

Feature

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

Application

※GSM850/900/DCS/PCS/WCDMAB1/B2/B4/B5/B8

LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41/B66

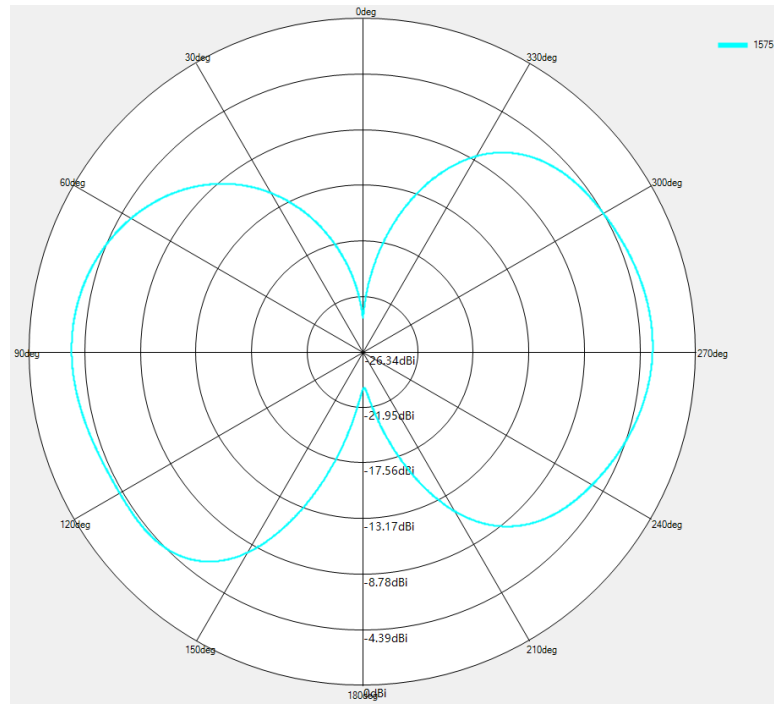
Name and address of the antenna manufacturer	Model number of the antenna
Dongguan Guangzheng Mold Plastic Co., Ltd No. 2 Yucheng Road, Shatounan District, Chang'an Town,Dongguan City	CLA5-ANT0 CLA5-ANT1 CLA5-ANT2 CLA5-ANT3 CLA5-ANT4 CLA5-ANT12 CLA5-ANT13 CLA5-ANT14

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 B28 :710-755MHz
		GSM 850/WCDMA B5/LTE B5 : 869 – 894 MHz
Receiver Frequency		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
		GSM850/900: 32+/-2dBm
RF-Output Power (E.I.R.P)		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
Antenna Gain	ANT0	GSM 850/WCDMA B5/LTE B5 : -6.89 dBi
		GSM 900/WCDMA B8/LTE B8 : -6.14 dBi
		LTE B20: -6.89 dBi
		LTE B12/B17/B28 : -7.95 dBi
	ANT4	DCS /WCDMA B4/LTE B3/B4: -2.7 dBi
		PCS/WCDMA B2/LTE B2: -2.8 dBi
		WCDMA B1/LTE B1/B66 : -2.8 dBi
		LTE B7/B38/B41 : -0.88 dBi
		LTE B40 : -1.34 dBi
	ANT13	GPS(L1): -1.41 dBi

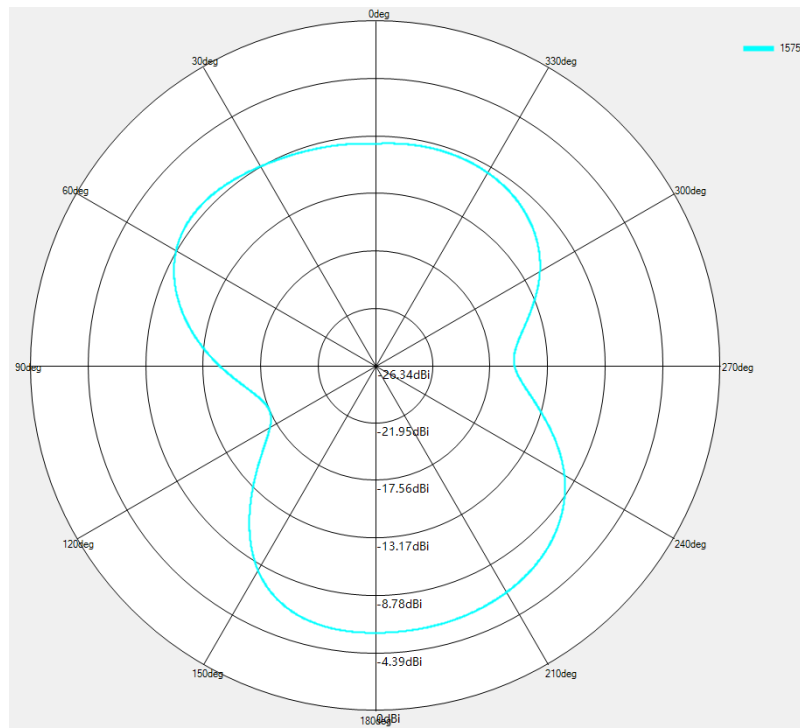
	ANT12	WIFI 2.4G/BT: -4.12 dBi 5G: -2.31 dBi
	ANT14	WIFI 2.4G/BT: -3.37 dBi 5G: -3.19 dBi
Type of Modulation		

※ Antenna Gain

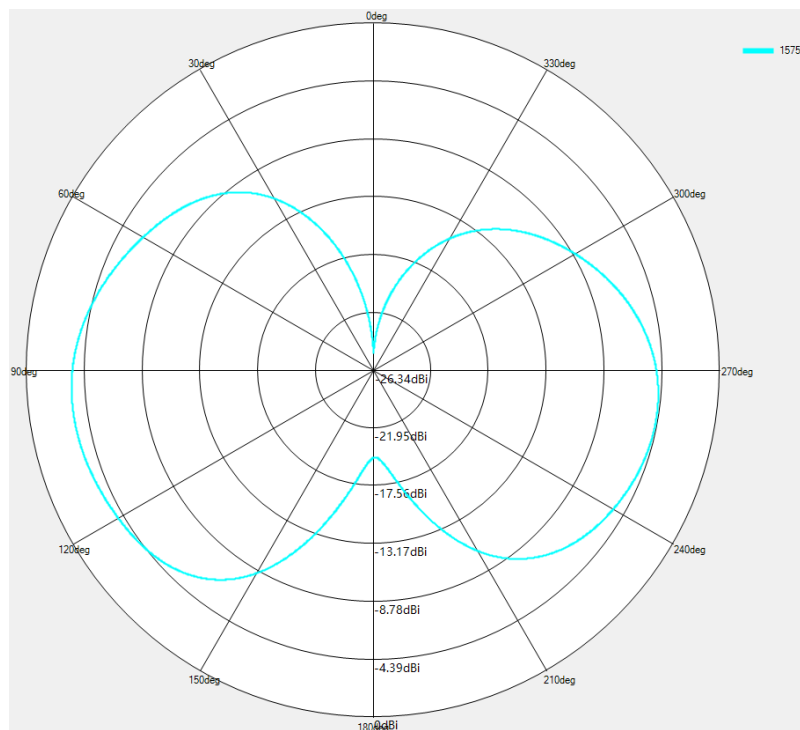
ANT13



GPS Theta=0deg



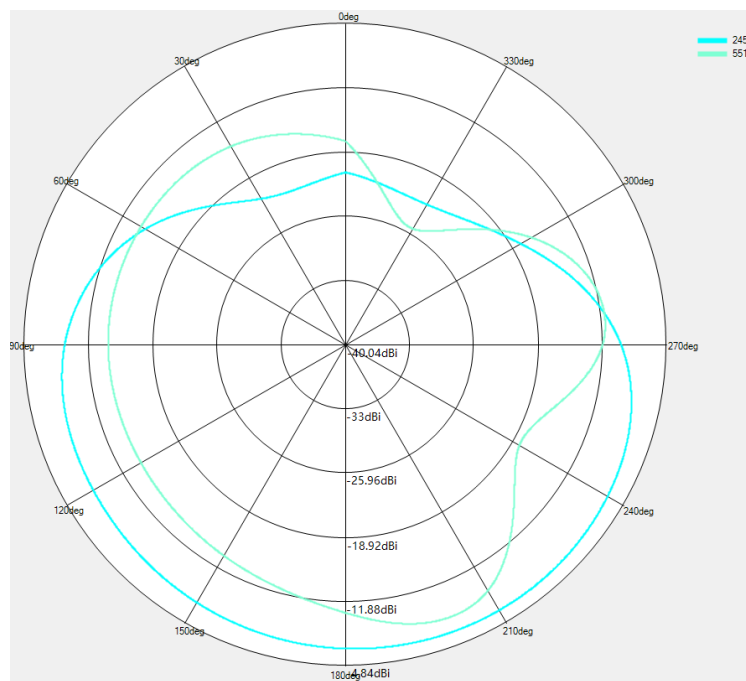
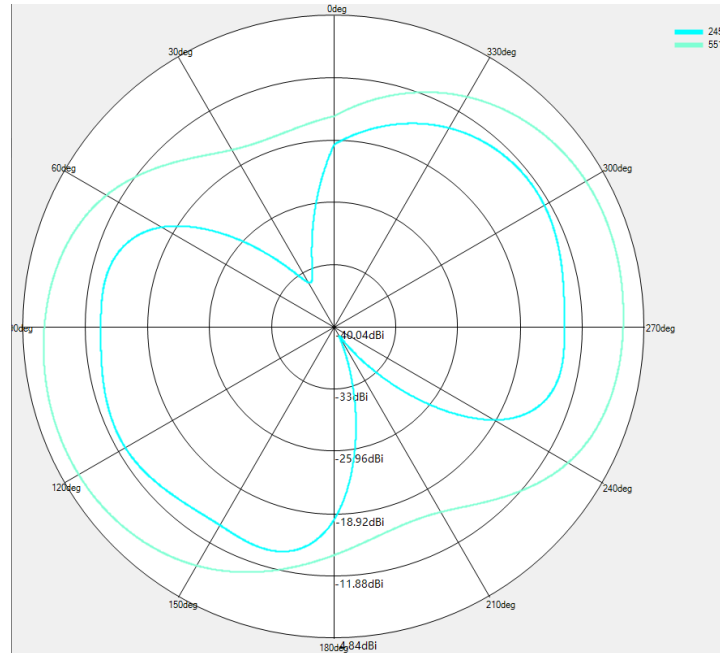
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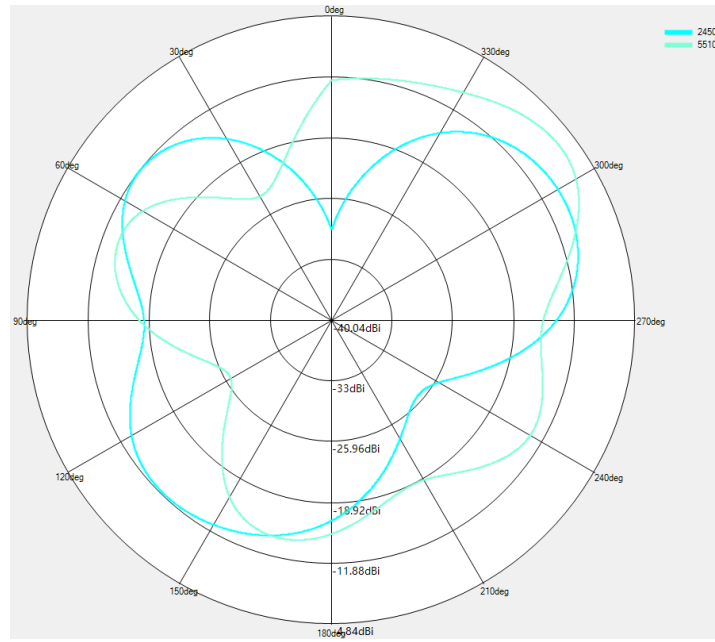


GPS Phi=90deg

※ Antenna Gain

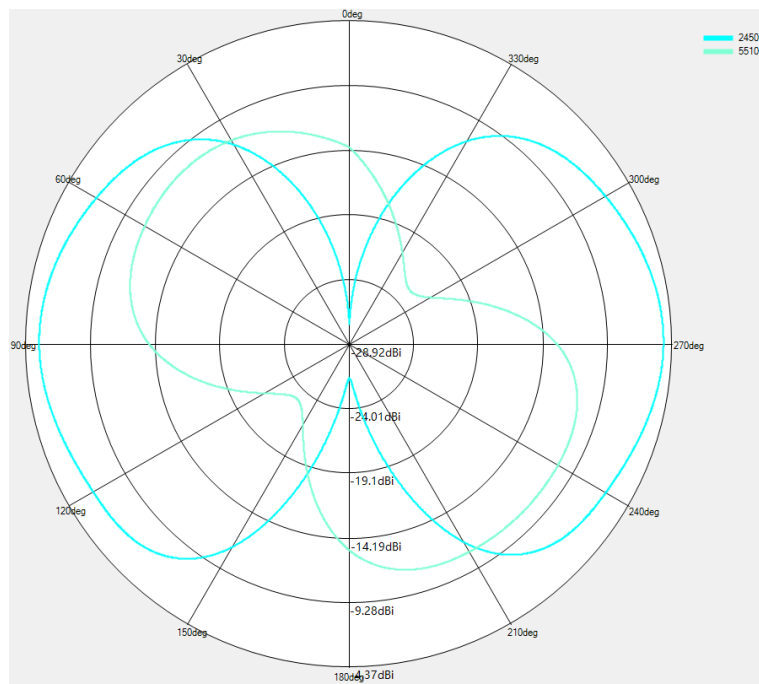
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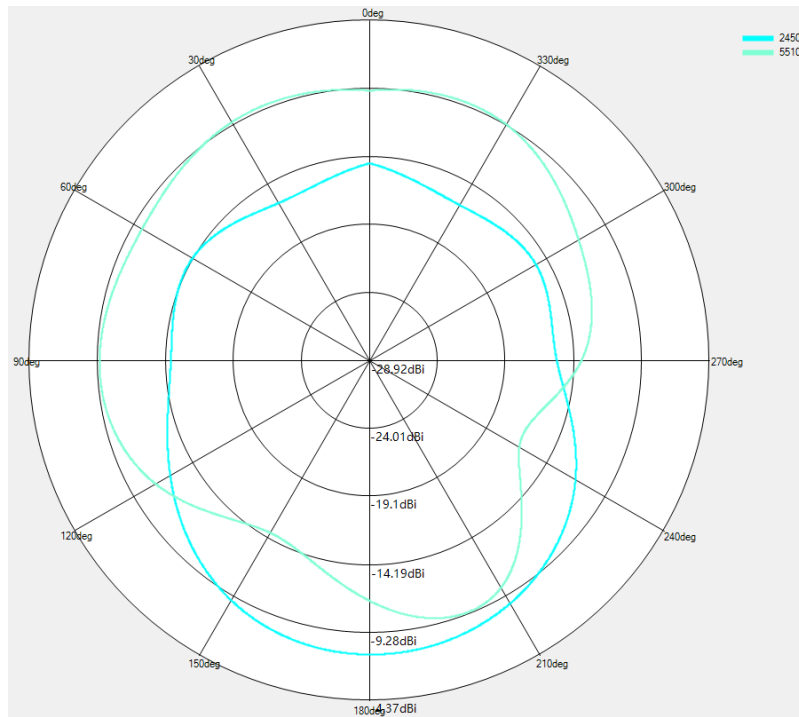




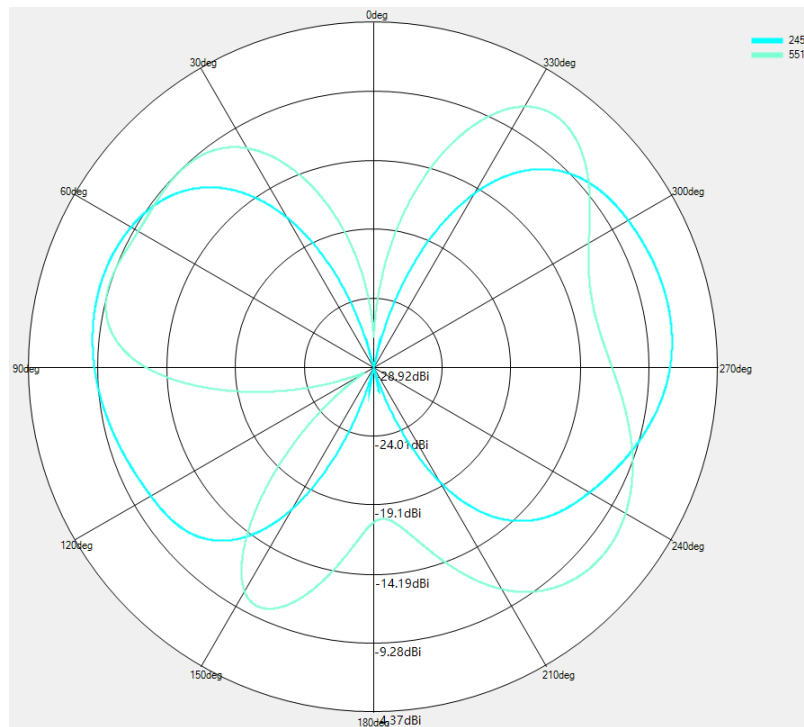
※ Antenna Gain

ANT14





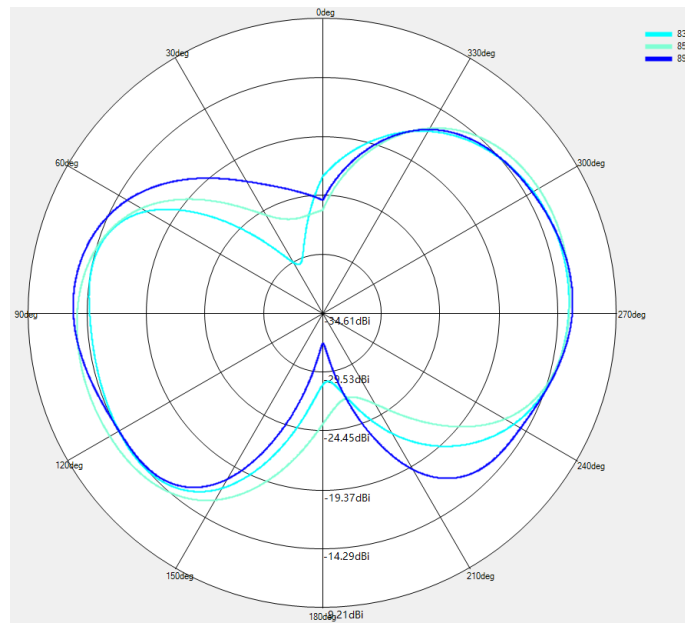
2.4G/5G WIFI&BT Theta=90deg



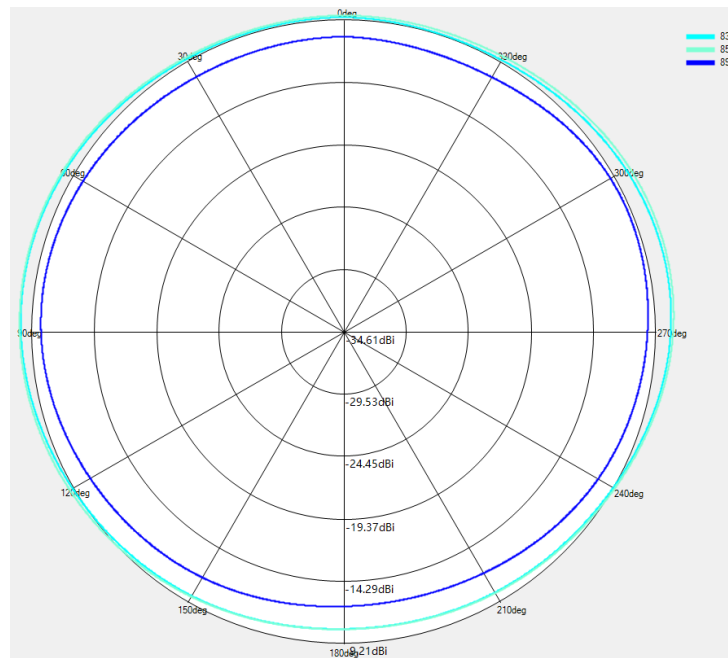
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

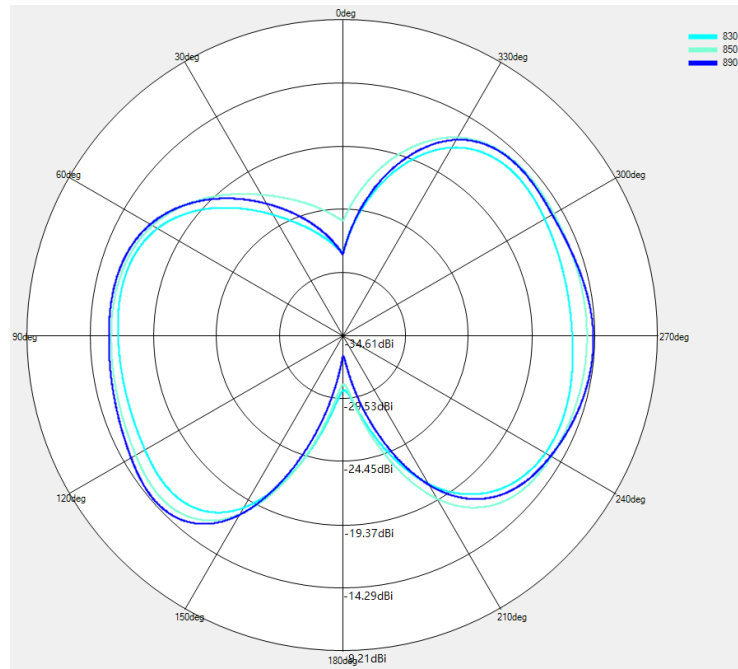
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GSM850/ WCDMA B5/LTE B5/B20 Theta=0deg



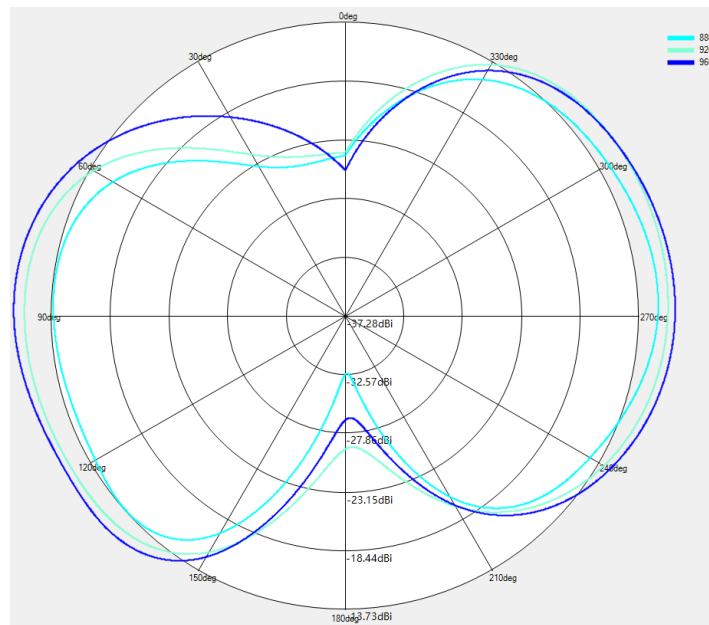
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



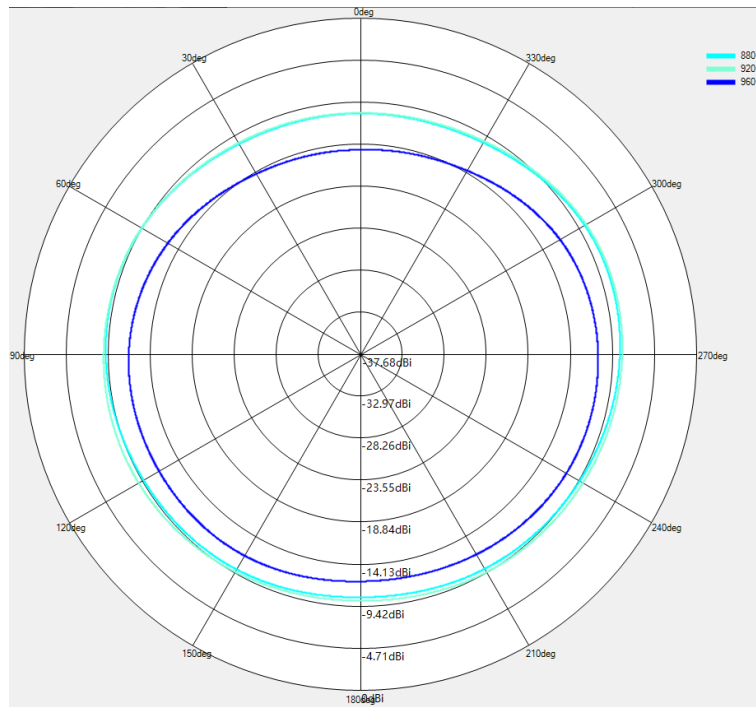
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

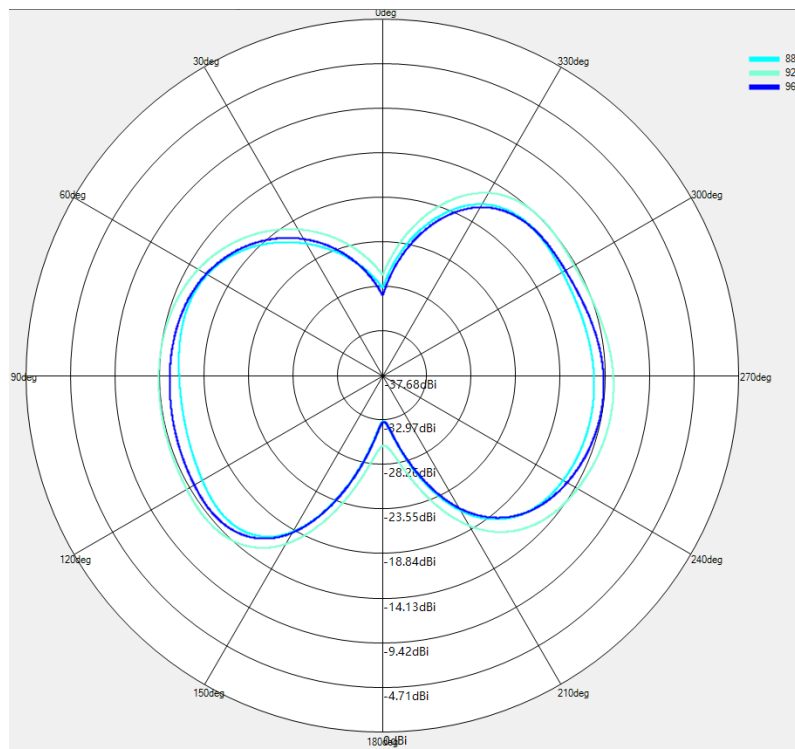
ANT0



GSM 900/WCDMA B8/LTE B8 Theta=0deg



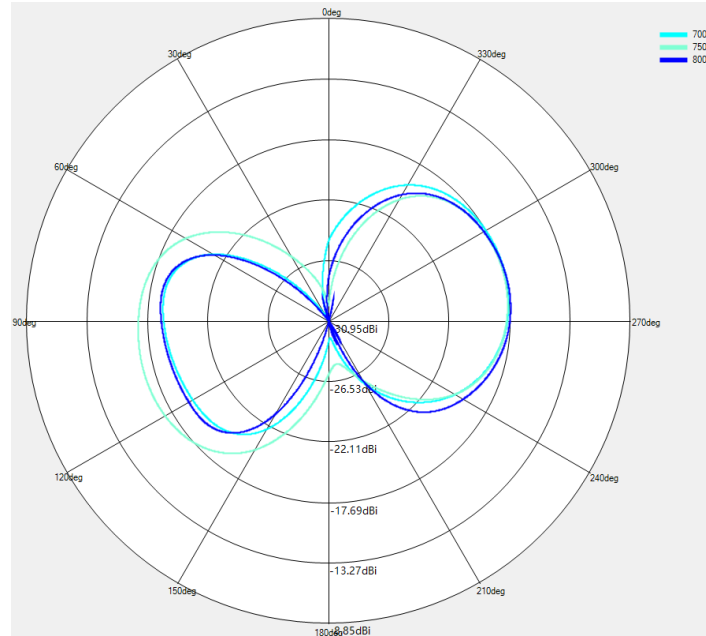
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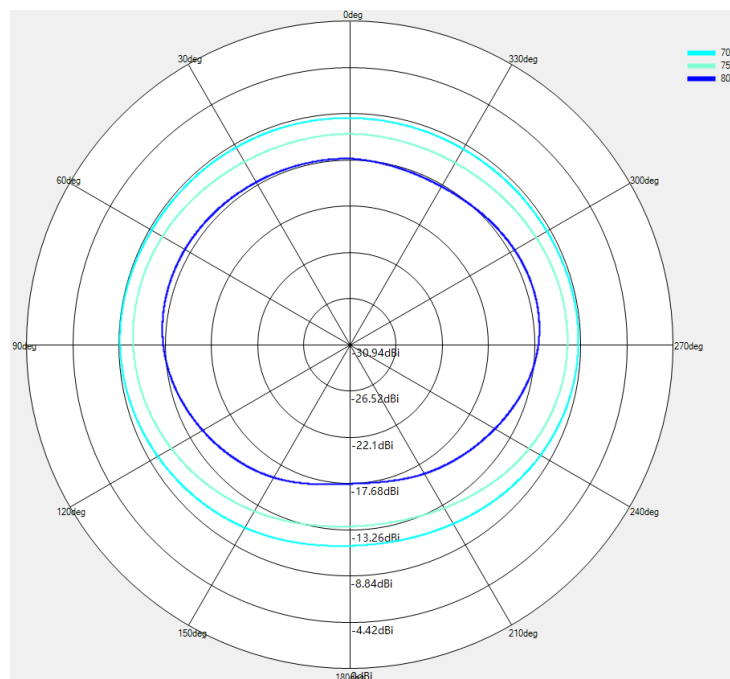
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※ Antenna Gain

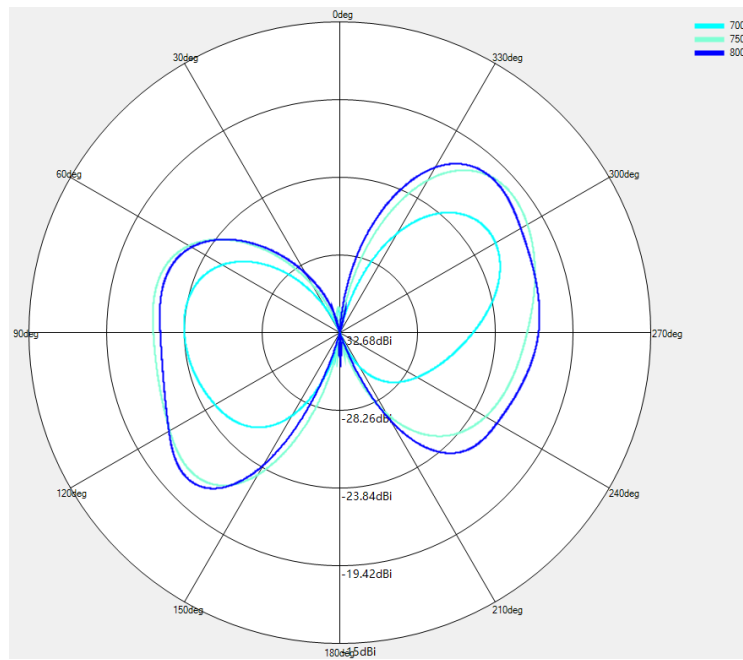
ANT0



LTE B12/B17/B28 Theta=0deg



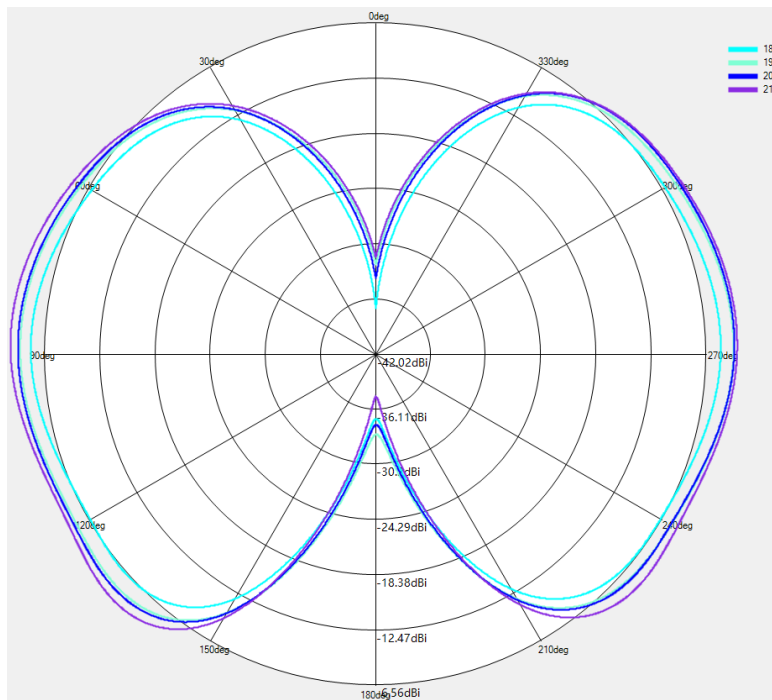
LTE B12/B17/B28 Theta=90deg



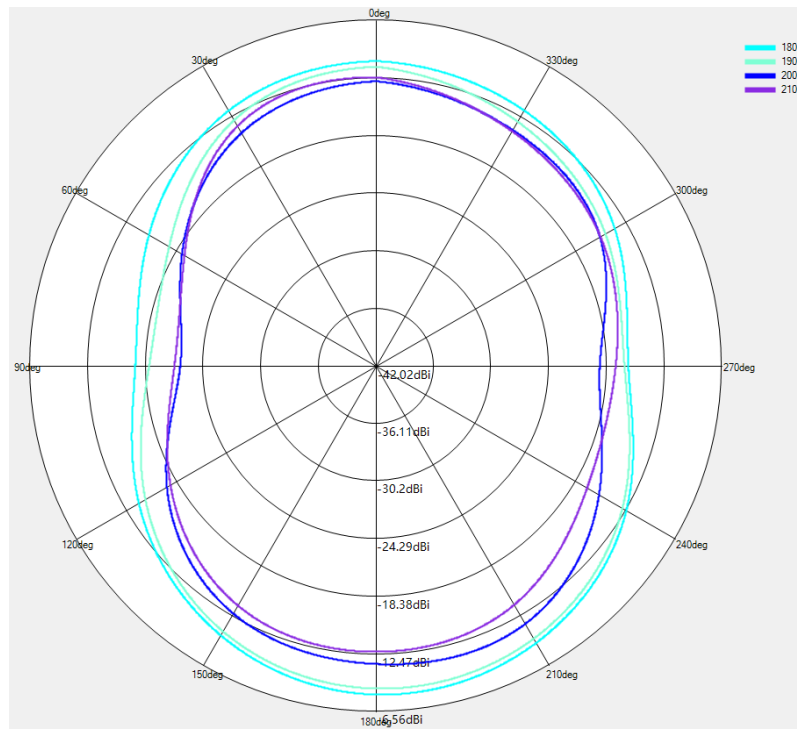
LTE B12/B17/B28 Phi=90deg

※ Antenna Gain

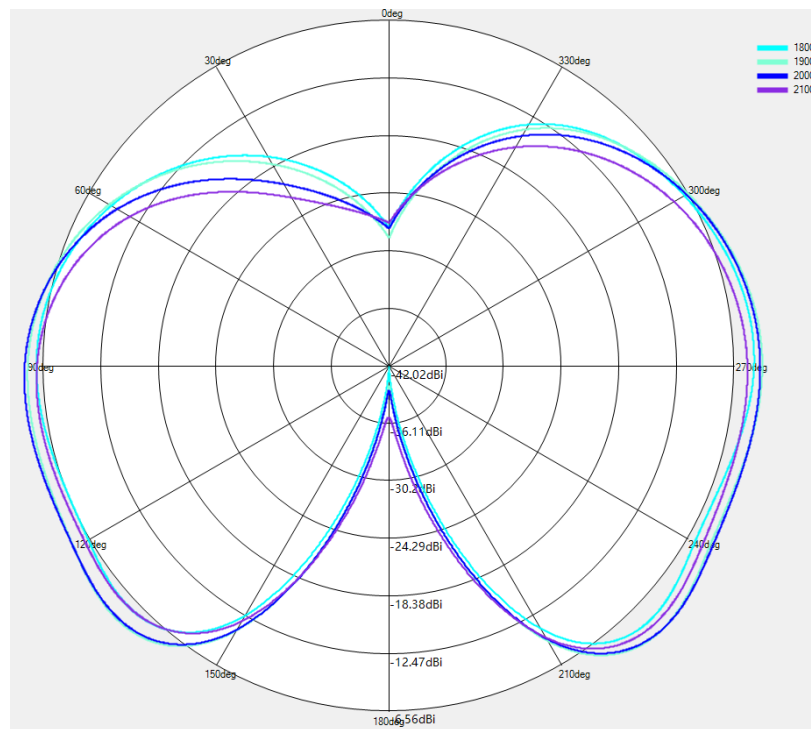
ANT4



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



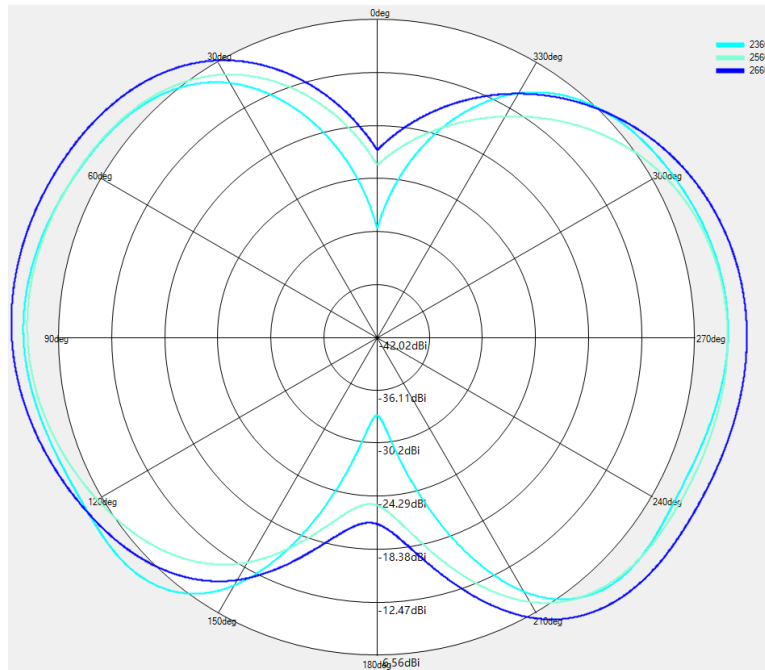
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Theta=90deg



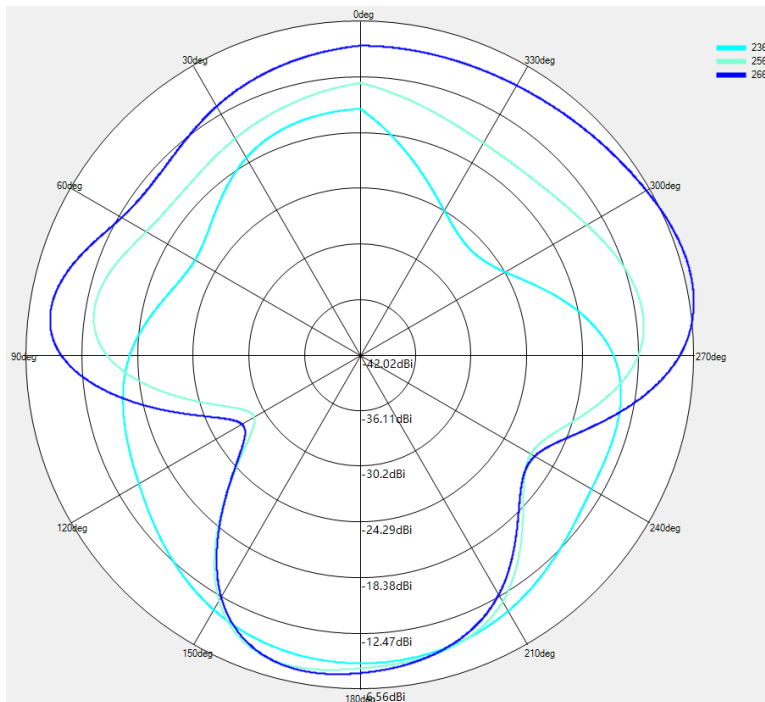
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Phi=90deg

※ Antenna Gain

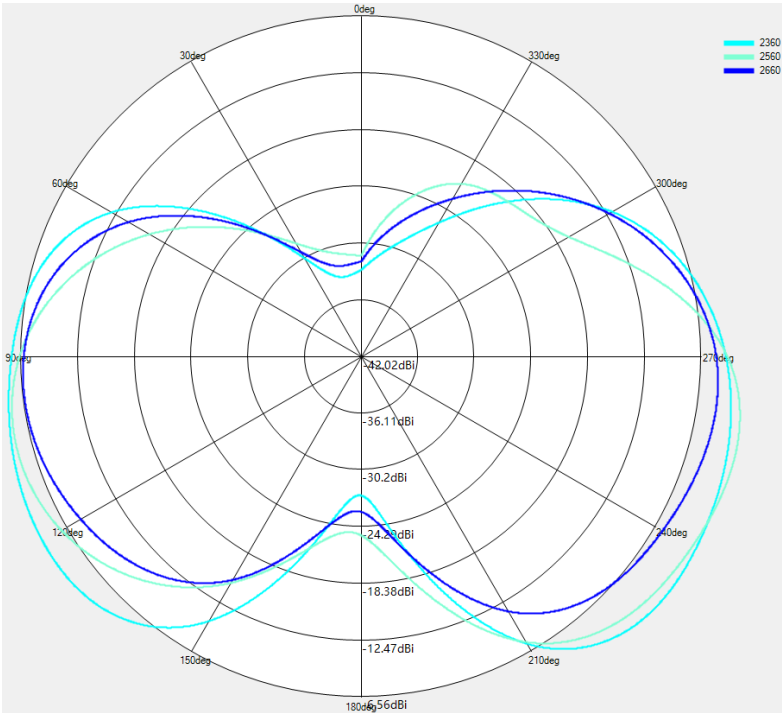
ANT4



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



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



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

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	Maoqian.yao		DATE:	2024/06/18