

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
Dongguan Guangzheng Mold Plastic Co., Ltd No. 2 Yucheng Road, Shatounan District, Chang'an Town, Dongguan City	CM6-ANT0-XX-XX CM6-ANT1-XX-XX CM6-ANT2-XX-XX CM6-ANT3-XX-XX CM6-ANT4-XX-XX CM6-ANT12-XX-XX CM6-ANT13-XX-XX CM6ANT14-XX-XX

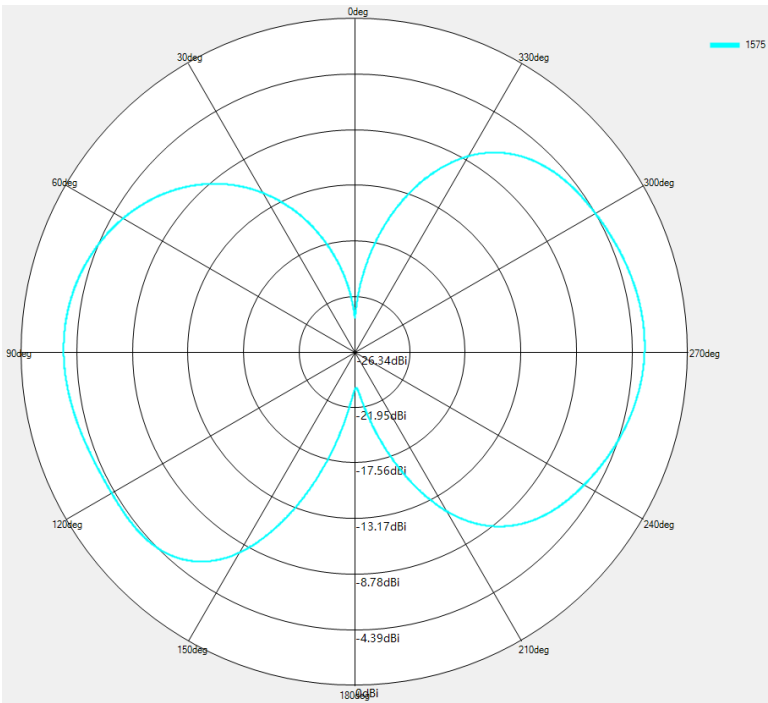
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824 – 849 MHz

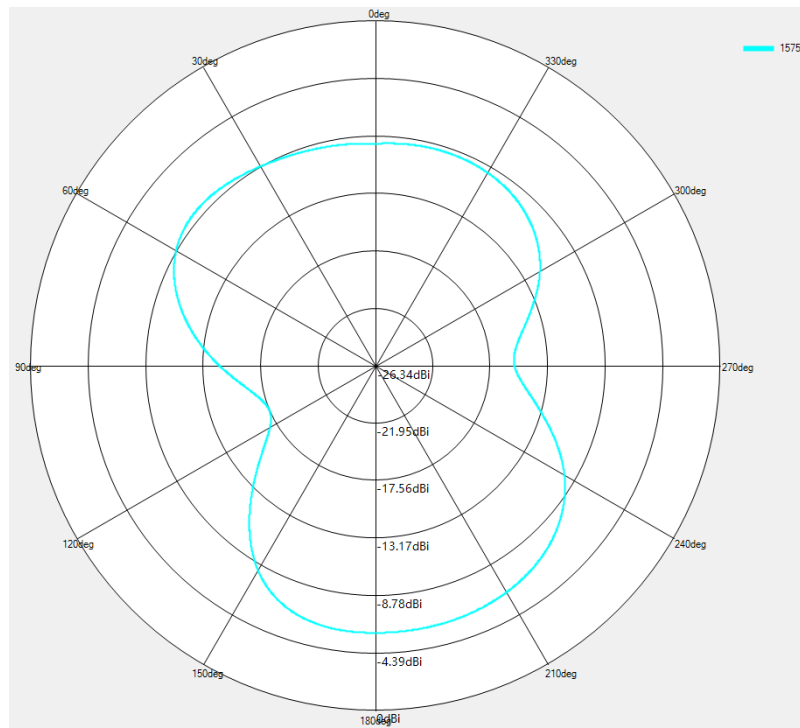
Receiver Frequency		GSM 900/WCDMA B8/LTE B8 : 880 – 915 MHz	
		DCS /WCDMA B4/LTE B3/B4: 1710 – 1785 MHz	
		PCS/WCDMA B2/LTE B2:1850-1910MHz	
		WCDMA B1/LTE B1 : 1920 – 1980MHz	
		LTE B7 :2496-2565MHz	
		LTE B40 :2300-2400MHz	
		LTE B38/B41 :2565-2645MHz	
		LTE B20 :832-862MHz	
		LTE B28 :710-755MHz	
		GSM 850/WCDMA B5/LTE B5 : 869 – 894 MHz	
		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	
		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	
		RF-Output Power (E.I.R.P)	
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	
	ANT3	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	
	ANT14	WIFI 2.4G&BT:-4. 12 dBi	
	ANT12	GPS(L1): -1.41 dBi	
	ANT13	WIFI 2.4G:-3. 37 dBi 5G: -3.19 dBi	

	ANT1	DCS/WCDMA B4/LTE B3/B4:-2.1dBi PCS/WCDMA B2/LTE B2:-2.5dBi WCDMA B1/LTE B1/B66:-2.5dBi LTE B7/B38/B41:-0.7dBi LTE B40: -1.1dBi
	ANT2	GSM 850/WCDMA B5/LTE B5:-6.9dBi GSM 900/WCDMAB8/LTE B8:-6.72dBi LTE B20:-6.9dBi LTE B12/B17/B28: -8.23dBi

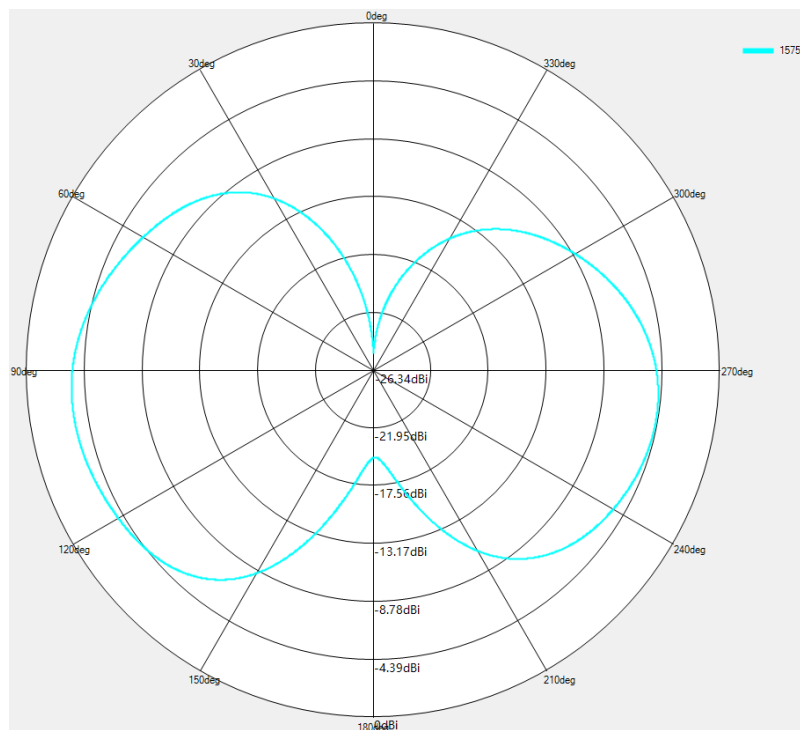
※ Antenna Gain

ANT12





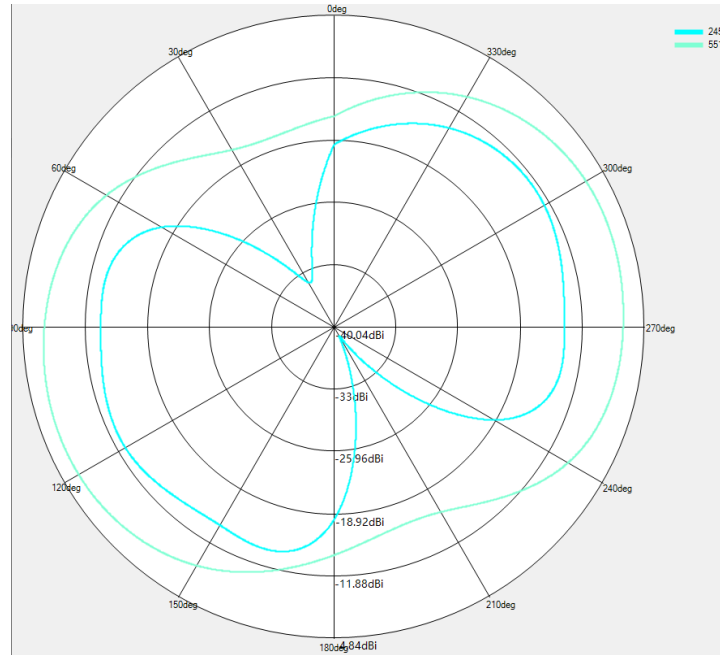
GPS Theta=90deg



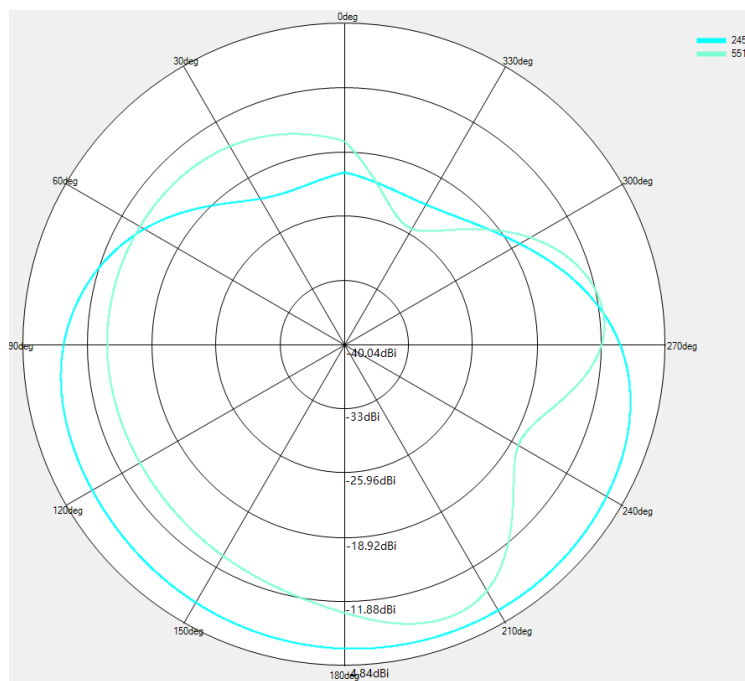
GPS Phi=90deg

※ Antenna Gain

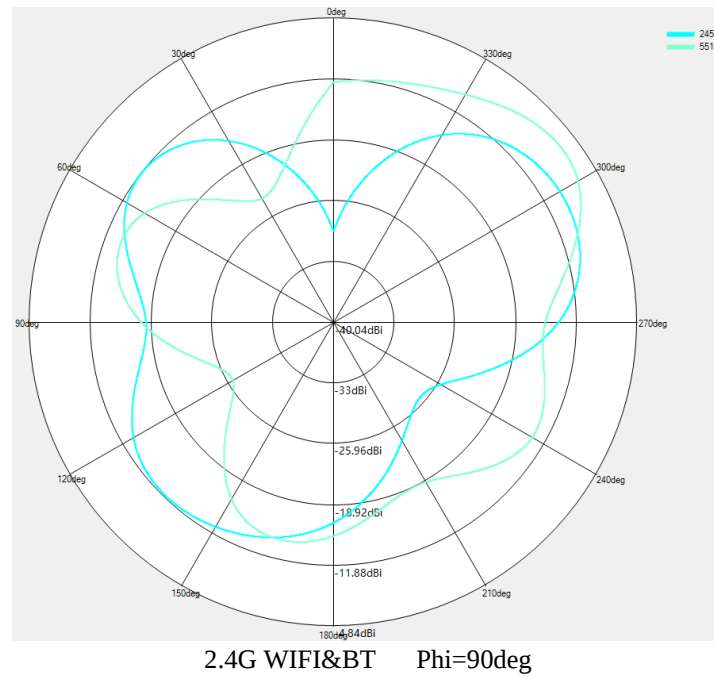
ANT14



2.4G WIFI&BT Theta=0deg

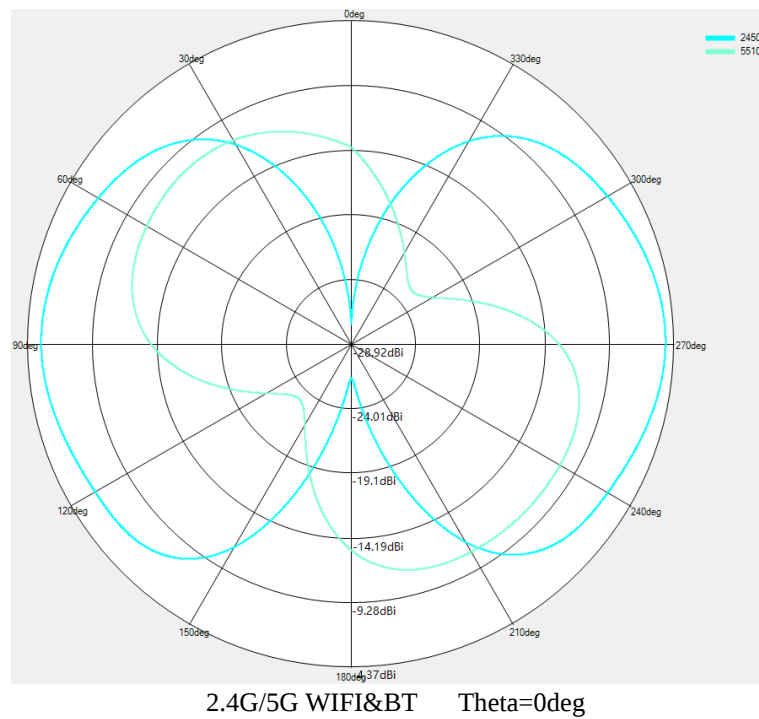


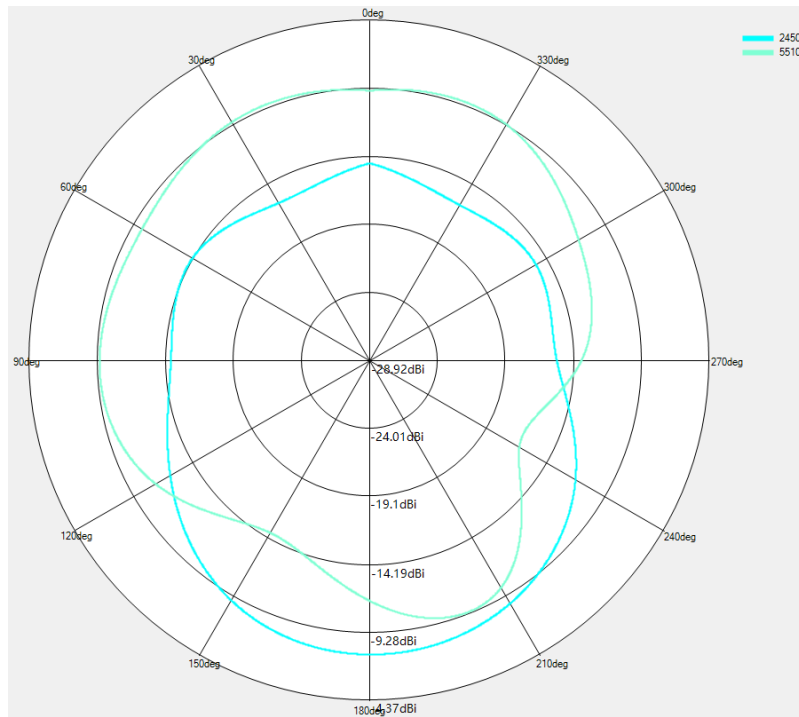
2.4G WIFI&BT Theta=90deg



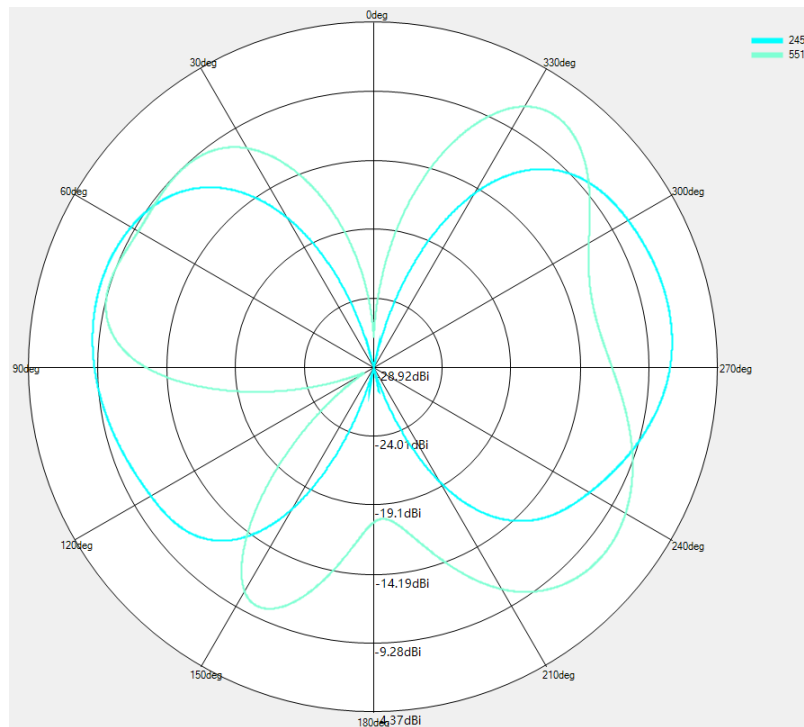
※ Antenna Gain

ANT13





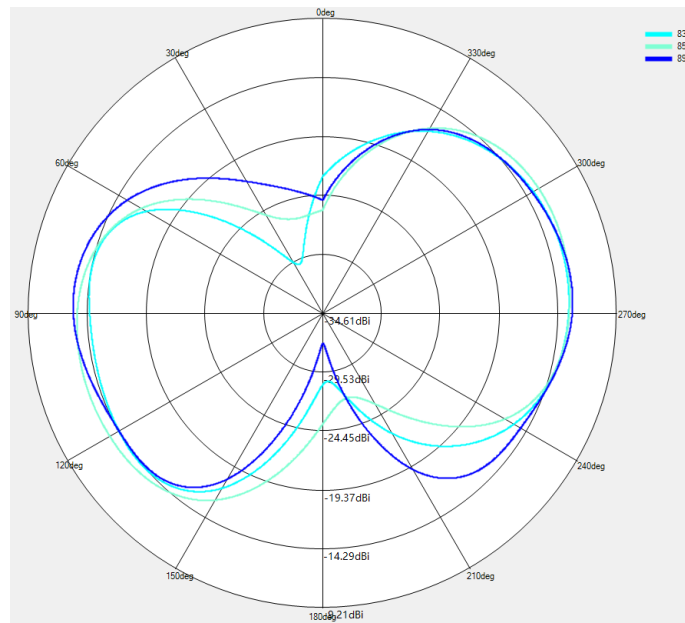
2.4G/5G WIFI&BT Theta=90deg



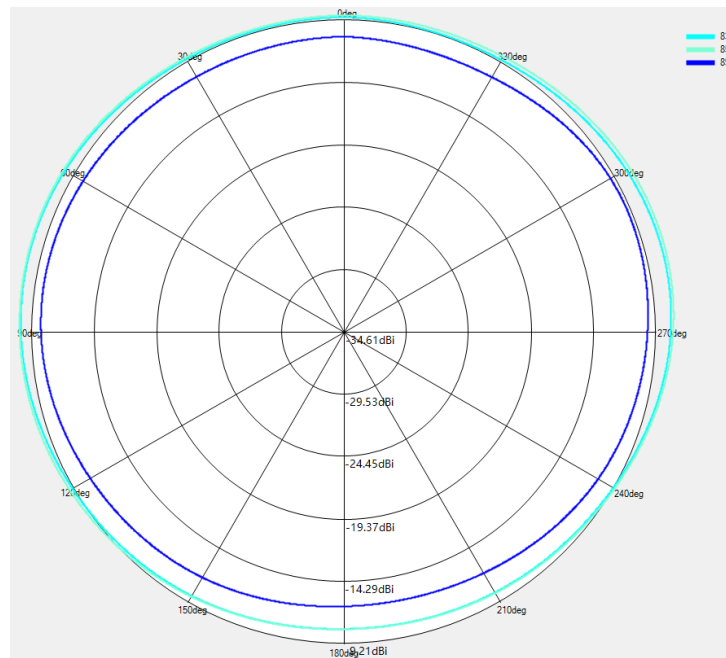
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

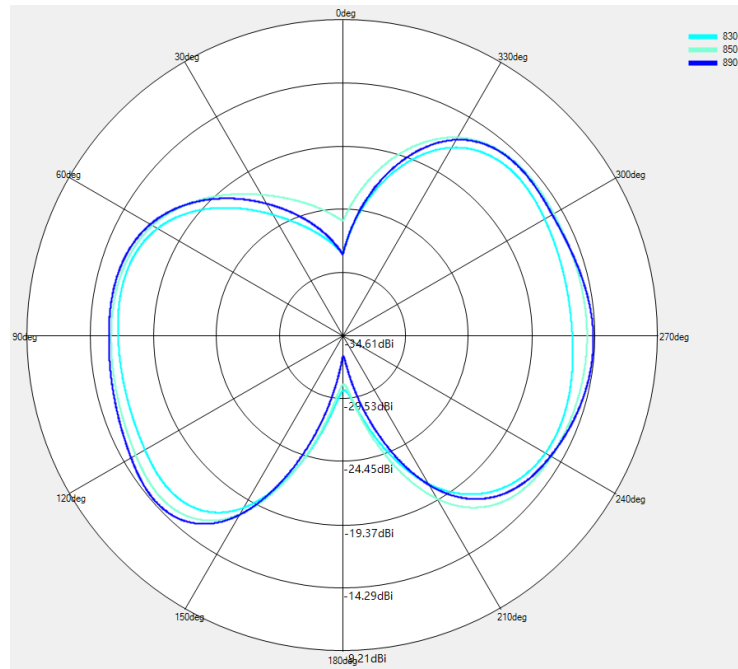
ANT0



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



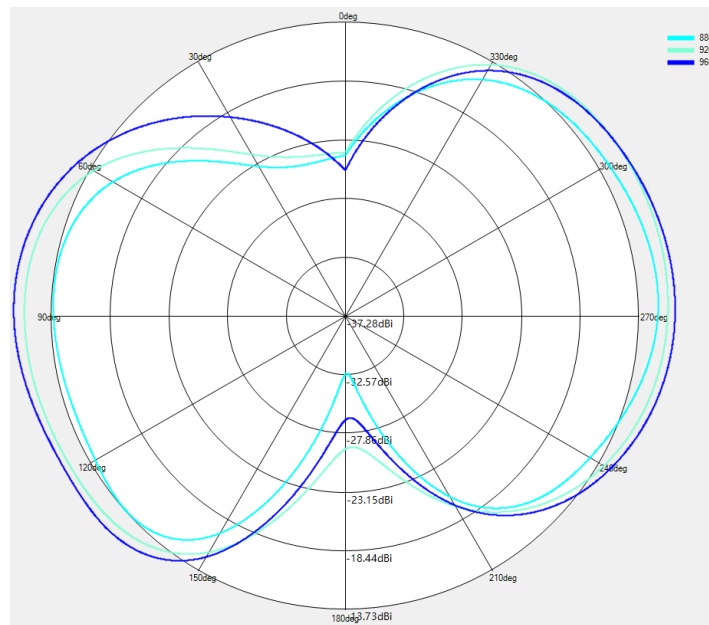
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



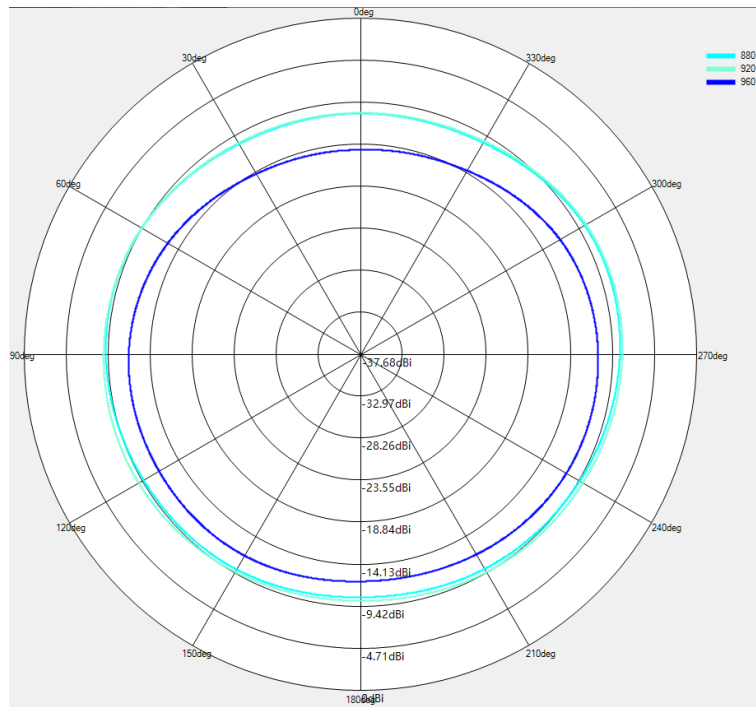
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

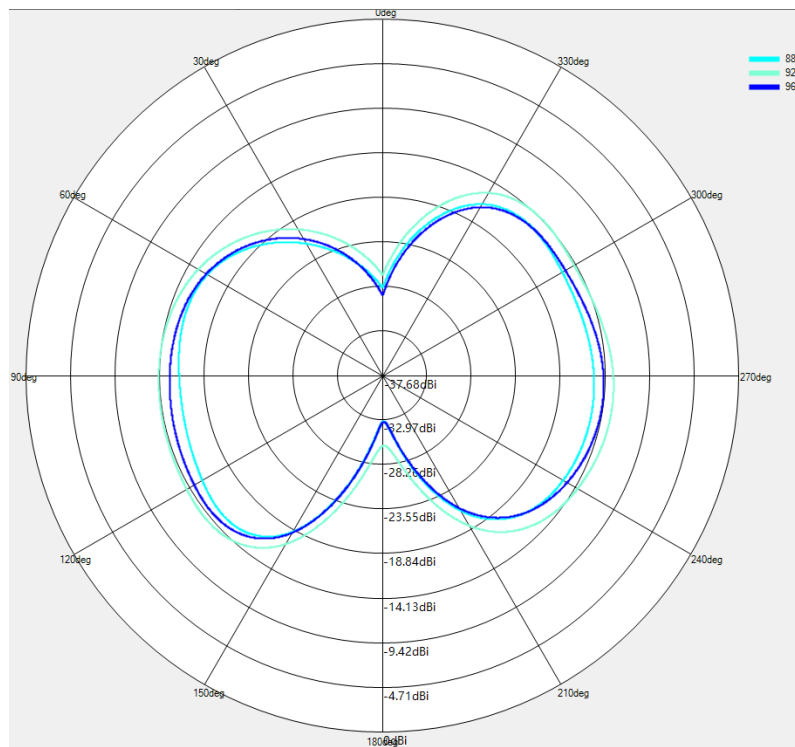
ANT0



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



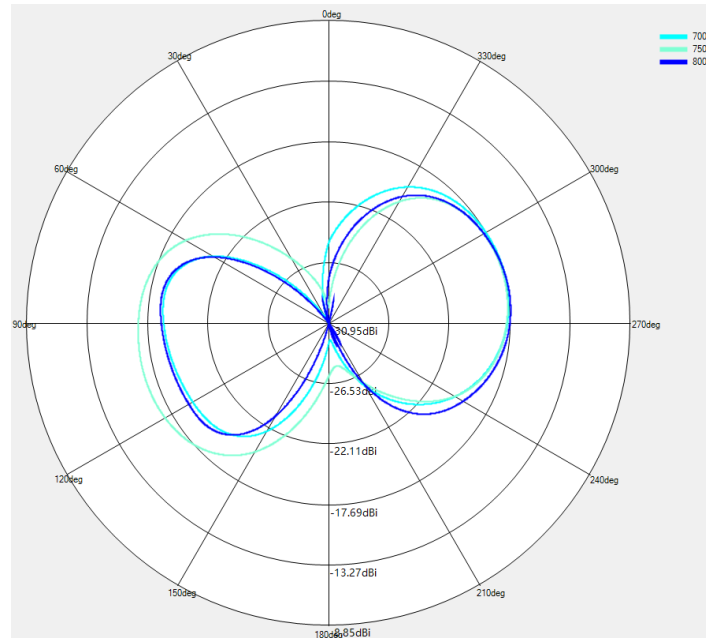
GSM 900/WCDMA B8/LTE B8 Theta=90deg



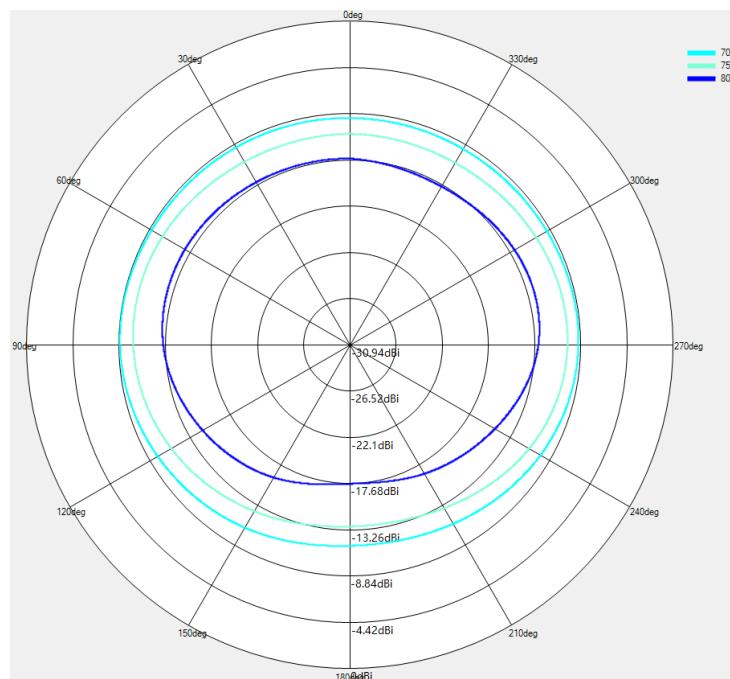
GSM 900/WCDMA B8/LTE B8 Phi=90deg

※ Antenna Gain

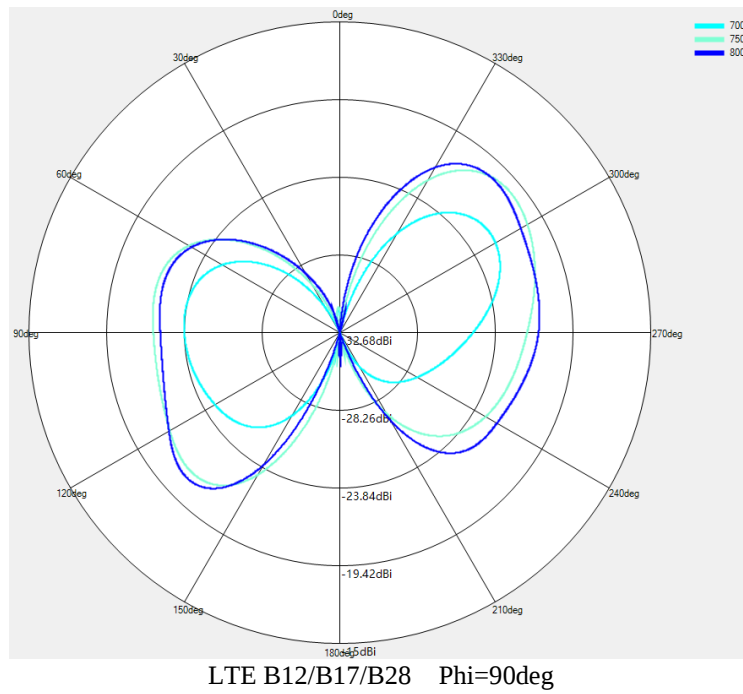
ANT0



LTE B12/B17/B28 Theta=0deg

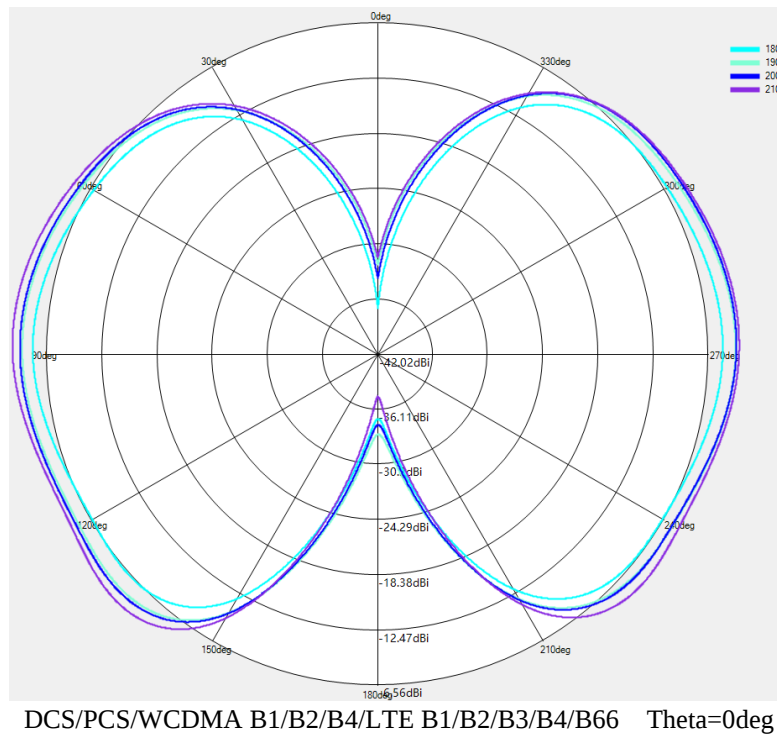


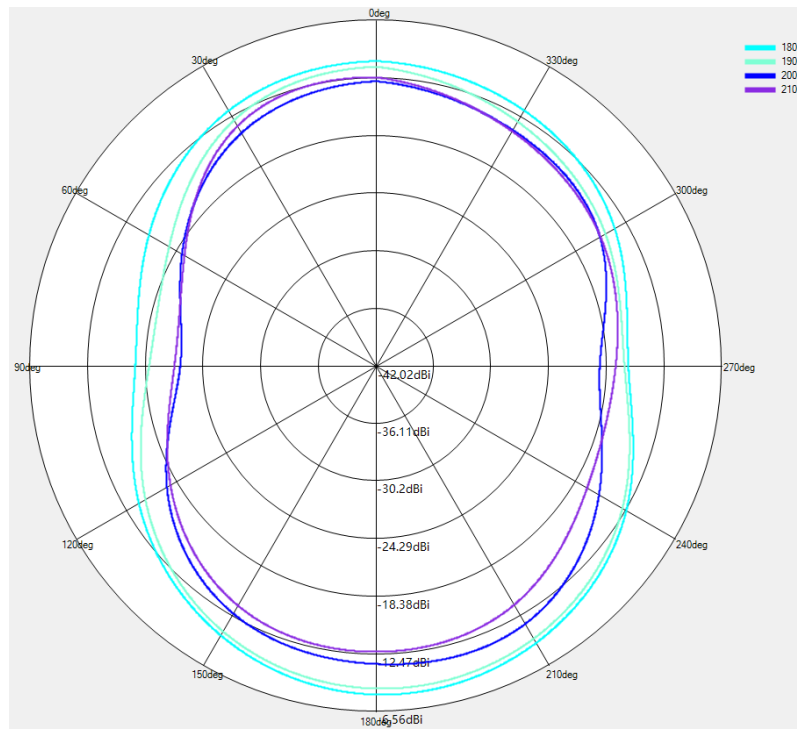
LTE B12/B17/B28 Theta=90deg



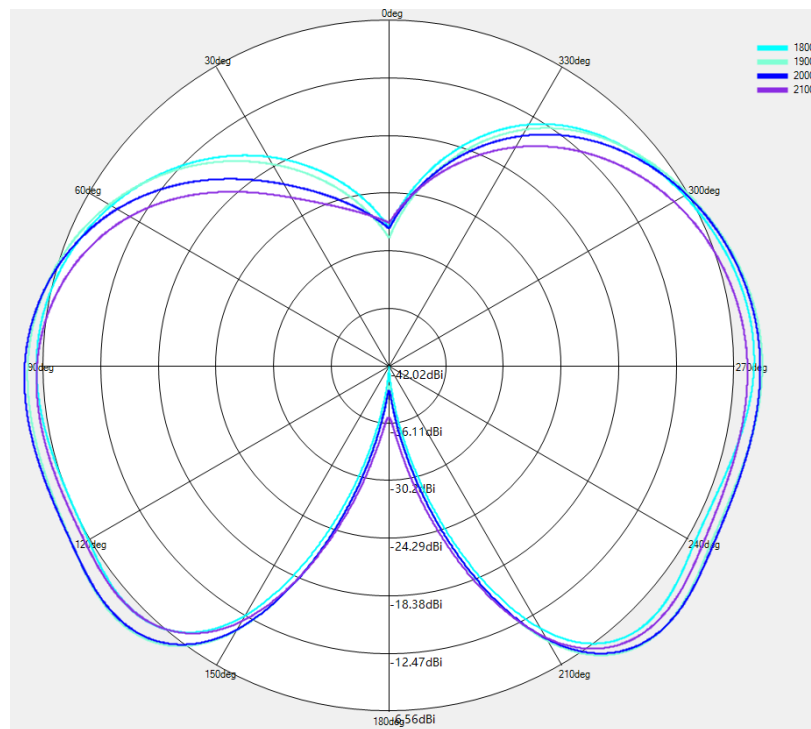
※ Antenna Gain

ANT3





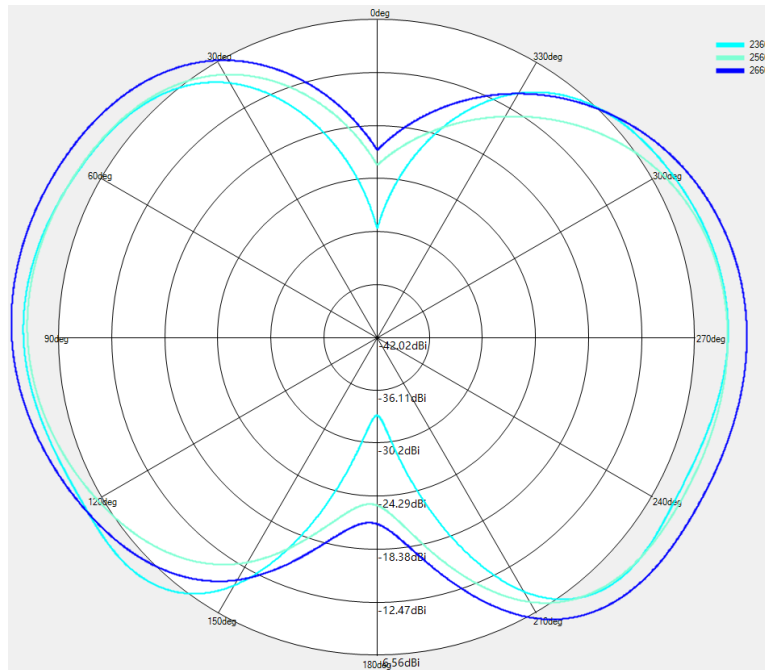
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Theta=90deg



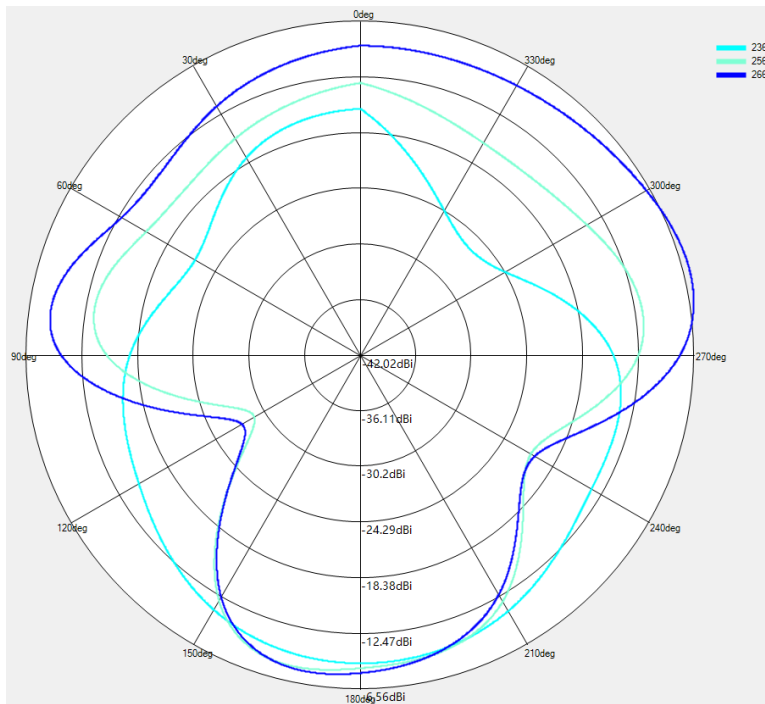
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Phi=90deg

※ Antenna Gain

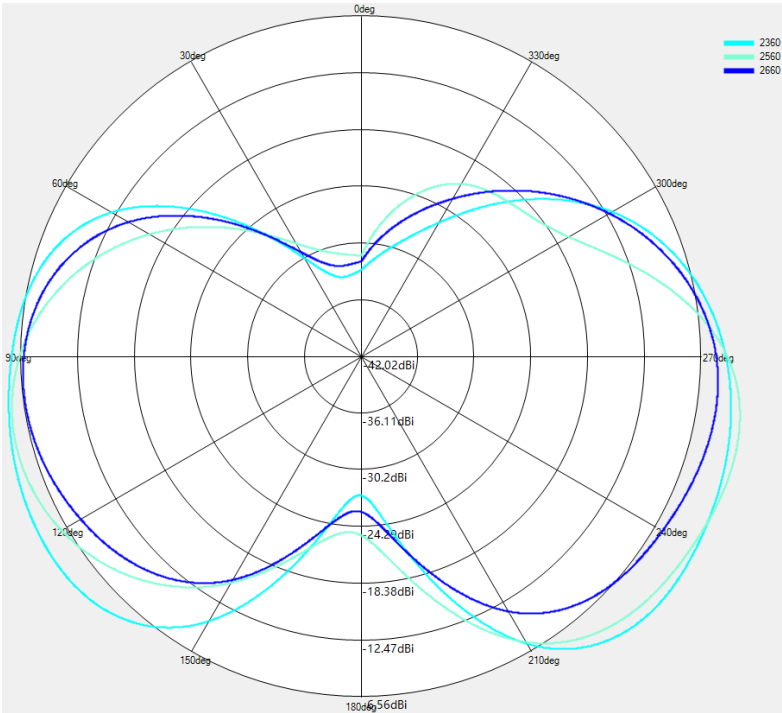
ANT3



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



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



LTE B7/B38/B40/B41 $\Phi=90^\circ$

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Peitian.zhang		DATE:	2024/09/26