TRANSSION
传音控股

Feature

※ High gain
※ Omani-directional
※ Wide bandwidth

Application

※GSM850/900/DCS1800/PCS1900/ WCDMA B1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41

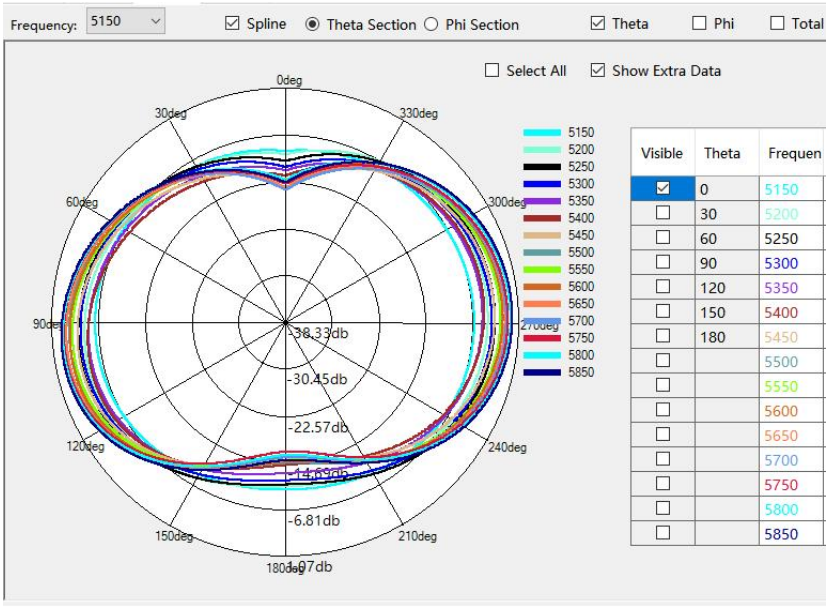
Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen Weichuang Communication Technology Co., Ltd 1-3/F, Building 8, Tongfu Estate Industrial Zone, Dalang Community, Dalang Street, Longhua District, Shenzhen (Shenzhen Headquarters)	X6885-ANT2-WTT-XX-XX X6885-ANT14-WTT-XX-XX （XX:Version-Date）

TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824–849 MHz
	GSM 900/WCDMA B8/LTE B8: 880–915 MHz
	DCS1800 /WCDMA B4/LTE B3/B4 : 1710–1785 MHz
	PCS1900/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 B28 :710-755MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5 : 869–894 MHz
	GSM 900/WCDMA B8/LTE B8 : 925–960 MHz
	DCS1800/LTE B3 : 1805–1880 MHz
	WCDMA B4/LTE B4 : 2110-2155 MHz
	PCS1900/WCDMA B2/LTE B2:1930-1990MHz

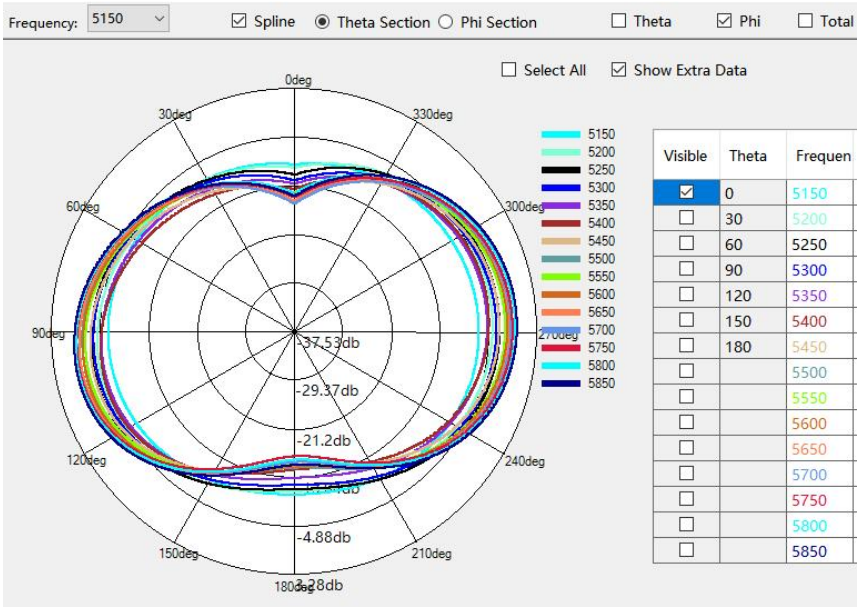
RF-Output Power (E.I.R.P)		WCDMA B1/LTE B1 : 2110 – 2170MHz
		LTE B7 :2620-2690MHz
		LTE B40 :2300-2400MHz
		LTE B38/41 :2565-2645MHz
		LTE B20 :791-821MHz
		LTE B28 :758-803MHz
		GSM850/900: 32+/-2dBm
		DCS1800/PCS1900: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5 /B7/B8/B20/B28/B38/B40/B41: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain	ANT2	GSM 850/WCDMA B5/LTE B5 :-6.94 dBi
		GSM 900/WCDMA B8/LTE B8 :-7.69 dBi
		DCS1800/WCDMA B4/LTE B3/B4 : -2.28 dBi
		PCS1900/WCDMA B2/LTE B2:-2.71 dBi
		WCDMA B1/LTE B1 : -2.26 dBi
		LTE B7/B38/B41: 0.25 dBi
		LTE B40 : 0.83 dBi
		LTE B20 :-6.65 dBi
		LTE B28 :-6.86 dBi
	ANT0	GSM 850/WCDMA B5/LTE B5 : -5.83 dBi
		GSM 900/WCDMA B8/LTE B8 : -6.12 dBi
		DCS1800 /WCDMA B4/LTE B3/B4 : -4.43 dBi
		PCS1900/WCDMA B2/LTE B2: -2.94 dBi
		WCDMA B1/LTE B1 : -4.72 dBi
		LTE B20 :-5.33 dBi
		LTE B28 :-5.75 dBi
		LTE B7/B38/B41/B40 :-4.06 dBi
	ANT13	BT/WIFI 2.4G: 0.5 dBi
	ANT12	GPS(L1):-2.4 dBi
Type of Modulation	ANT14	WIFI 5G: 0.38 dBi

※ Antenna Gain

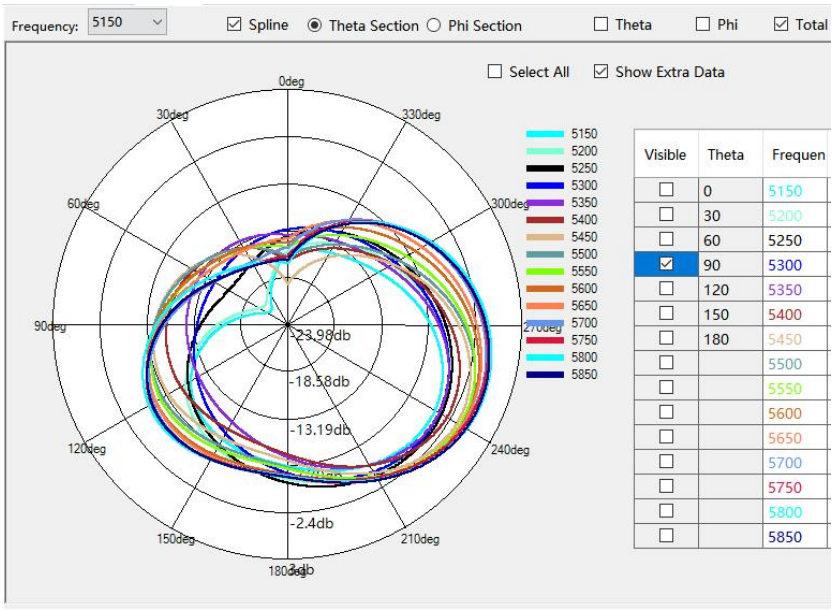
ANT14



5G WIFI Phi=0deg



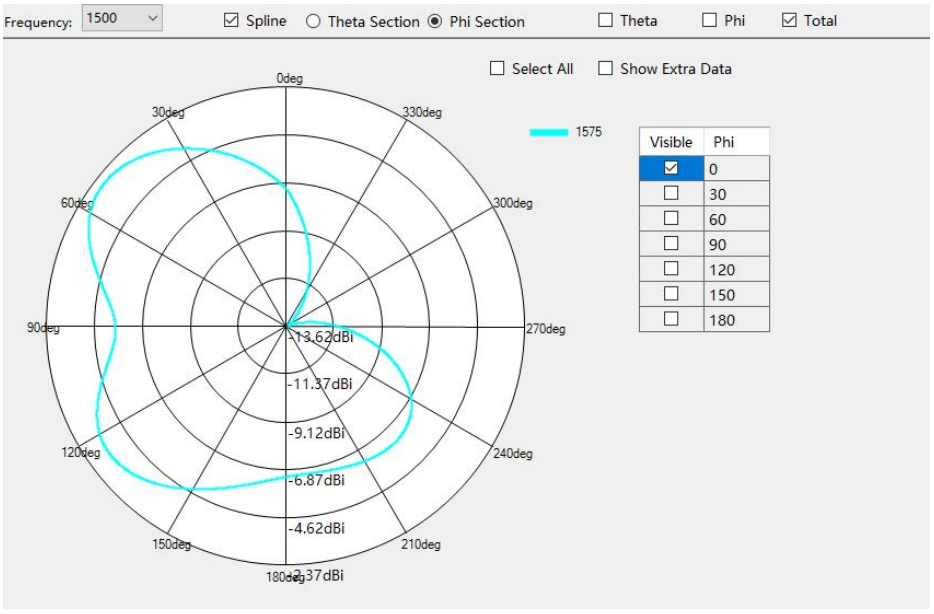
5G WIFI Phi=90deg



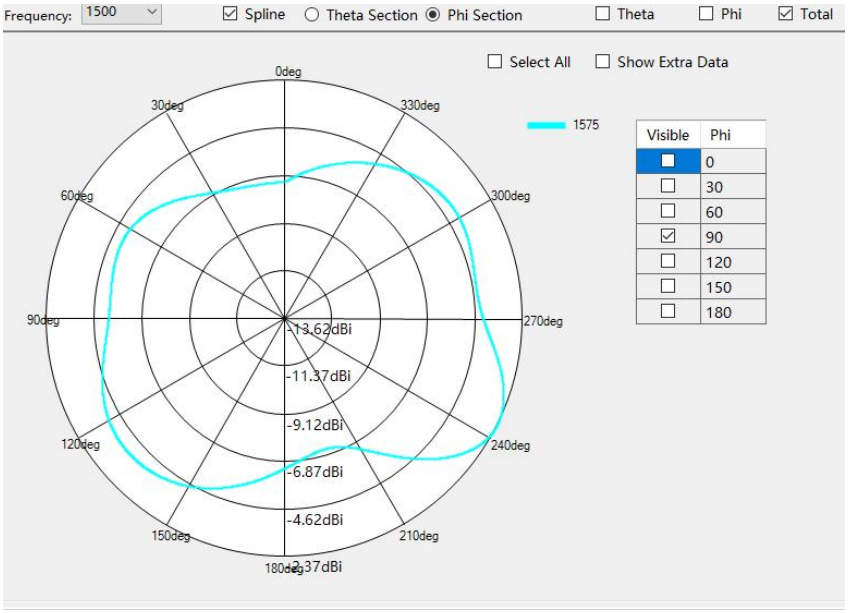
5G WIFI Theta=90deg

※ Antenna Gain

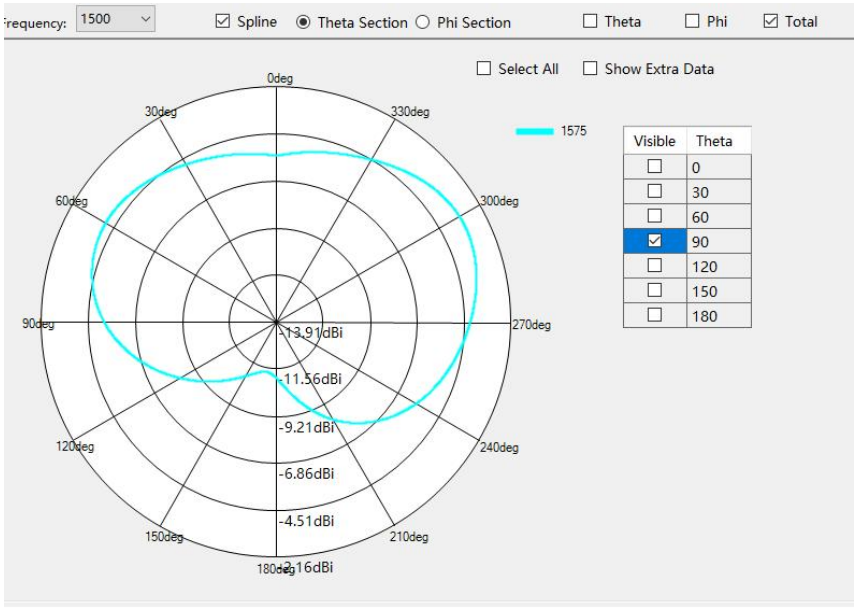
ANT12



GPS Phi=0deg



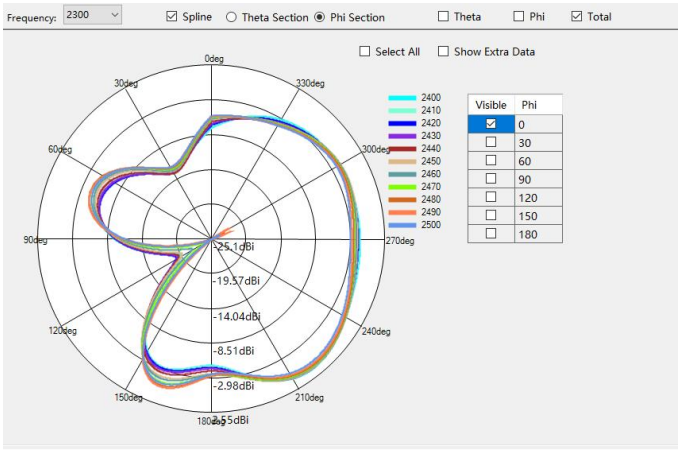
GPS Phi=90deg



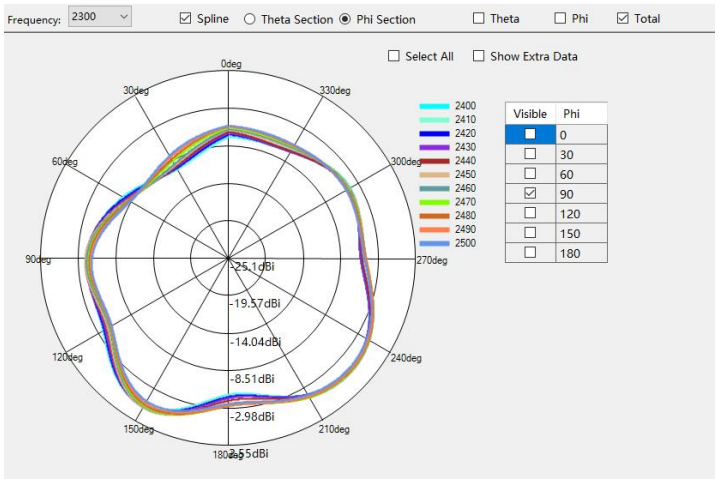
GPS Theta=90deg

※ Antenna Gain

ANT13



2.4GWIFI Phi=0deg



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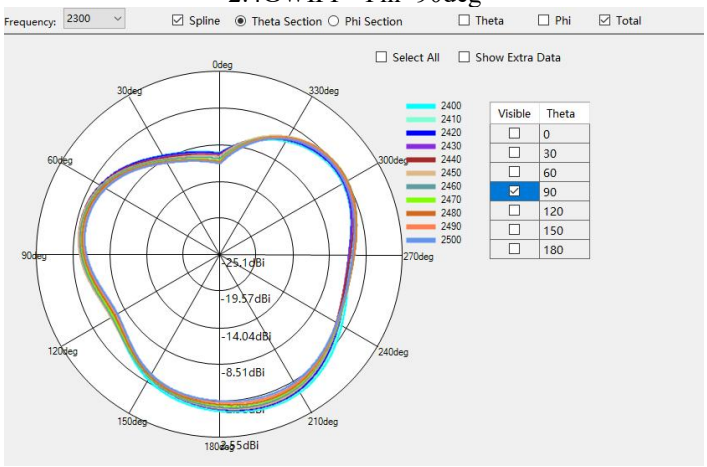
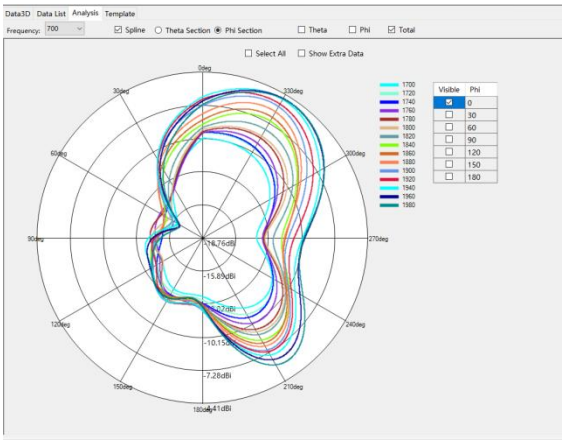


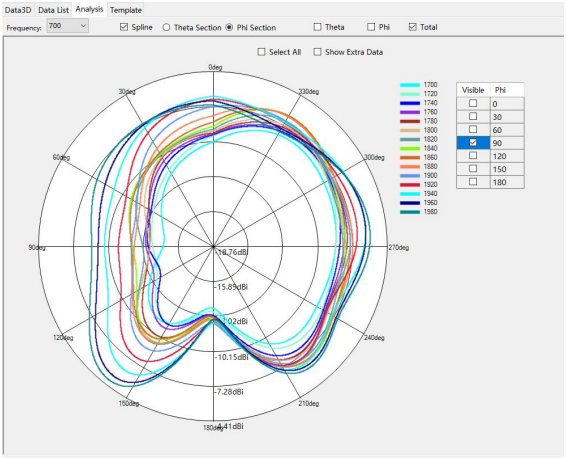
2.4GWIFI Theta=90deg

※ Antenna Gain

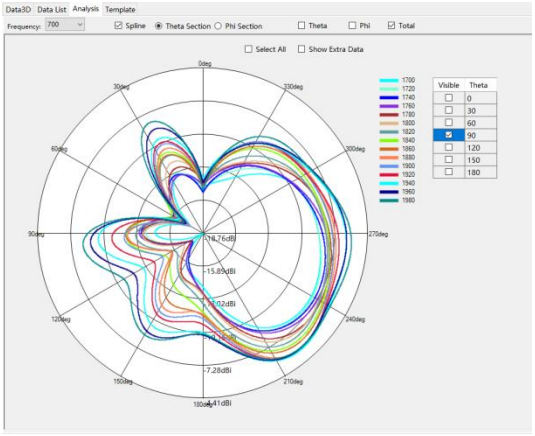
ANT0



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



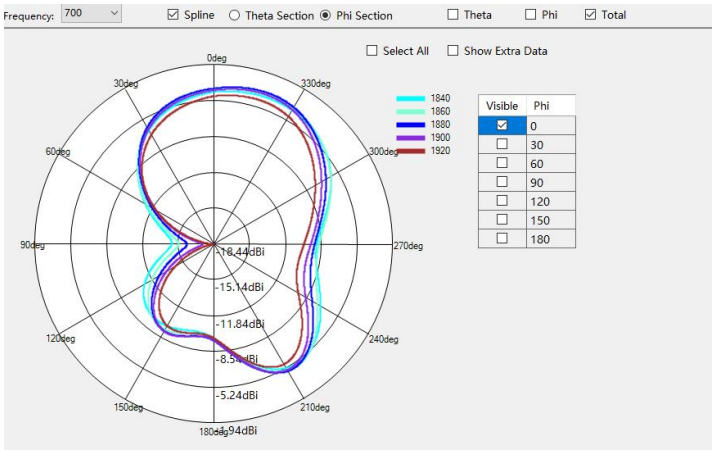
WCDMA B1 /B4 LTE B1/B4 Phi=90deg



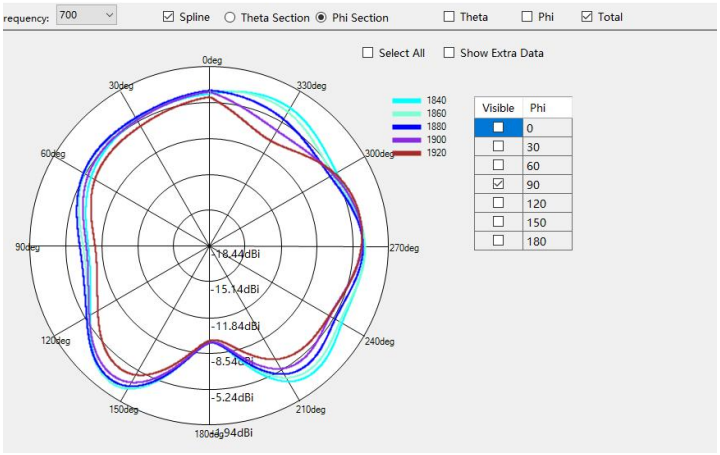
WCDMA B1 /B4 LTE B1/B4 Theta=90deg

※ Antenna Gain

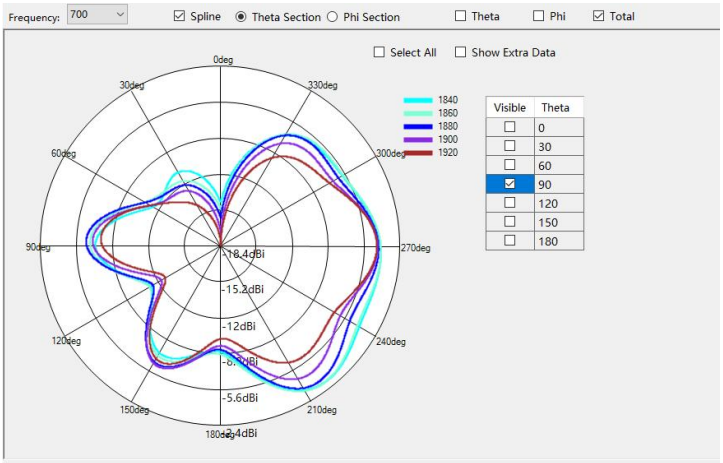
ANT0



GSM PCS1900 WCDMA B2 LTE B2 Phi=0deg



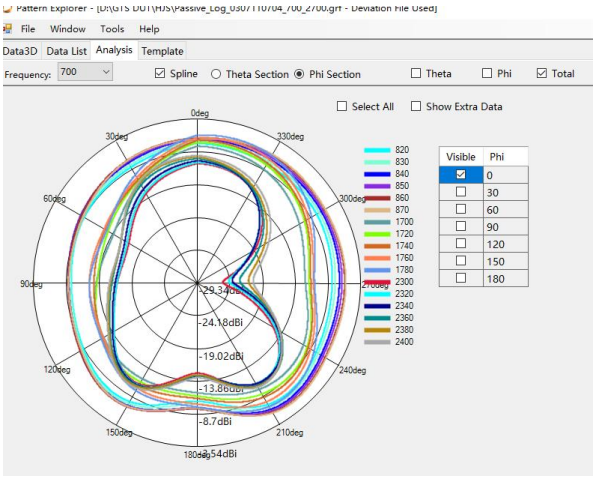
GSM PCS1900 WCDMA B2 LTE B2 Phi=90deg



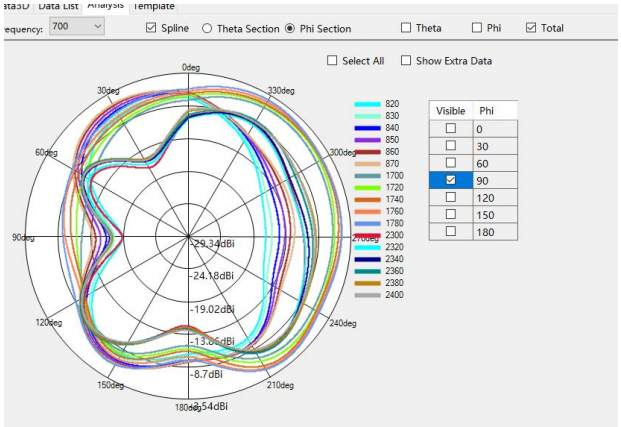
GSM PCS1900 WCDMA B2 LTE B2 Theta=90deg

※ Antenna Gain

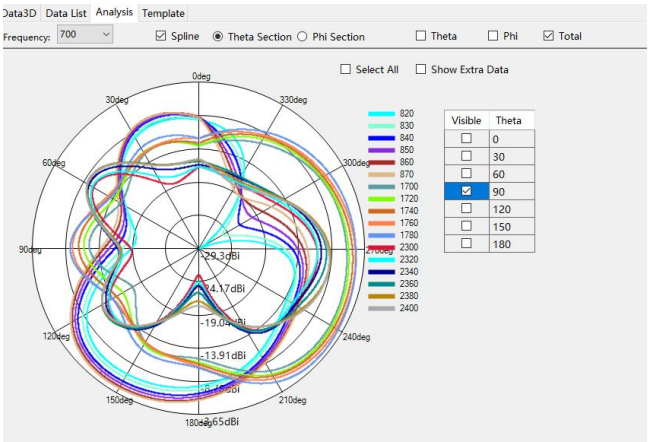
ANT0



GSM850/GSMDCS1800 WCDMA B5 LTE B3/B5/B20/B40 Phi=0deg



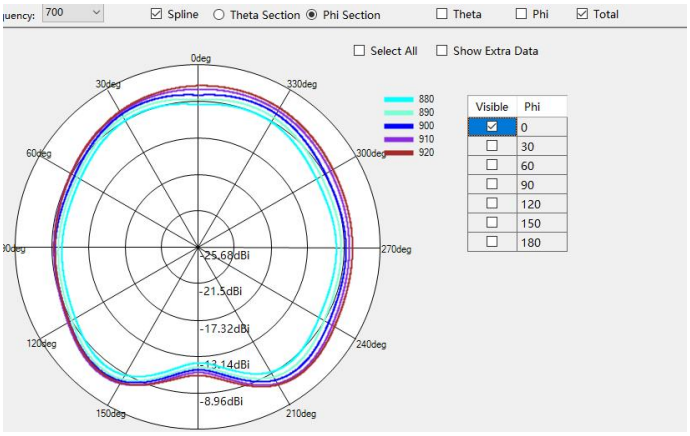
GSM850/GSMDCS1800 WCDMA B5 LTE B3/B5/B20/B40 Phi=90deg



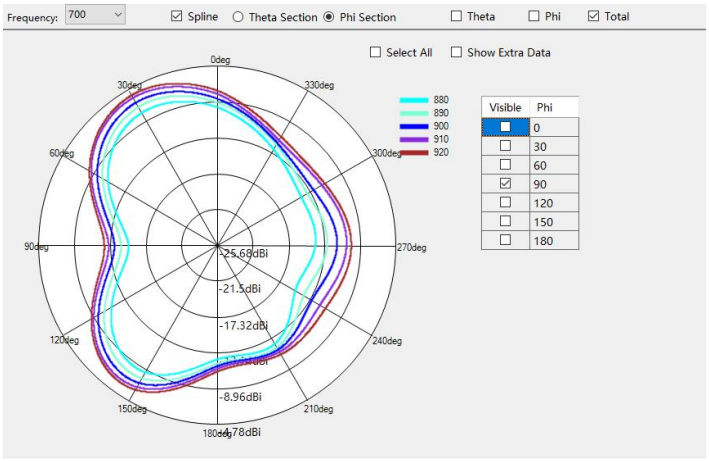
GSM850/GSMDCS1800 WCDMA B5 LTE B3/B5/B20/B40 Theta=90deg

※ Antenna Gain

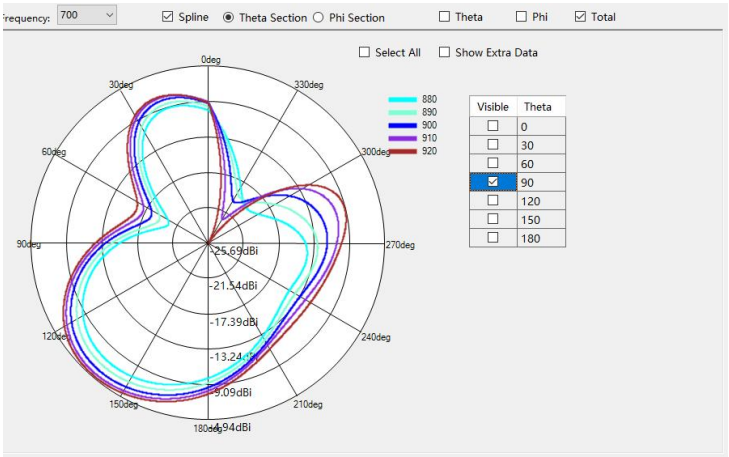
ANT0



GSM900 WCDMA B8 LTE B8 Phi=0deg



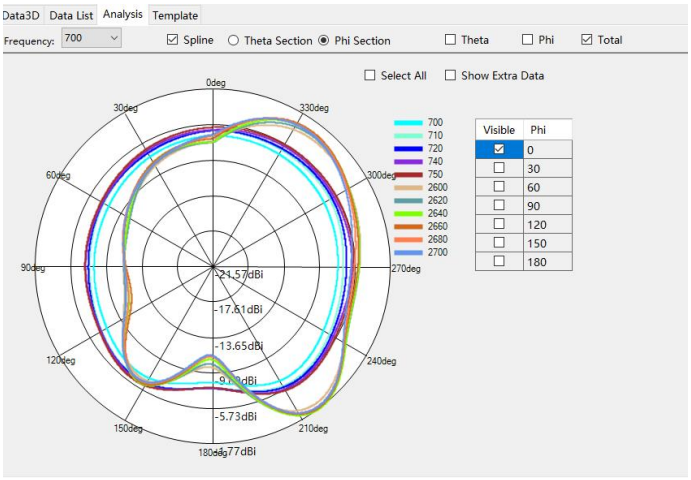
GSM900 WCDMA B8 LTE B8 Phi=90deg



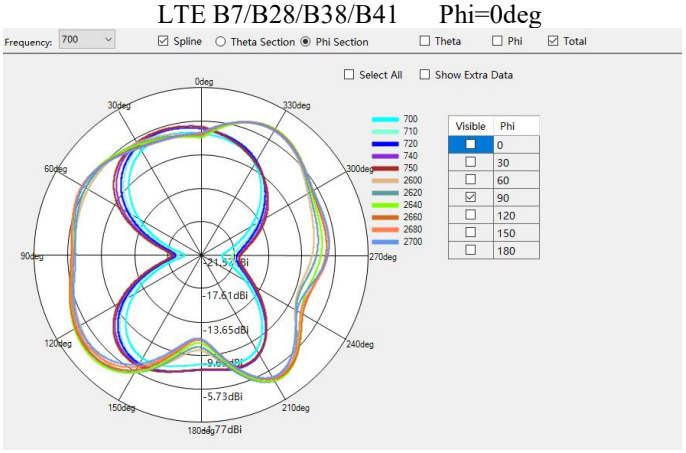
GSM900 WCDMA B8 LTE B8 Theta=90deg

※ Antenna Gain

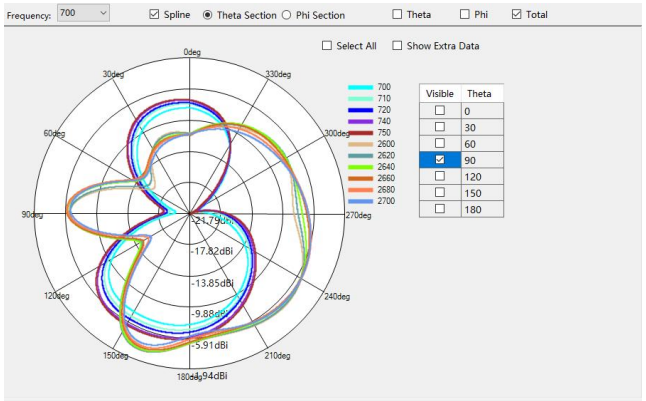
ANT0



LTE B7/B28/B38/B41 Phi=0deg



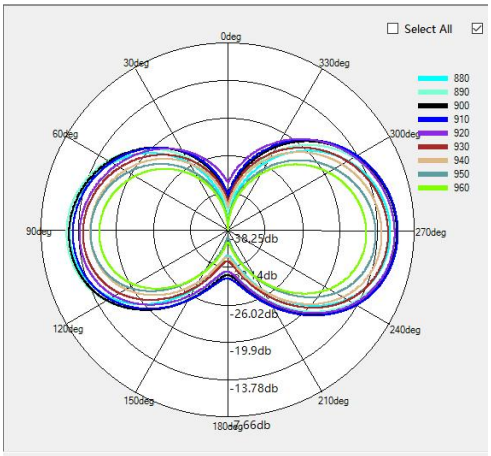
LTE B7/B28/B38/B41 Phi=90deg



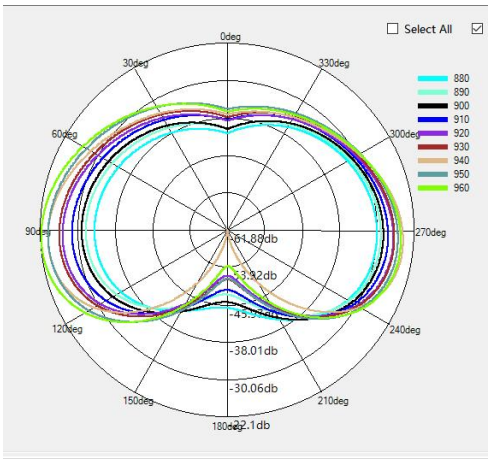
LTE B7/B28/B38/B41 Theta=90deg

※ Antenna Gain

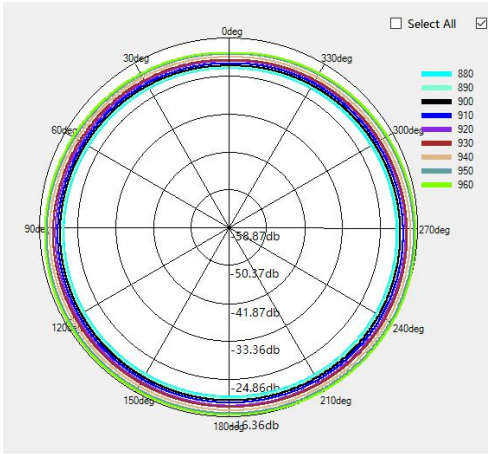
ANT2



GSM 900 WCDMA B8 LTE B8 Phi=0deg



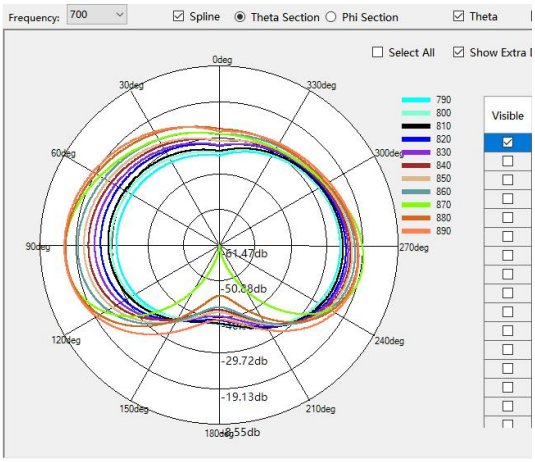
GSM 900 WCDMA B8 LTE B8 Phi=90deg



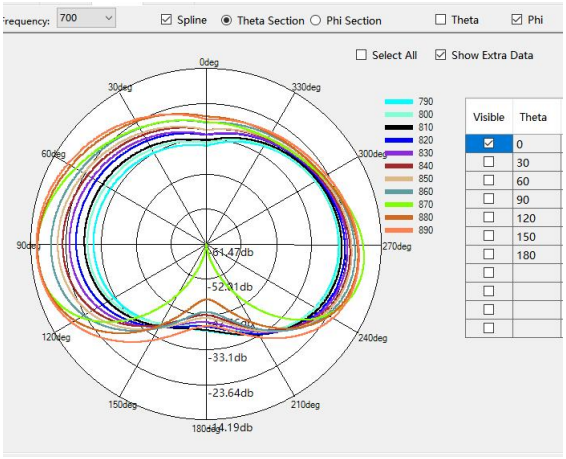
GSM 900 WCDMA B8 LTE B8 Theta=90deg

※ Antenna Gain

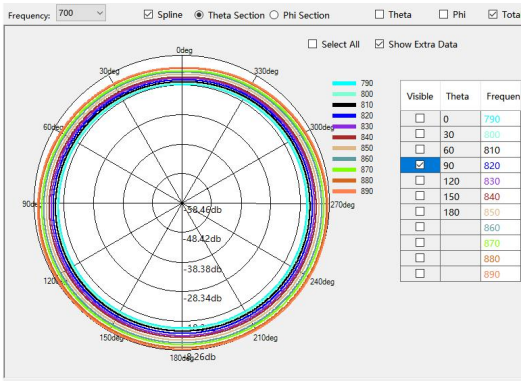
ANT2



GSM 850 WCDMA B5 LTE B5/B20 Phi=0deg



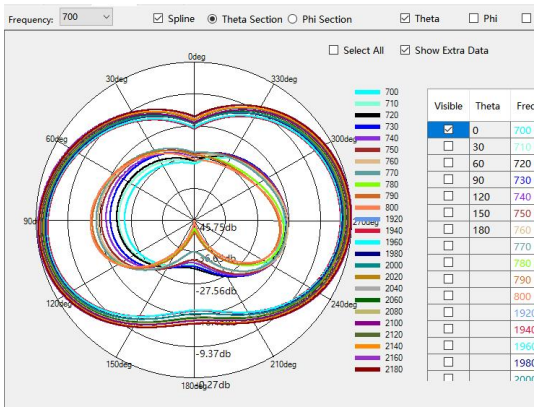
GSM 850 WCDMA B5 LTE B5/B20 Theta=90deg



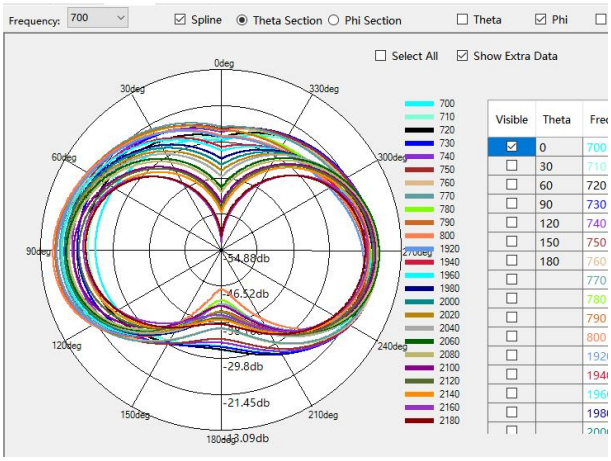
GSM 850 WCDMA B5 LTE B5/B20 Theta=90deg

※ Antenna Gain

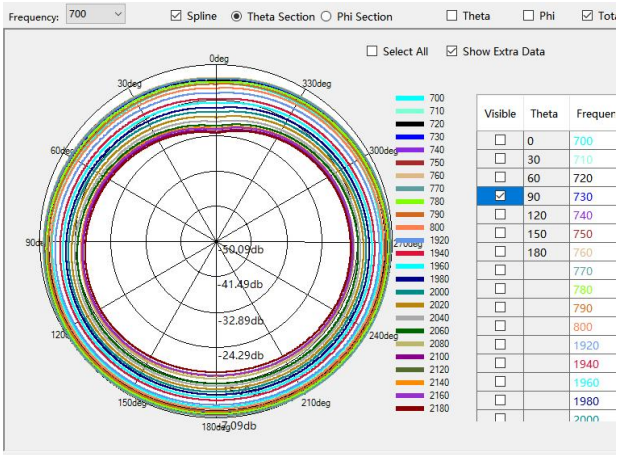
ANT2



WCDMA B1　LTE B1/B28
Phi=0deg



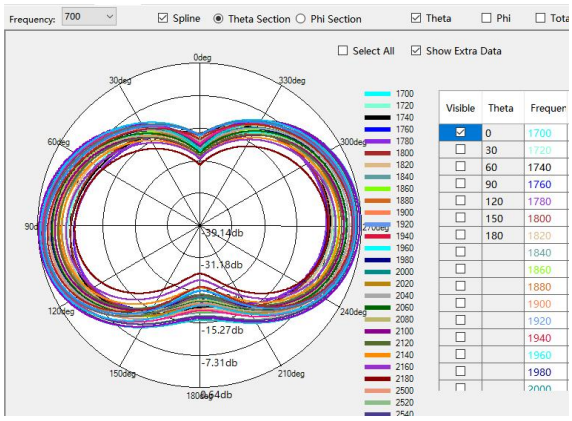
WCDMA B1　LTE B1/B28
Phi=90deg



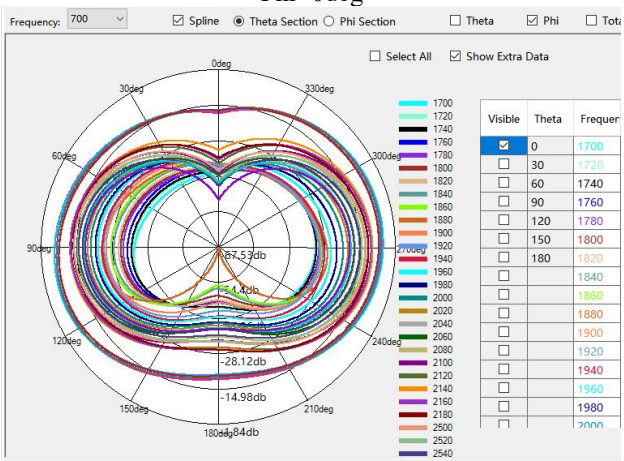
WCDMA B1　LTE B1/B28
Theta=90deg

※ Antenna Gain

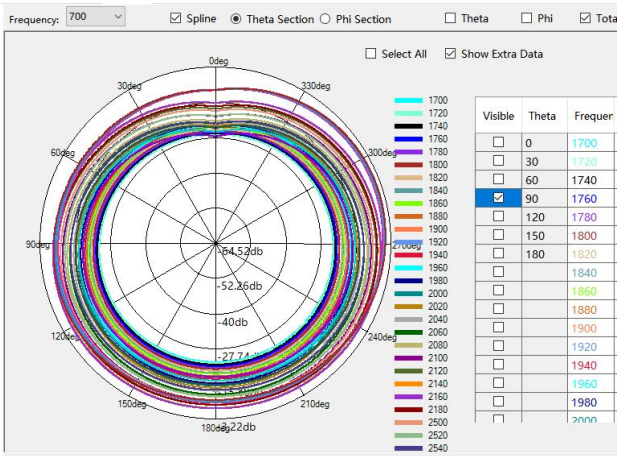
ANT2



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



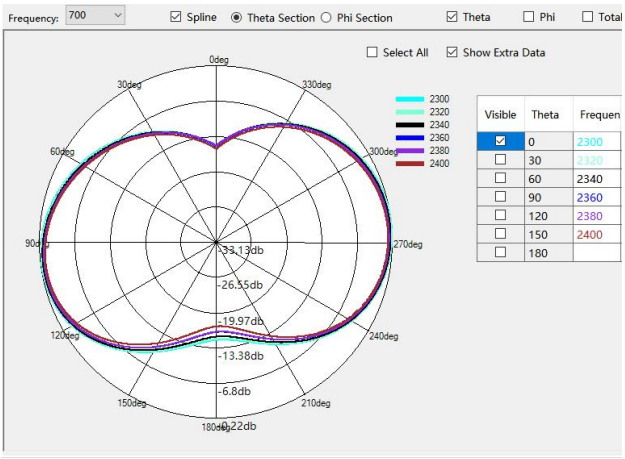
GSM DCS1800/PCS1900 WCDMA B2/B4 LTE B2/B3/B4/B7/B38/B41
Phi=90deg



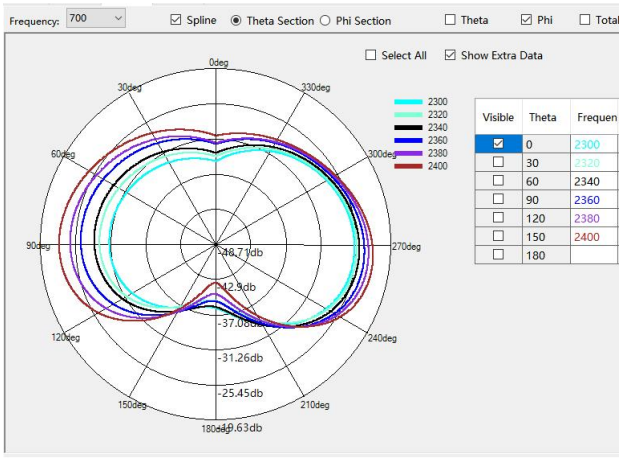
GSM DCS1800/PCS1900 WCDMA B2/B4 LTE B2/B3/B4/B7/B38/B41
Theta=90deg

※ Antenna Gain

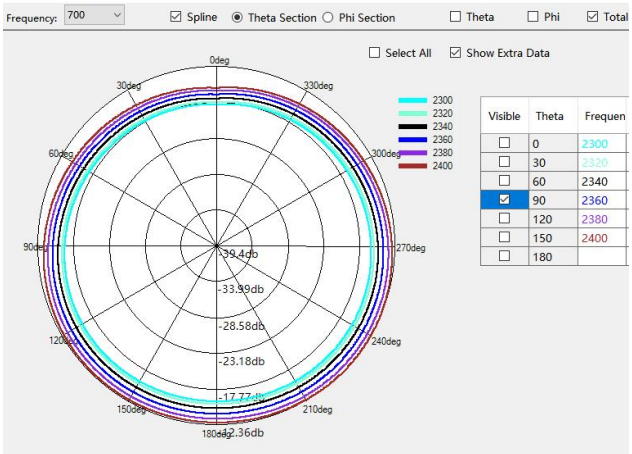
ANT2



LTE B40 Phi=0deg



LTE B40 Phi=90deg



LTE B40 Theta=90deg

TRANSSION
传音控股

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