

## eature

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

Main Antenna

## Application

※GSM850/900/DCS/PCS/WCDMAB1/B2/B4/B5/B8  
LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41  
communication applications

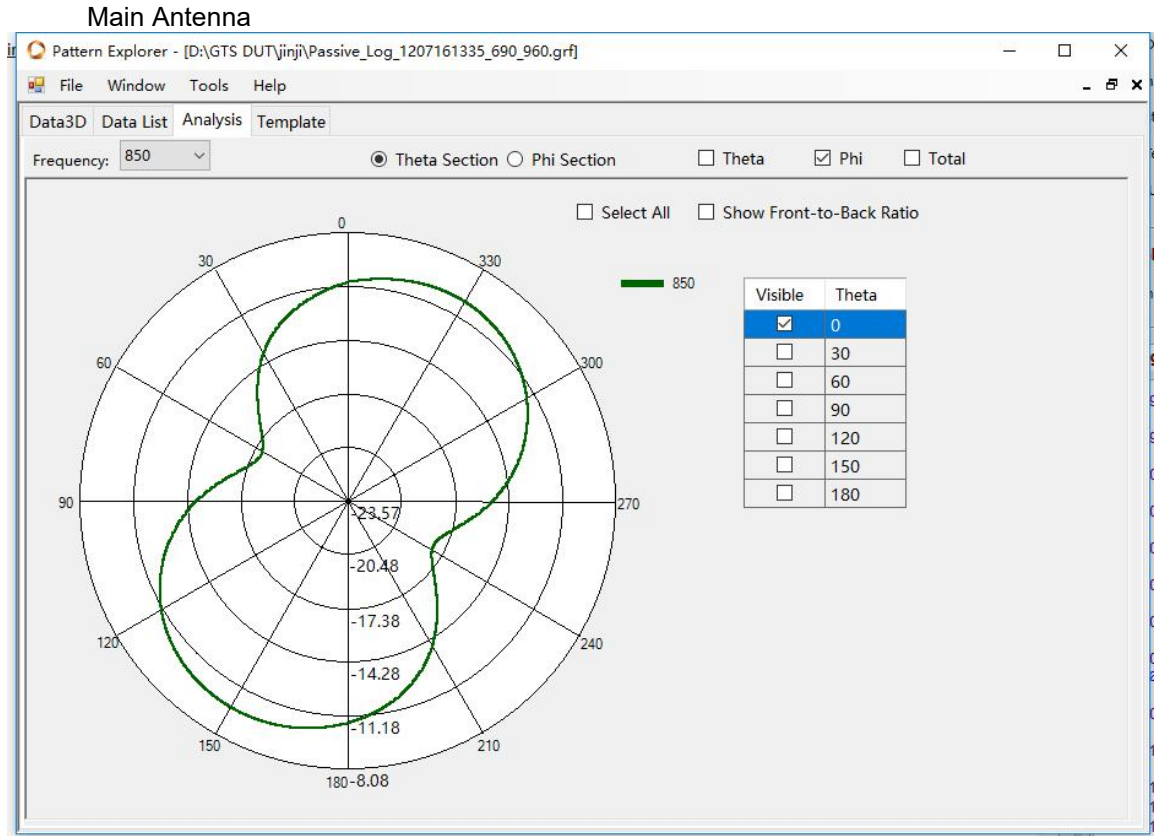
别漏掉下表面的表格

Name and address of the antenna manufacturer	Model number of the antenna
Huizhou Speed Wireless Technology Co.,Ltd. No. 138, Huize Avenue, Dongjiang High-tech Industrial Park, Zhongkai High-tech Zone, Huizhou City	F-2A-KQ-0090-000-Y0 F-2A-KQ-0091-000-Y0 F-2A-KQ-0092-000-Y0

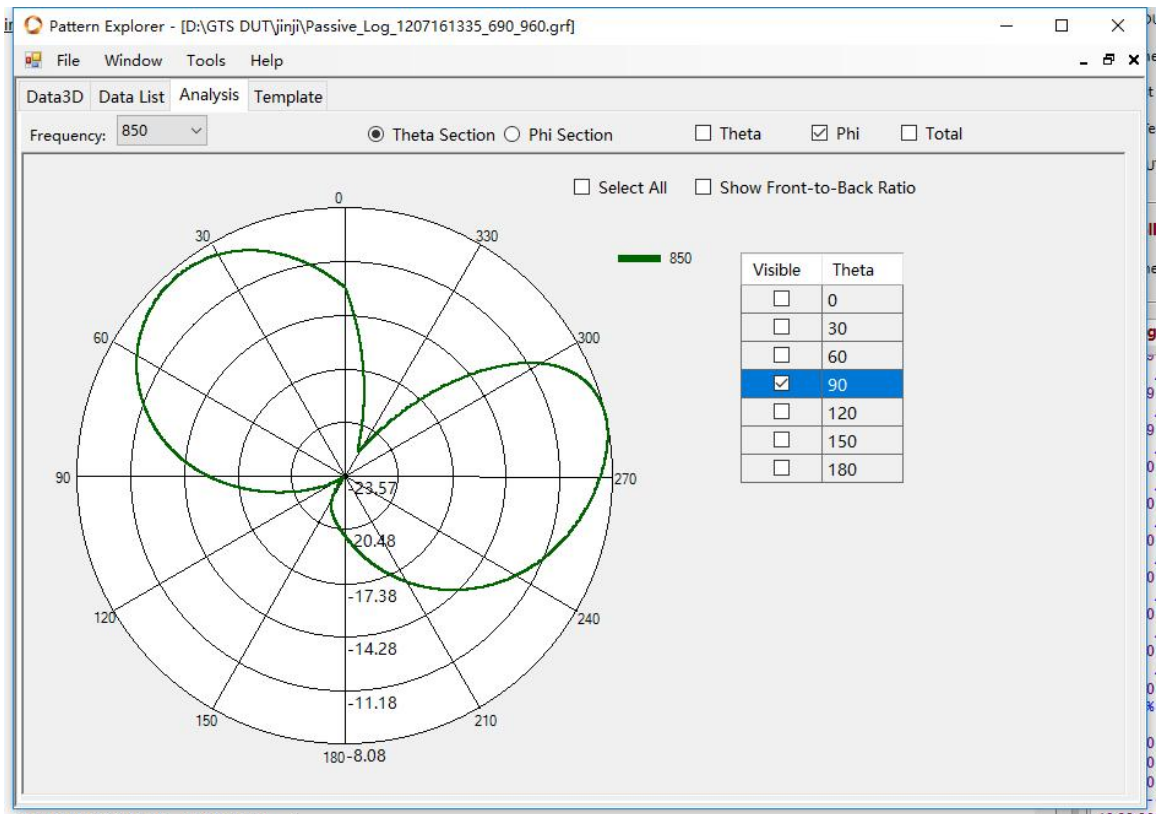
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 - 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 - 915 MHz
	DCS /WCDMA B4/LTE B3/B4: 1710 - 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1: 1920 - 1980MHz
	LTE B7:2496-2565MHz
	LTE B40:2300-2400MHz
	LTE B38/B41:2565-2645MHz
	LTE B20:832-862MHz
	LTE B17/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 B7:2620-2690MHz
	LTE B40:2300-2400MHz
	LTE B38/41:2565-2645MHz
	LTE B20:791-821MHz
LTE B28:758-803MHz	
RF-Output Power (E.I.R.P)	GSM850/900: 32+/-2dBm
	DCS/PCS: 30+/-2dBm
	LTE B1/B2/B3/ B4/B5 /B7/B8/B20/B28/B38/B40/B41/: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE B5: -6.9
	GSM 900/WCDMA B8/LTE B8: -6.1
	DCS/WCDMA B4/ LTE B3/B4: -2.8
	PCS/WCDMA B2/LTE B2: -1.5
	WCDMA B1/LTE B1: -0.5
	LTE B7/B38/B41: 0.48

	LTE B40: -1.6
	LTE B20:-6.7
	LTE B28-6.9
3in1 Antenna Gain (Peak Gain)	GPS: -2.1
	WIFI 2.4G: -4.1    5G: 0.66
Type of Modulation	

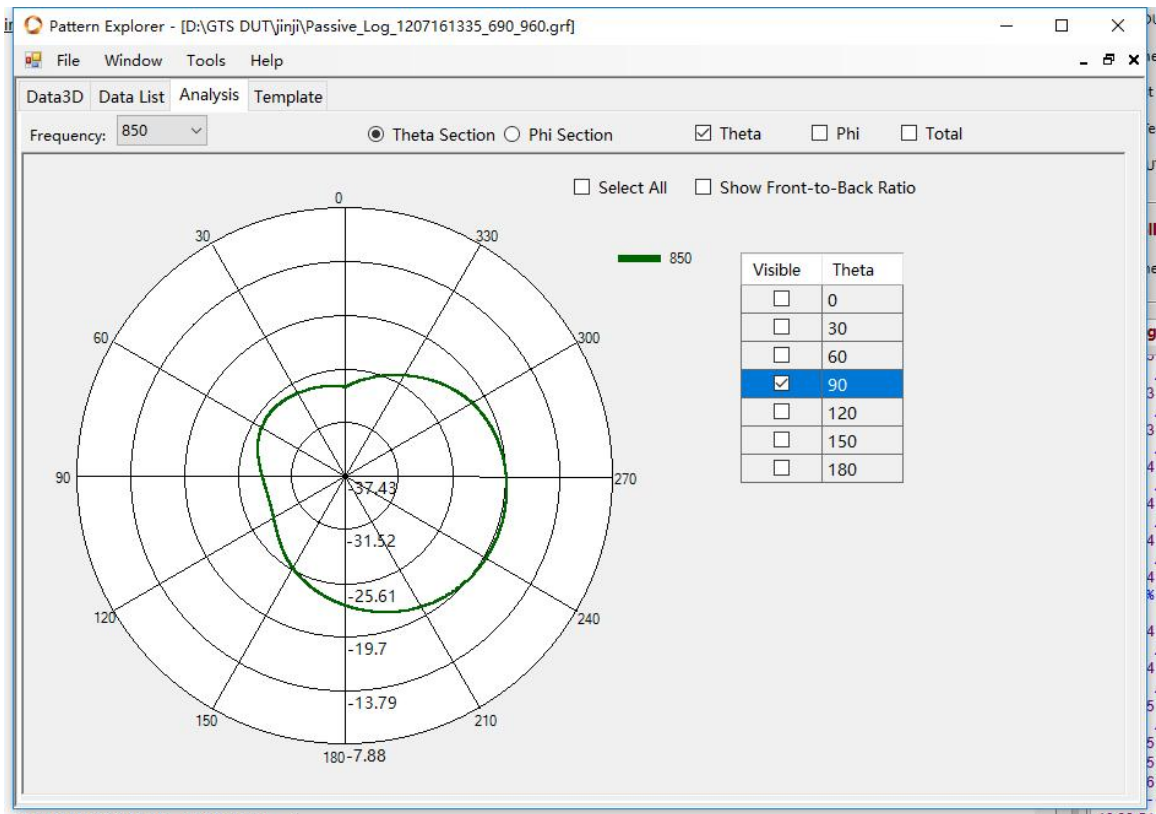
※ Antenna Gain



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



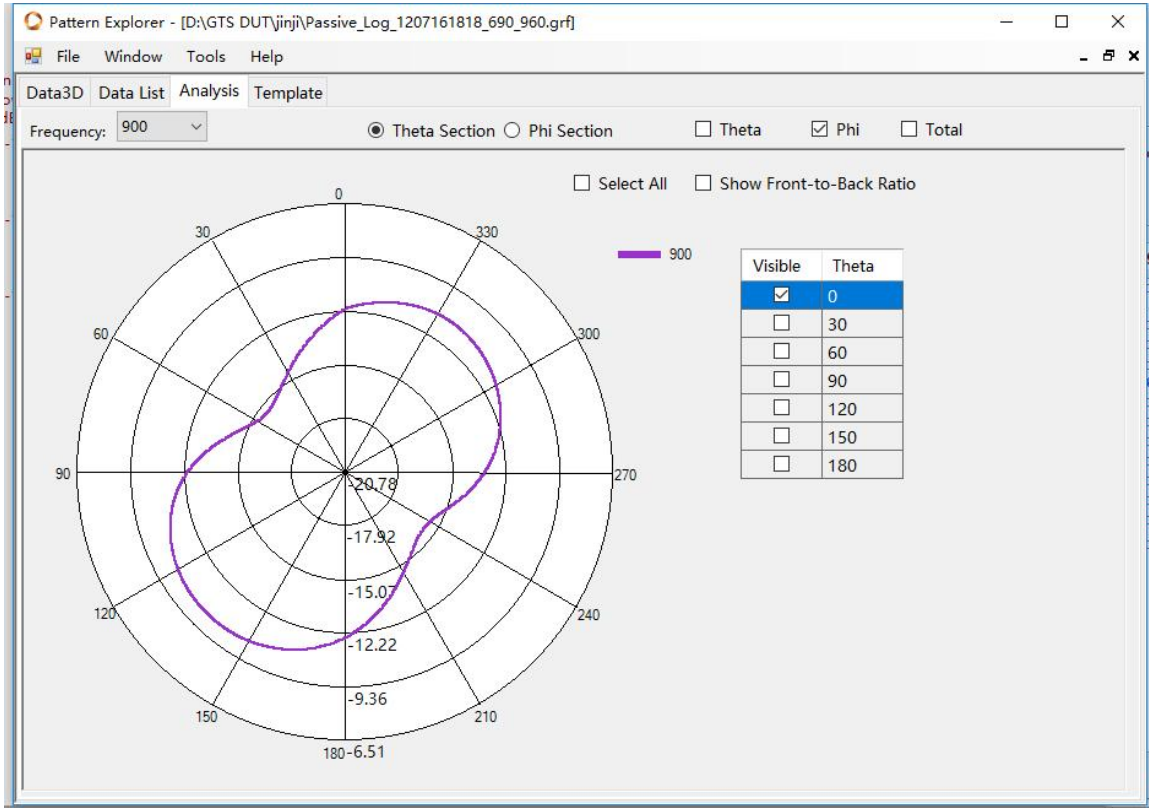
GSM850 / WCDMA B5 / LTE B5/B20 Phi=90deg



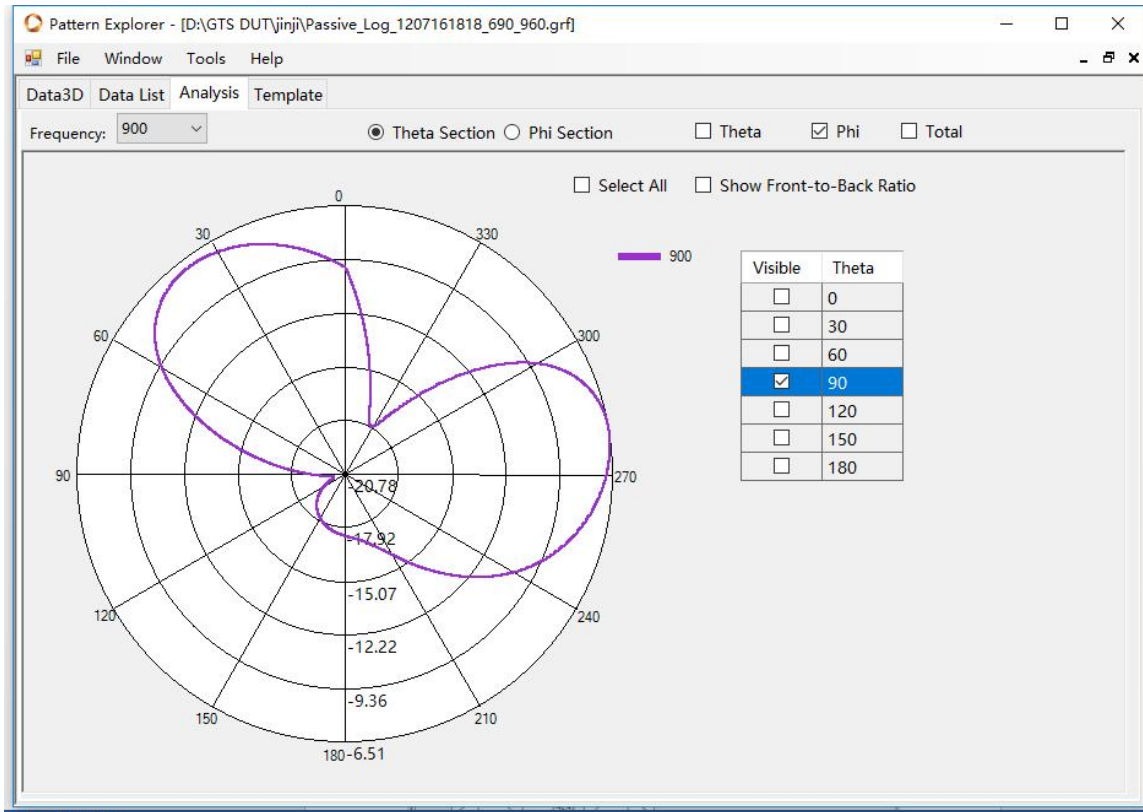
GSM850 / WCDMA B5 / LTE B5/B20    Theta=90deg

※ Antenna Gain

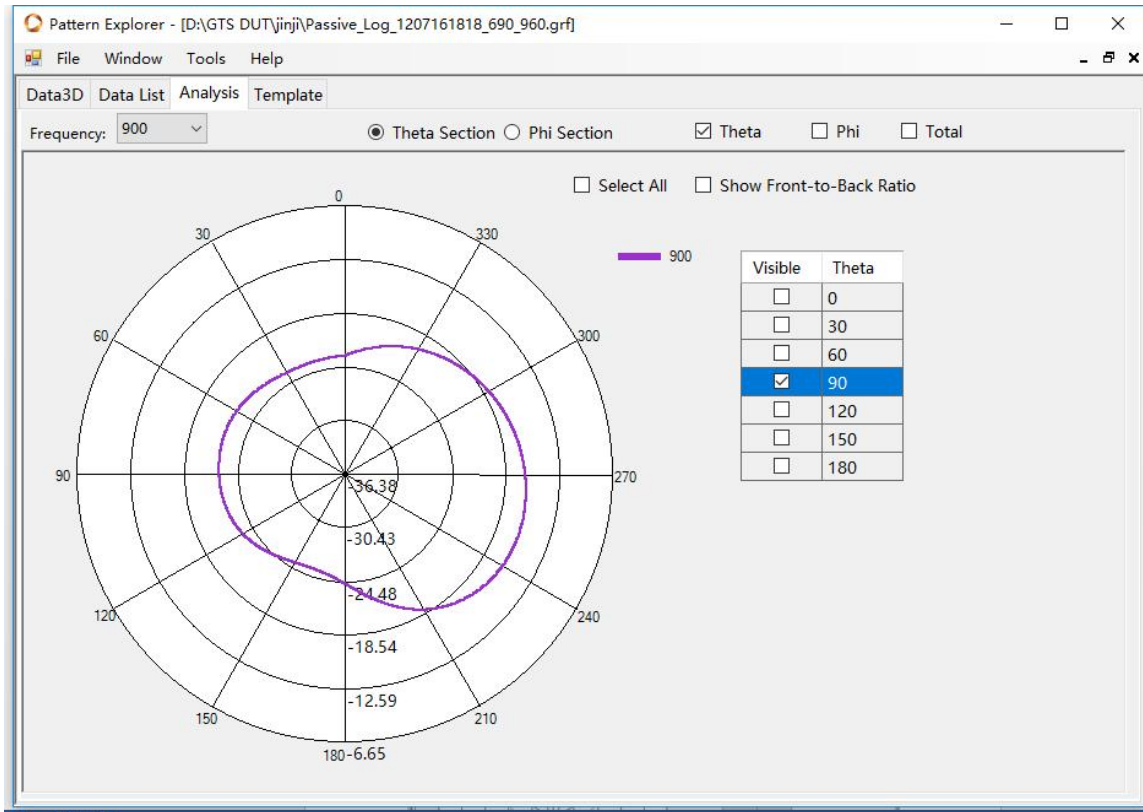
Main Antenna



LTE B8 G900 W8 Phi=0deg



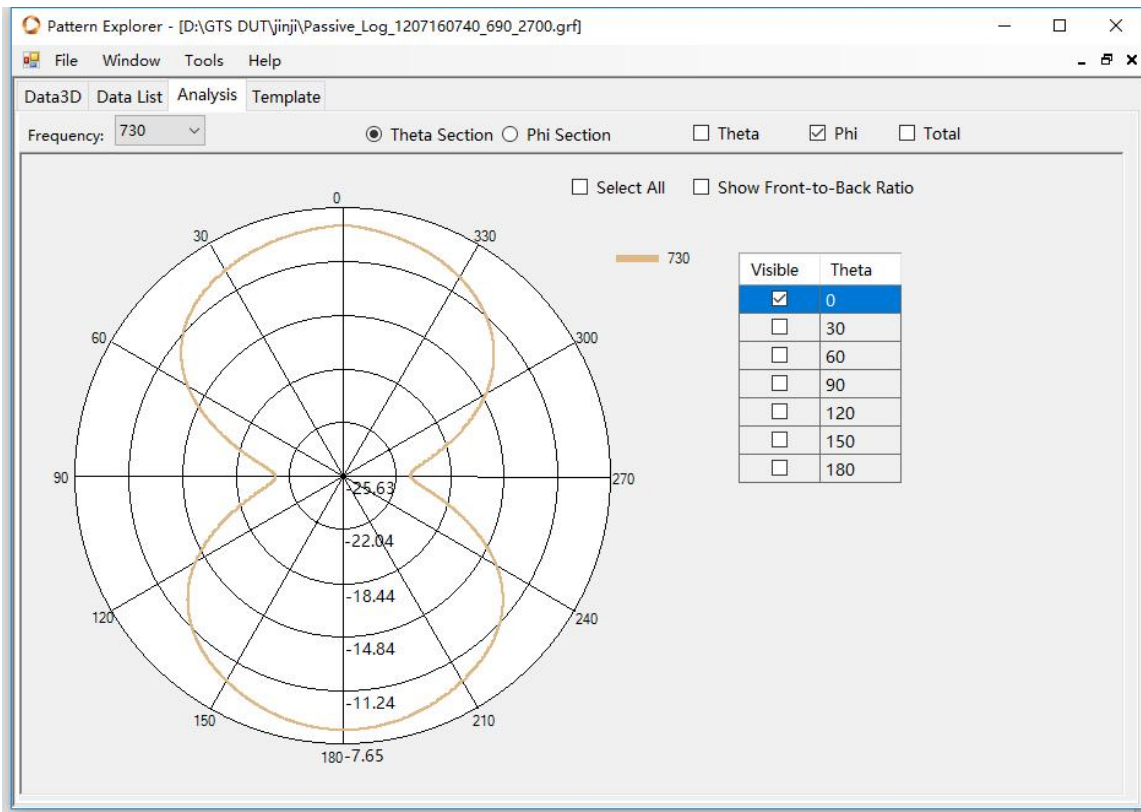
LTE B8 G900 W8Phi=90deg



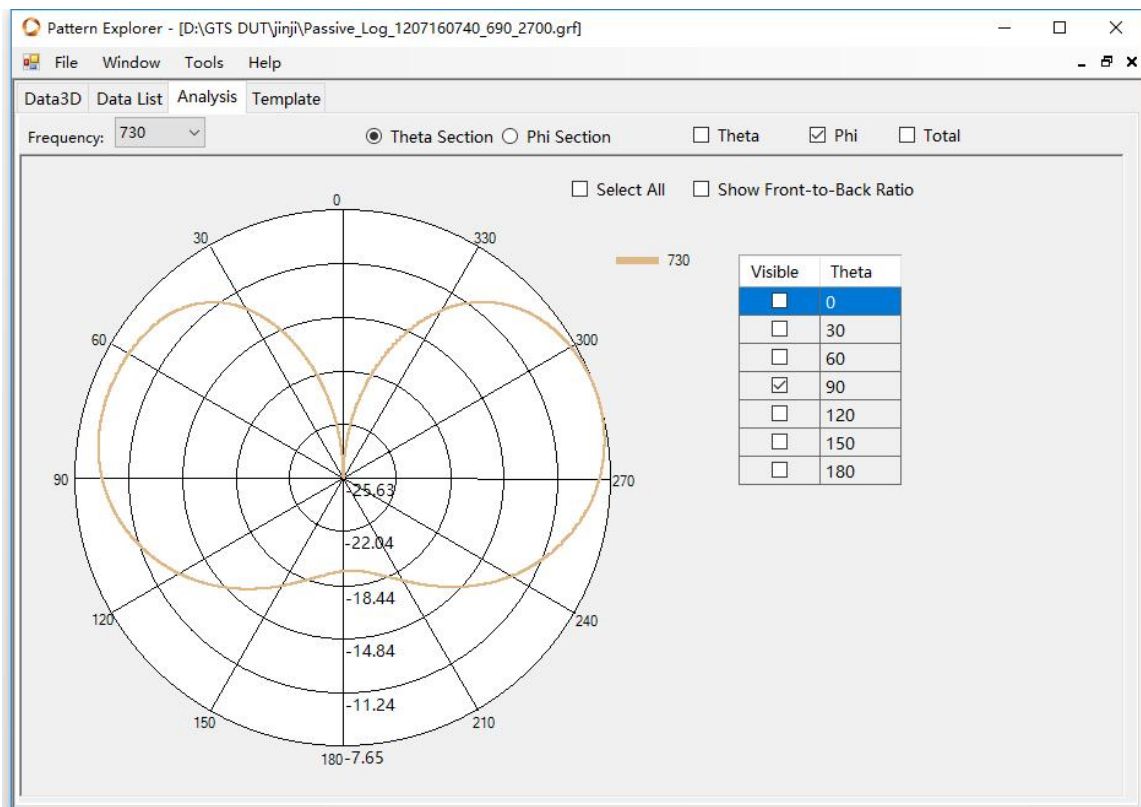
LTE B8 G900 W8 Theta=90deg

※ Antenna Gain

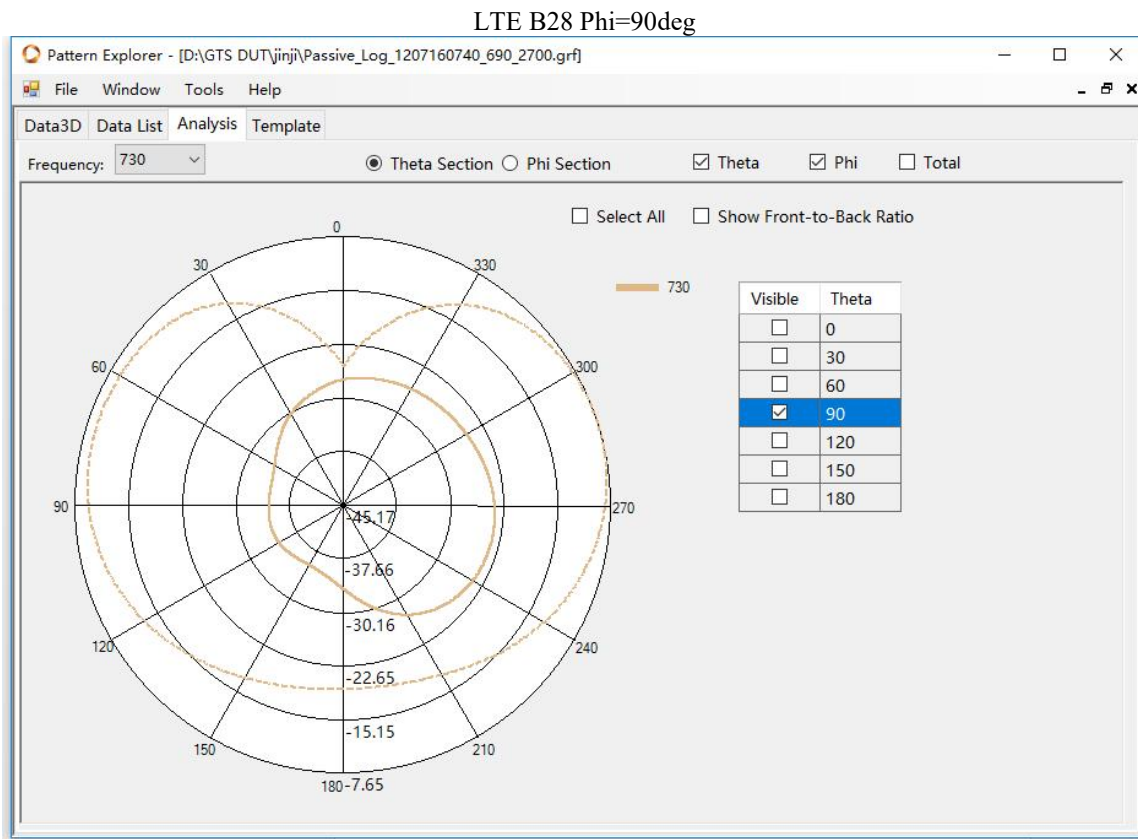
Main Antenna



LTE B28 Phi=0deg



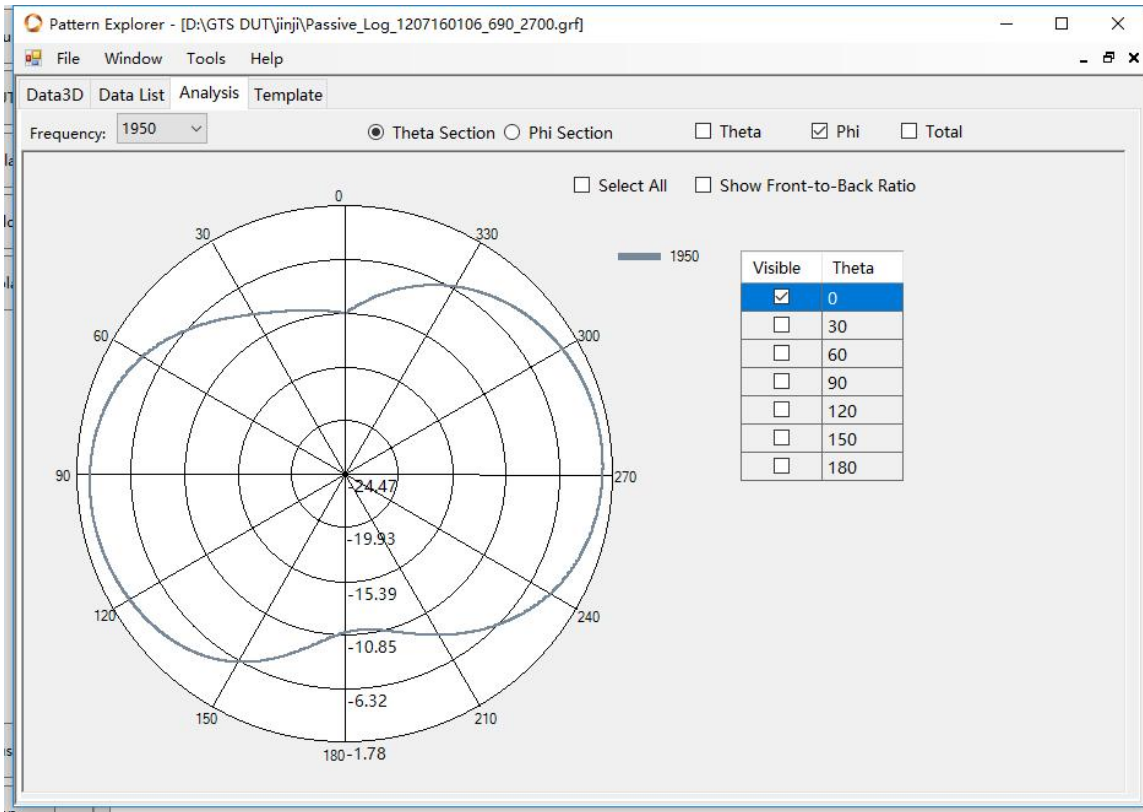




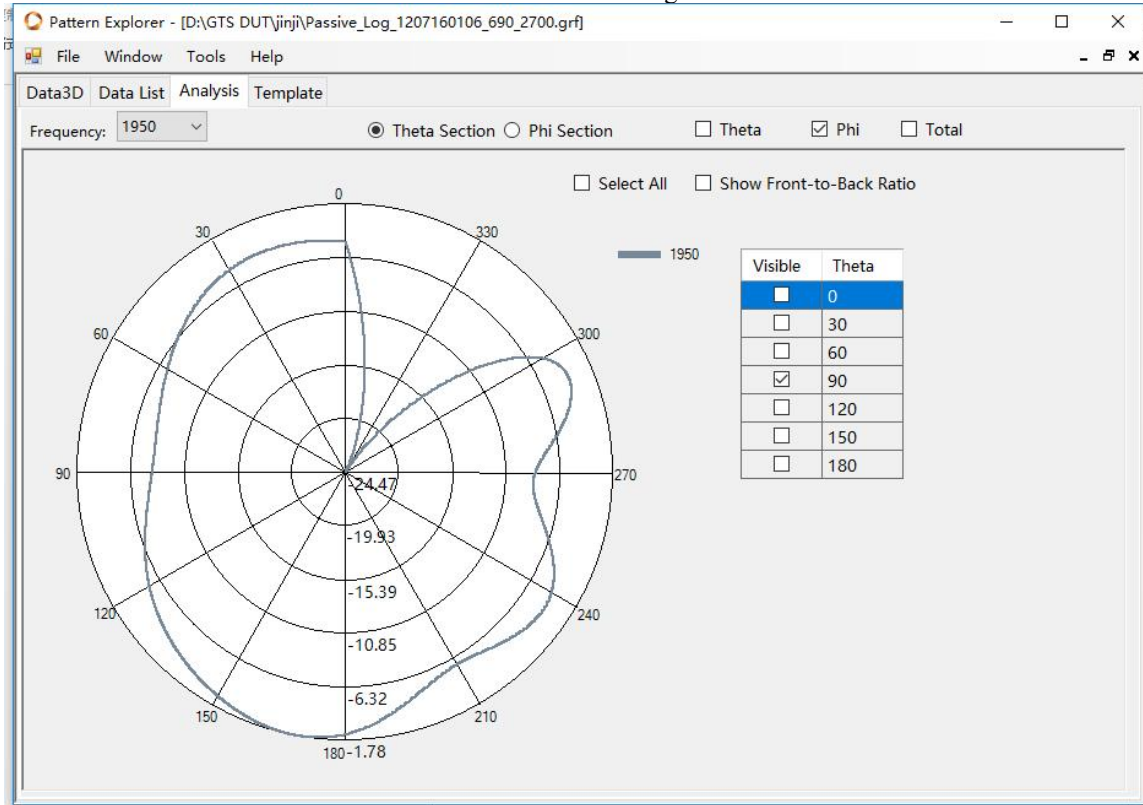
LTE B28 Theta=90deg

※ Antenna Gain

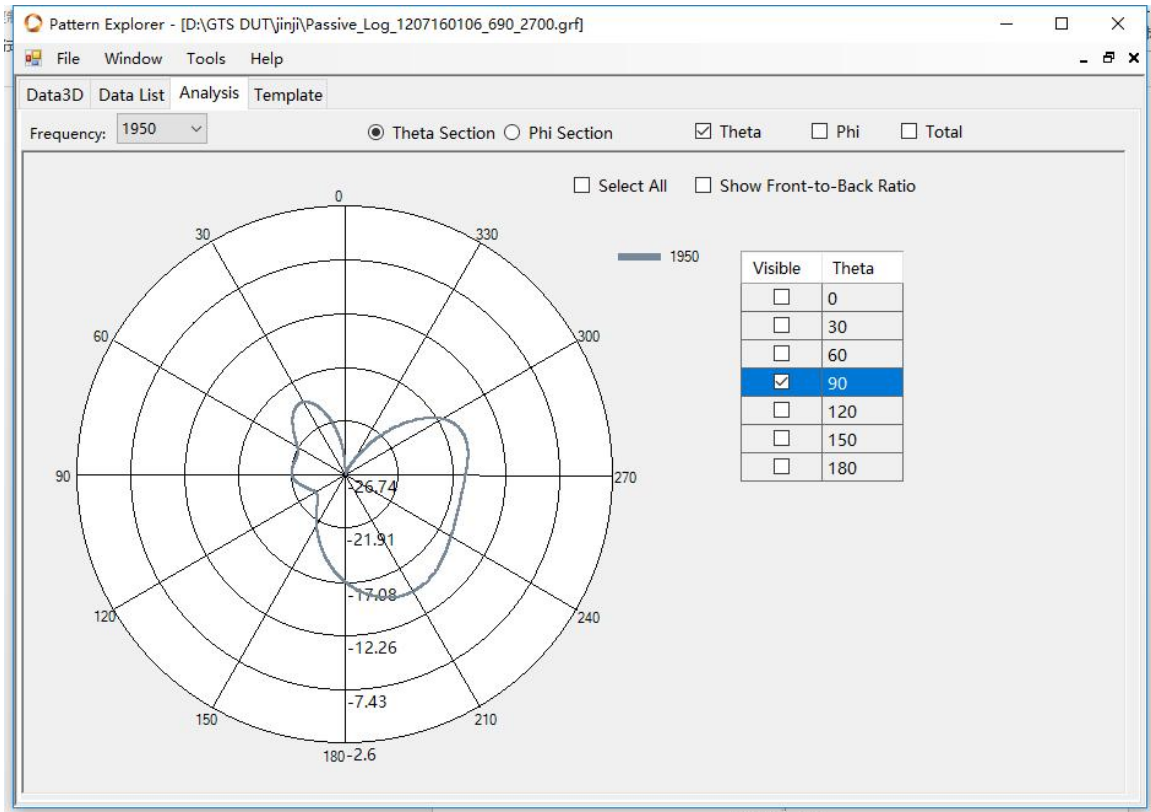
Main Antenna



### LTE B1 Phi=0deg



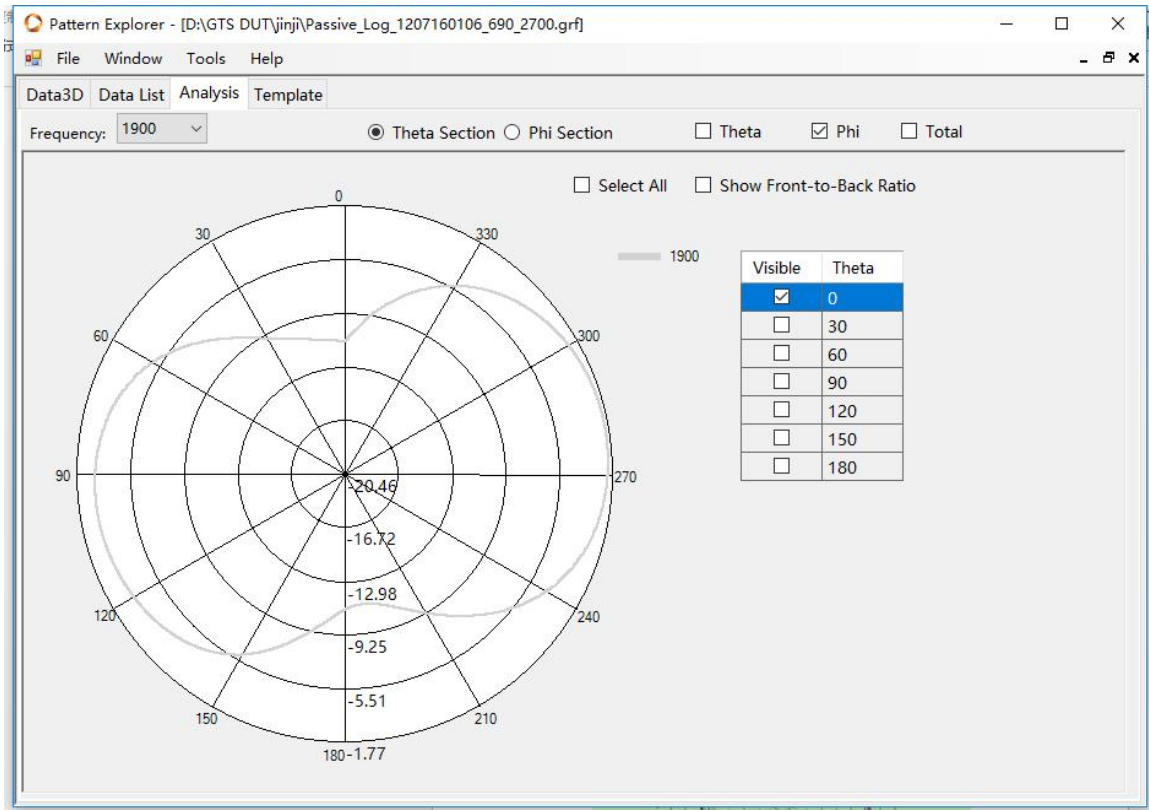
### LTE B1 Phi=90deg



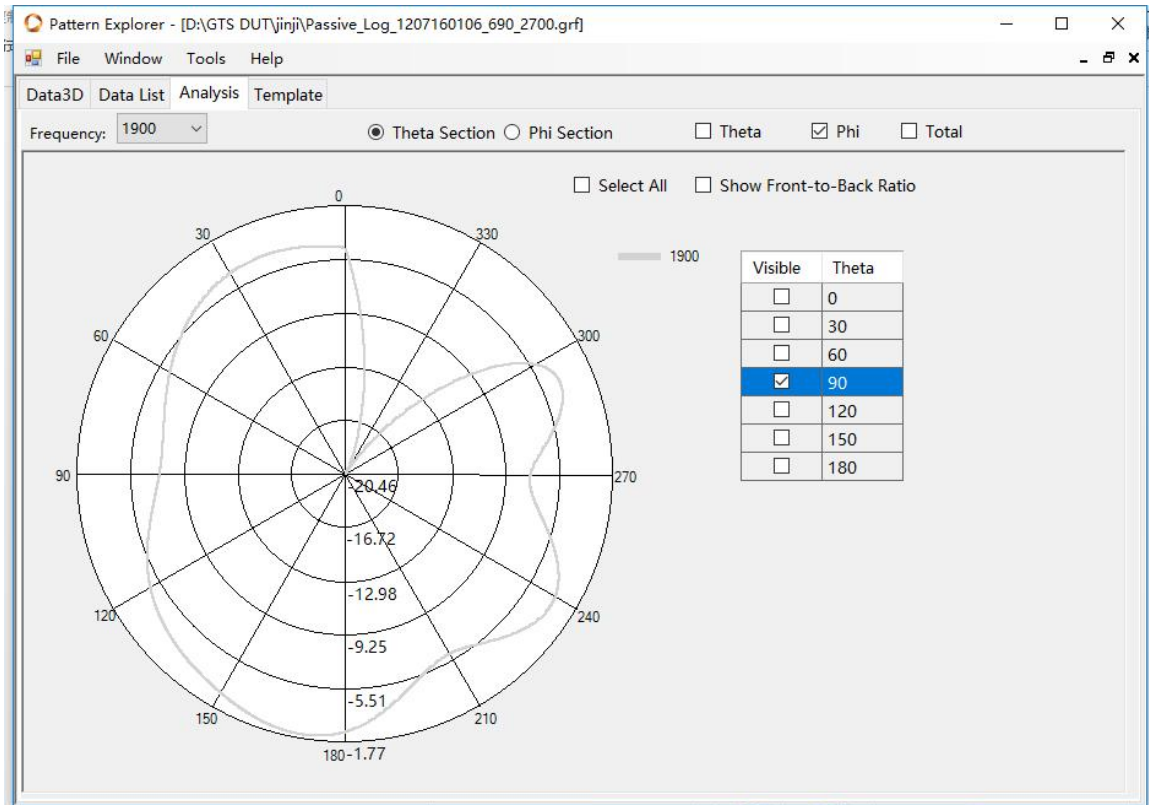
### LTE B1 Theta=90deg

✂ Antenna Gain

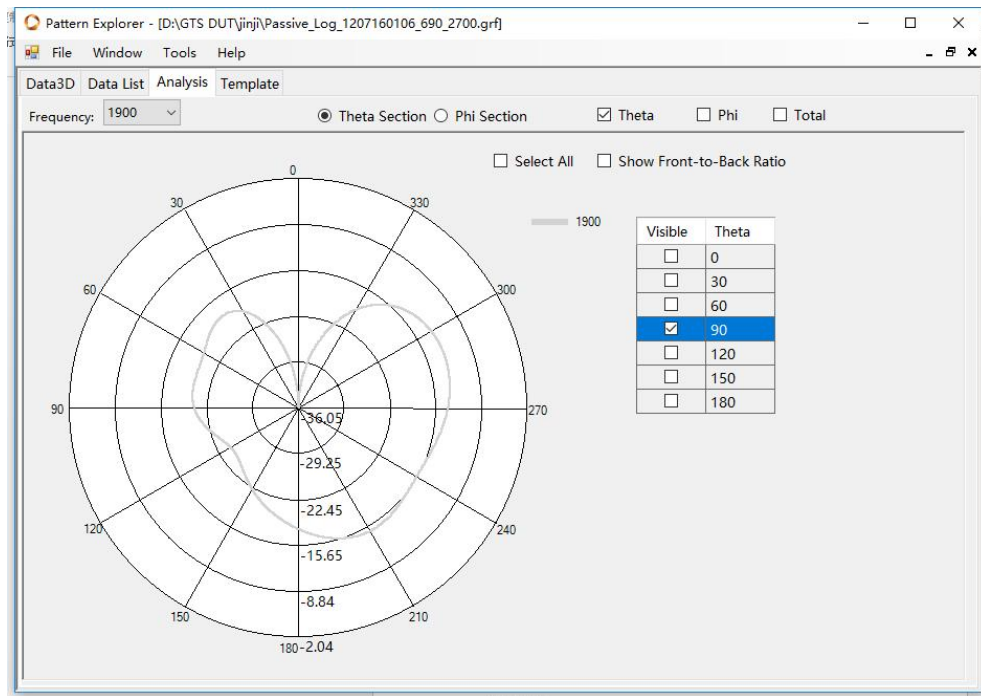
Main Antenna



LTE B2 G1900 W1900 Phi=0deg



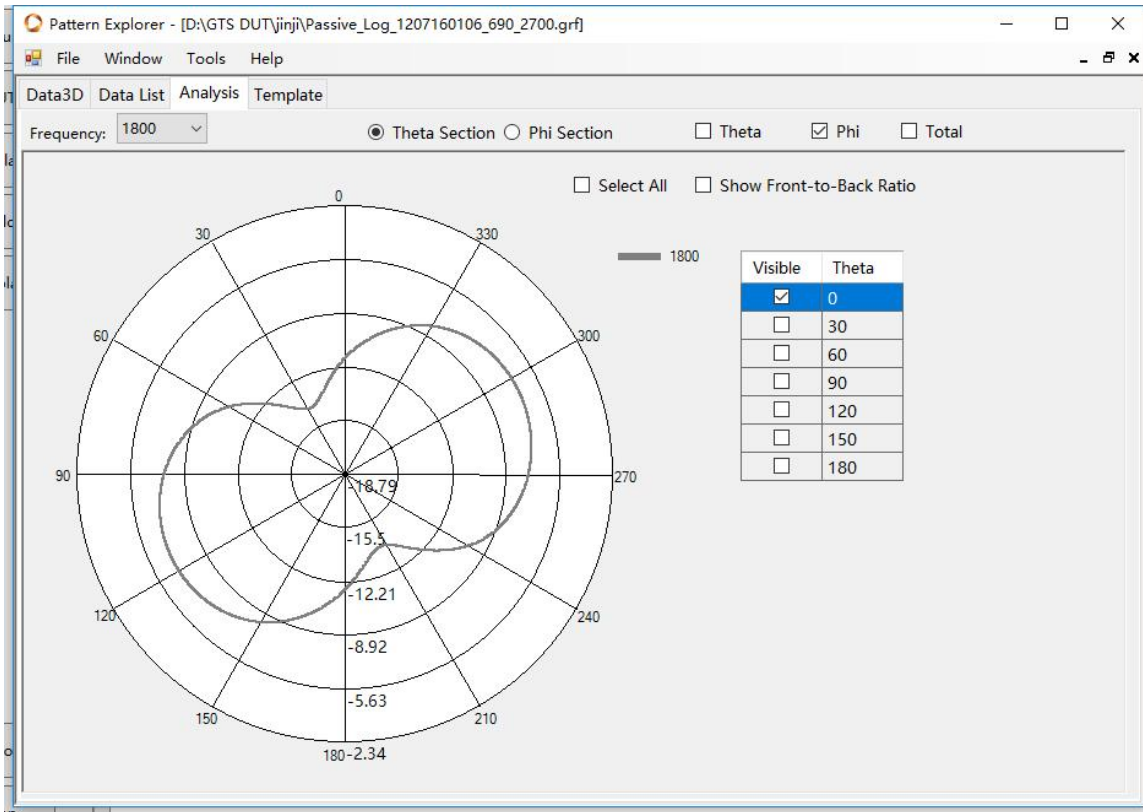
LTE B2 G1900 W1900 Phi=90deg



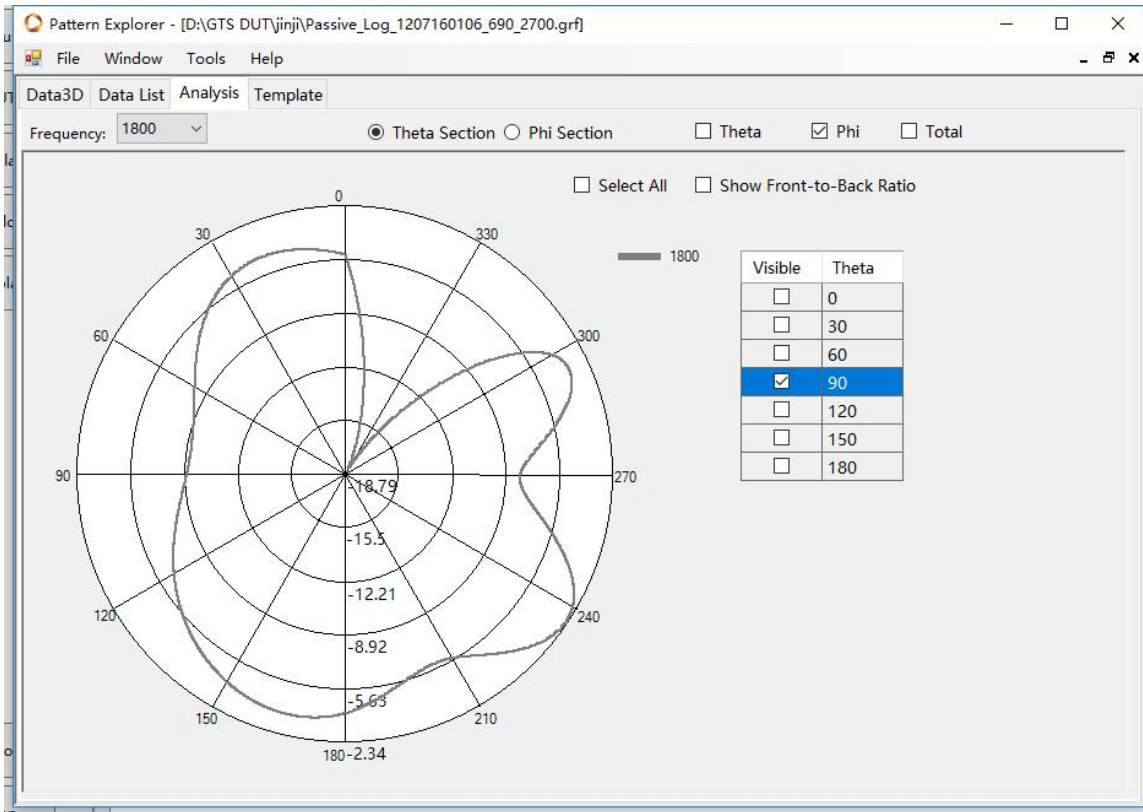
LTE B2 G1900 W1900 Theta=90deg

※ Antenna Gain

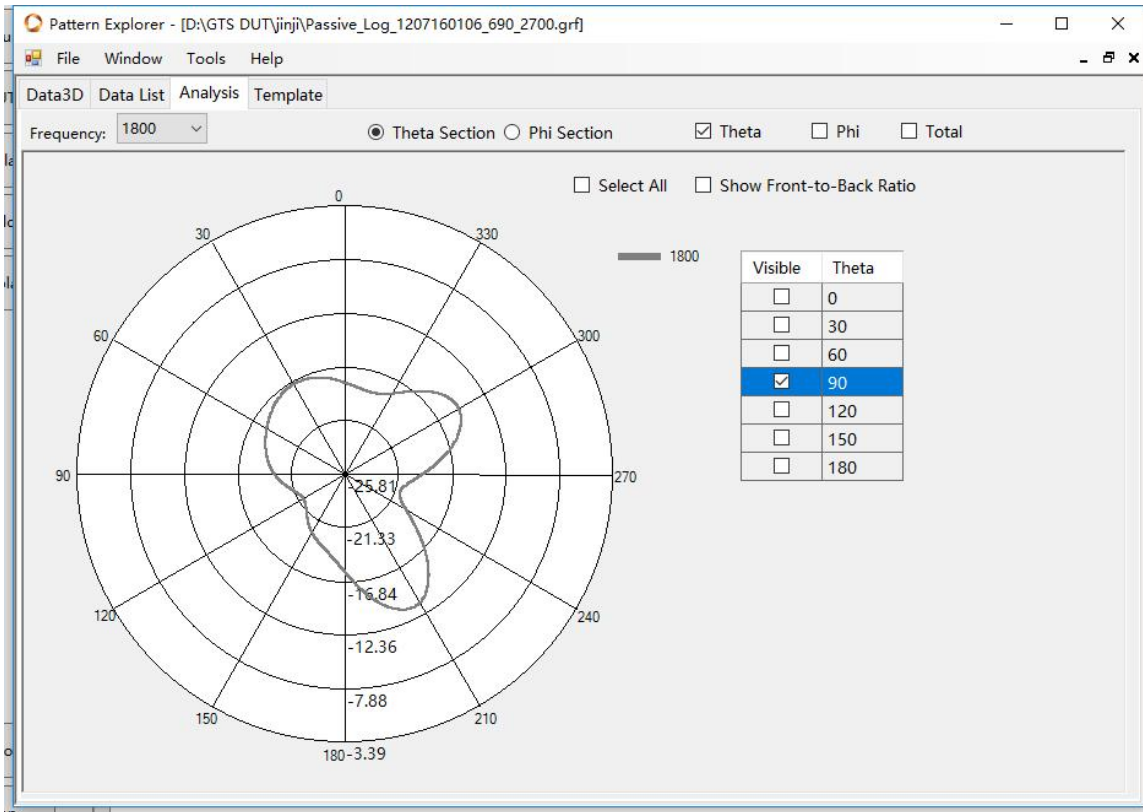
Main Antenna



LTE B3 G1800 Phi=0deg



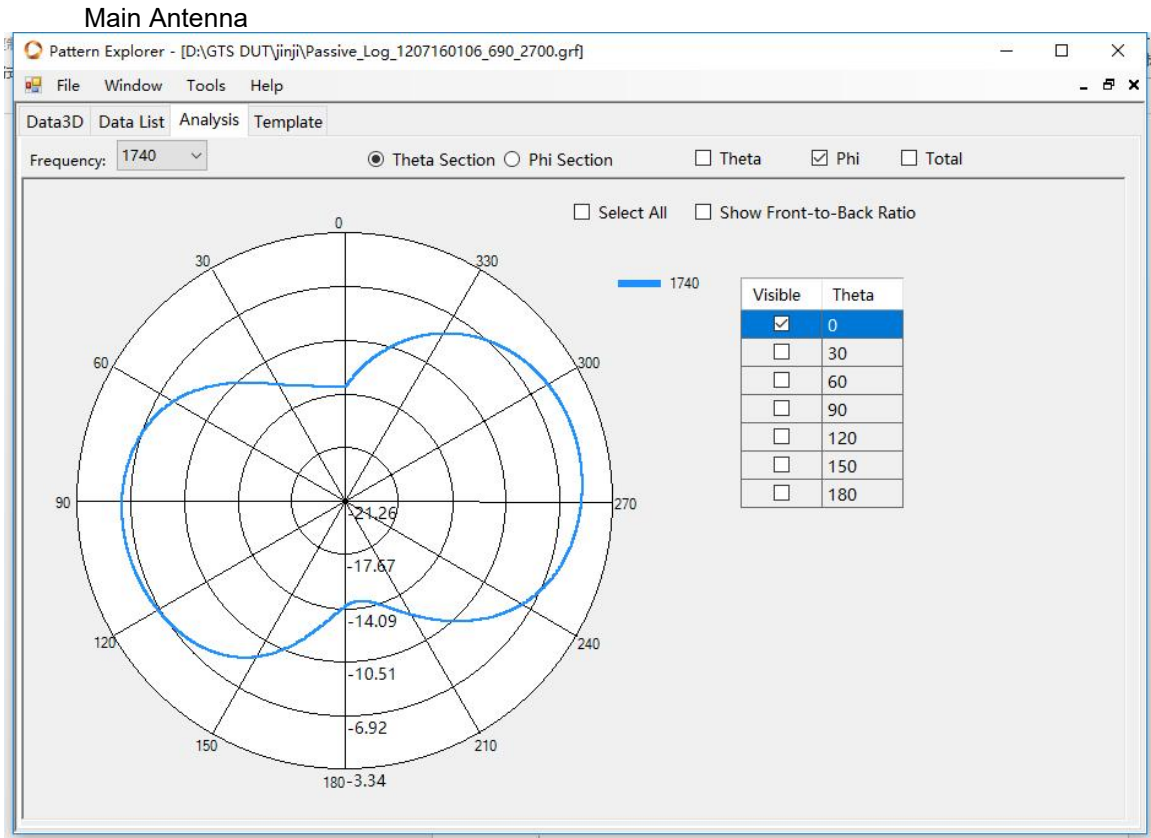
LTE B3 G1800 Phi=90deg



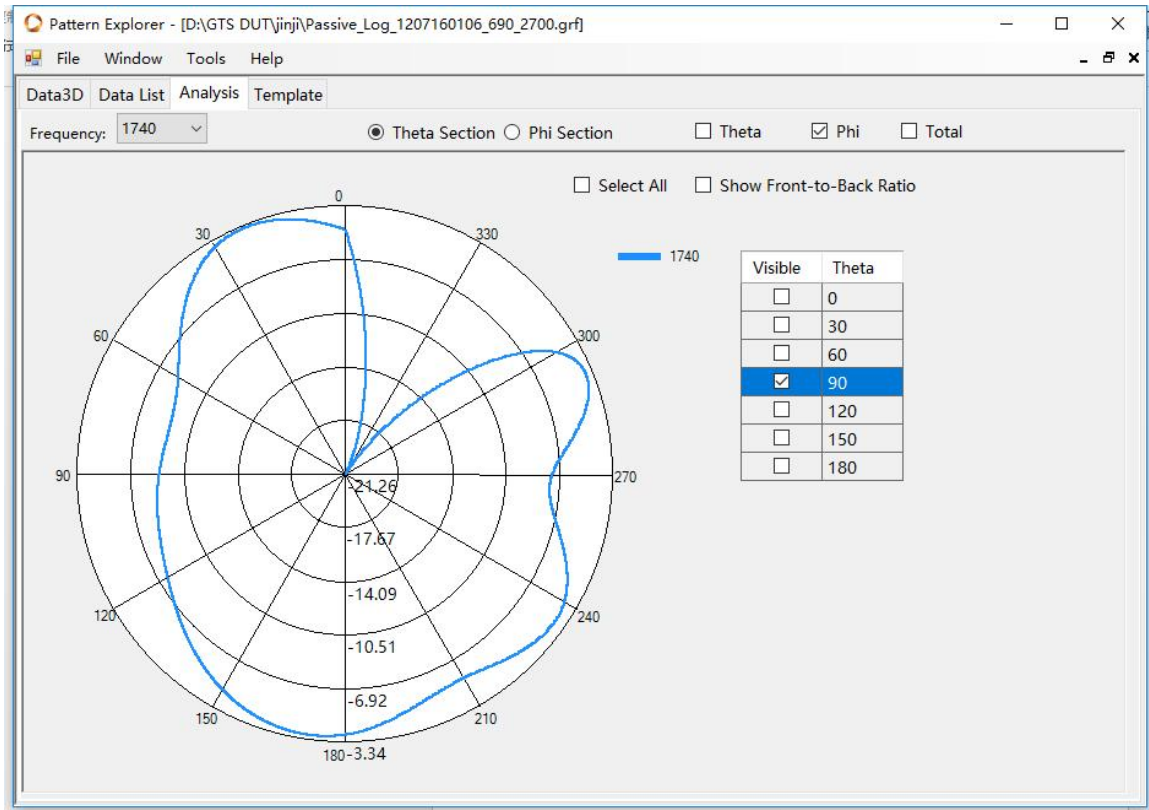
LTE B3 G1800 Theta=90deg

※ Antenna Gain

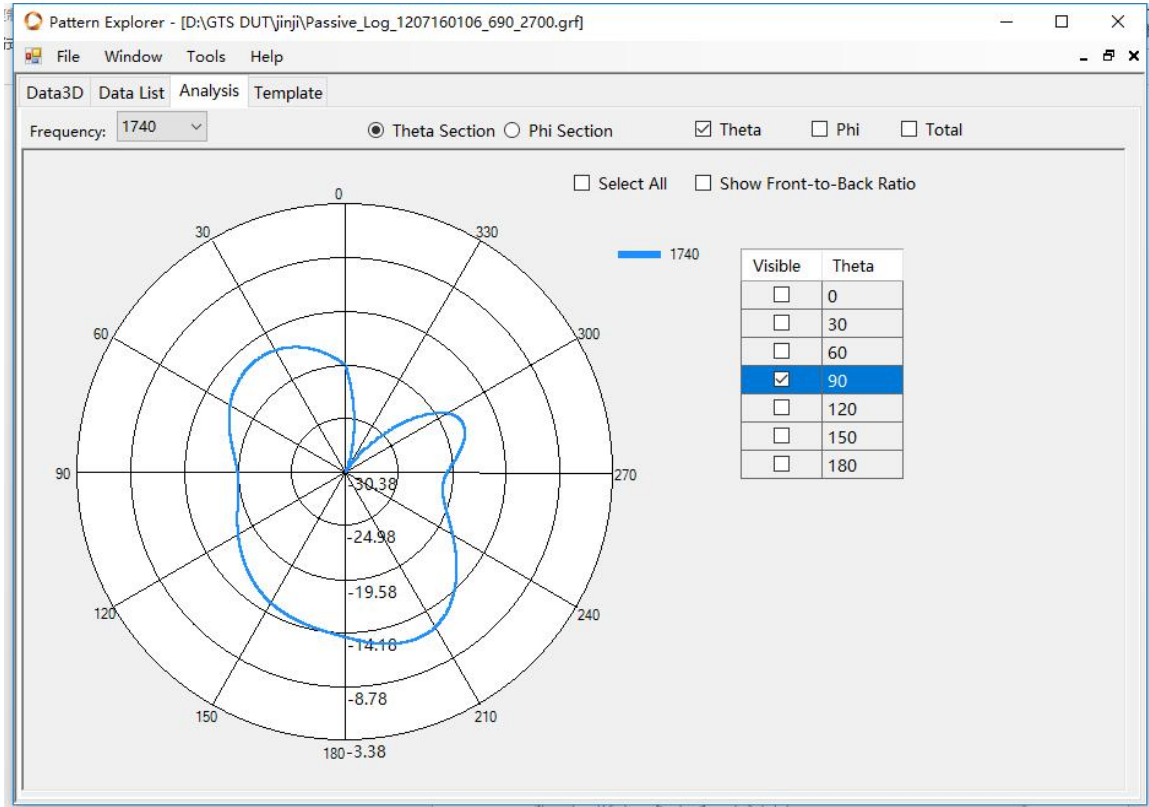




LTE B4 Phi=0deg



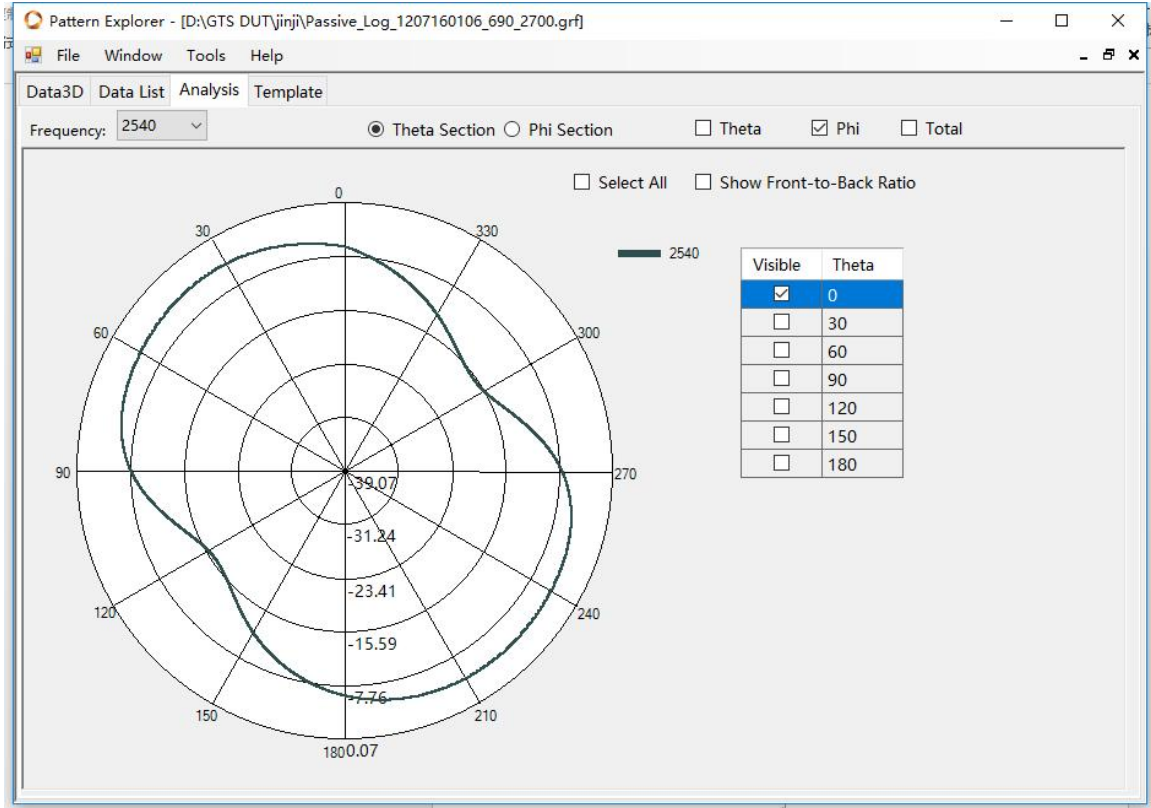
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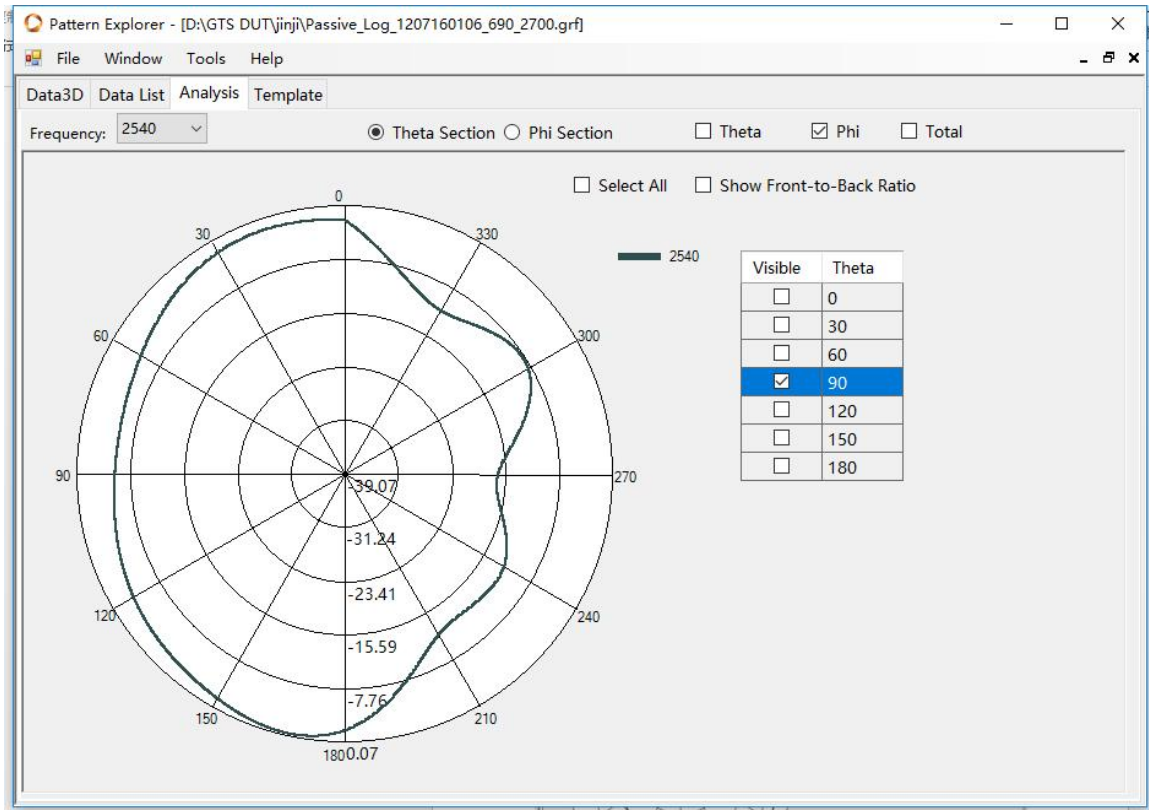
S

LTE B4 Theta=90deg

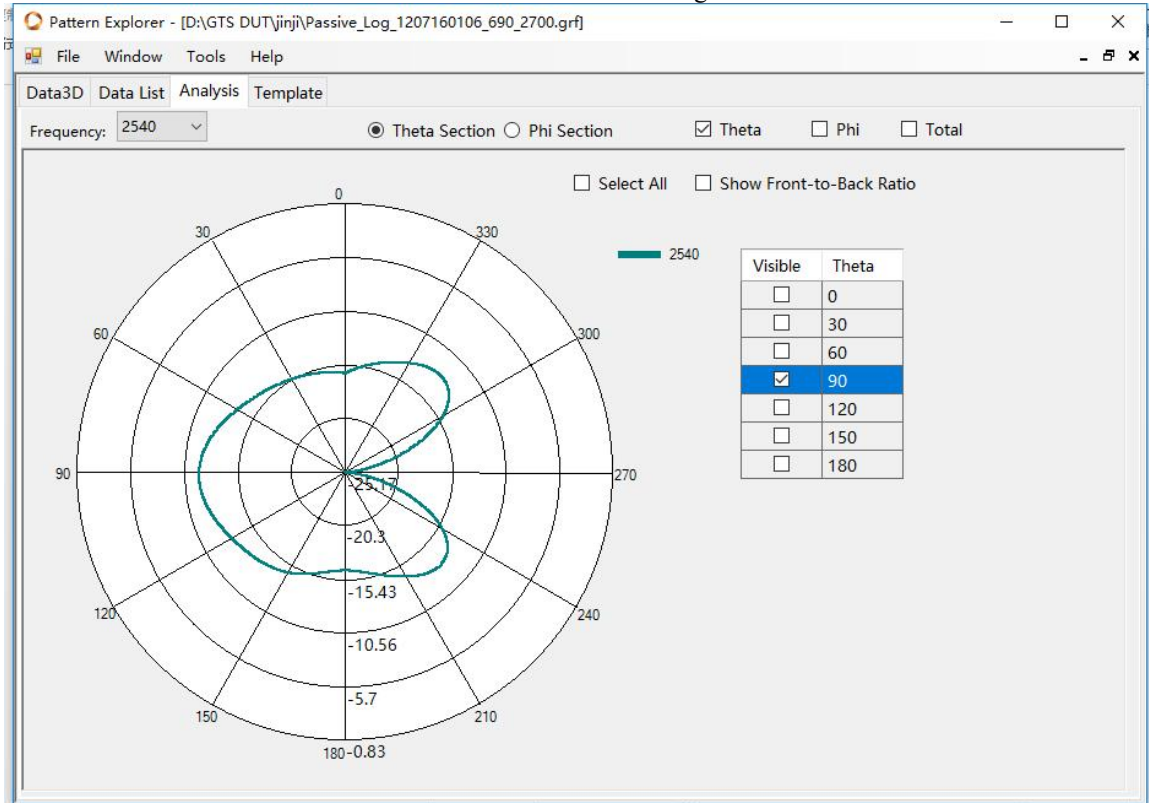
※ Antenna Gain  
Main Antenna



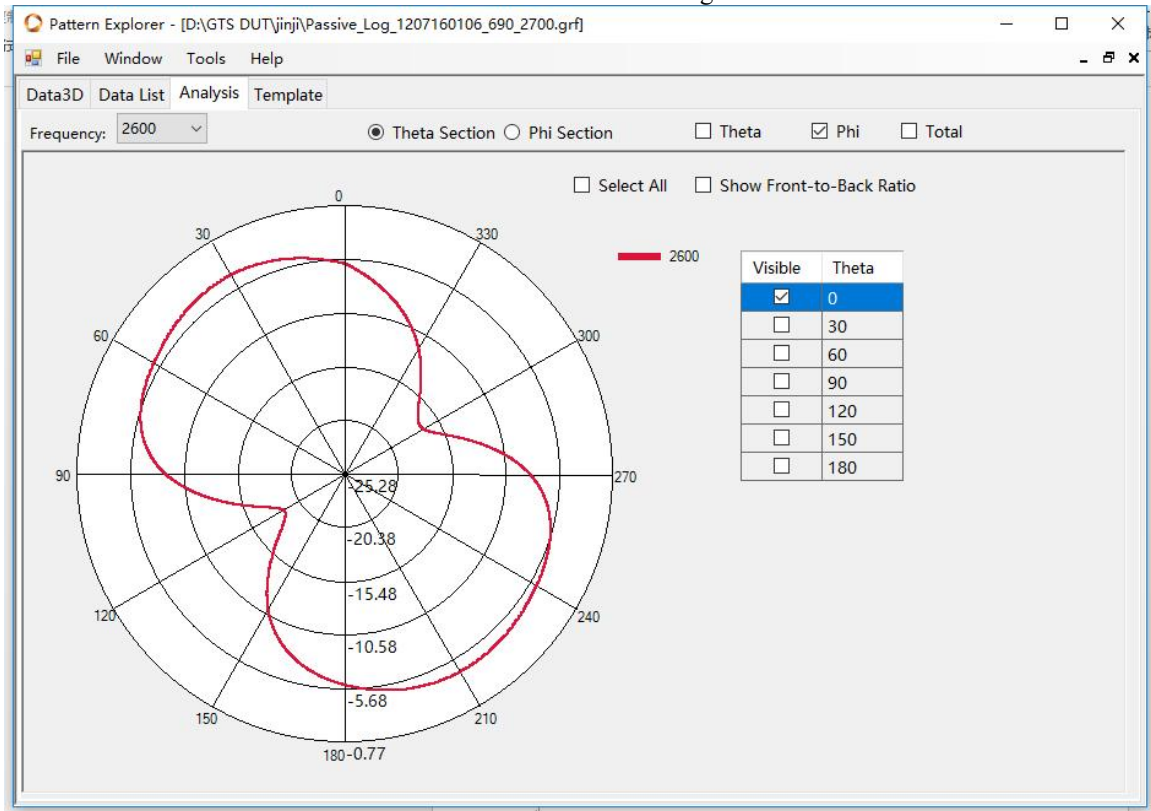
LTE B7 Phi=0deg



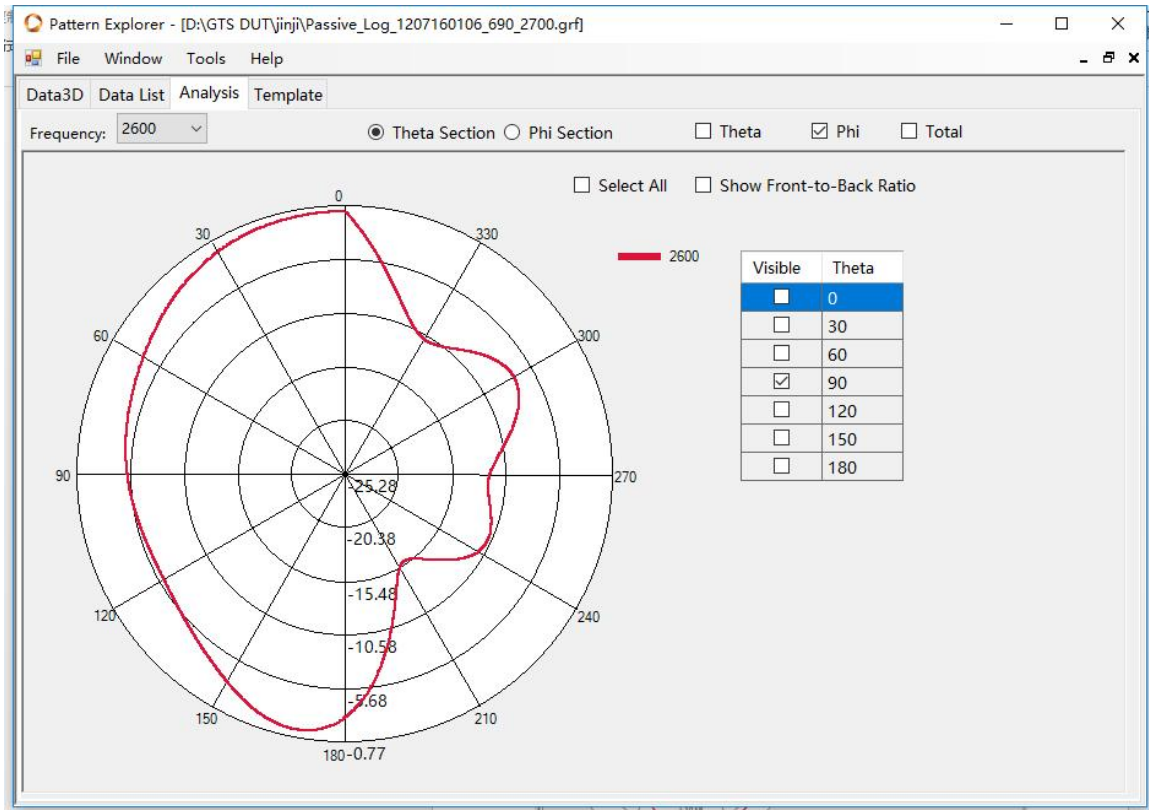
LTE B7 Phi=90deg



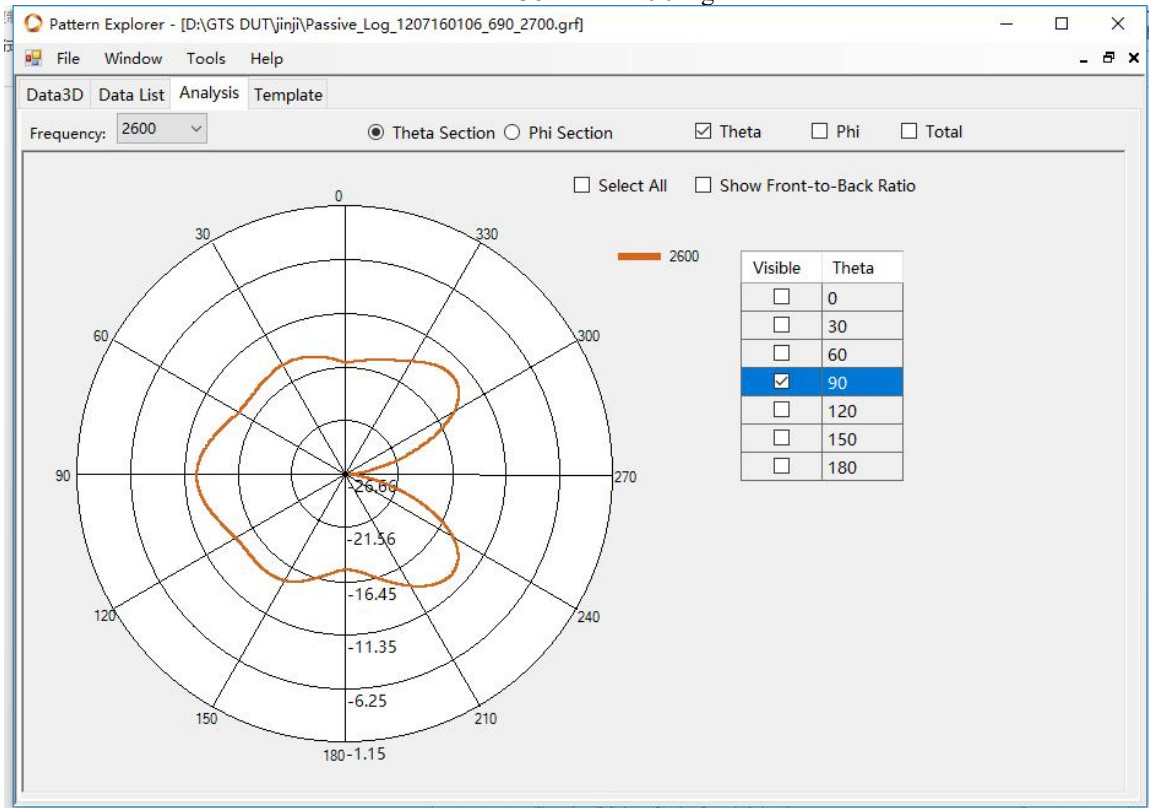
LTE B7 Theta=90deg



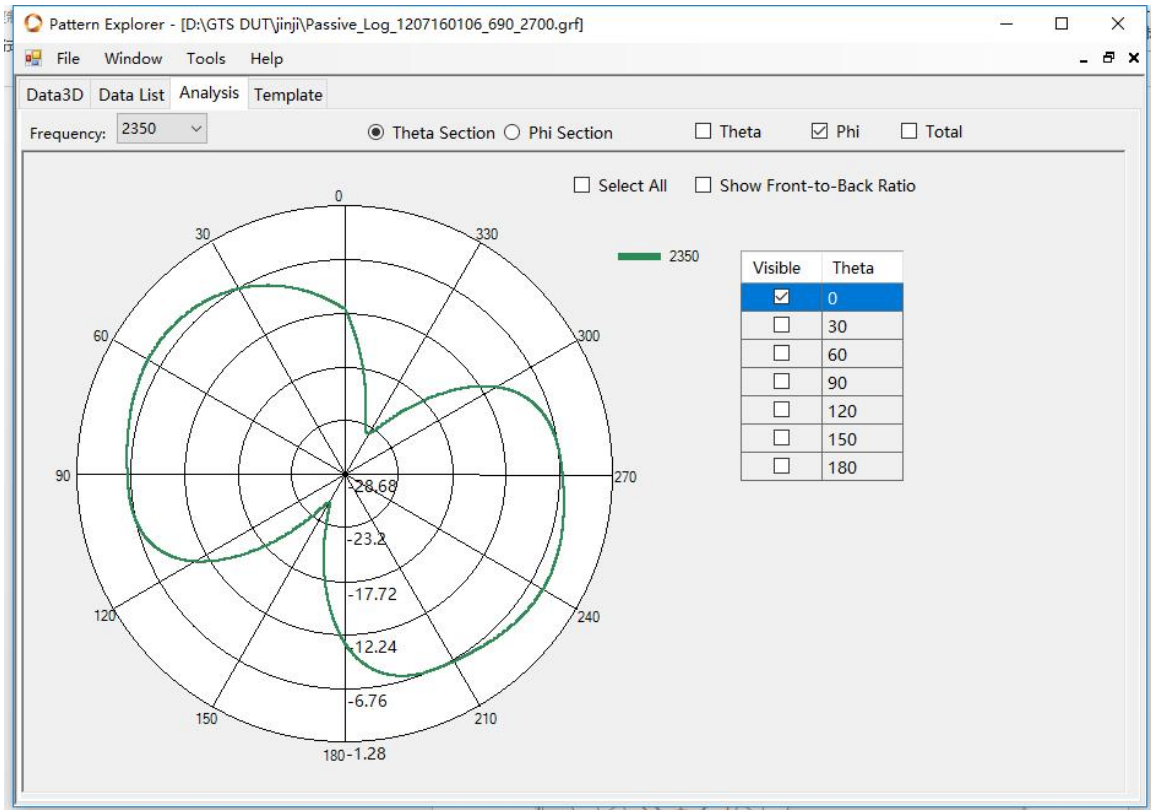
LTE B38 Phi=0deg



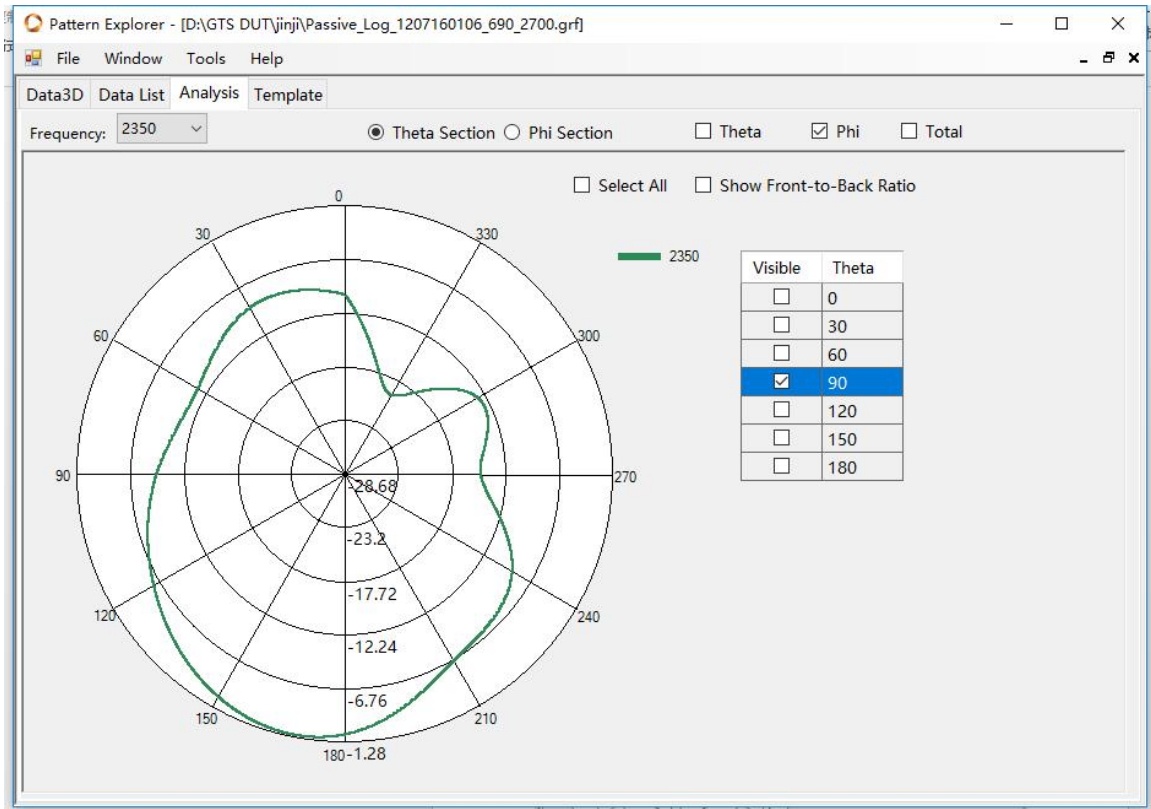
LTE B38 Phi=90deg



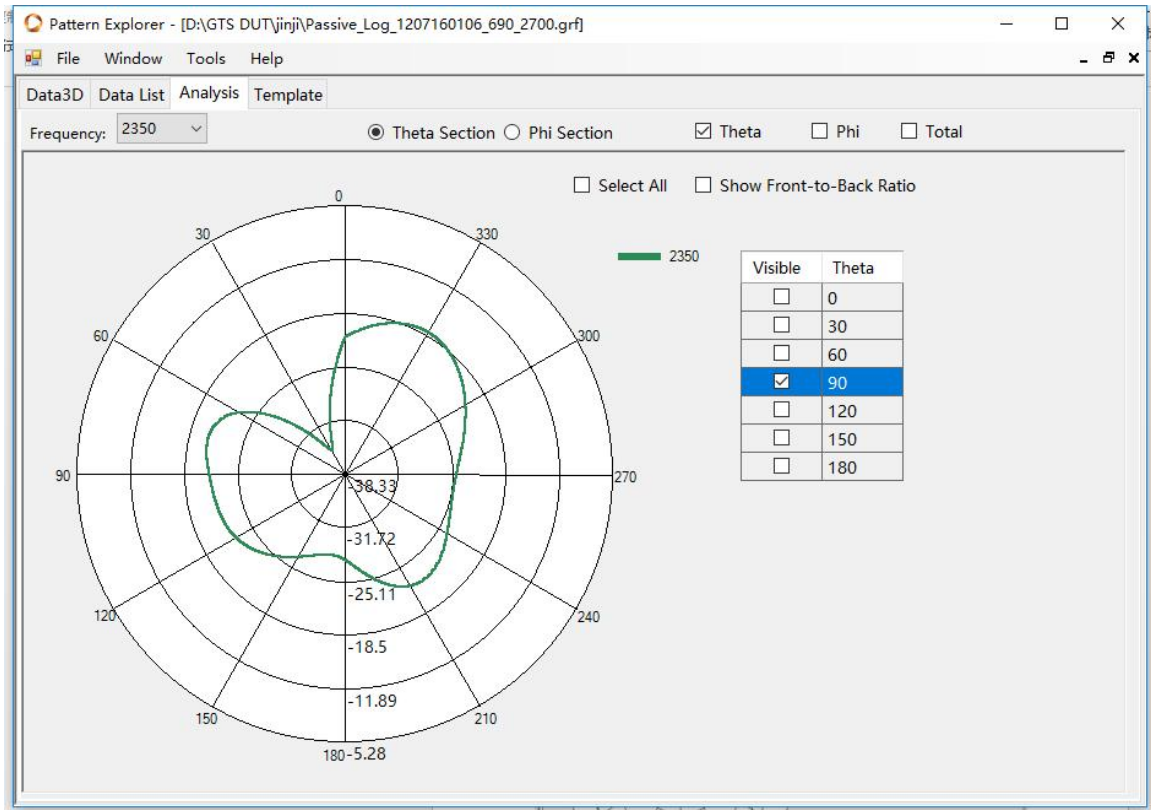
LTE B38 I Theta=90deg



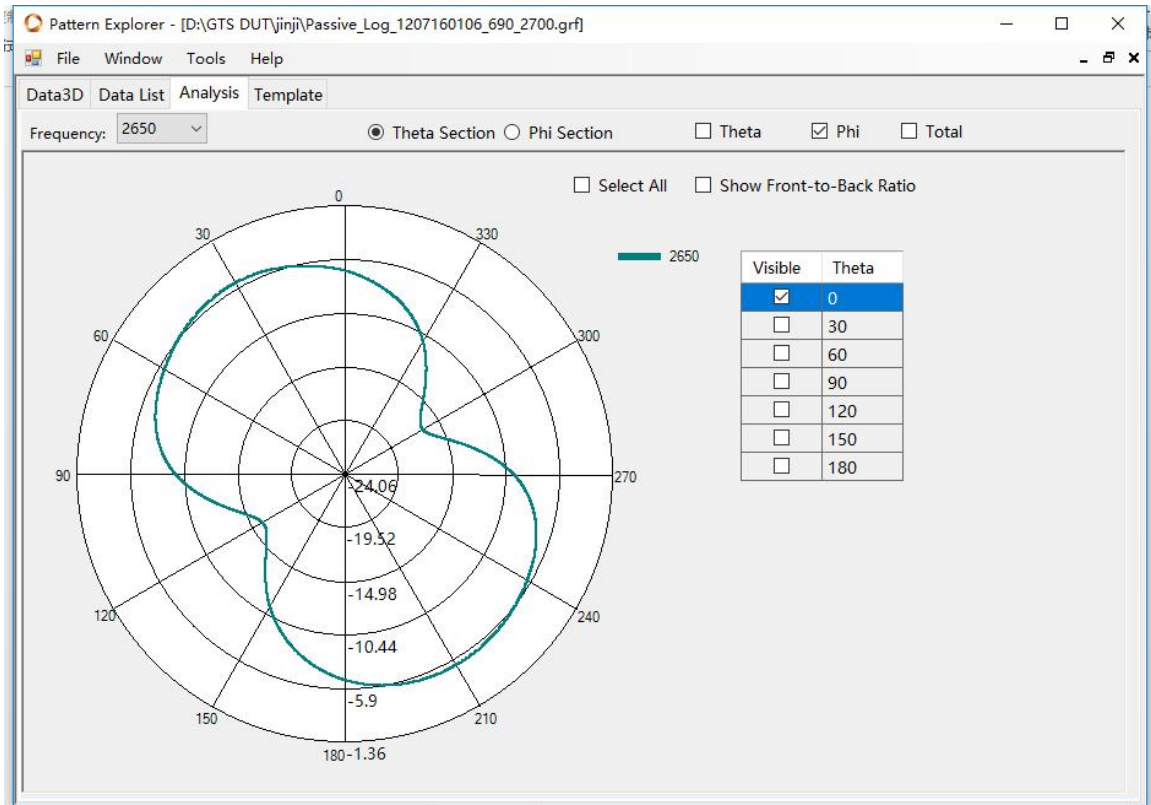
LTE B40 Phi=0deg



LTE B40 Phi=90deg

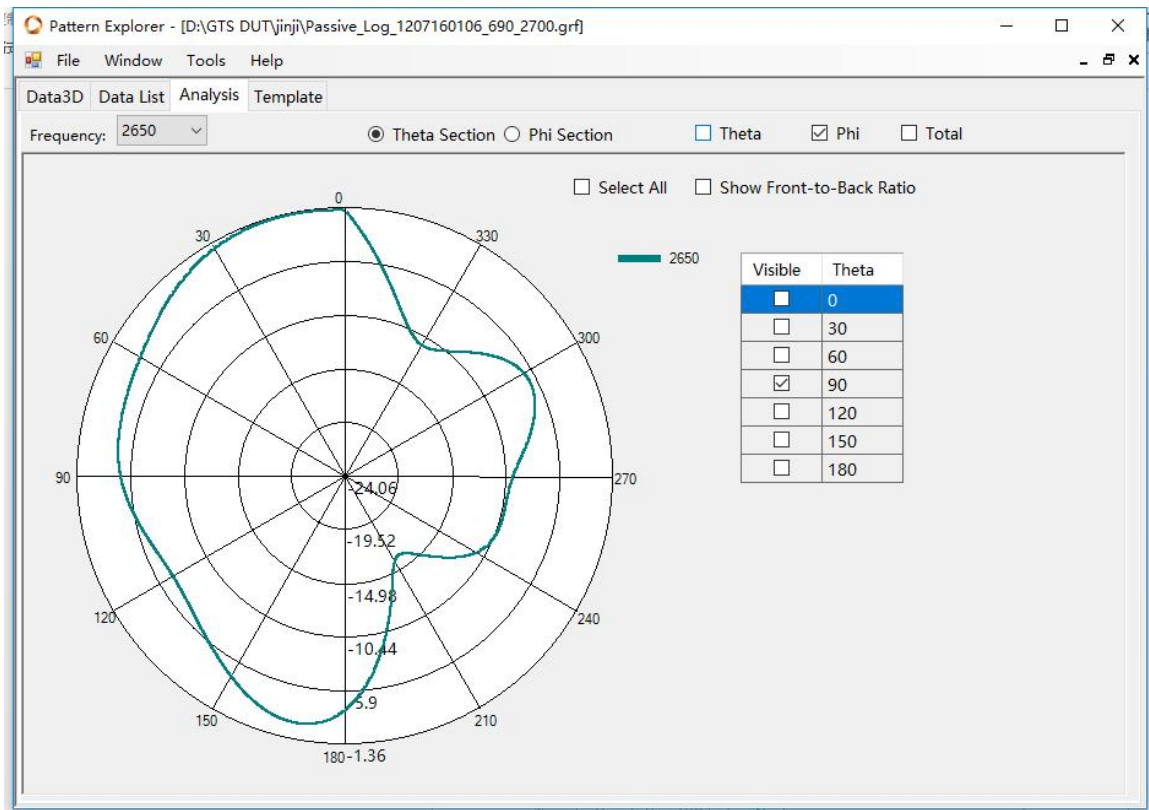


LTE B40 Theta=90deg

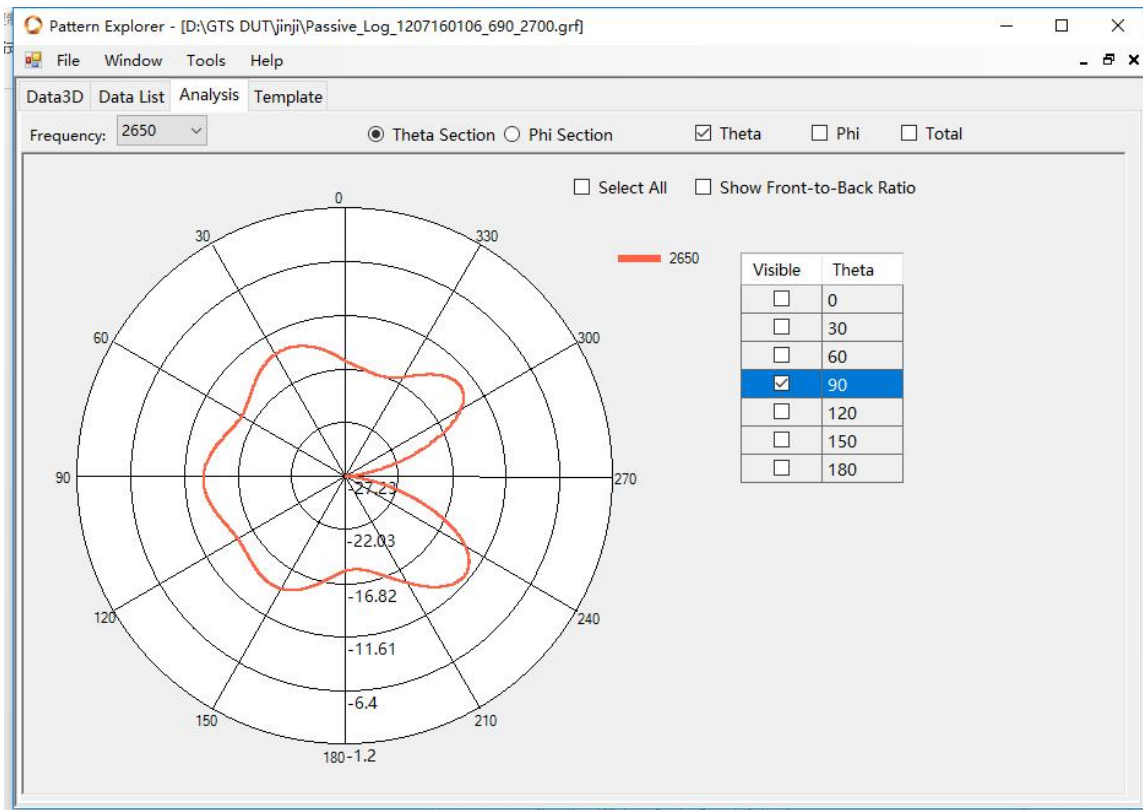




LTE B41 Phi=0deg



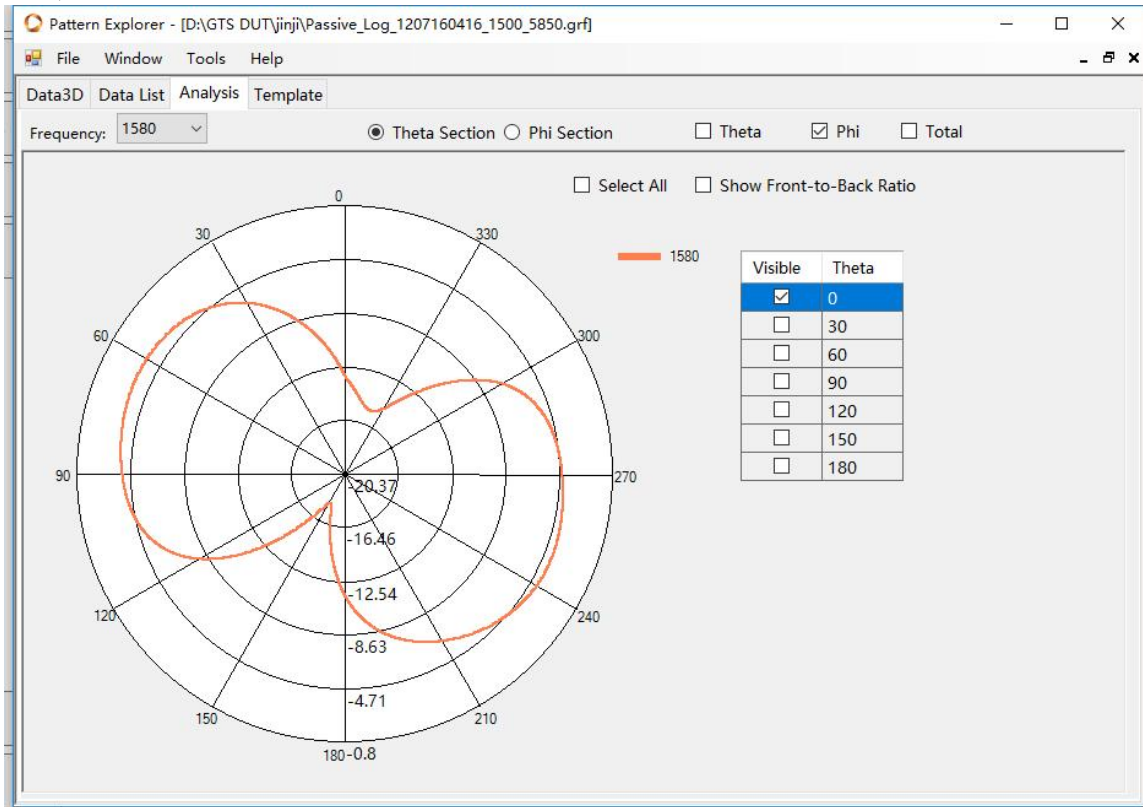
LTE B41 Phi=90deg



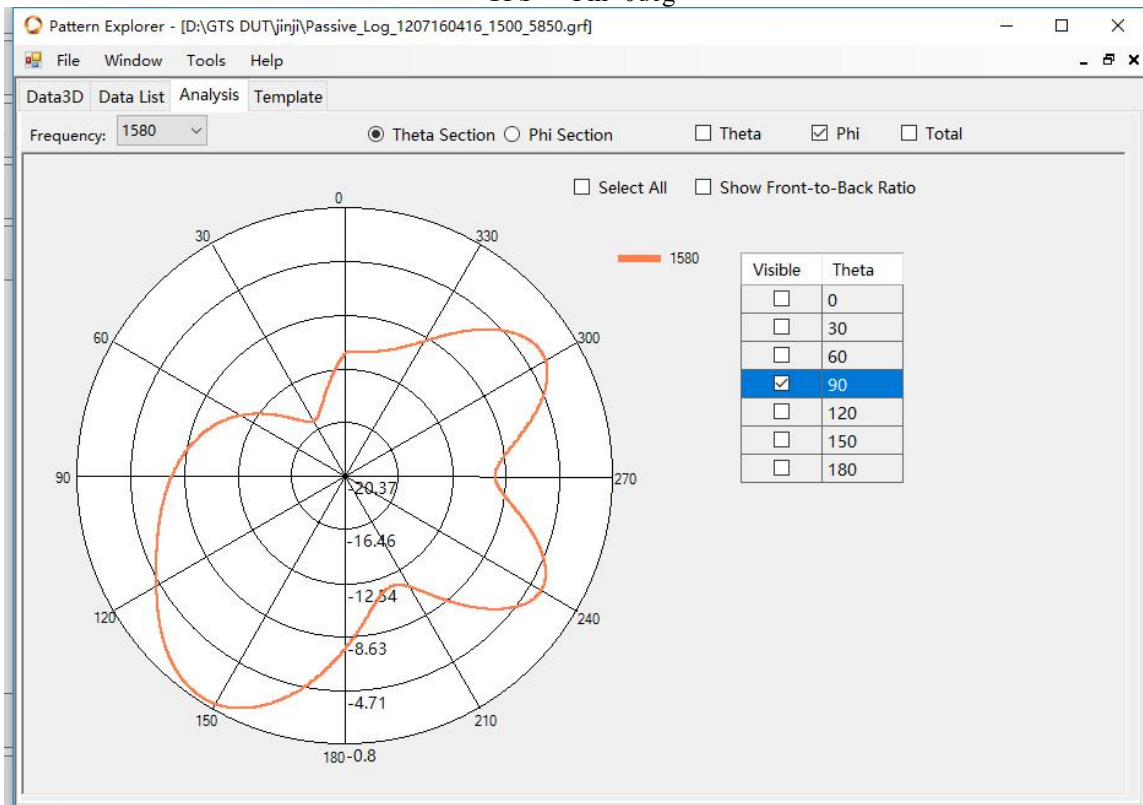
LTE B41 Theta=90deg

※ Antenna Gain

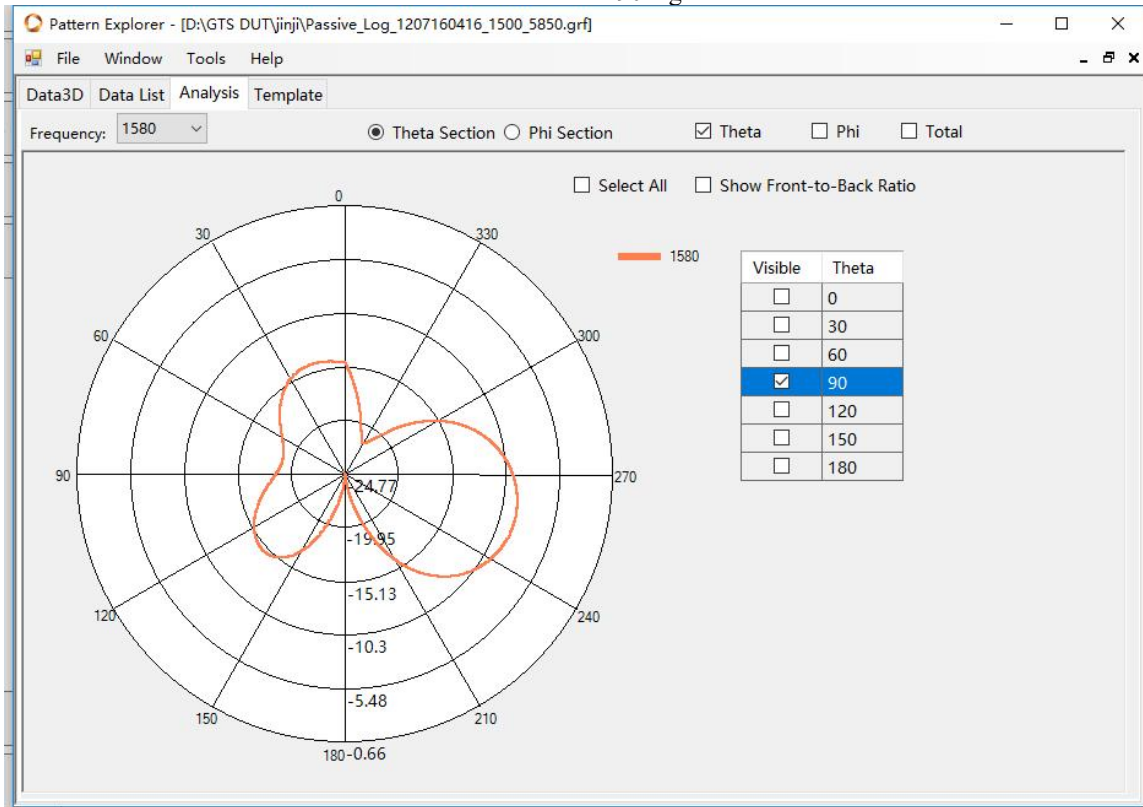
# 4N1 Antenna



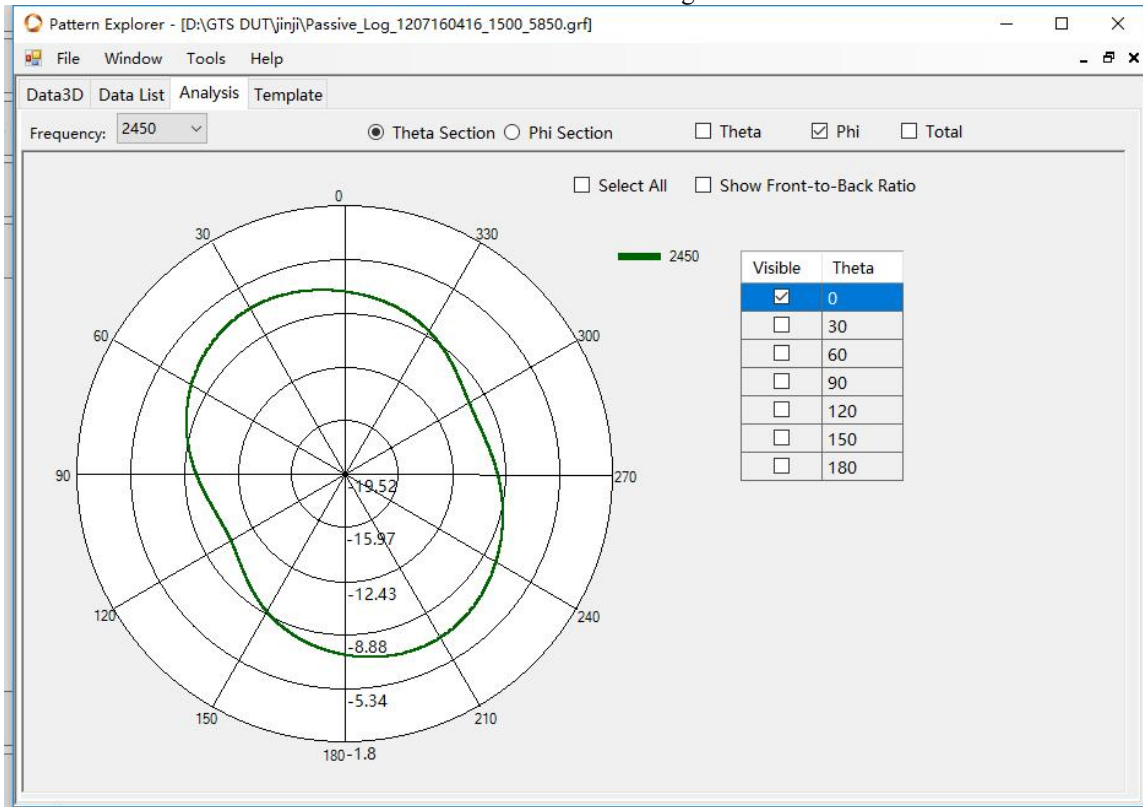
# GPS Phi=0deg



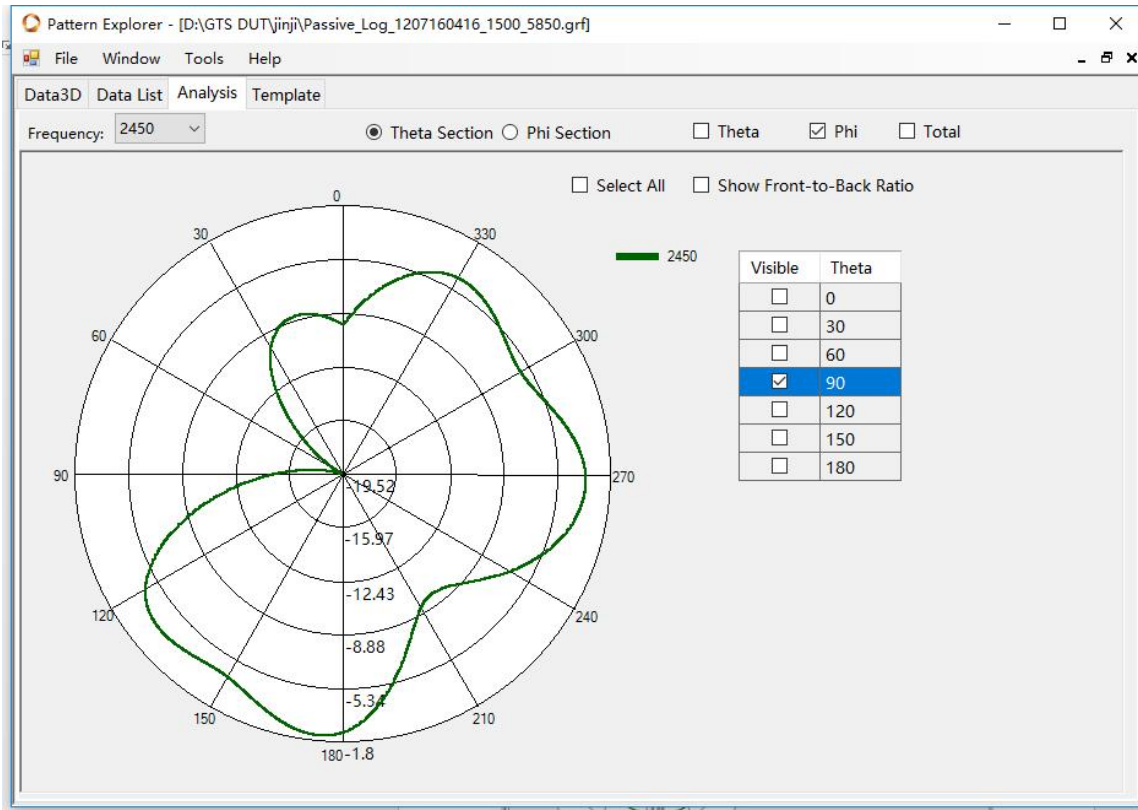
GPS Phi=90deg



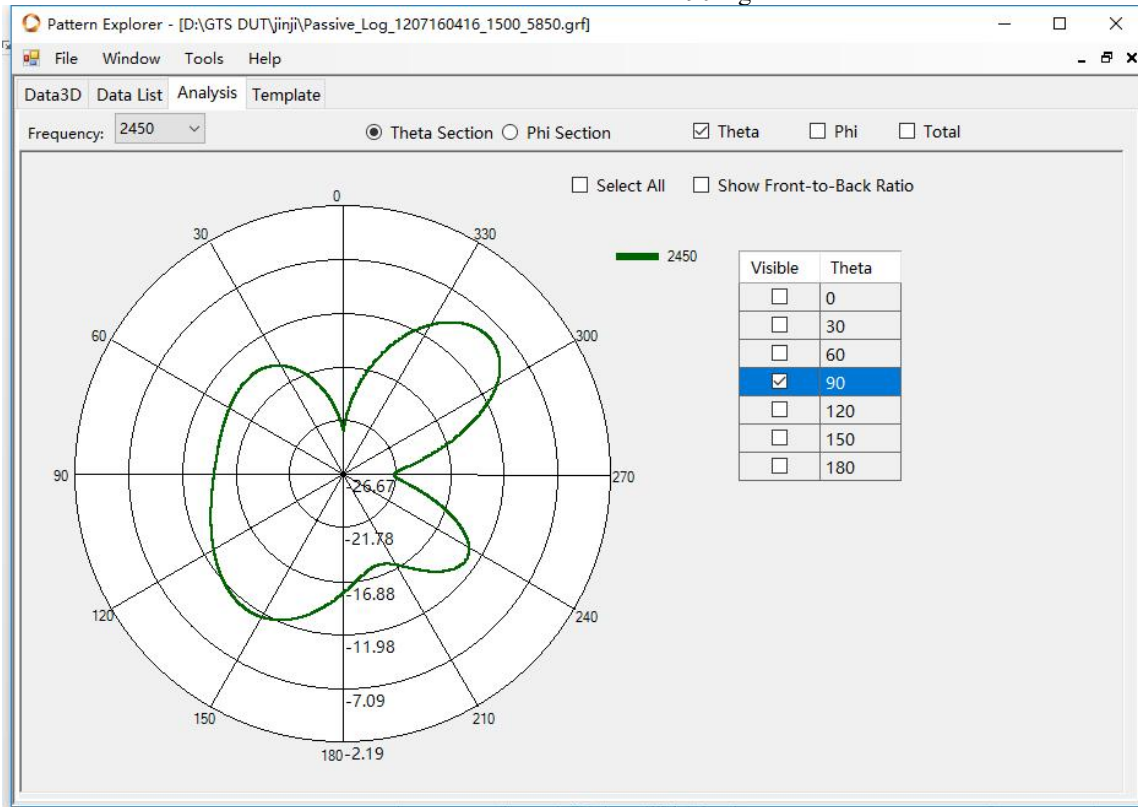
GPS Theta=90deg



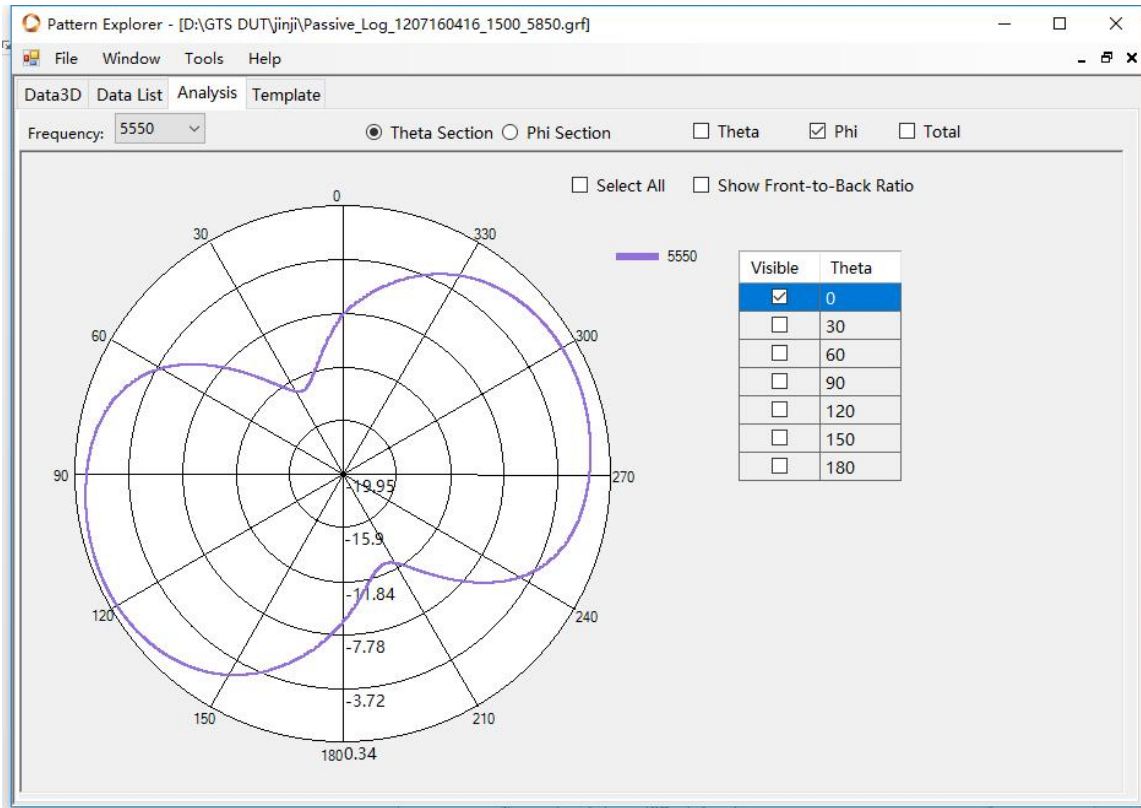
2.4GWIFI&BT Phi=0deg



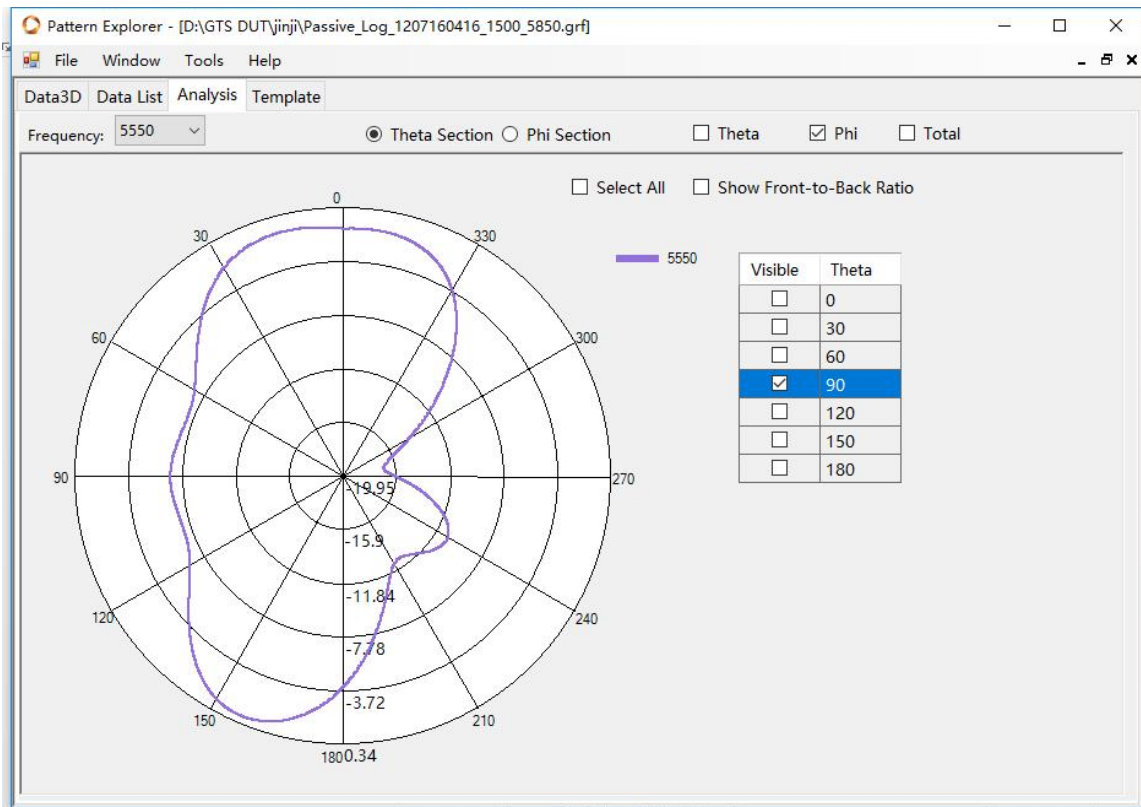
2.4GWIFI&BT Phi=90deg



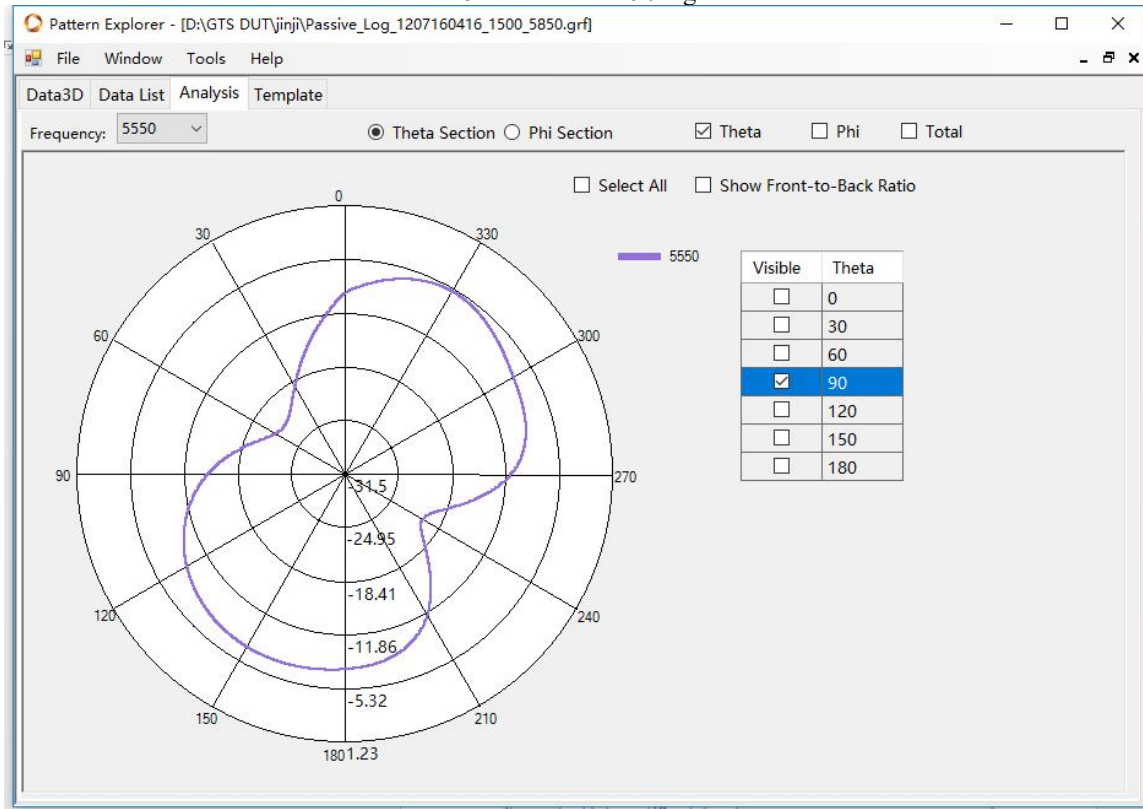
2.4GWIFI&BT Theta=90d



5GWIFI Phi=0deg



5GWIFI Phi=90deg



5G Theta=90d

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Caifu.tu		DATE:	2023/1/10