

## 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/B13/B17/B26/B28/B38/B41/B66

Name and address of the antenna manufacturer	Model number of the antenna
Etheta Communication Technology (ShenZhen) Co.Ltd  Zone B and Zone D, 3/F, Building 1, Baisha Science and Technology Industrial Park, No. 3011, Shahe West Road, Nanshan District, Shenzhen	KM6-ANT0-RD-XX-XX KM6-ANT2-RD-XX-XX KM6-ANT12-RD-XX-XX KM6-ANT13-RD-XX-XX KM6-ANT14-RD-XX-XX (XX:Version-Date)

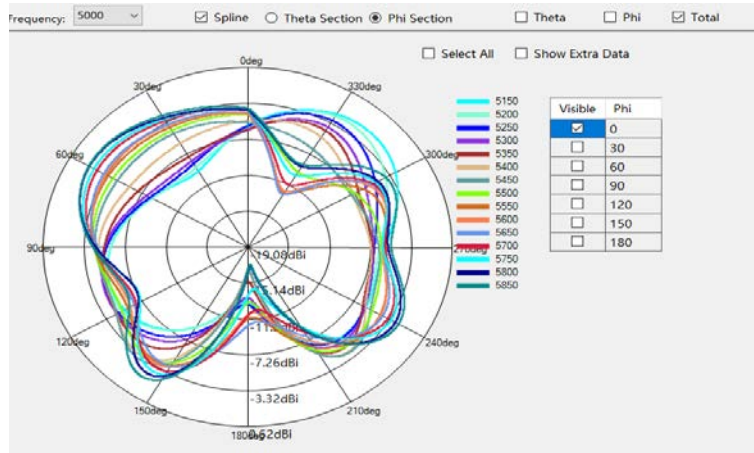
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824 - 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 - 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66 : 1710 - 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1 : 1920 - 1980MHz
	LTE B7 :2496-2565MHz

Receiver Frequency		LTE B38/B41 :2565-2645MHz
		LTE B26 :814-849MHz
		LTE B12/B13/B17/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
		WCDMA B4/LTE B4 /B66: 2110-2155 MHz
		PCS/WCDMA B2/LTE B2:1930-1990MHz
		WCDMA B1/LTE B1 : 2110 - 2170MHz
		LTE B7 :2620-2690MHz
		LTE B38/41 :2565-2645MHz
		LTE B26 :859-894MHz
		LTE B12/B13/B17/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/B12/B13/B17/B26/B28/B38/B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain		GSM 850/WCDMA B5/LTE B5 :-8.5
		GSM 900/WCDMA B8/LTE B8 : -7.8
		DCS /WCDMA B4/LTE B3/B4/B66 : -3.32
		PCS/WCDMA B2/LTE B2: -2.27
		WCDMA B1/LTE B1 : -1.73
		LTE B26 :-8.5
		LTE B12/B13/B17/B28 :-9.3
		LTE B7/B38/B41 :-2.69
		GSM 850/WCDMA B5/LTE B5 : -5.83
		GSM 900/WCDMA B8/LTE B8 : -6.12
		DCS /WCDMA B4/LTE B3/B4/B66 : -4.43
		PCS/WCDMA B2/LTE B2: -2.94
		WCDMA B1/LTE B1 : -4.72
		LTE B26 :-5.83
LTE B12/B13/B17/B28 :-5.75		
LTE B7/B38/B41 :-4.06		
ANT13	BT/WIFI 2.4G:0. 5	
ANT12	GPS(L1):-2.4	
Type of	ANT14	WIFI 5G: -2.57

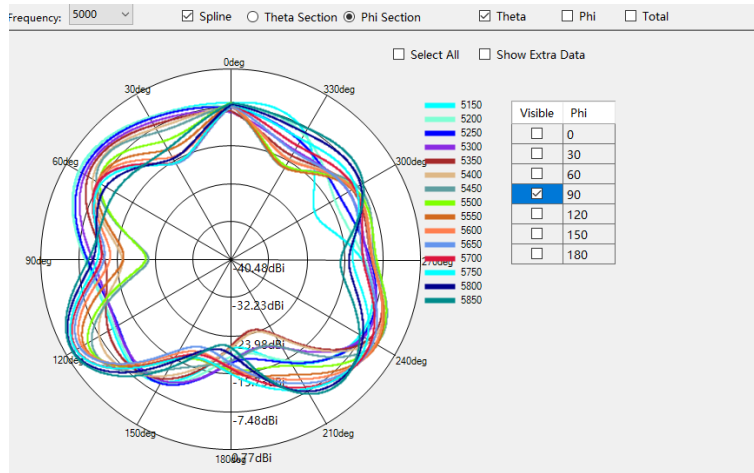
Modulation

※ Antenna Gain

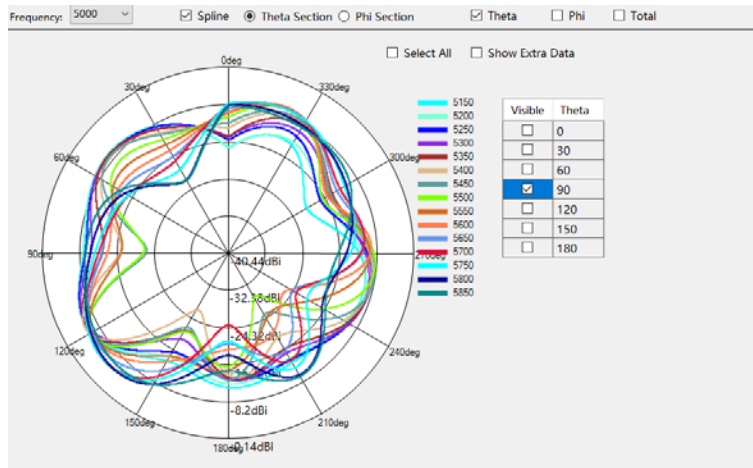
ANT14



5GWIFI Phi=0deg

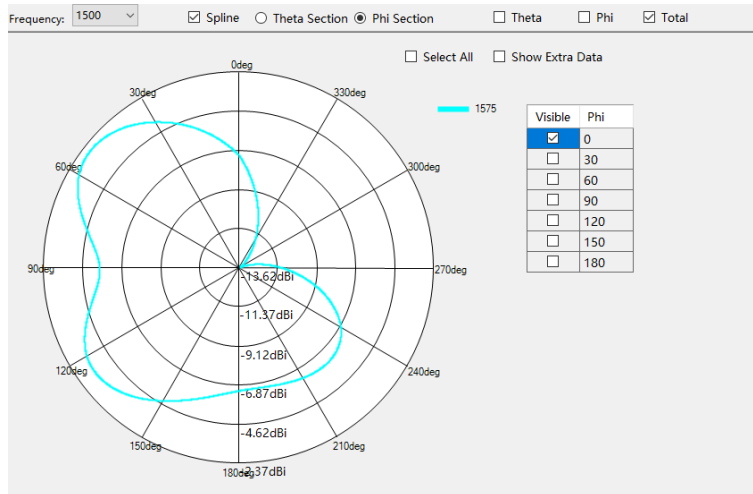


5GWIFI Phi=90deg

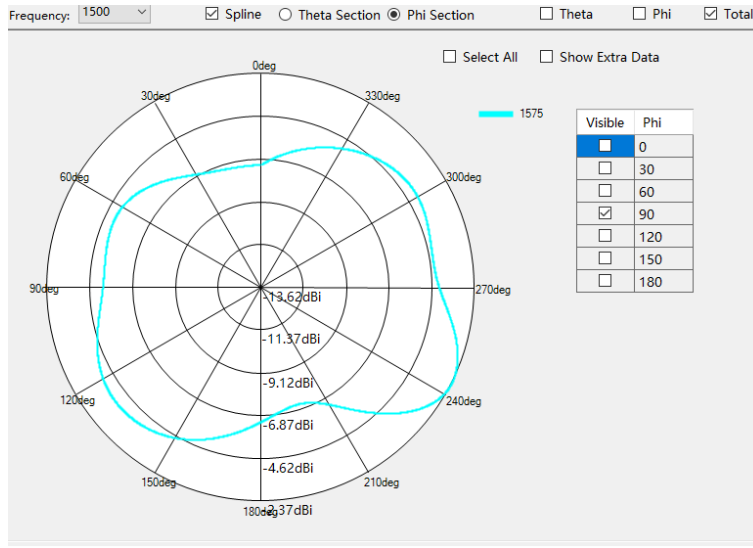


5GWIFI    Theta=90deg

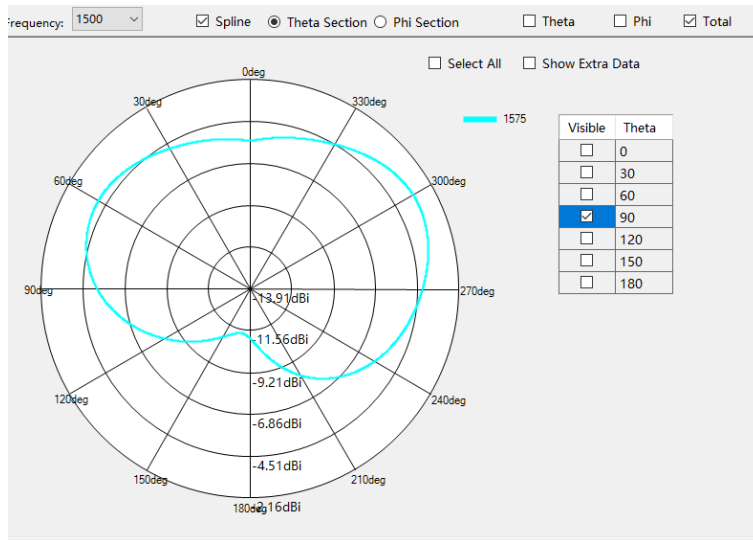
※ Antenna Gain  
ANT12



GPS    Phi=0deg

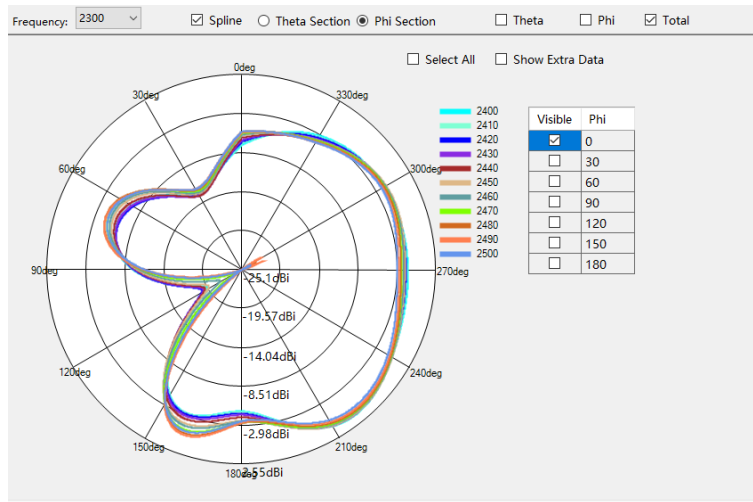


GPS    Phi=90deg

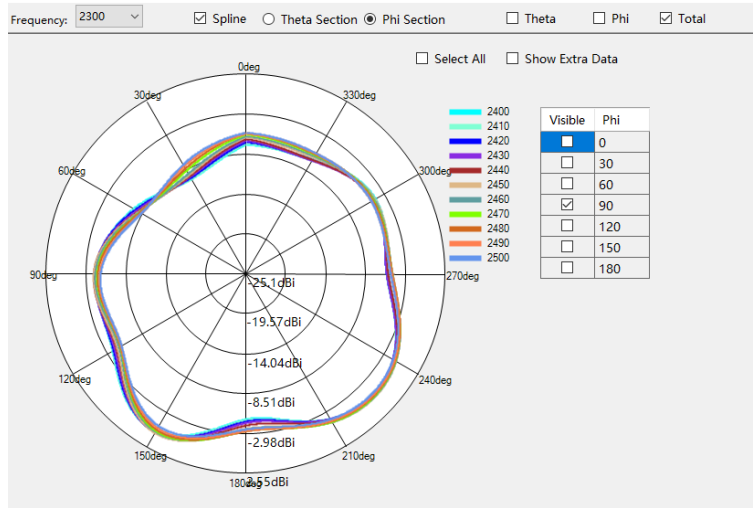


GPS    Theta=90deg

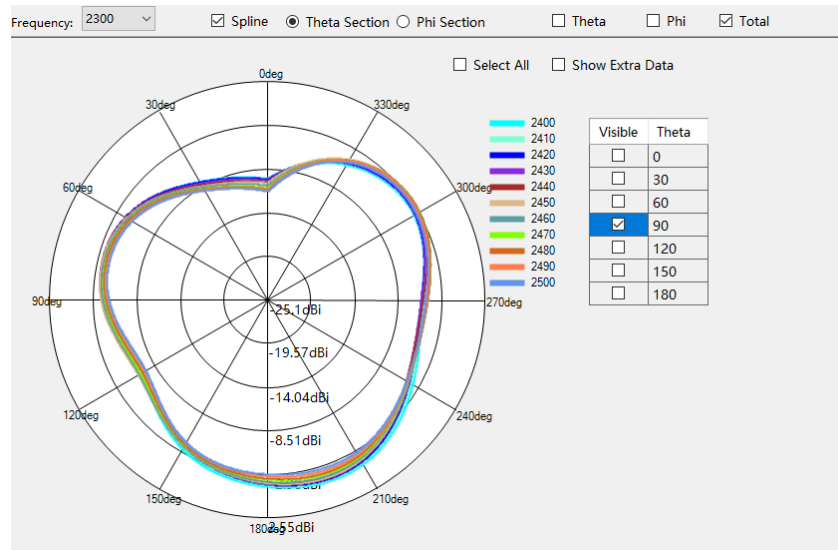
※ Antenna Gain  
ANT13



2.4GWIFI Phi=0deg



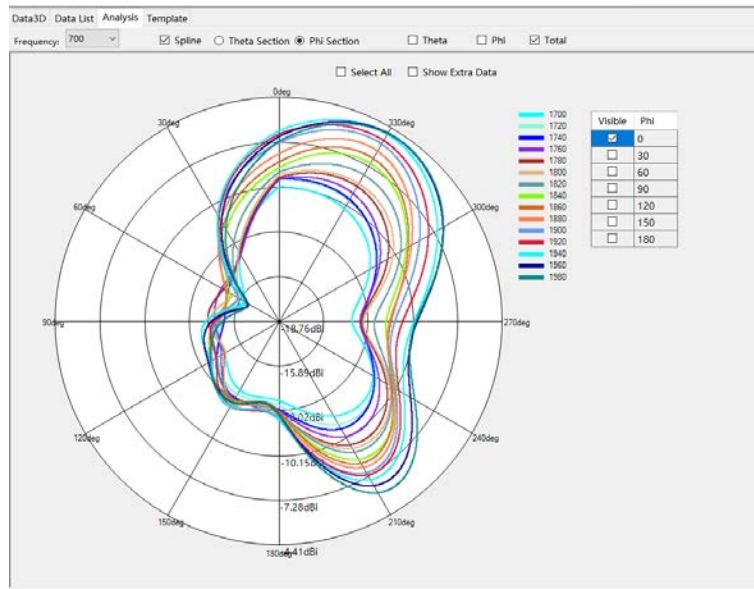
2.4GWIFI Phi=90deg



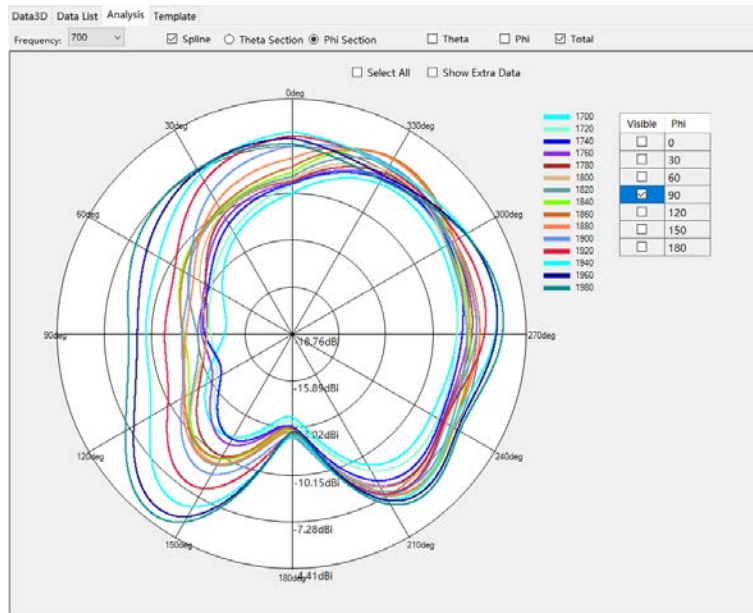
2.4GWIFI Theta=90deg

※ Antenna Gain

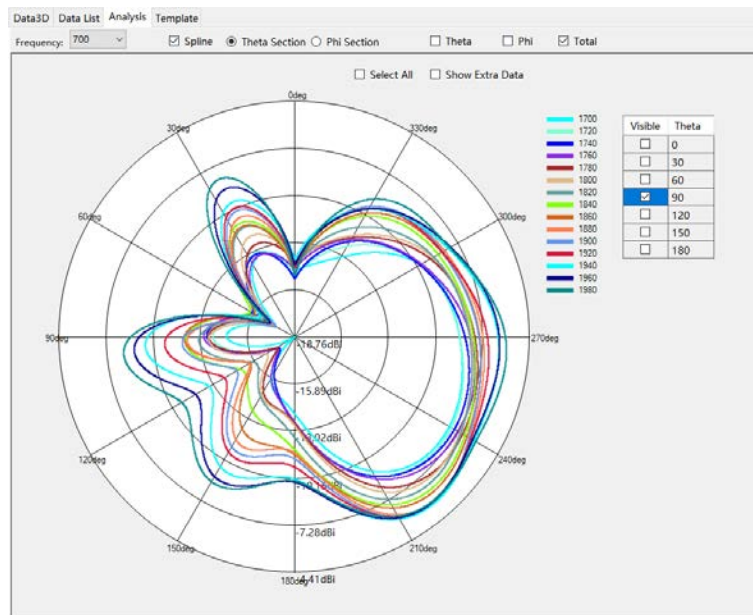
ANTO



WCDMA B1/B4 LTE B1/B4/B66 Phi=0deg



WCDMA B1 /B4 LTE B1/B4/B66 Phi=90deg

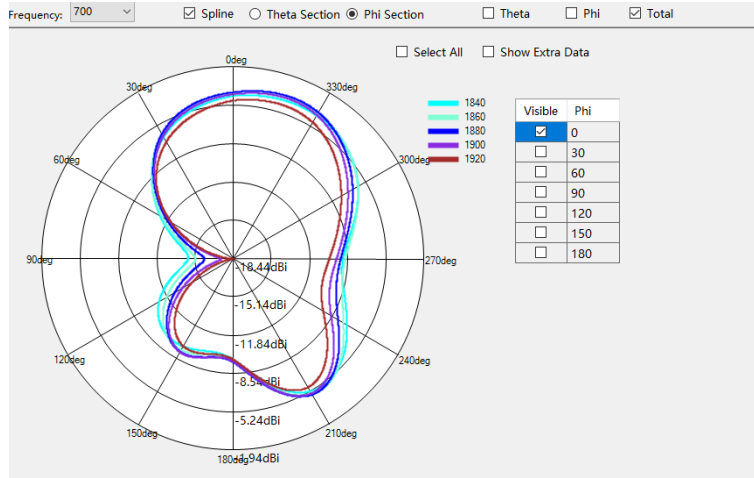


WCDMA B1 /B4 LTE B1/B4/B66 Theta=90deg

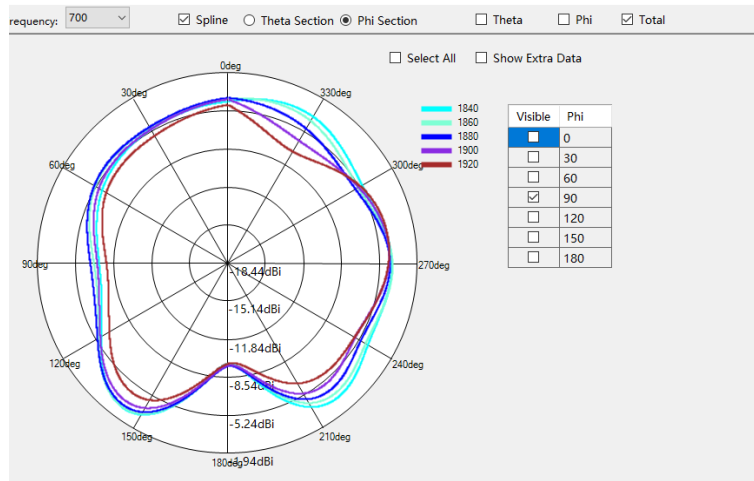


※ Antenna Gain

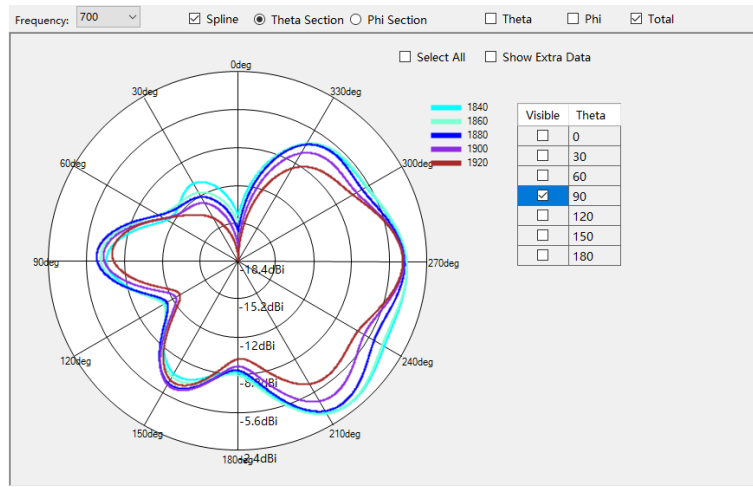
ANTO



GSM PCS1900 WCDMA B2 LTE B2 Phi=0deg



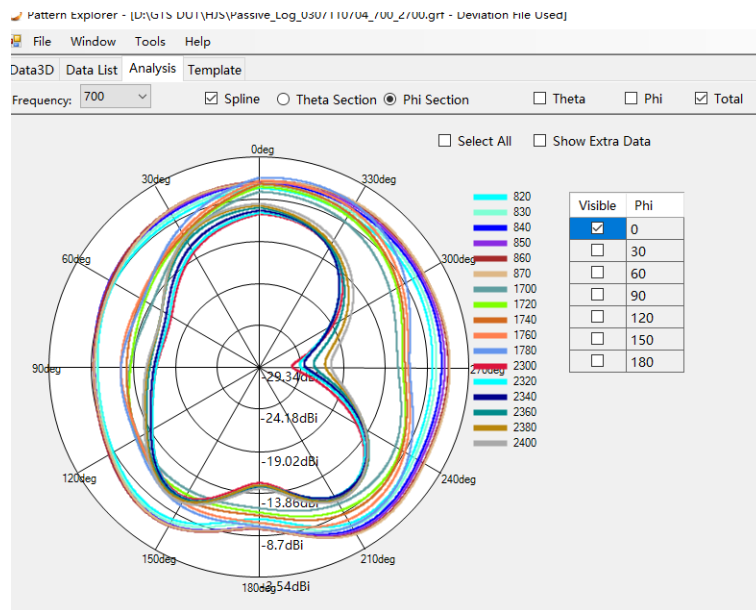
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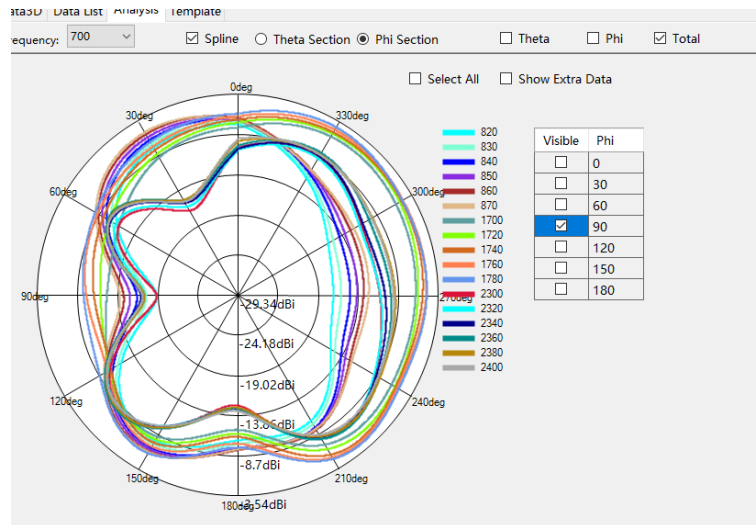
GSM PCS1900 WCDMA B2 LTE B2 Theta=90deg

※ Antenna Gain

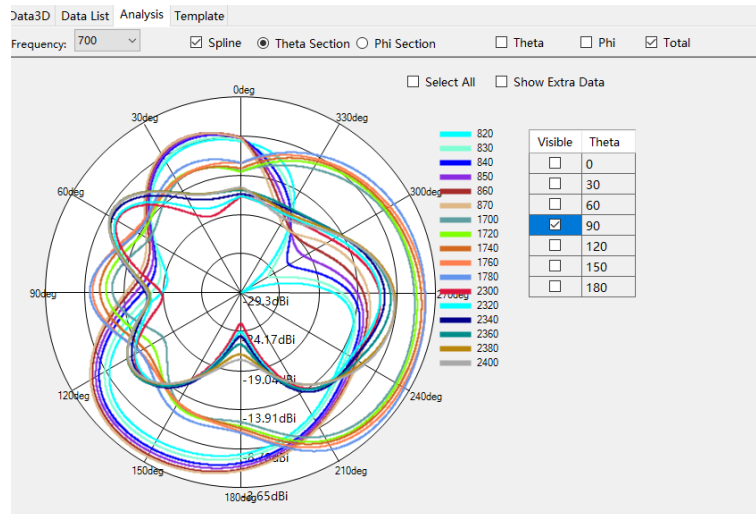
ANTO



GSM850/GSMDCS1800 WCDMA B5 LTE B3/B5/B26 Phi=0deg

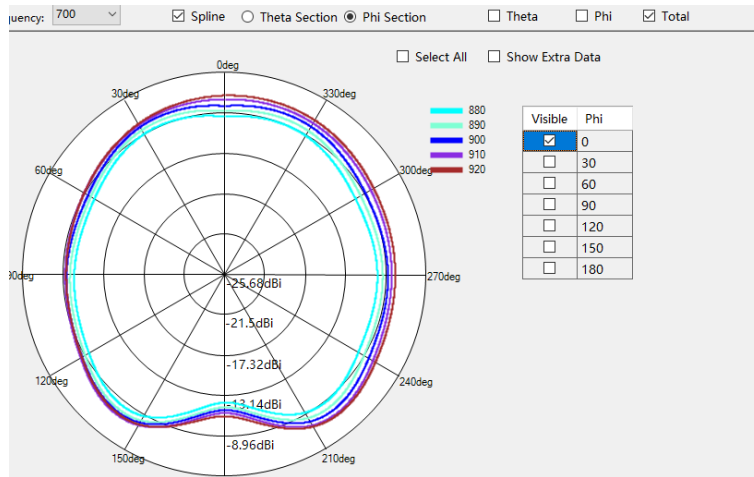


GSM850/GSMDCS1800 WCDMA B5 LTE B3/B5/B26 Phi=90deg

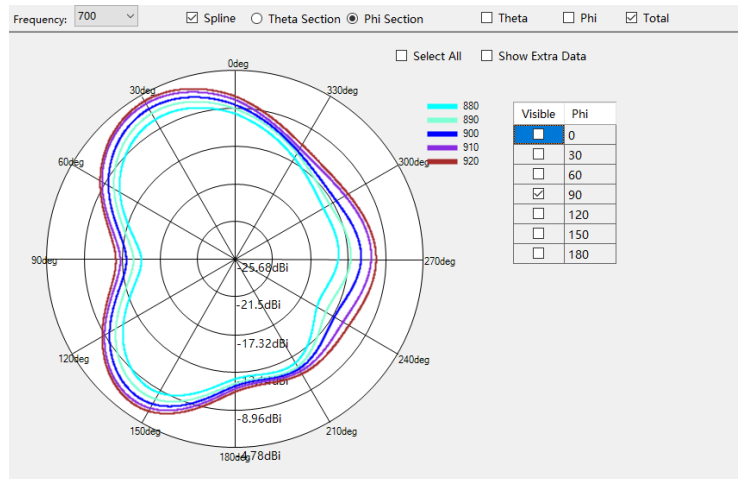


GSM850/GSMDCS1800 WCDMA B5 LTE B3/B5/B26 Theta=90deg

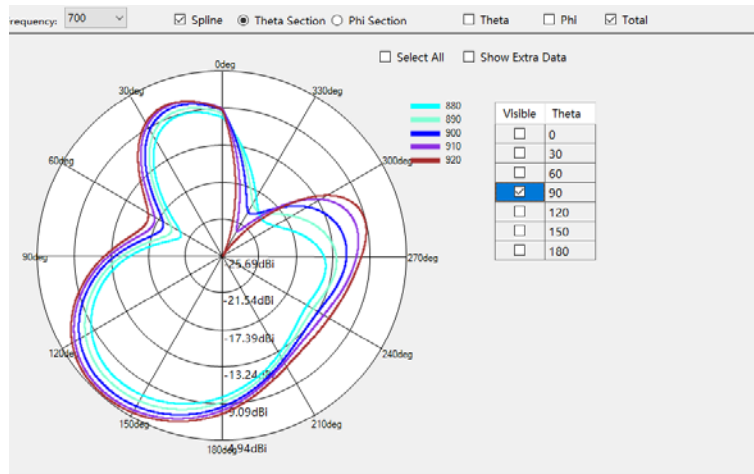
※ Antenna Gain  
ANT0



GSM900 WCDMA B8 LTE B8 Phi=0deg



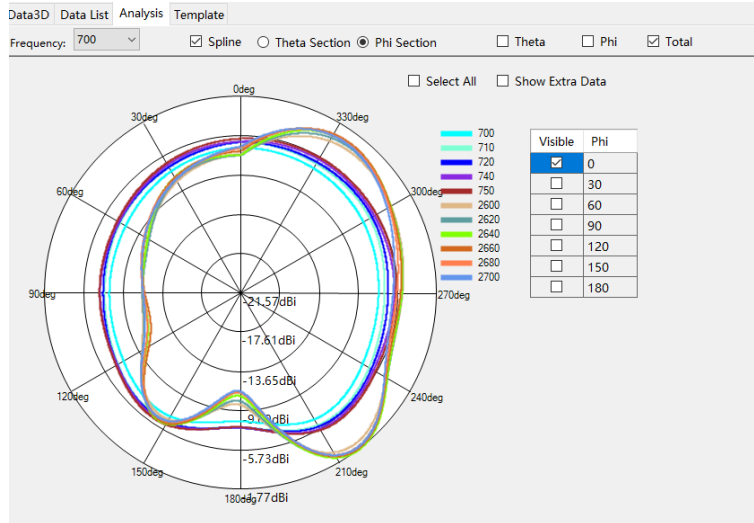
GSM900 WCDMA B8 LTE B8 Phi=90deg



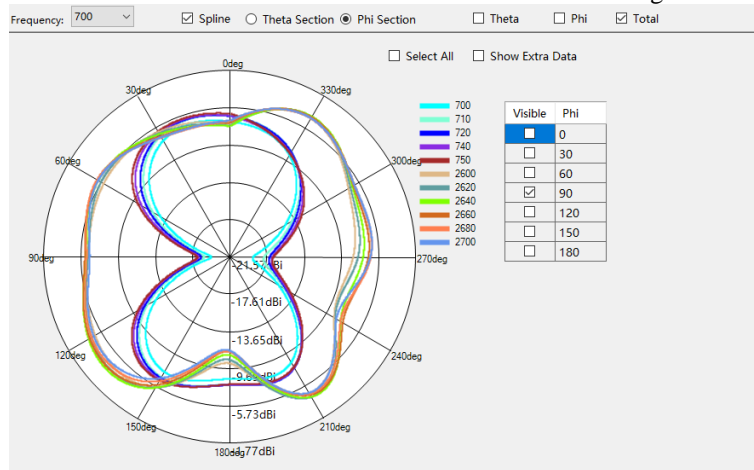
GSM900 WCDMA B8 LTE B8 Theta=90deg

※ Antenna Gain

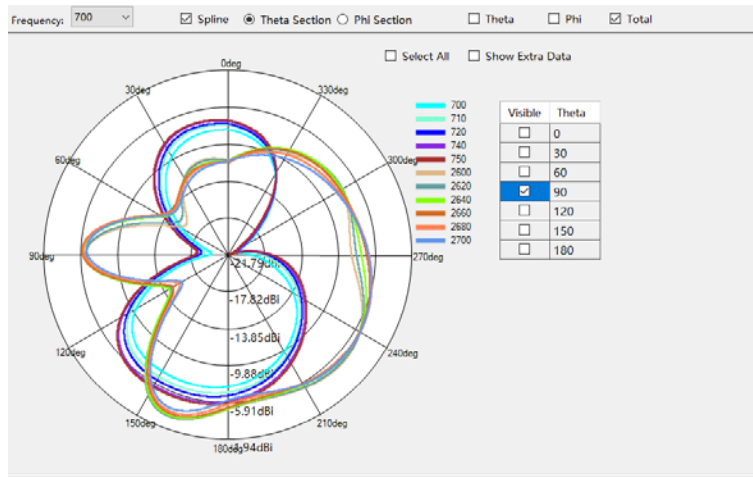
ANT0



LTE B7/B12/B13/B17/B28/B38/B41 Phi=0deg



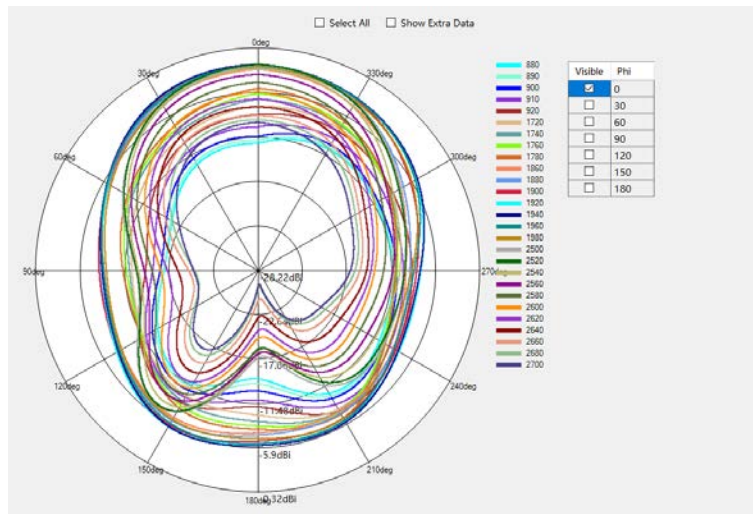
LTE B7/B12/B13/B17/B28/B38/B41 Phi=90deg



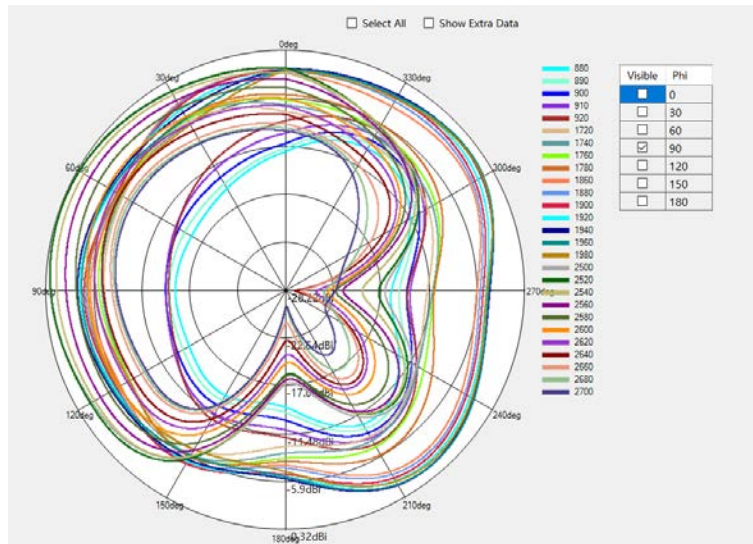
LTE B7/B12/B13/B17/B28/B38/B41    Theta=90deg

※ Antenna Gain

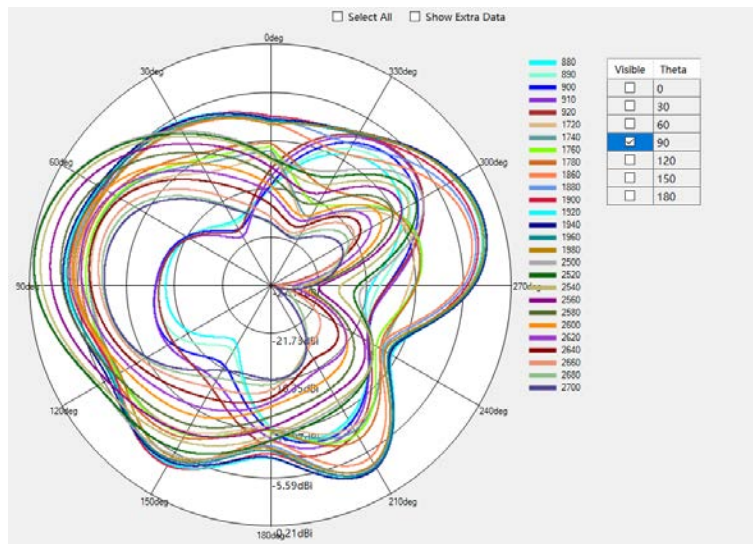
ANT2



GSM DCS1800/GSM900/PCS1900    WCDMA B1/ B2/B4/B8    LTE B1/ B2/B3/B4/B7/B8/B38/B41/B66  
Phi=0deg



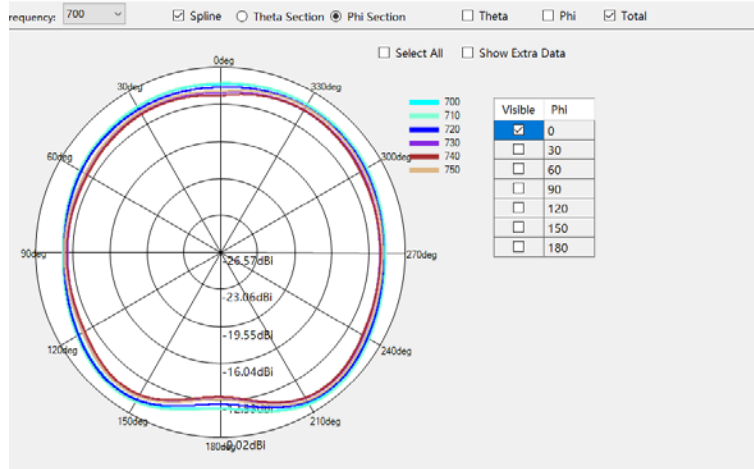
GSM DCS1800/GSM900/PCS1900 WCDMA B1/ B2/B4/B8 LTE B1/ B2/B3/B4/B7/B8/B38/B41/B66 Phi=90deg



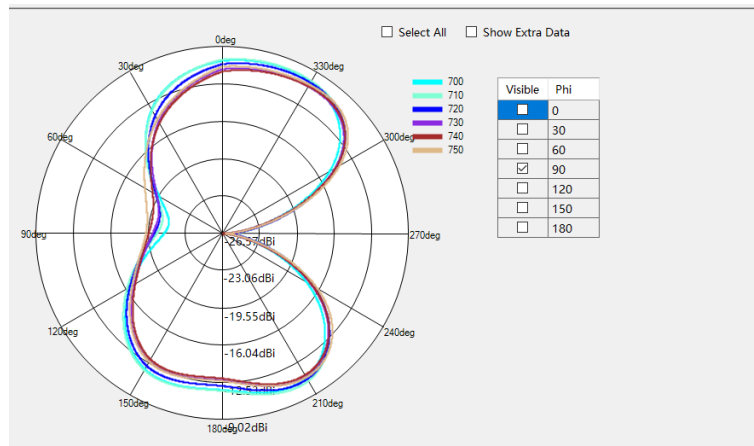
GSM DCS1800/GSM900/PCS1900 WCDMA B1/ B2/B4/B8 LTE B1/ B2/B3/B4/B7/B8/B38/B41/B66 Theta=90deg

※ Antenna Gain

ANT2

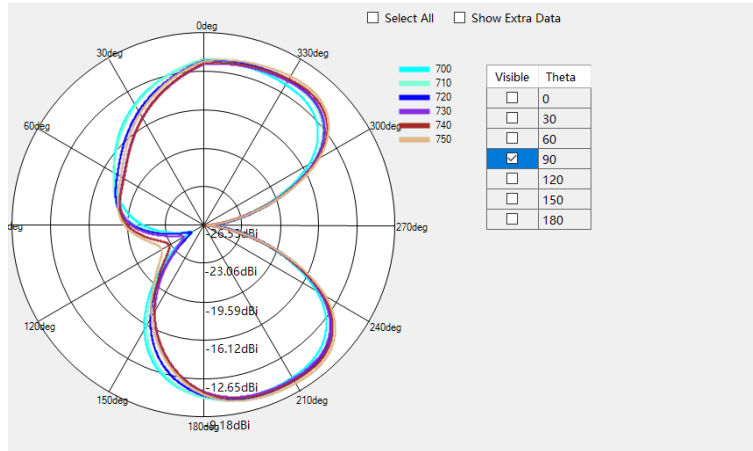


LTE B12/B13/B17/B28 Phi=0deg



LTE B12/B13/B17/B28 Phi=90deg

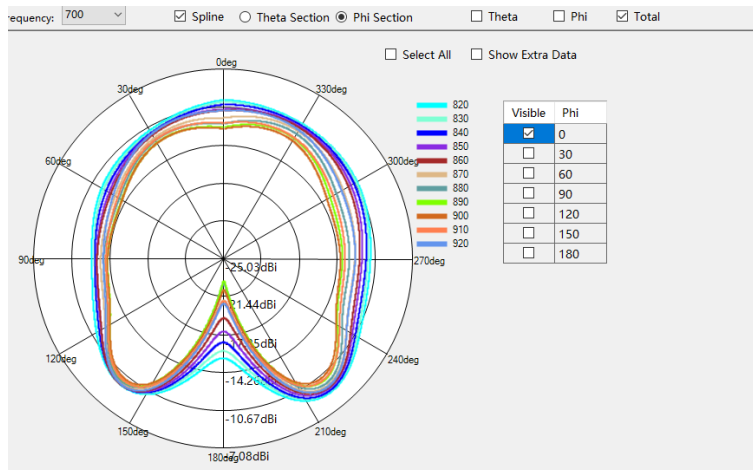




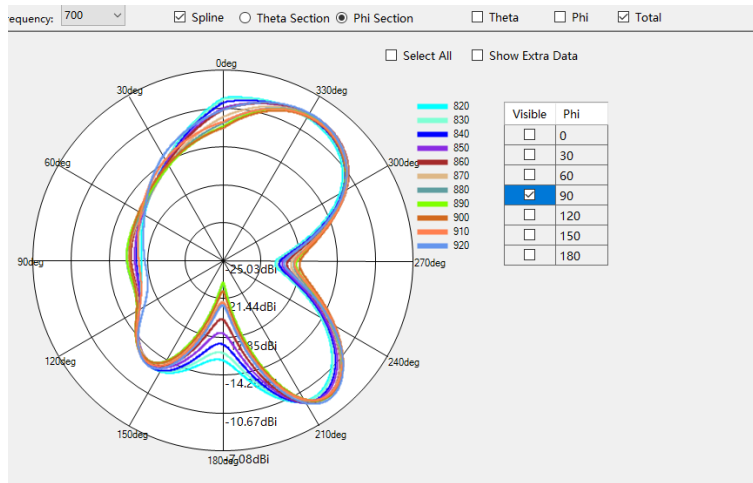
LTE B12/B13/B17/B28 Theta=90deg

※ Antenna Gain

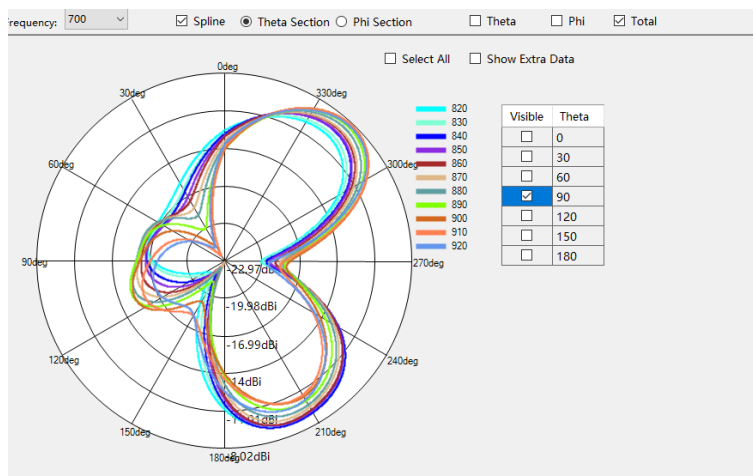
ANT2



GSM850 WCDMA B5 LTE B5/B26 Phi=0deg



GSM850 WCDMA B5 LTE B5/B26 Phi=90deg



GSM850 WCDMA B5 LTE B5/B26 Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2025/3/10