

## 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/B40/B41/B66
- NR Mode N1/N3/N5/N7/N8/N12/N20/N28/N38/N40/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)	KJ8-ANT0-WTT-XX-XX KJ8-ANT1-WTT-XX-XX KJ8-ANT2-WTT-XX-XX KJ8-ANT3-WTT-XX-XX KJ8-ANT4-WTT-XX-XX KJ8-ANT5-WTT-XX-XX KJ8-ANT6-WTT-XX-XX KJ8-ANT12-WTT-XX-XX KJ8-ANT13-WTT-XX-XX  (XX:Version-Date)

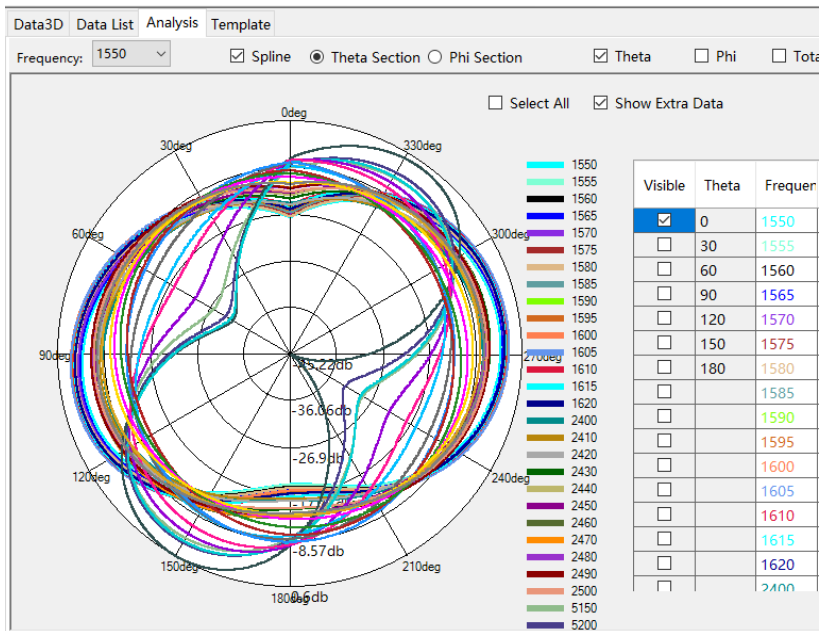
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 NR n5: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8 NR n8: 880 – 915 MHz

		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 B20 NR n20:832-862MHz
		LTE B12/B17/B28 NR n12/n28:710-755MHz
		NR n77/n78 LTE B42:3300-4200MHz
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
		WCDMA 4/LTE B4 NR n4: 2110-2155 MHz
		PCS/WCDMA B2:1930-1990MHz
		WCDMA B1/LTE B1/B2/B66 NR n1/66: 2110 - 2170MHz
		LTE B7 NR n7:2620-2690MHz
		LTE B40 NR n40:2300-2400MHz
		LTE B38/41 NR n38/n41:2565-2645MHz
		LTE B20 NR n20:791-821MHz
		LTE B12/B17/B28 NR n12/n28:758-803MHz
NR n77/n78 LTE B42:3300-4200MHz		
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5 /B7/B8/B17/B20/B28/B38/B40/B41/B42/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain	ANT5	GSM 850/WCDMA B5/LTE B5 NR n5: -4.95dBi
		GSM 900/WCDMA B8/LTE B8 NR n8: -4.25dBi
		DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: -3.23dBi
		PCS/WCDMA B2/LTE B2: -3.39dBi
		WCDMA B1/LTE B1 NR n1: -2.48dBi
		LTE B7/B38/B41 NR n7/n38/n41:-1.12 dBi
		LTE B40 NR n40: -1.19 dBi

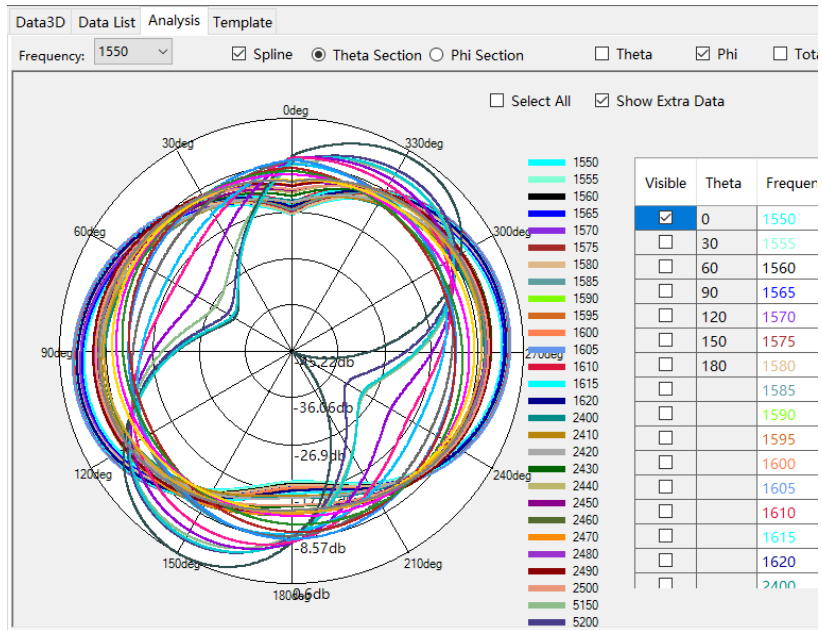
		LTE B20 NR n20:-6.29dBi
		LTE B12/B17/B28 NR n12/n28:-7.25
ANT0		N77/N78 LTE B42:-3.60dBi
ANT3		B1/B2:-6.45dBi
		B3/B4/B66:-7.06dBi
		B7/B38/B40/B41:-5.25dBi
ANT12		GPS(L1):-3.29dBi
		WIFI 2.4G:-1.87dBi 5G:-3.18dBi
ANT13		WIFI 2.4G:-4.52dBi 5G:
		GPS(L5):
Type of Modulation		

※ Antenna Gain

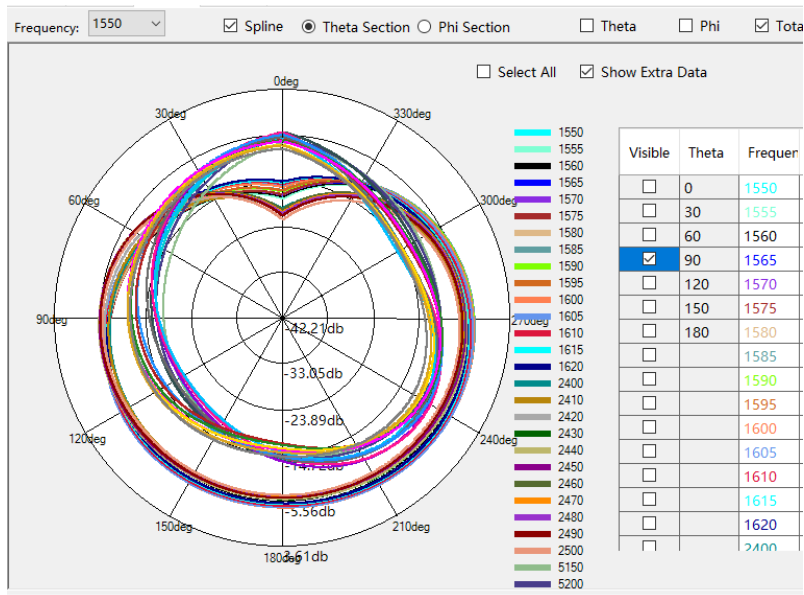
ANT12



GPS&2.4G WIFI&BT; 5G WIFI Phi=0deg



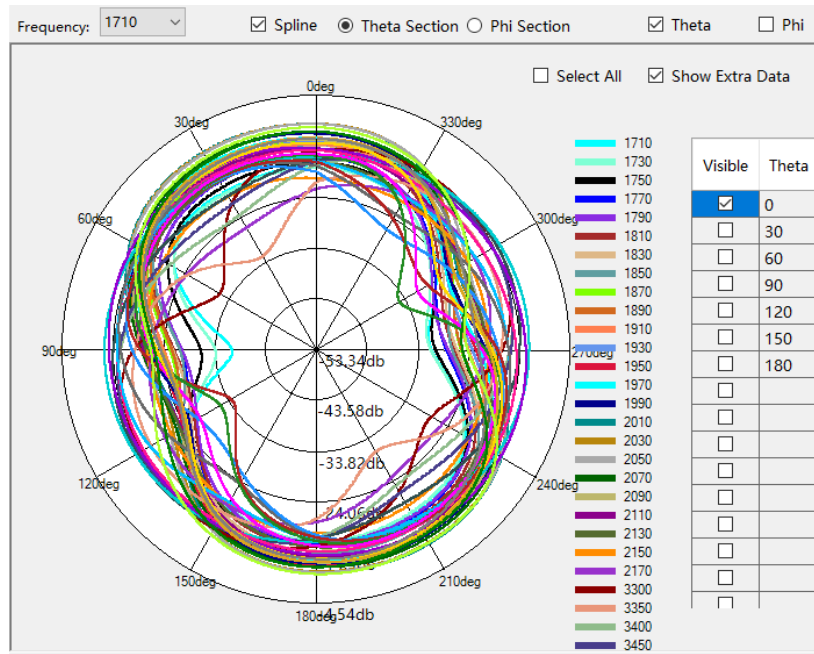
GPS&2.4G WIFI&BT; 5G WIFI Phi=90deg



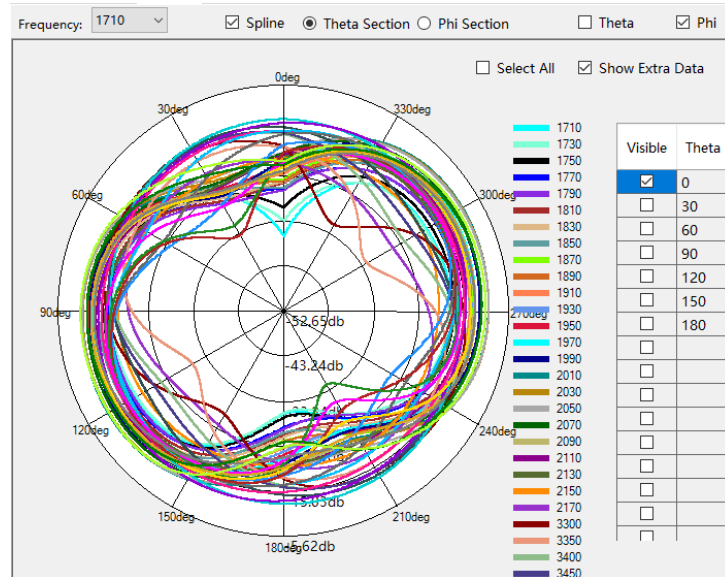
GPS&2.4G WIFI&BT; 5G WIFI Theta=90deg

※ Antenna Gain

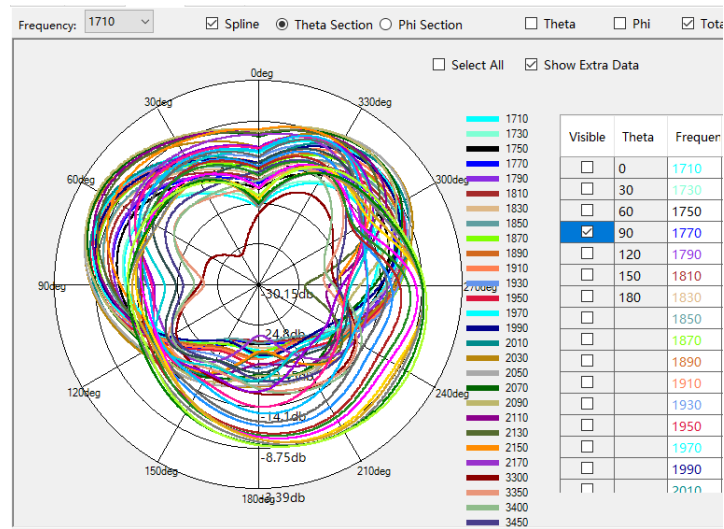
ANT0



n77/78/B42 Phi=0deg

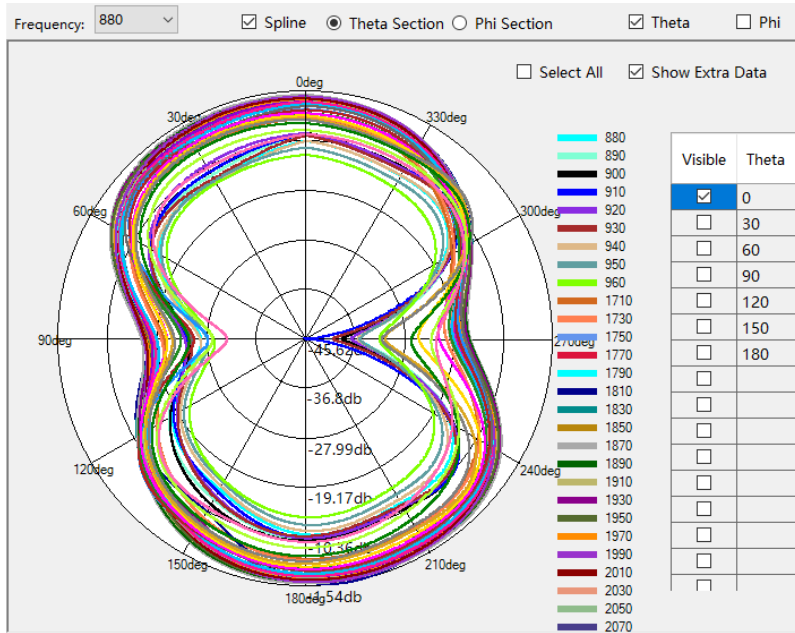


n77/78/B42 Phi=90deg

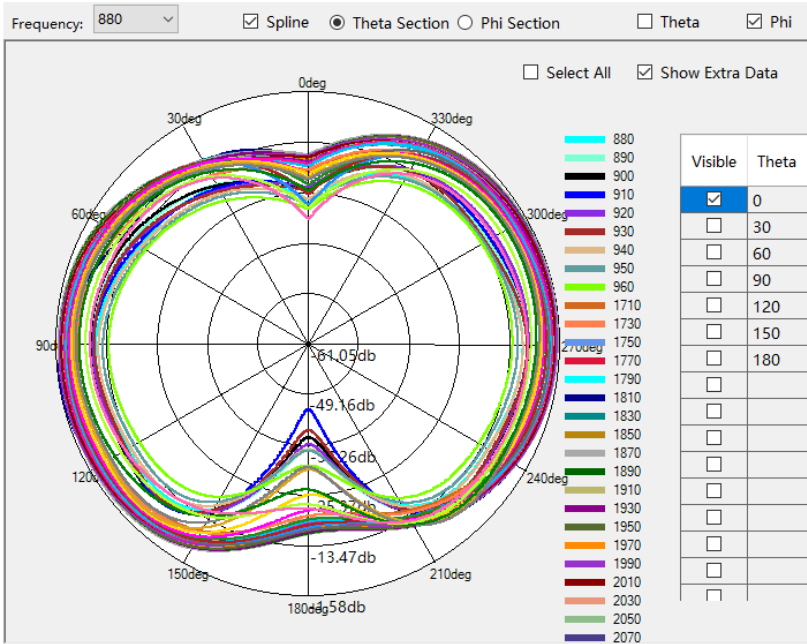


n77/78/B42    Theta=90deg

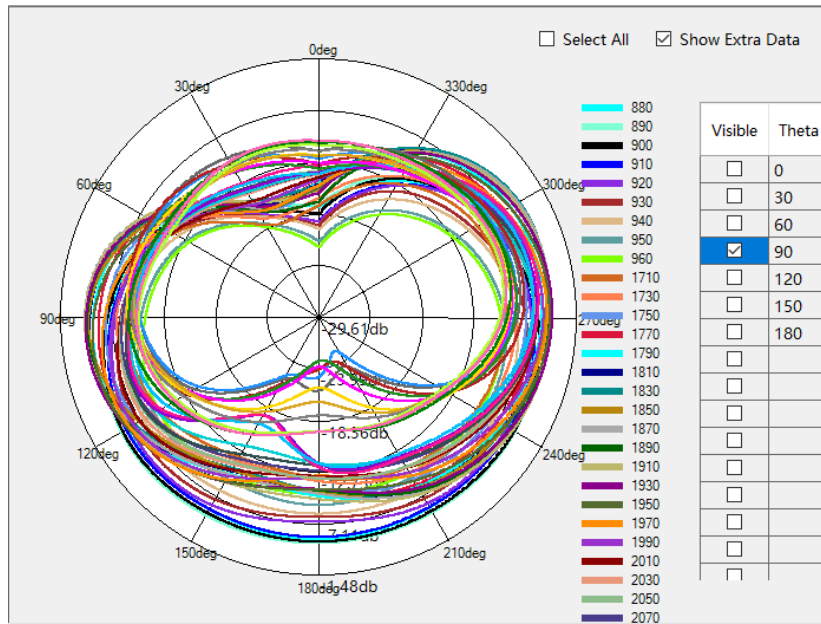
ANT5



GSM/900/1800/1900 / WCDMA/B1/2/4/8 / LTE /B8/B2/3/4/7/41/38 NR n1/n2/n3/n4/n7/n8/38/41  
Phi=0deg



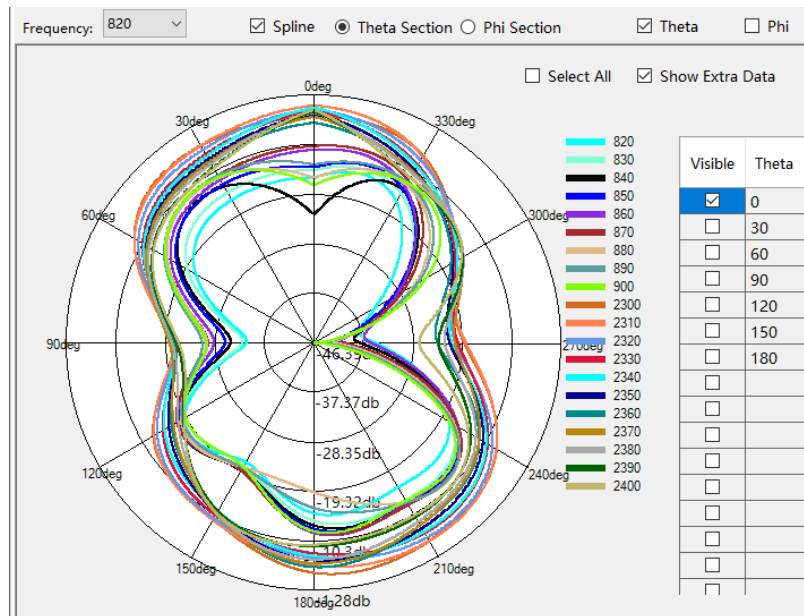
GSM/900/1800/1900 / WCDMA/B1/2/4/8 / LTE /B8/B2/3/4/7/41/38 NR n1/n2/n3/n4/n7/n8/38/41  
Phi=0deg



GSM/900/1800/1900 / WCDMA/B1/2/4/8 / LTE /B8/B2/3/4/7/41/38 NR n1/n2/n3/n4/n7/n8/38/41  
Theta=90deg

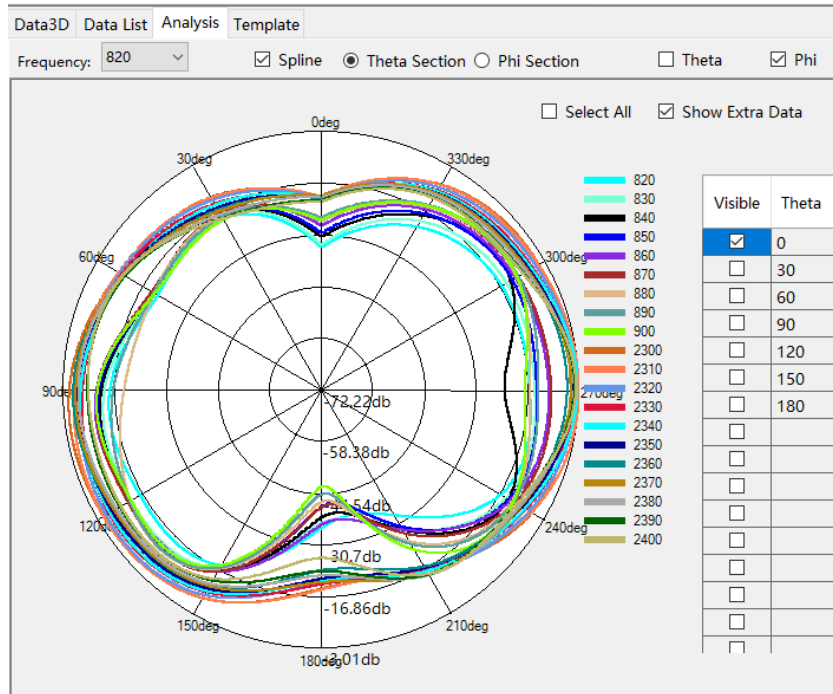
※ Antenna Gain

ANT5

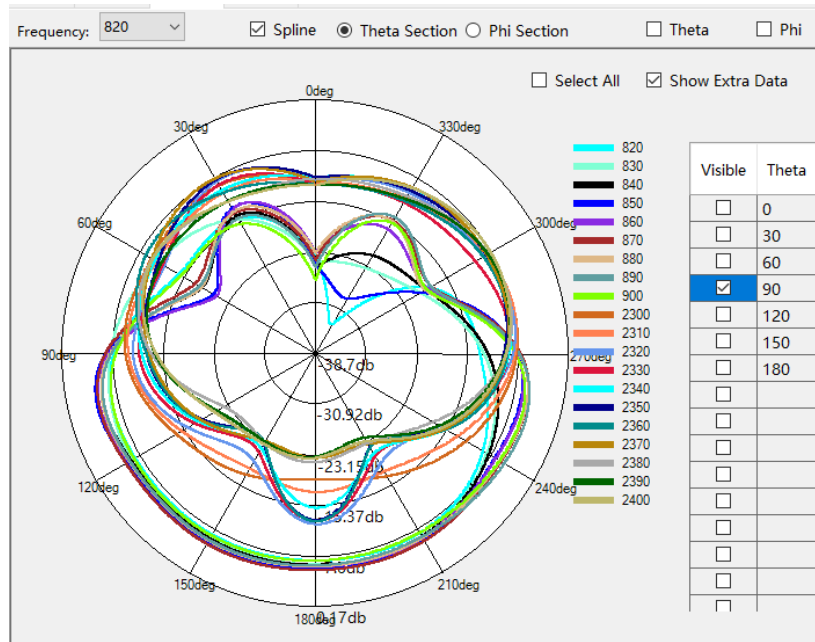


GSM850/WCDMA B5/ LTE B5/40 NR n5/n40 Phi=0deg





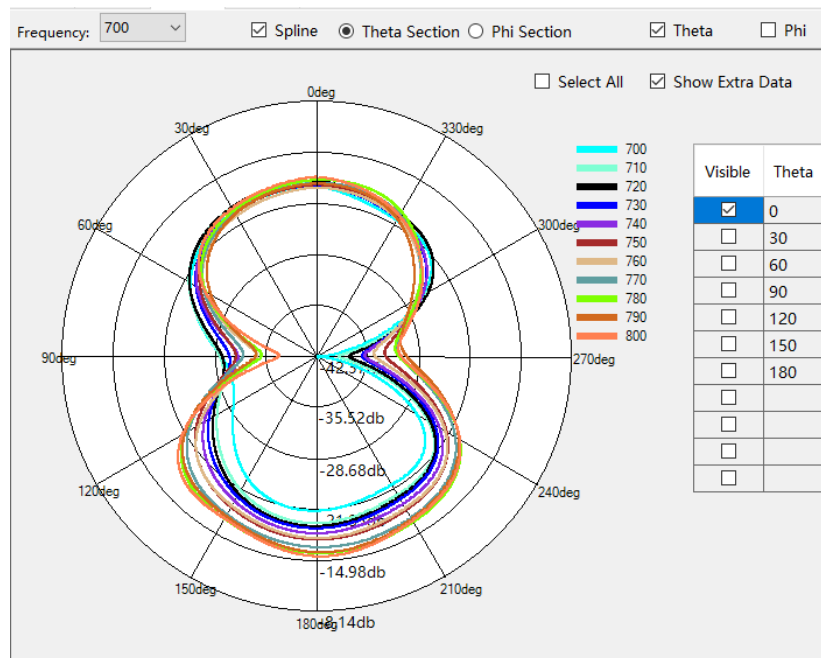
GSM850/WCDMA B5/LTE B5/40 NR n5/n40 Phi=0deg



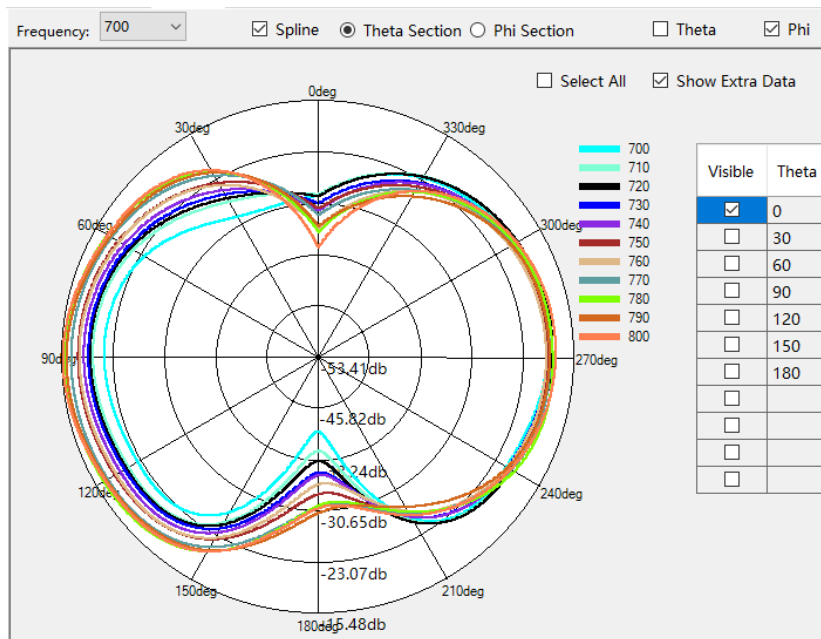
GSM850/WCDMA B5/LTE B5/40 NR n5/n40 Theta=90deg

※ Antenna Gain

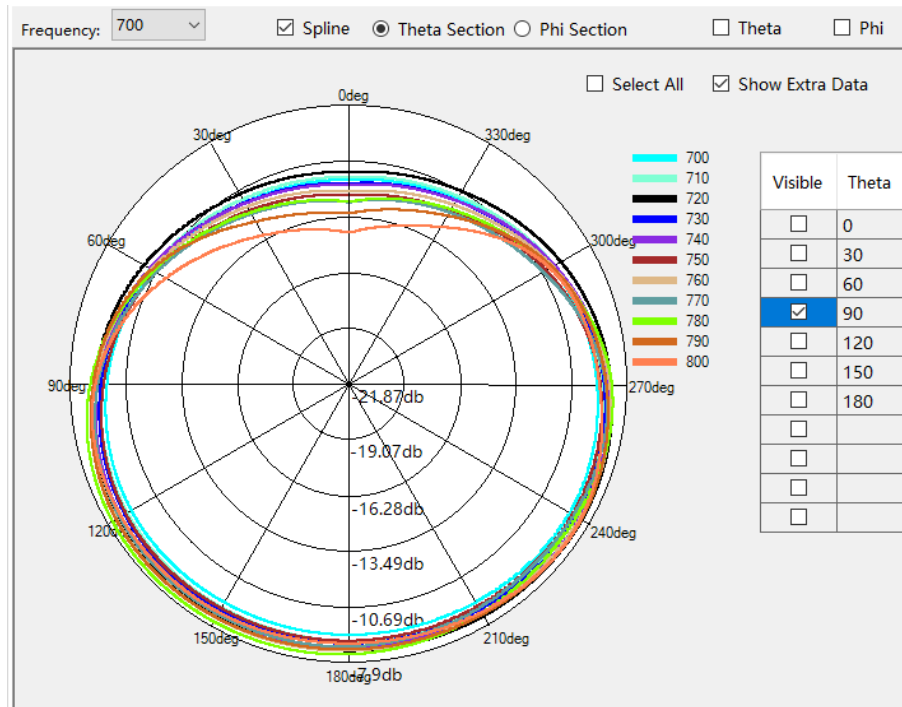
ANT5



LTE B12/17/28 NR n12/n17/n28 Phi=0deg



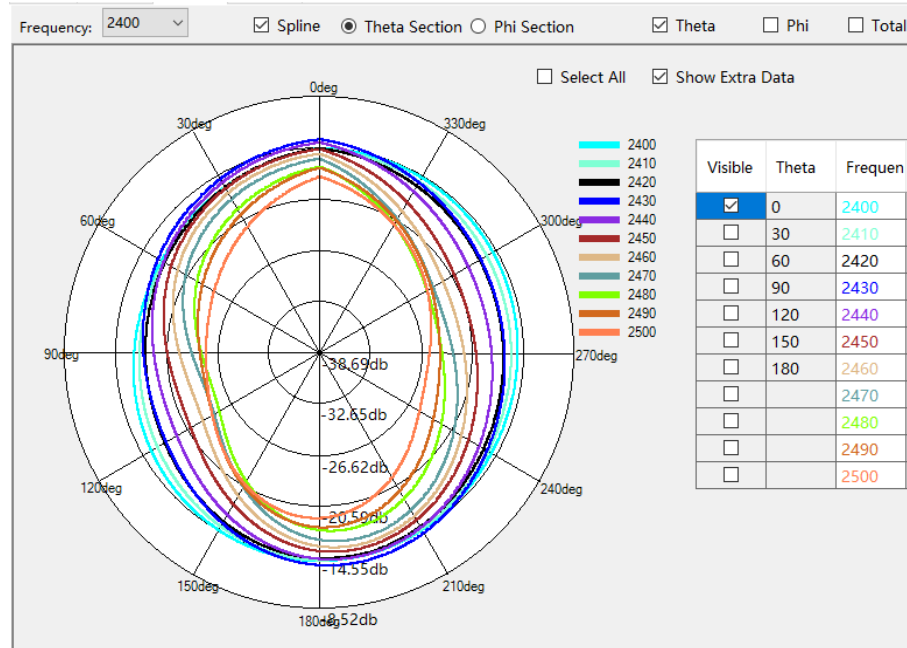
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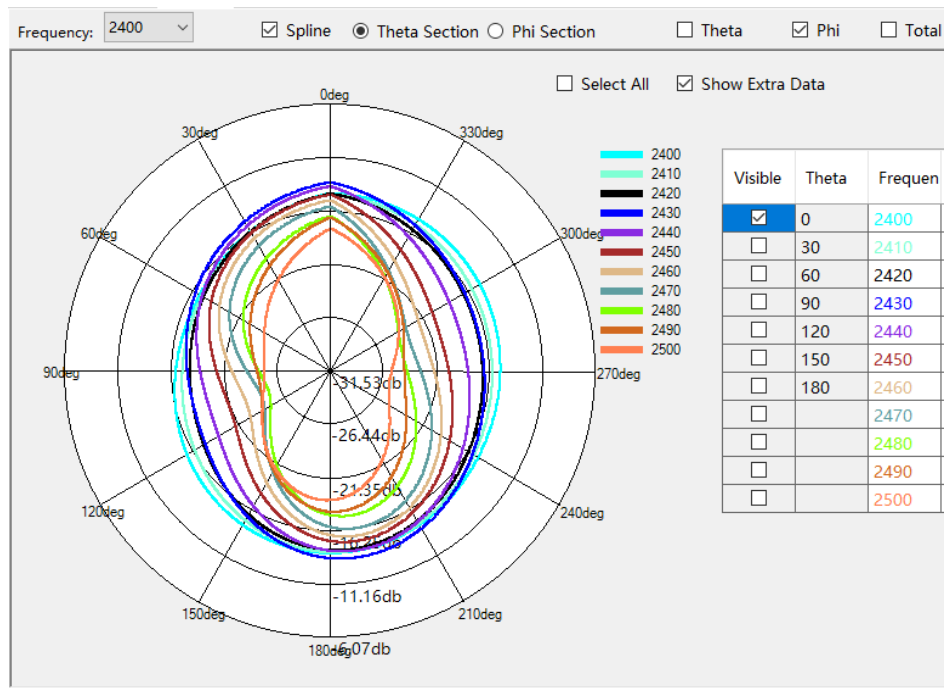
LTE B12/17/28 NR n12/n17/n28    Theta=90deg

※ Antenna Gain

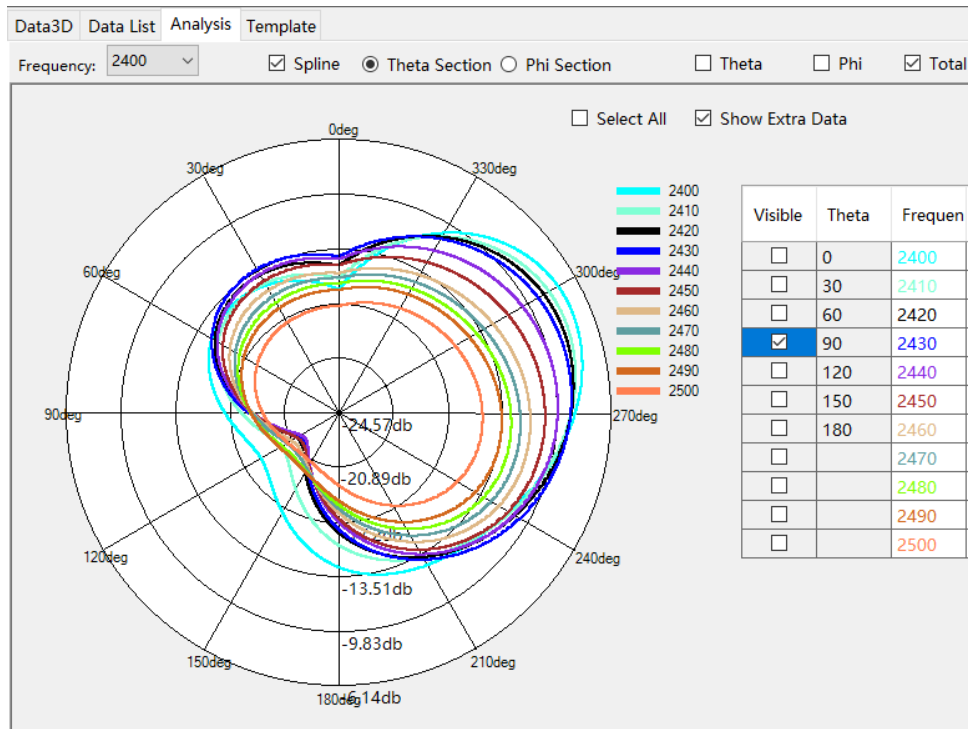
ANT13



2.4G WIFI&BT    Phi=0deg



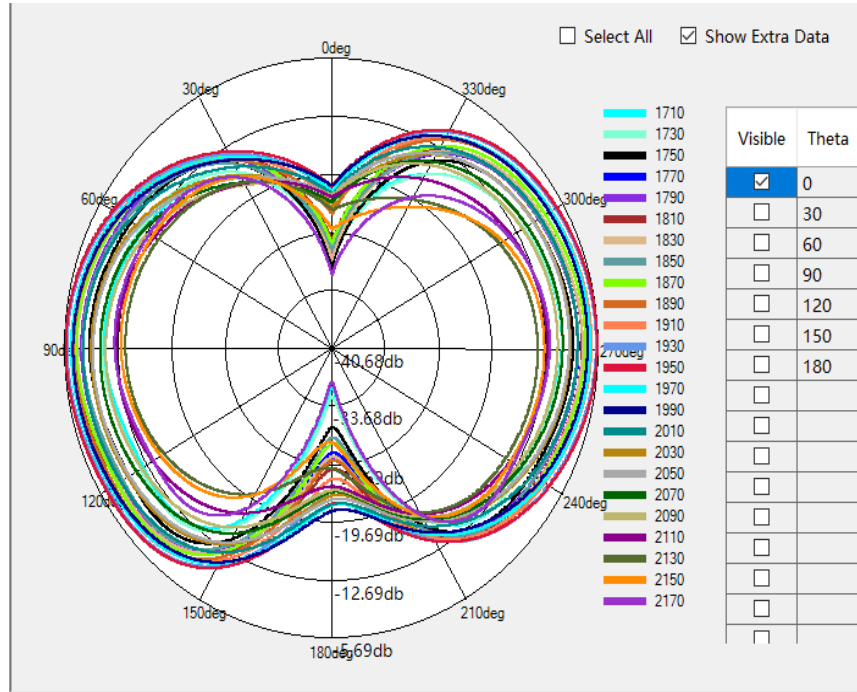
2.4G WIFI&BT;    Phi=90deg



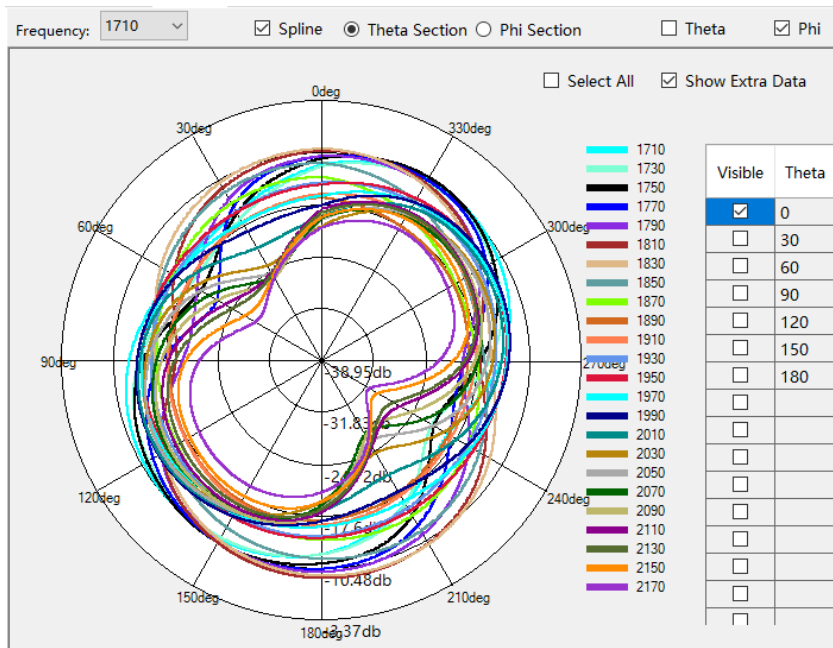
2.4G WIFI&BTI    Theta=90deg

※ Antenna Gain

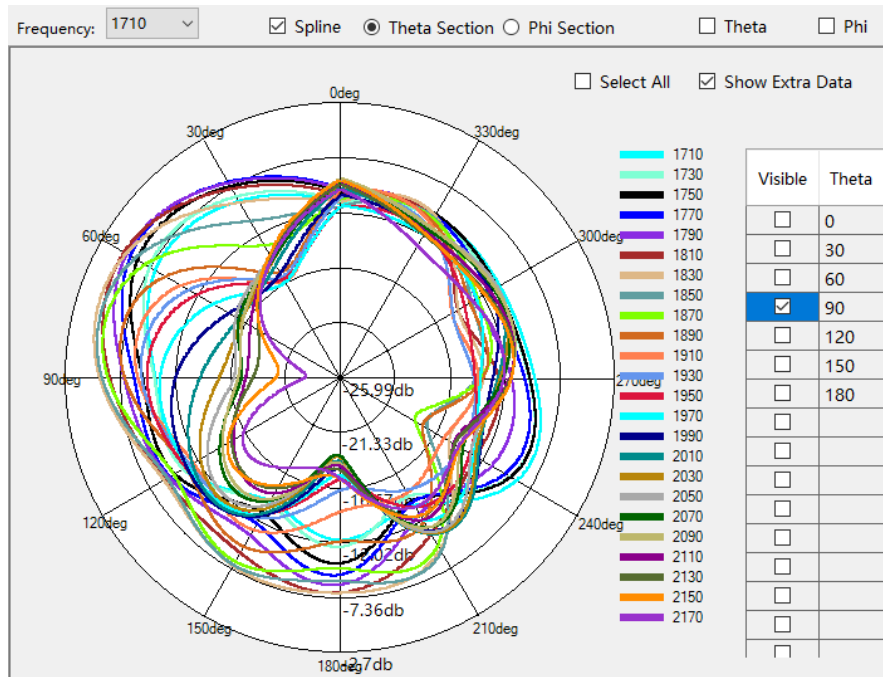
ANT3



LTE B1/2/3/4/66 Phi=0deg



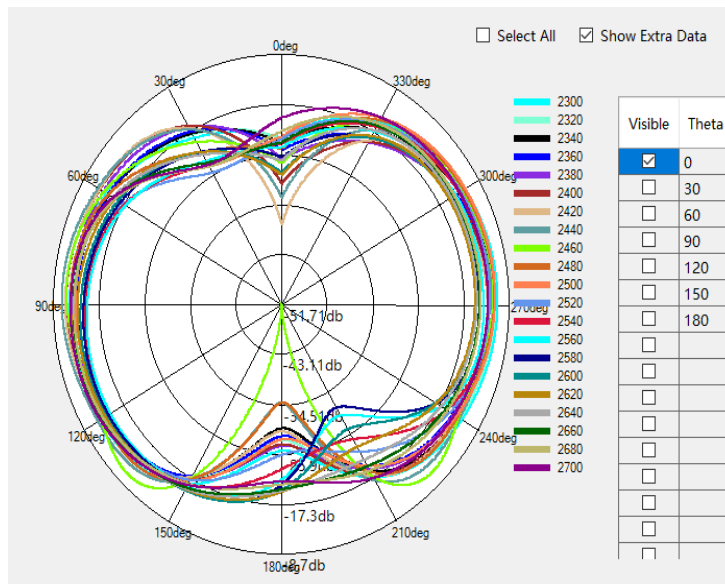
LTE B1/2/3/4/66 Phi=90deg



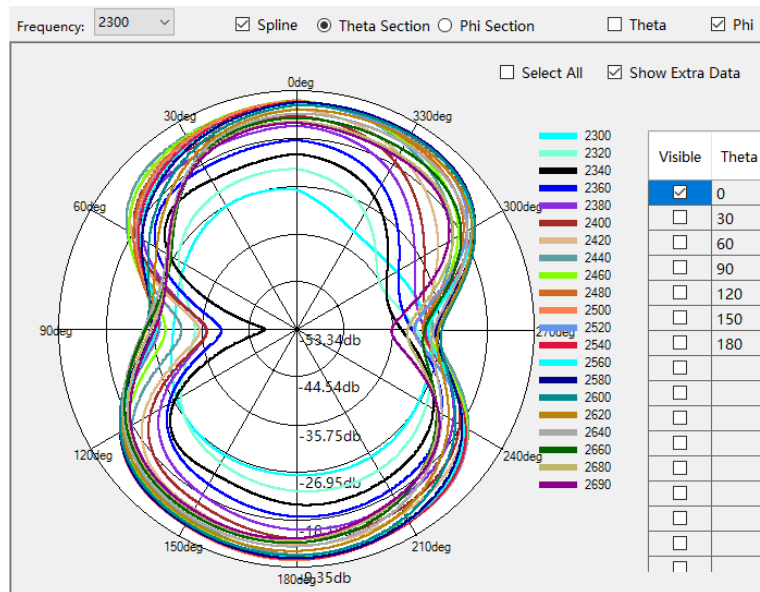
LTE B1/2/3/4/66 Theta=90deg

※ Antenna Gain

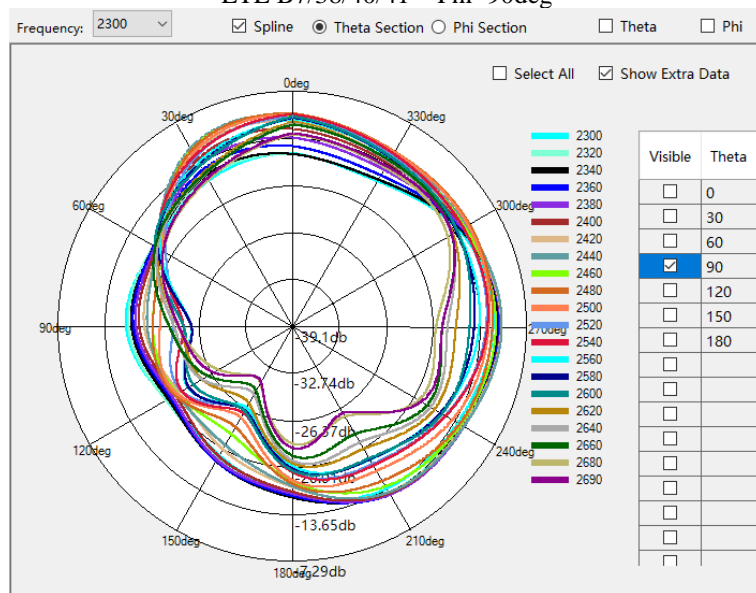
ANT3



LTE B7/38/40/41 Phi=0deg



LTE B7/38/40/41    Phi=90deg



LTE B7/38/40/41    Theta=90deg

※ Antenna Gain

※ Antenna Gain

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
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