

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

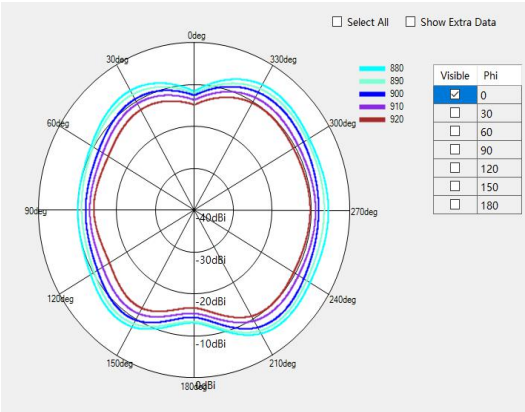
Name and address of the antenna manufacturer	Model number of the antenna
Zhejiang Haitong Communication Electronic Ltd. Co., Chongqing Branch Add: Room 304, Building 27, Fire Chain Digital Innovation Base, Xiantao Data Valley, Yubei District, Chongqing	KL7-ANT0-HT-XX-XX KL7-ANT1-HT-XX-XX KL7-ANT2-HT-XX-XX KL7-ANT12-HT-XX-XX KL7-AN13-HT-XX-XX KL7-ANT14-HT-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
		LTE B40:2300-2400MHz
		LTE B38/B41:2565-2645MHz
		LTE B12/B17/B28:710-755MHz
		LTE B20:791-821MHz
Receiver Frequency		GSM 850/WCDMA B5/LTE B5: 869 – 894 MHz
		GSM 900/WCDMA B8/LTE B8: 925 – 960 MHz
		DCS/LTE B3/B66: 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 B12/B17/B28:758-803MHz
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTEB1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40 /B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/B8: 23+/-2dBm
Antenna Gain	ANT2	GSM 850/WCDMA B5/LTE B5/B20: -6.02 dBi
		GSM 900/WCDMA B8/LTE B8: -4.57 dBi
		DCS /WCDMA B4/LTE B3/B4/B66:-2.6 dBi
		PCS/WCDMA B2/LTE B2:-4.46 dBi
		WCDMA B1/LTE B1: -4.1 dBi
		LTE B7/B38/B41:-2.96 dBi
		LTE B40:-0.75 dBi
		LTE B12/B17/B28:-7.56 dBi
	ANT13	BT/WIFI 2.4G:-1.09 dBi 5G:-2.25 dBi
	ANT14	BT/WIFI 2.4G:-2.04 dBi 5G:-0.04 dBi

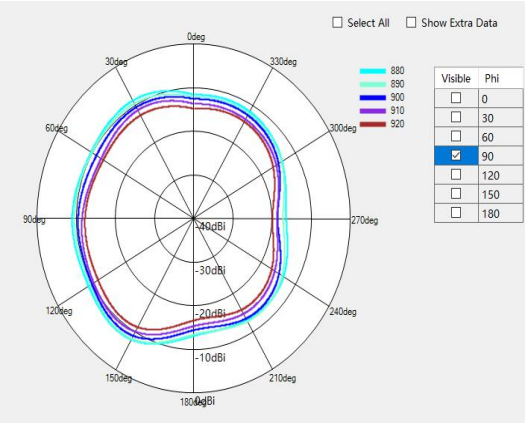
	ANT12	GPS(L1):-2.04 dBi
	ANT0	GSM 850/WCDMA B5/LTE B5/B20: -6.76 dBi
		GSM 900/WCDMA B8/LTE B8: -5.01 dBi
		DCS /WCDMA B4/LTE B3/B4/B66:-5.51 dBi
		PCS/WCDMA B2/LTE B2:-5.06 dBi
		WCDMA B1/LTE B1: -7.02 dBi
		LTE B7/B38/B41:-4.27 dBi
		LTE B40:-3.98 dBi
		LTE B12/B17/B28:-7.04 dBi
Type of Modulation		

※ Antenna Gain

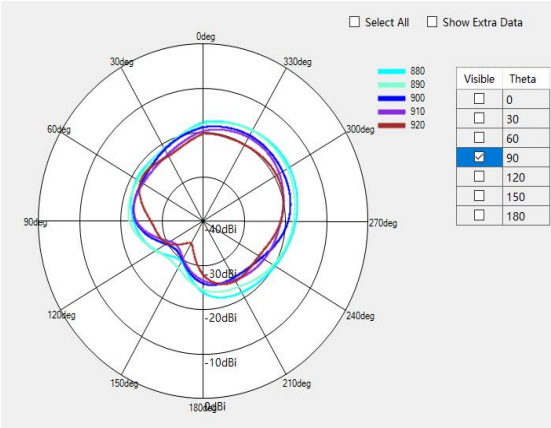
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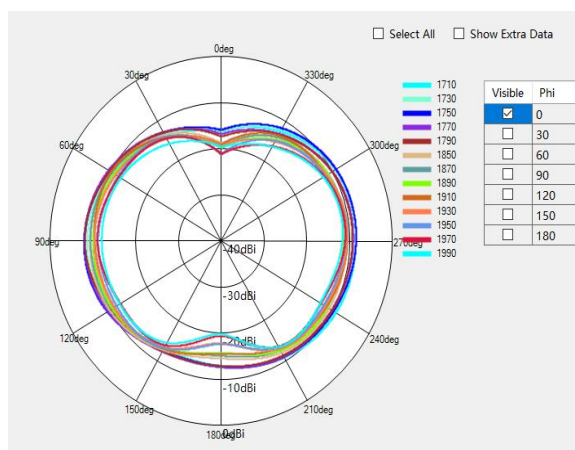
GSM900 / WCDMA B8 / LTE /B8 $\Phi=0^\circ$



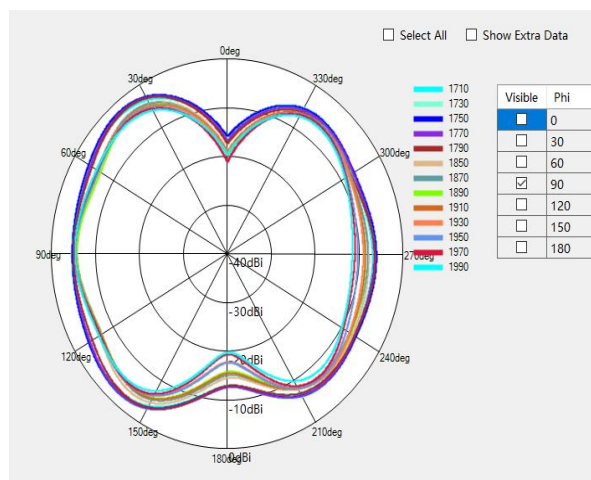
GSM900 / WCDMA B8 / LTE /B8 $\Phi=90^\circ$



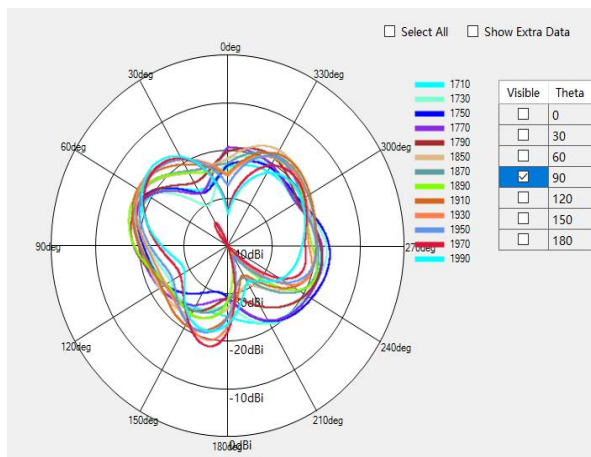
GSM900 / WCDMA B8 / LTE /B8 $\Theta=0^\circ$



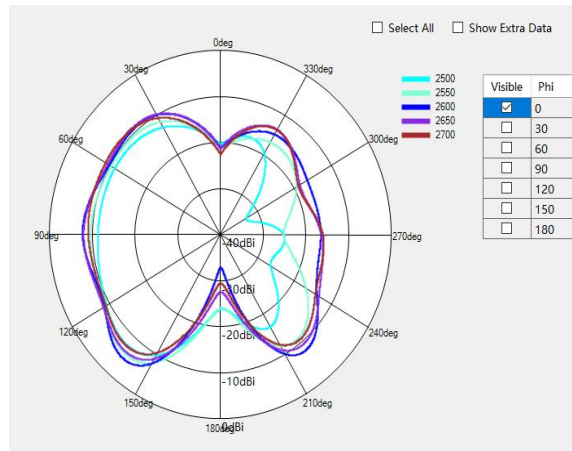
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Phi=0deg



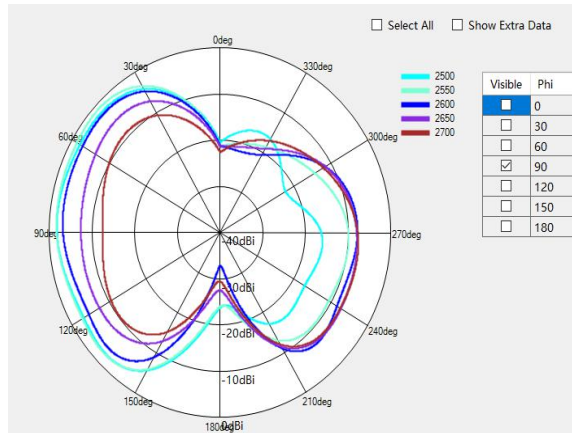
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Phi=90deg



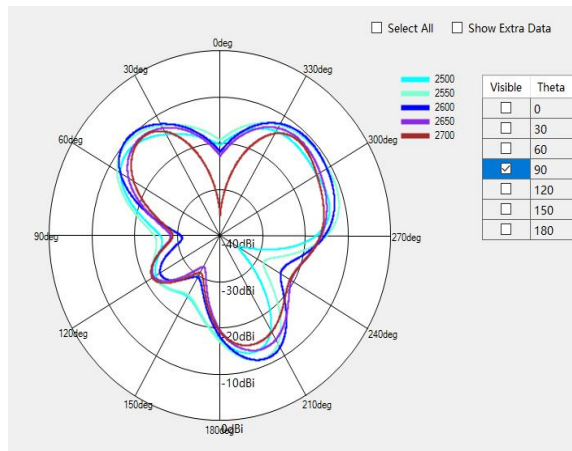
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 Theta=90deg



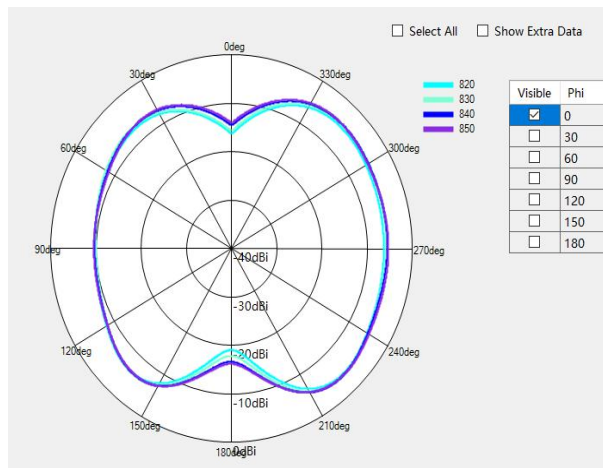
LTE B7/B38/B41 Phi=0deg



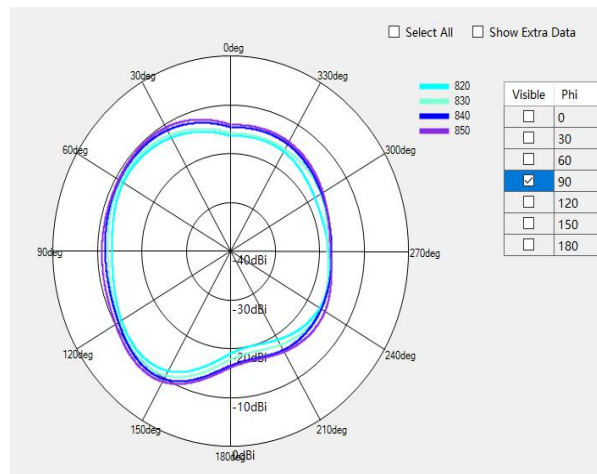
LTE B7/B38/B41 Phi=90deg



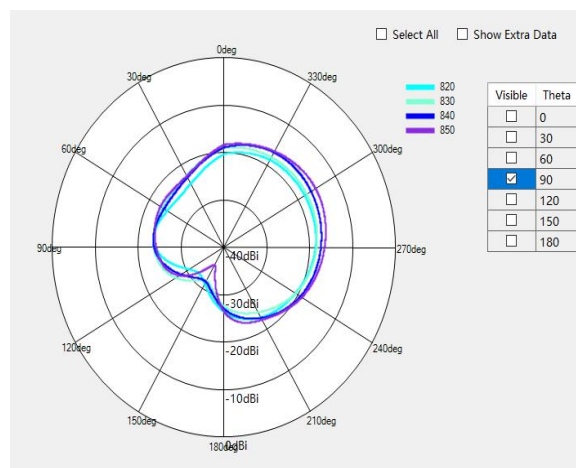
LTE B7/B38/B41 Theta=90deg



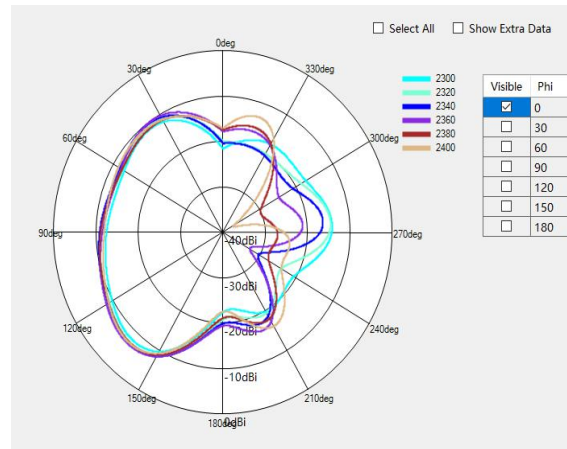
GSM850/WCDMA B5/LTE B5/B20 Phi=0deg



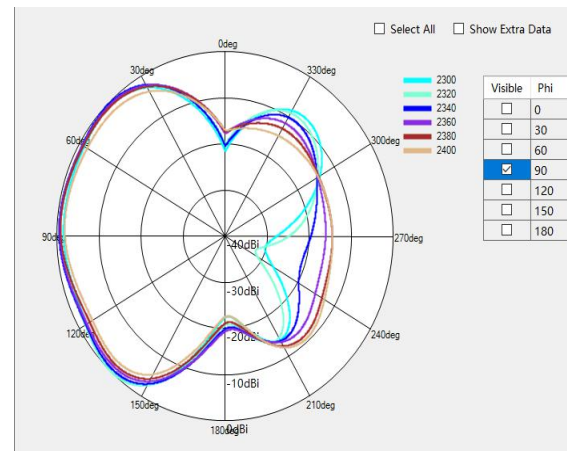
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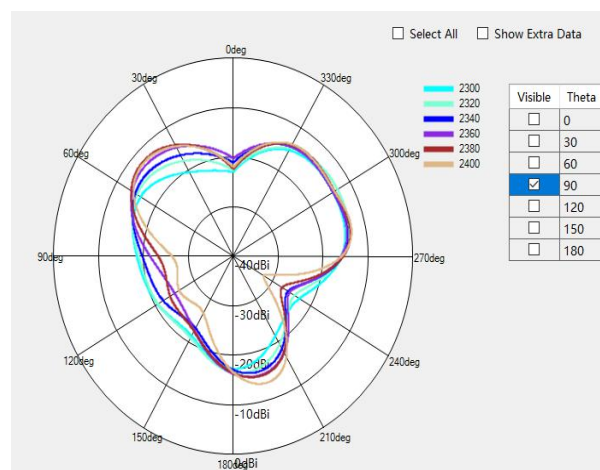
GSM850/WCDMA B5/LTE B5/B20 Theta=90deg



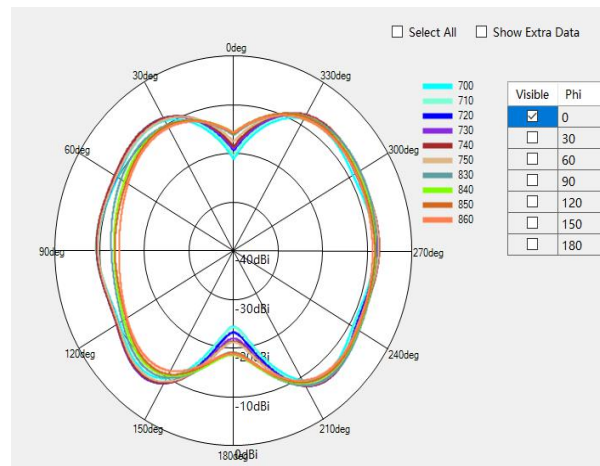
LTE B40 Phi=0deg



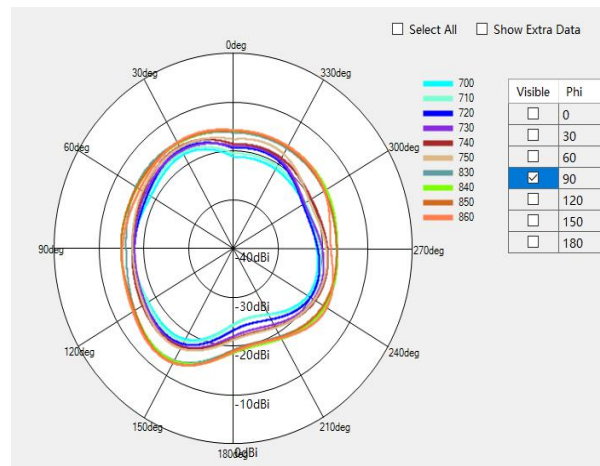
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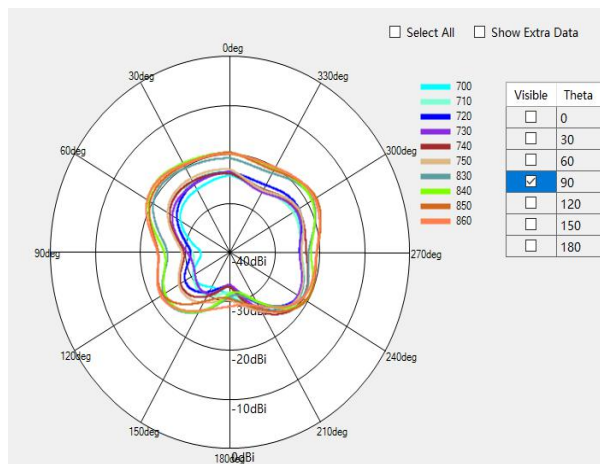
LTE B40 Theta=90deg



LTE B12/B17/B28 Phi=0deg



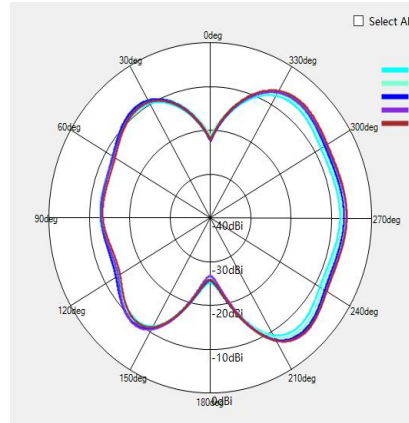
LTE B12/B17/B28 Phi=90deg



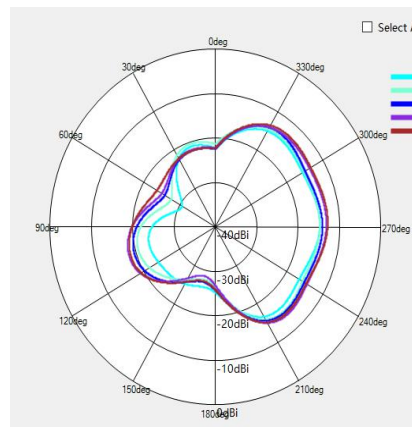
LTE B12/B17/B28 Theta=90deg

※ Antenna Gain

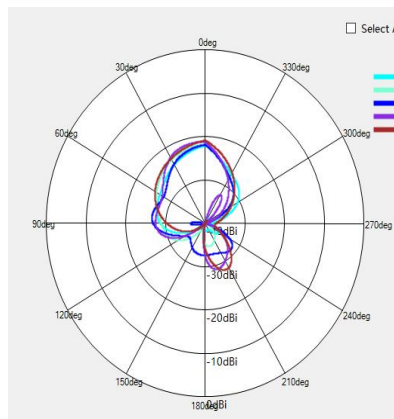
ANT0



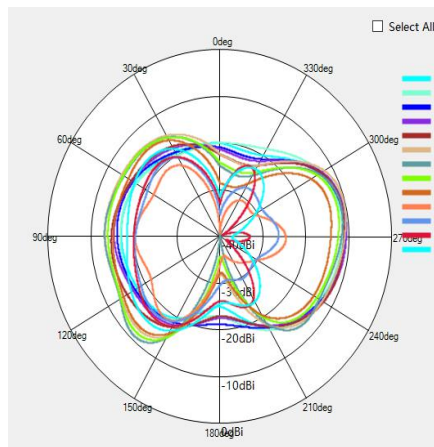
GSM900 / WCDMA B8 / LTE /B8 $\Phi=0^\circ$



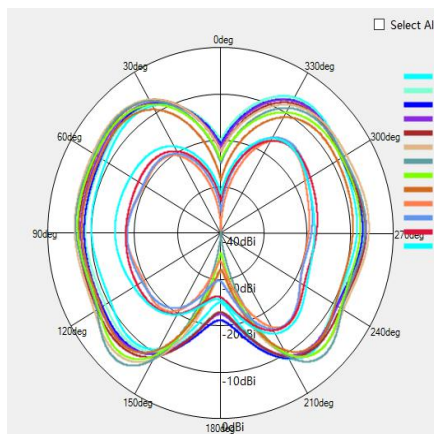
GSM900 / WCDMA B8 / LTE /B8 $\Phi=90^\circ$



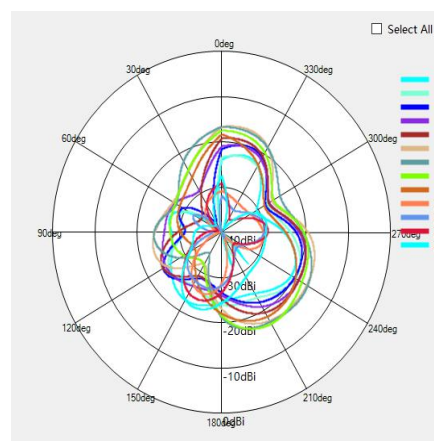
GSM900 / WCDMA B8 / LTE /B8 $\Theta=0^\circ$



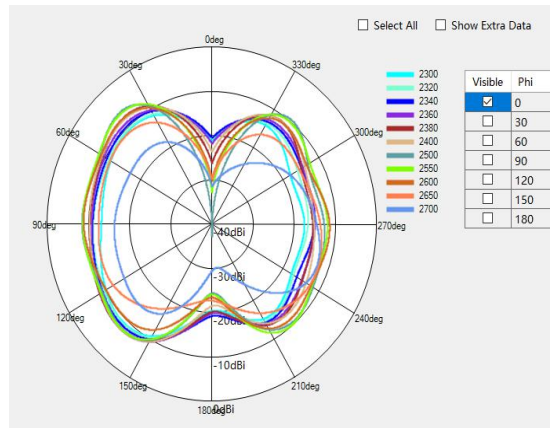
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 $\Phi=0^\circ$



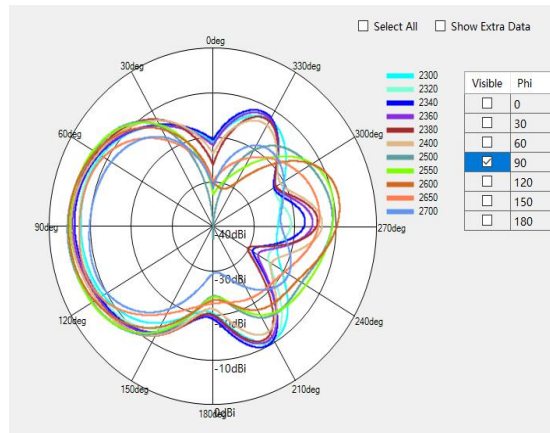
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 $\Phi=90^\circ$



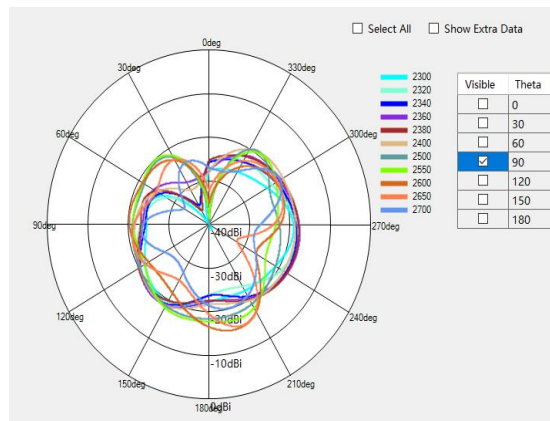
DCS/PCS / WCDMA B1/B2/B4 / LTE B1/B2/B3/B4/B66 $\Theta=90^\circ$



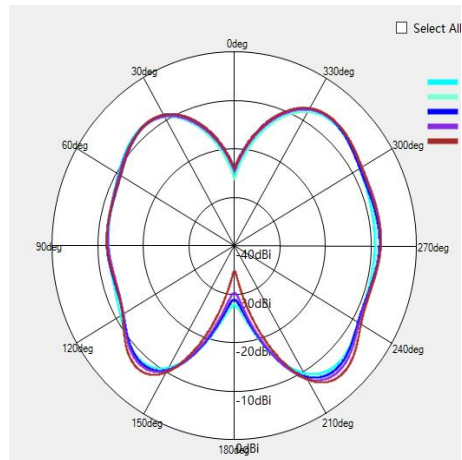
LTE B7/B38/B40/B41 Phi=0deg



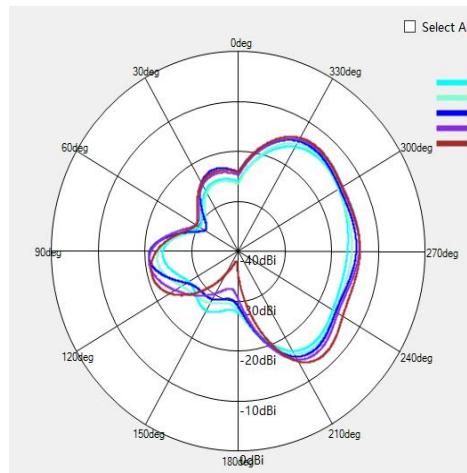
LTE B7/B38/B40/B41 Phi=90deg



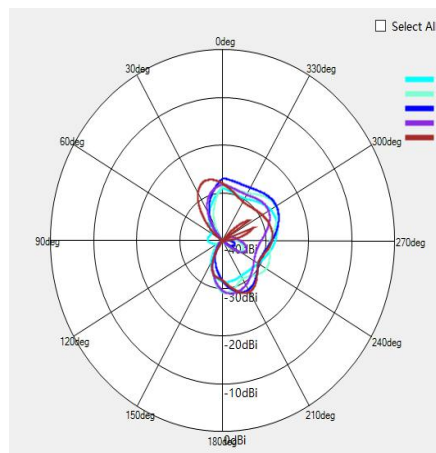
LTE B7/B38/B40/B41 Theta=90deg



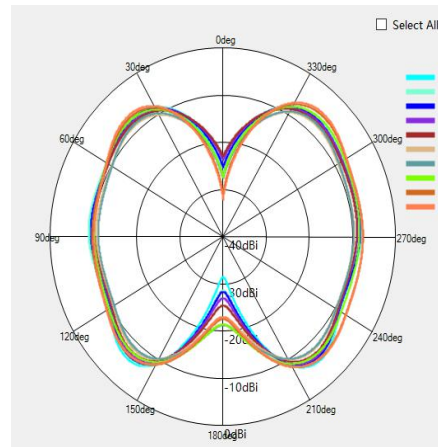
GSM850/WCDMA B5/LTE B5/B20 $\Phi=0^\circ$



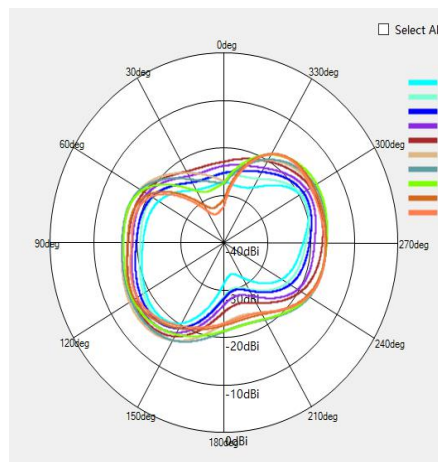
GSM850/WCDMA B5/LTE B5/B20 $\Phi=90^\circ$



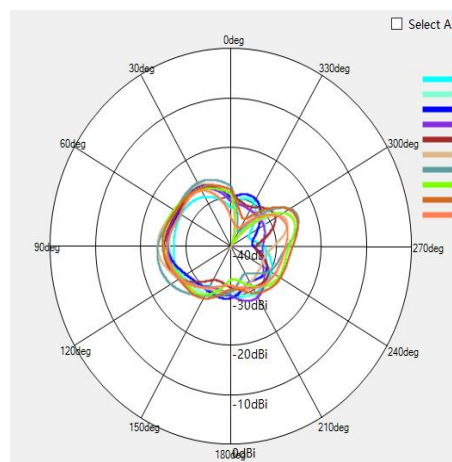
GSM850/WCDMA B5/LTE B5/B20 $\Theta=90^\circ$



LTE B12/B17/B28 $\Phi=0^\circ$



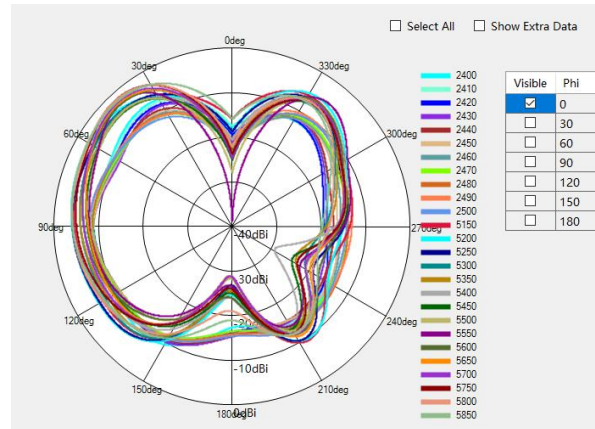
LTE B12/B17/B28 $\Phi=90^\circ$



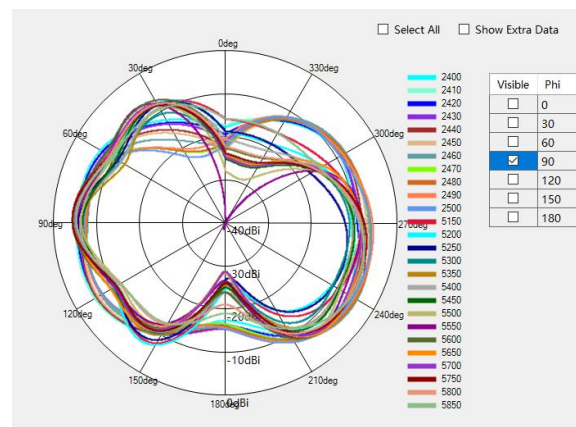
LTE B12/B17/B28 $\Theta=90^\circ$

※ Antenna Gain

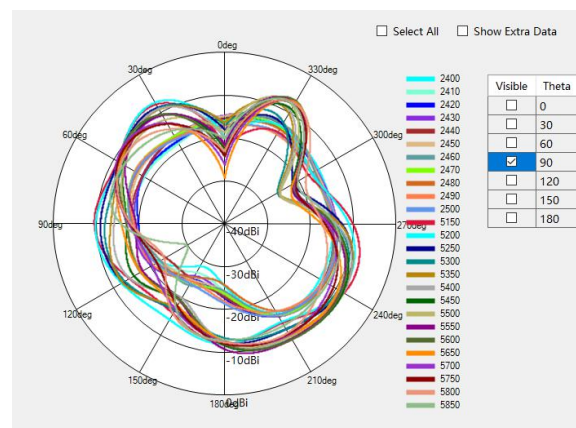
ANT13



WIFI 2.4G&5G Phi=0deg



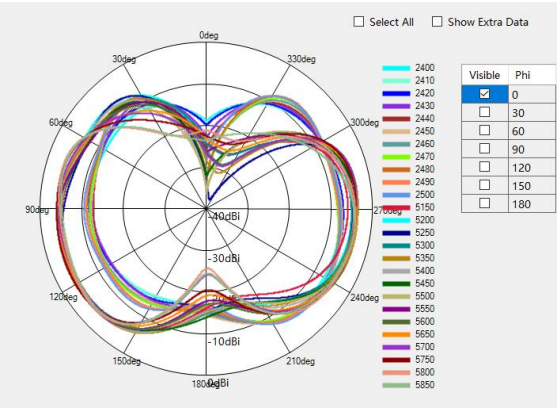
WIFI 2.4G&5G Phi=90deg



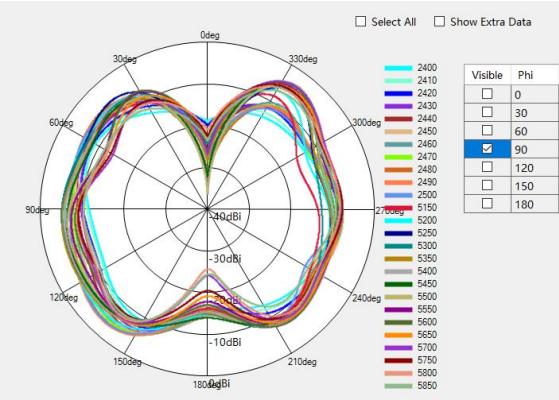
WIFI 2.4G&5G Theta=90deg

※ Antenna Gain

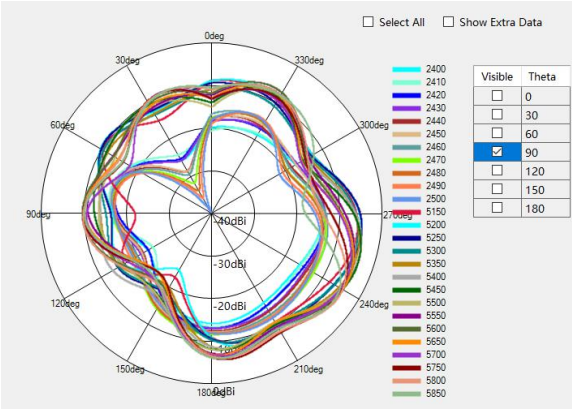
ANT14



WIFI 2.4G&5G $\Phi=0^\circ$



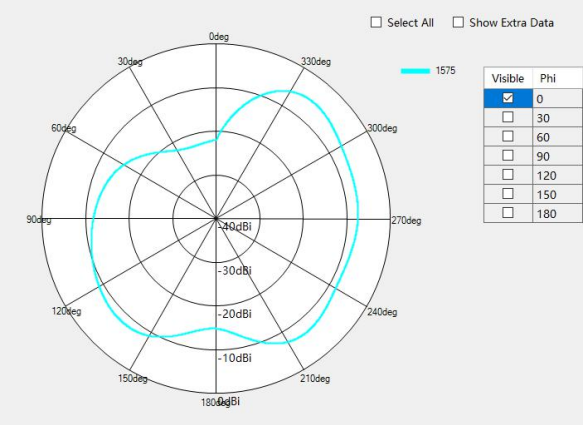
WIFI 2.4G&5G $\Phi=90^\circ$



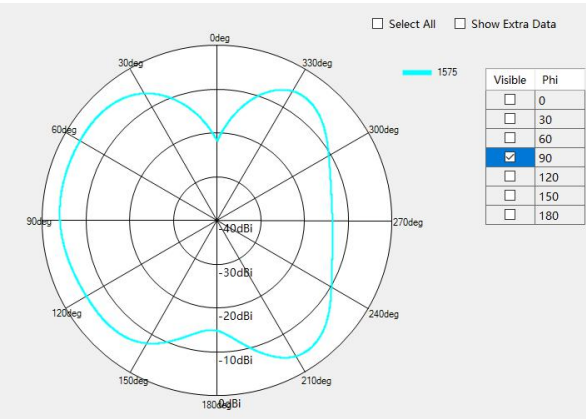
WIFI 2.4G&5G $\Theta=90^\circ$

※ Antenna Gain

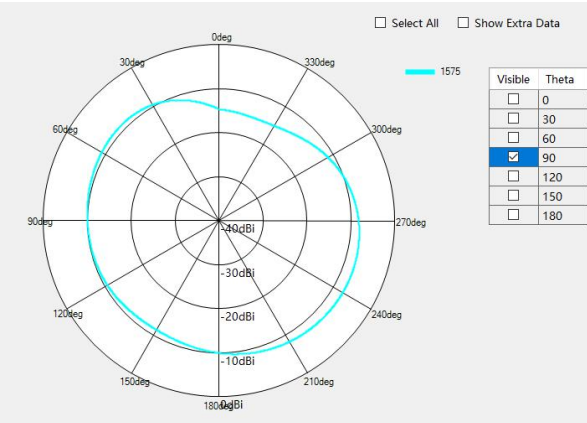
ANT12



GPS Phi=0deg



GPS Phi=90deg



GPS Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	