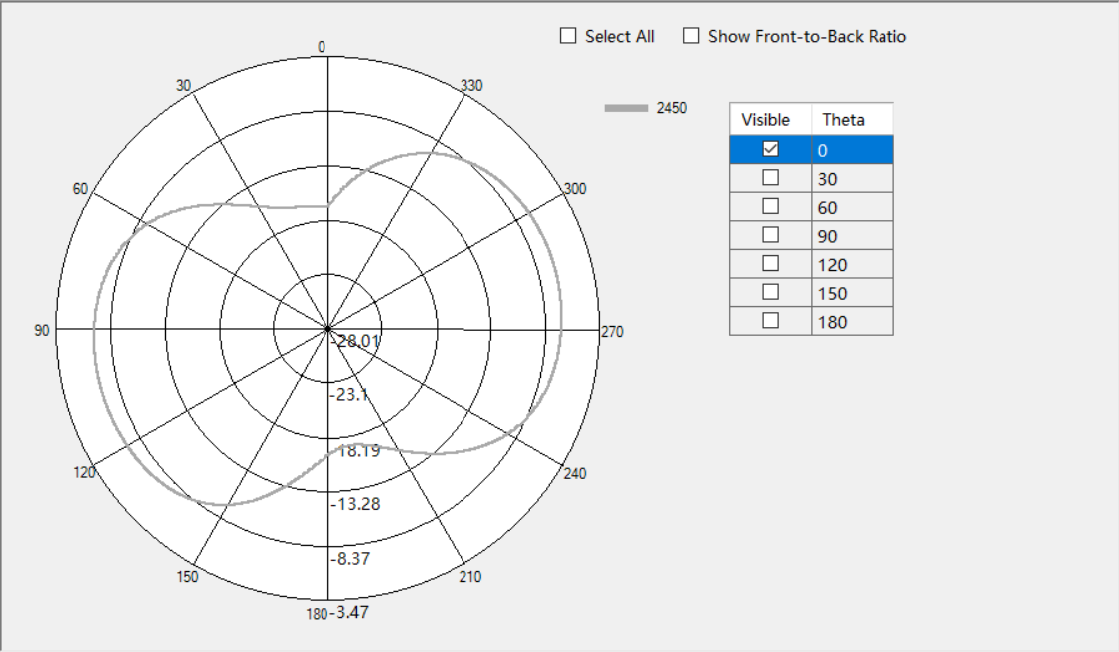


2.4GPhi=90deg

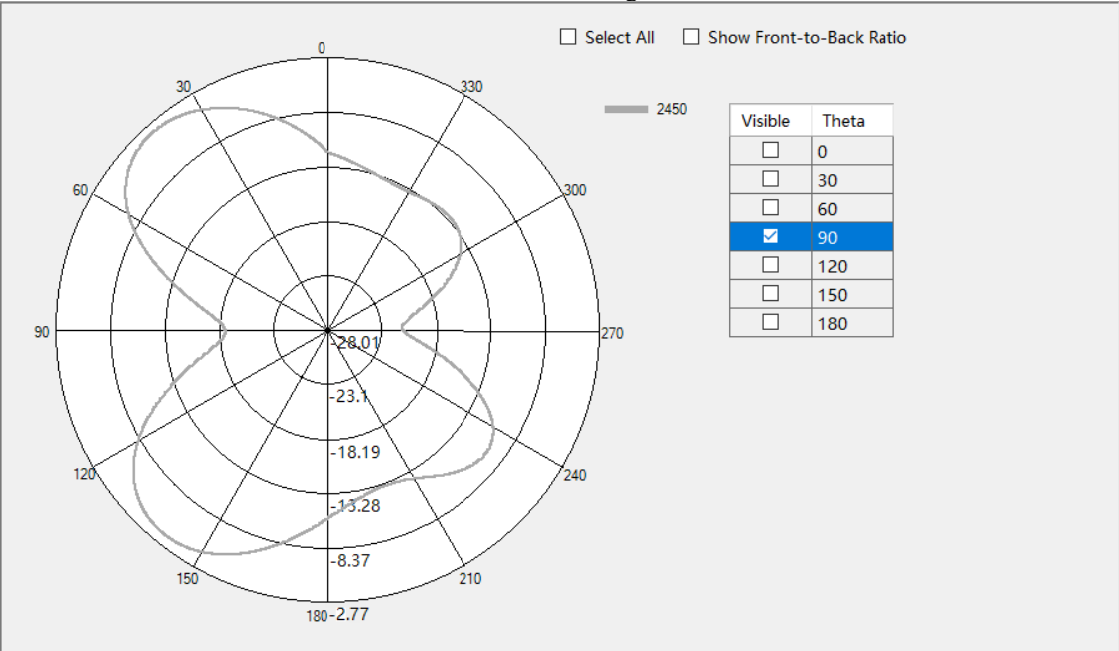


2.4G Theta=90deg

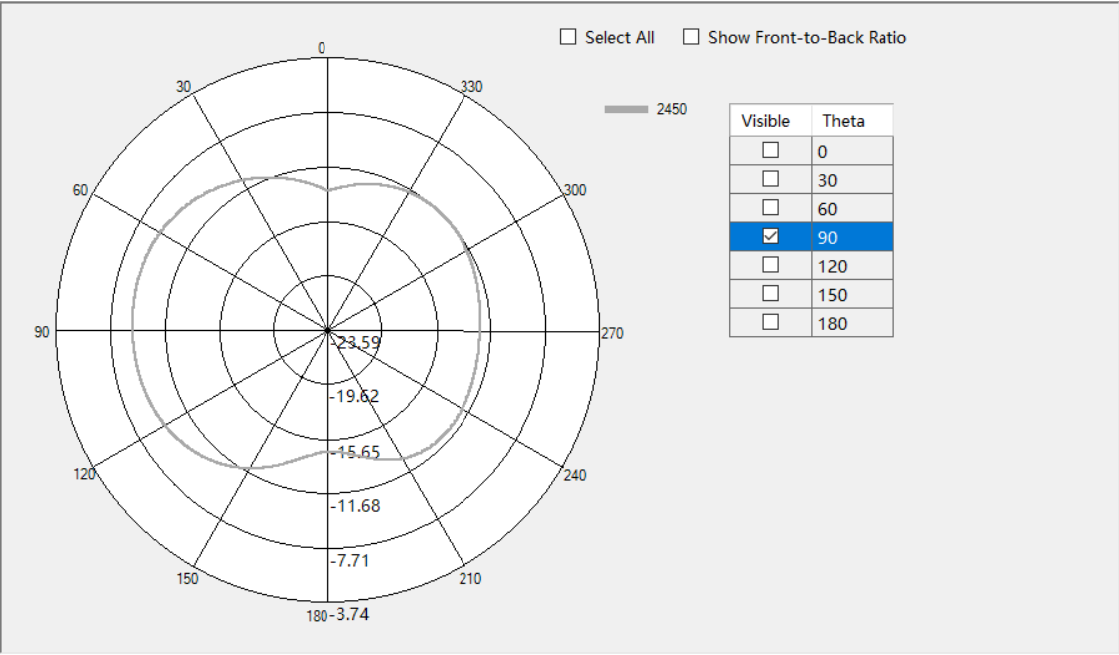
ANT 13



2.4G Phi=0deg

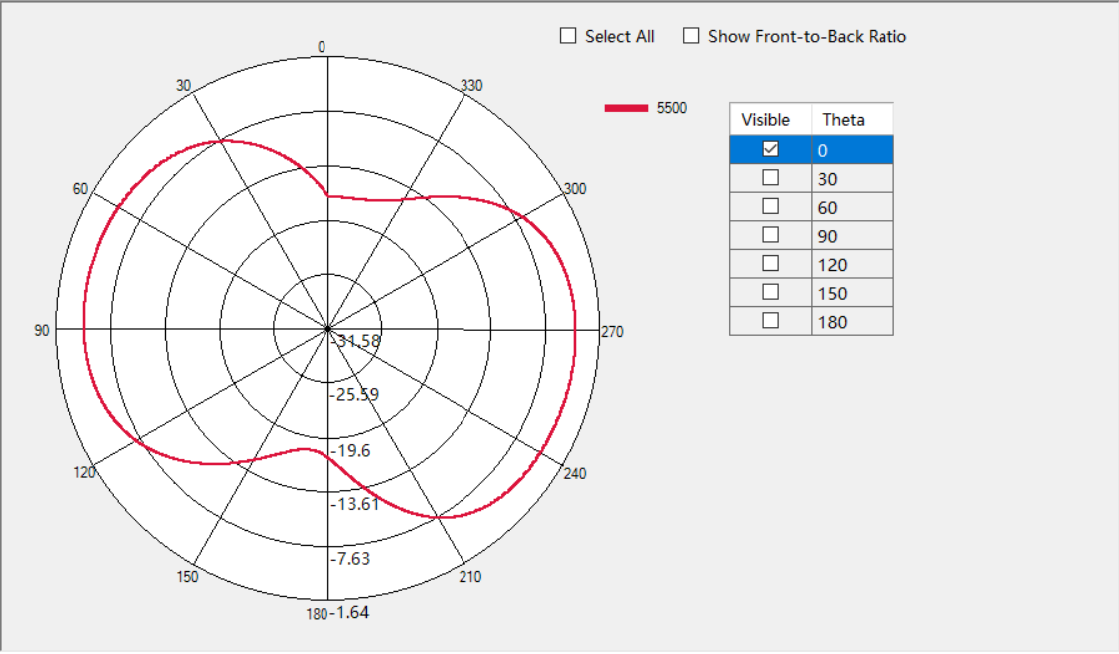


2.4G Phi=90deg

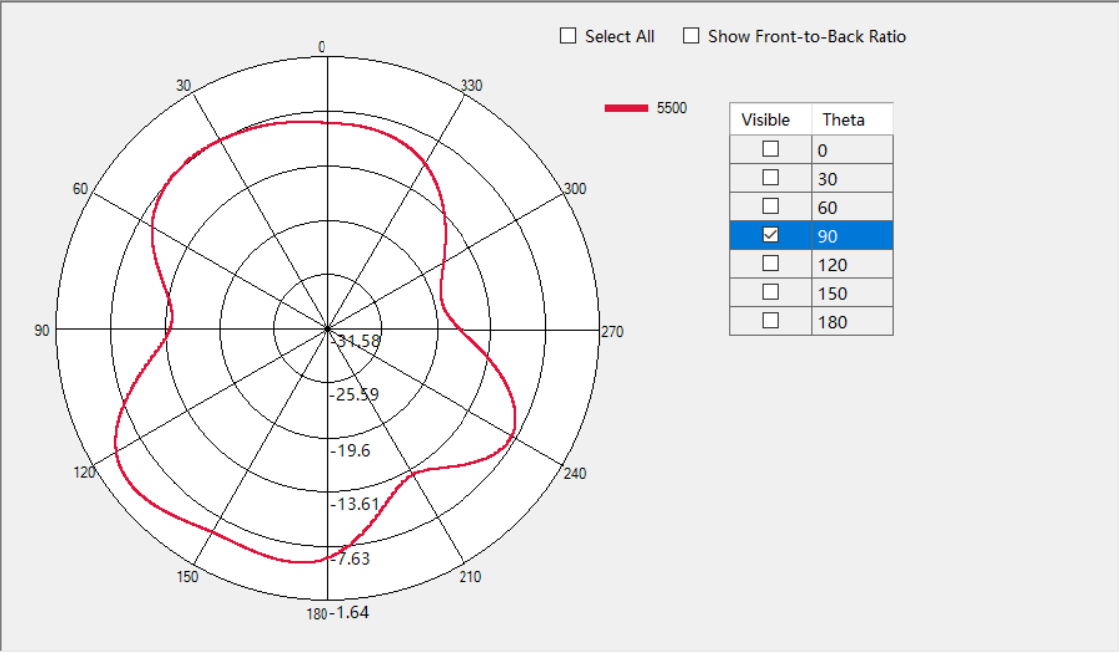


2.4G Theta=90deg

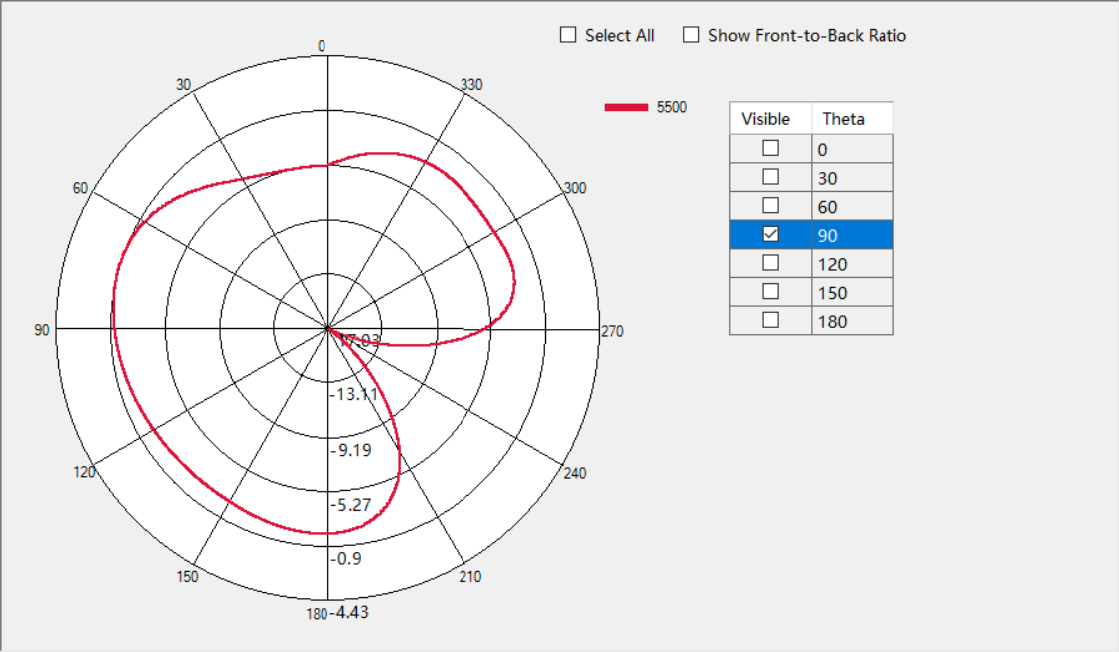
ANT 14



5G Phi=0deg

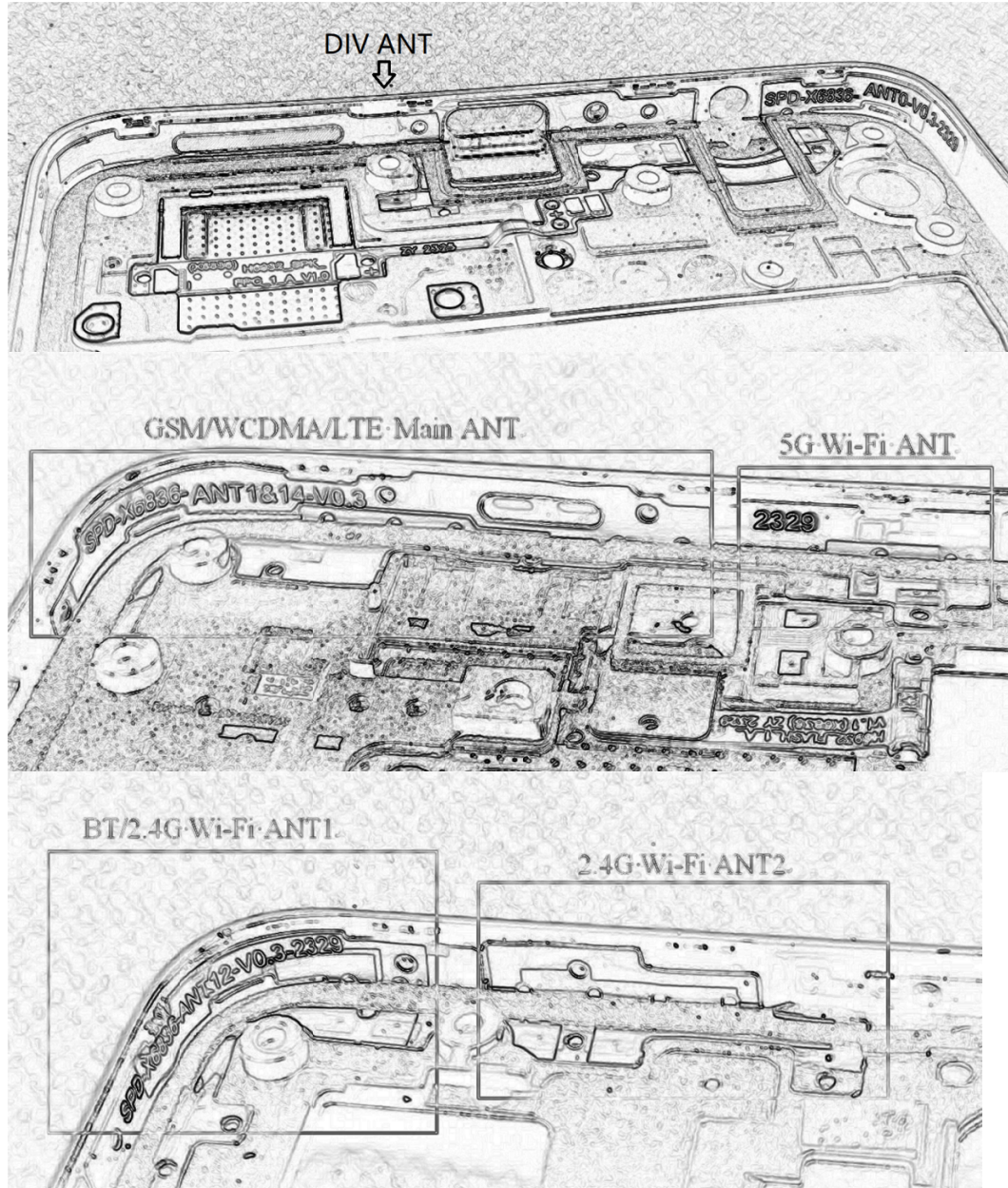


5G Phi=90deg



5G Theta=90deg

Antenna Photo:



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023/07/025