

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/B20/B28/B38/B40/B41(120M)

Name and address of the antenna manufacturer	Model number of the antenna
<p style="text-align: center;">Dongguan Guangzheng Mold Plastic Co., Ltd</p> <p style="text-align: center;">No. 2 Yucheng Road, Shatounan District, Chang'an Town, Dongguan City</p>	<p style="text-align: center;">X6880-ANT0 X6880-ANT1 X6880-ANT2 X6880-ANT3 X6880-ANT12 X6880-ANT13 X6880-ANT14</p>

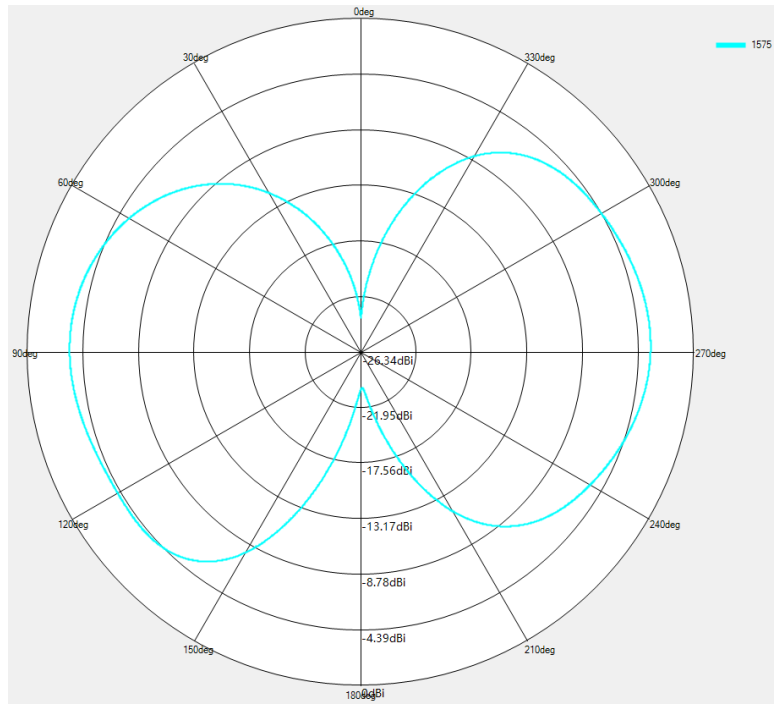
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824 - 849 MHz

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)		GSM 850/WCDMA B5/LTE B5 : -6.89 dBi
				GSM 900/WCDMA B8/LTE B8 : -6.14 dBi
				LTE B20: -6.89 dBi
LTE B28 : -7.95 dBi				
DCS /WCDMA B4/LTE B3/B4: -2.7 dBi				
PCS/WCDMA B2/LTE B2: -2.8 dBi				
WCDMA B1/LTE B1 : -2.8 dBi				
LTE B7/B38/B41 : -0.88 dBi				
LTE B40 : -1.34 dBi				
GPS(L1): -1.41 dBi				
WIFI 2.4G:-4.12 dBi 5G: -4.19 dBi				
BT:-4.12 dBi				
WIFI 2.4G:-2.4 dBi 5G: -3.19 dBi				
Antenna Gain				GSM 850/WCDMA B5/LTE B5 : -6.89 dBi
		GSM 900/WCDMA B8/LTE B8 : -6.14 dBi		
		LTE B20: -6.89 dBi		
		LTE B28 : -7.95 dBi		
		DCS /WCDMA B4/LTE B3/B4: -2.7 dBi		
		PCS/WCDMA B2/LTE B2: -2.8 dBi		
		WCDMA B1/LTE B1 : -2.8 dBi		
		LTE B7/B38/B41 : -0.88 dBi		
		LTE B40 : -1.34 dBi		
		GPS(L1): -1.41 dBi		
		WIFI 2.4G:-4.12 dBi 5G: -4.19 dBi		
		BT:-4.12 dBi		
		WIFI 2.4G:-2.4 dBi 5G: -3.19 dBi		
		ANT0		GSM 850/WCDMA B5/LTE B5 : -6.89 dBi
ANT0		GSM 900/WCDMA B8/LTE B8 : -6.14 dBi		
ANT0		LTE B20: -6.89 dBi		
ANT0		LTE B28 : -7.95 dBi		
ANT1		DCS /WCDMA B4/LTE B3/B4: -2.7 dBi		
ANT1		PCS/WCDMA B2/LTE B2: -2.8 dBi		
ANT1		WCDMA B1/LTE B1 : -2.8 dBi		
ANT1		LTE B7/B38/B41 : -0.88 dBi		
ANT1		LTE B40 : -1.34 dBi		
ANT12		GPS(L1): -1.41 dBi		
ANT13		WIFI 2.4G:-4.12 dBi 5G: -4.19 dBi		
ANT13		BT:-4.12 dBi		
ANT14		WIFI 2.4G:-2.4 dBi 5G: -3.19 dBi		

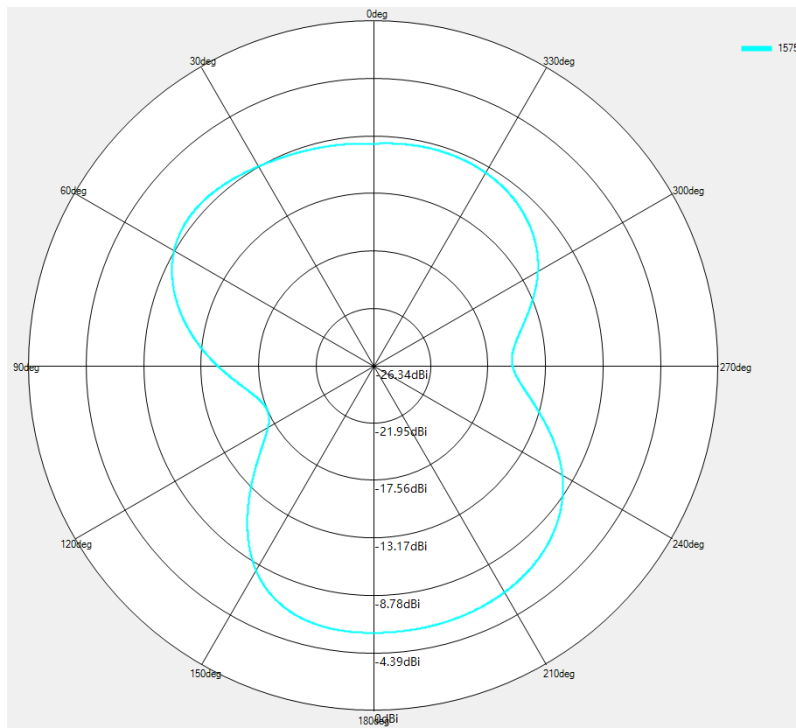
		BT:-2.4 dBi
Type of Modulation		

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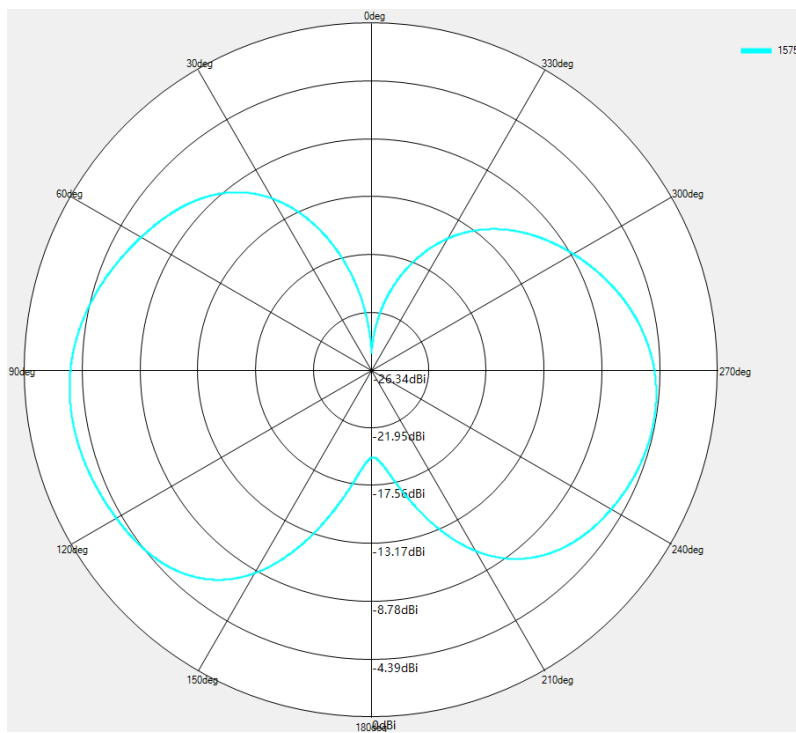
ANT12



GPS Theta=0deg



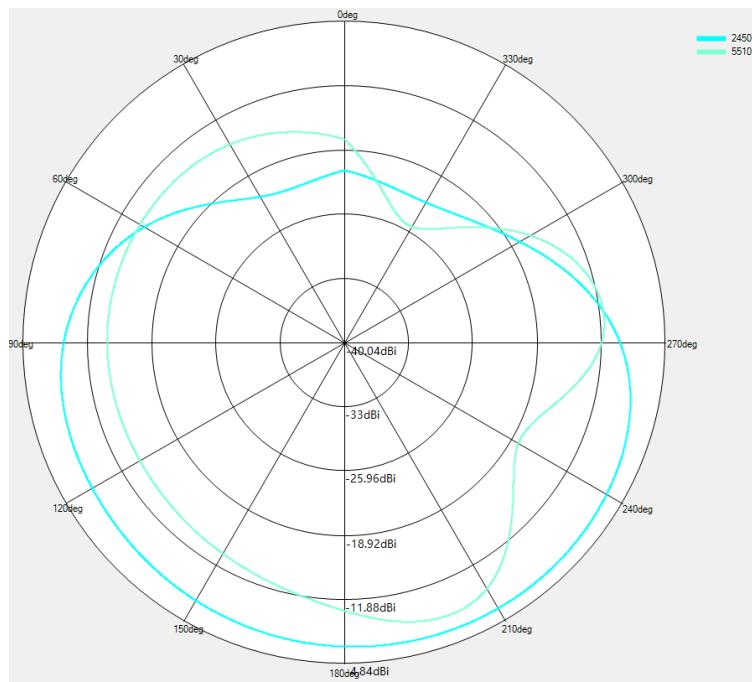
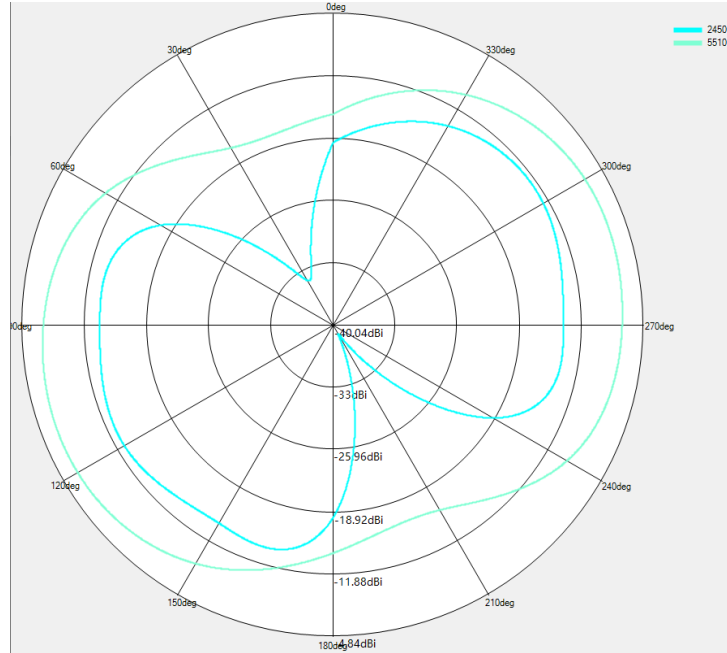
GPS $\Theta = 90^\circ$

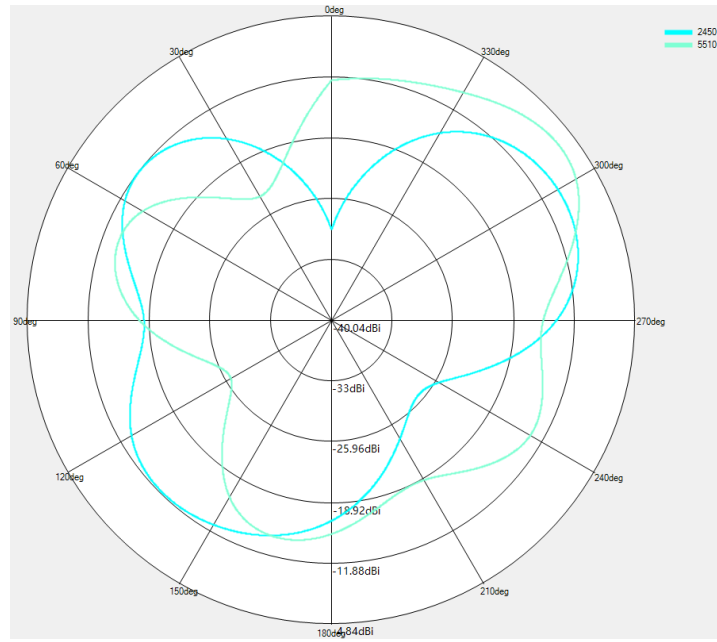


GPS $\Phi = 90^\circ$

※ Antenna Gain

ANT14

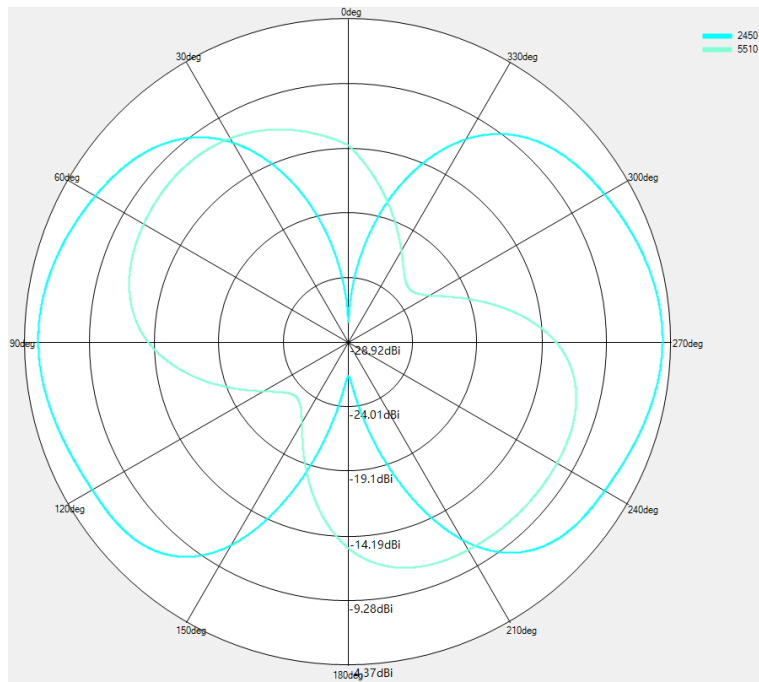




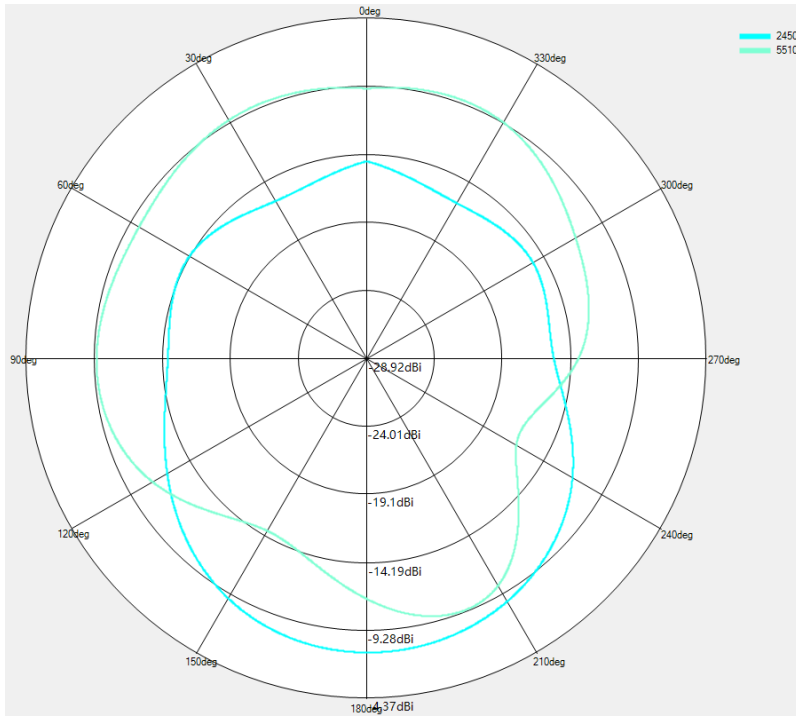
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

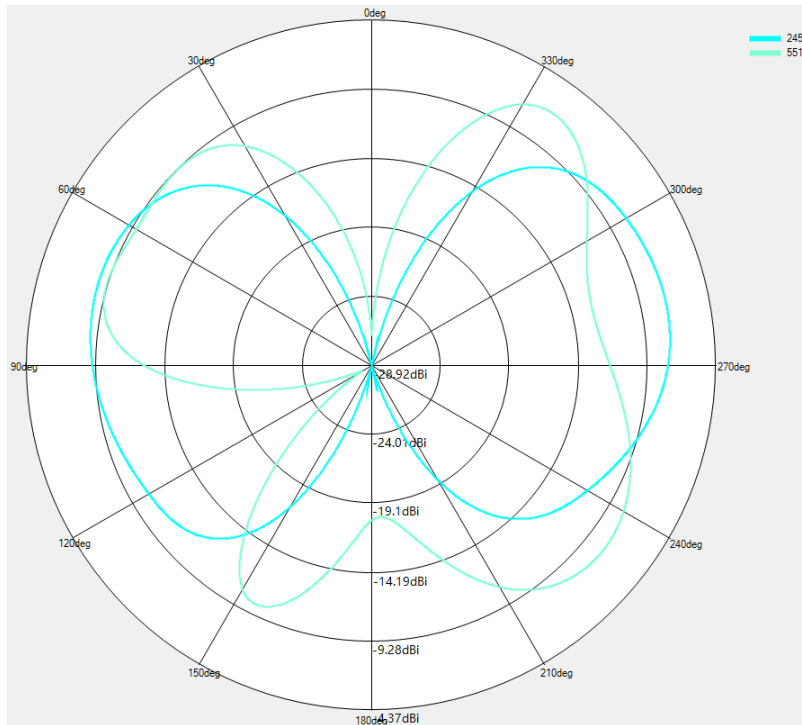
ANT13



2.4GWIFI&BT Theta=0deg



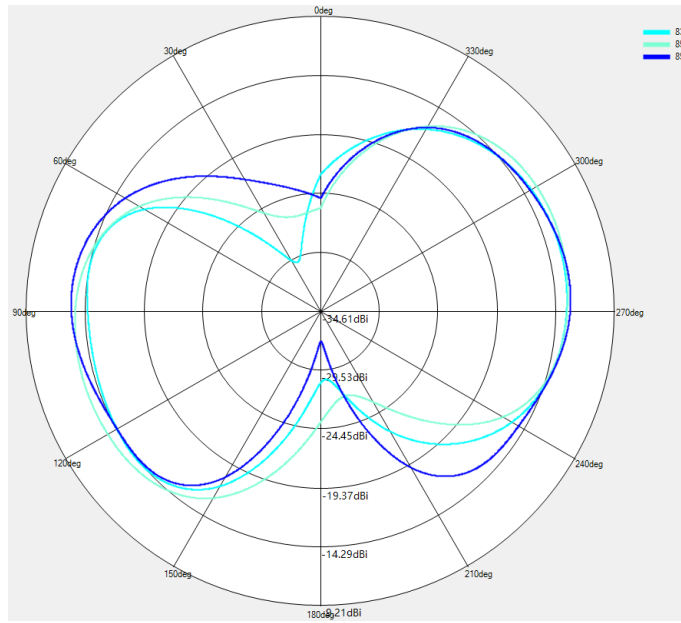
2.4G WIFI&BT $\Theta = 90^\circ$



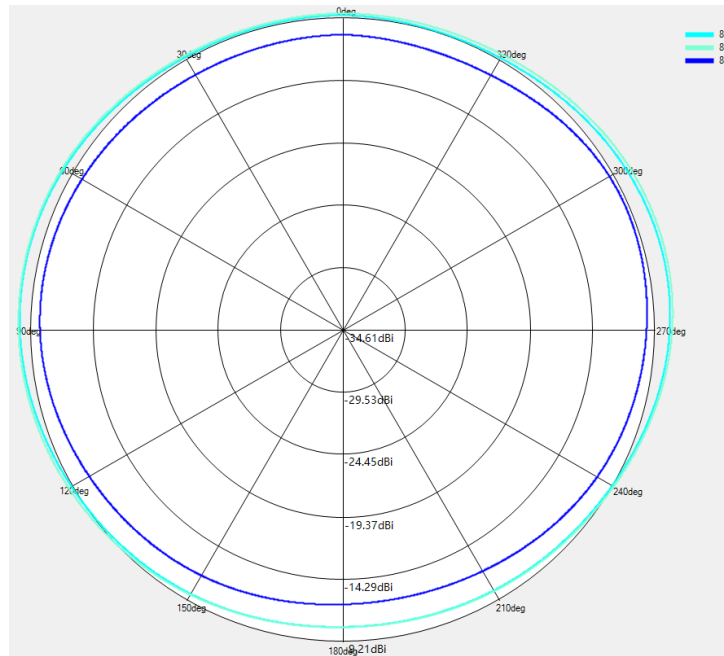
2.4G WIFI&BT $\Phi = 90^\circ$

※ Antenna Gain

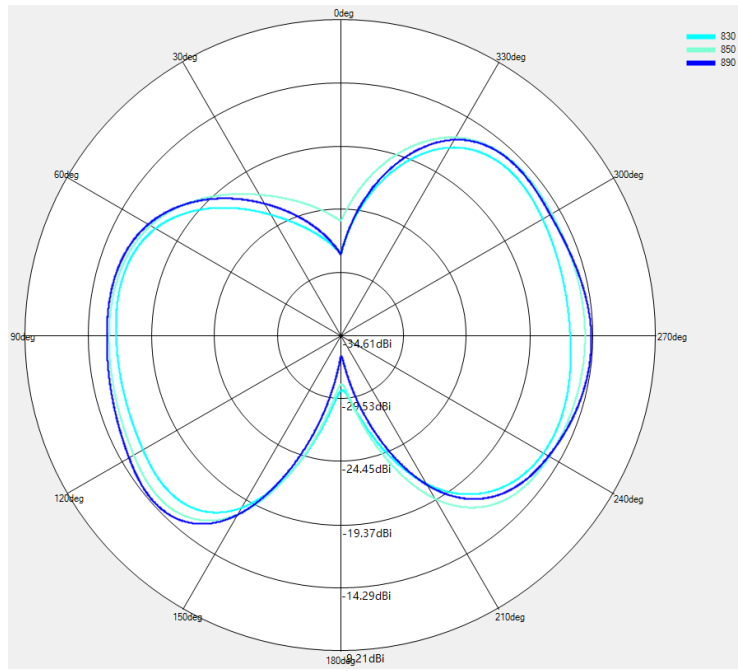
ANT1



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



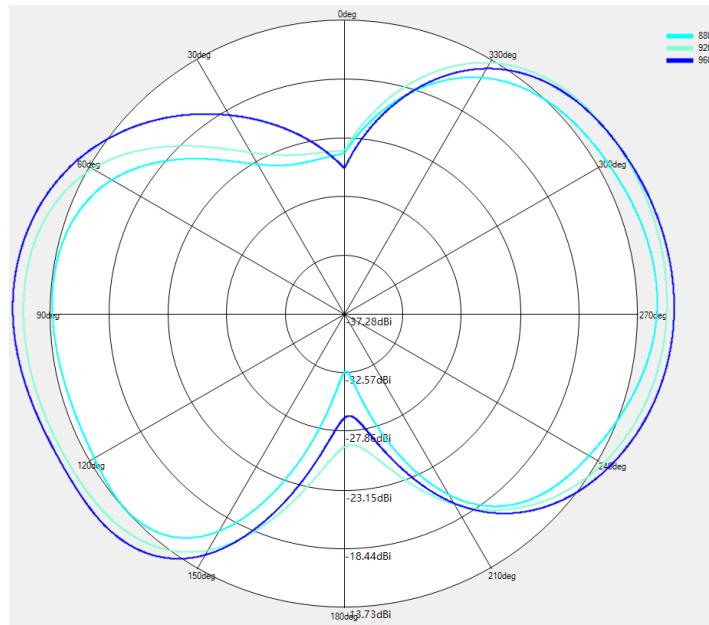
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



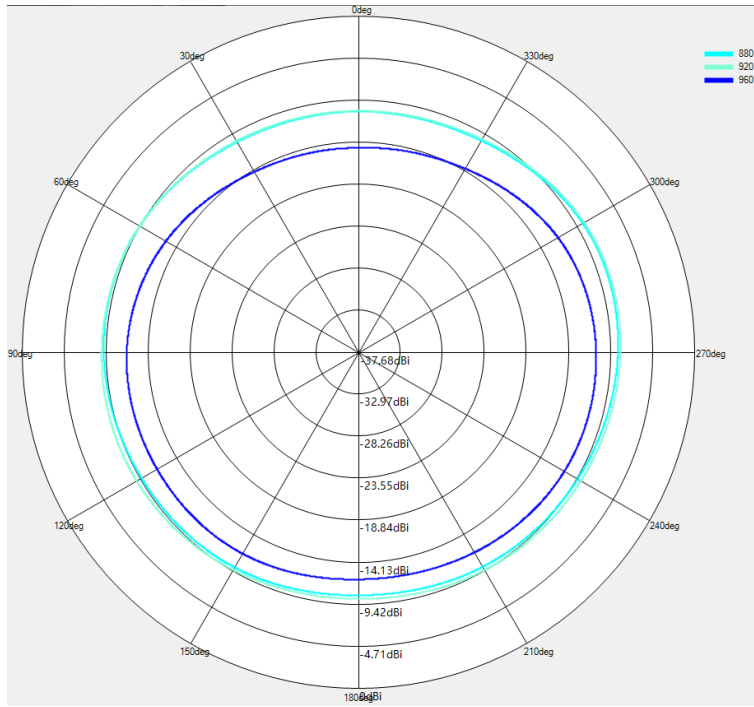
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

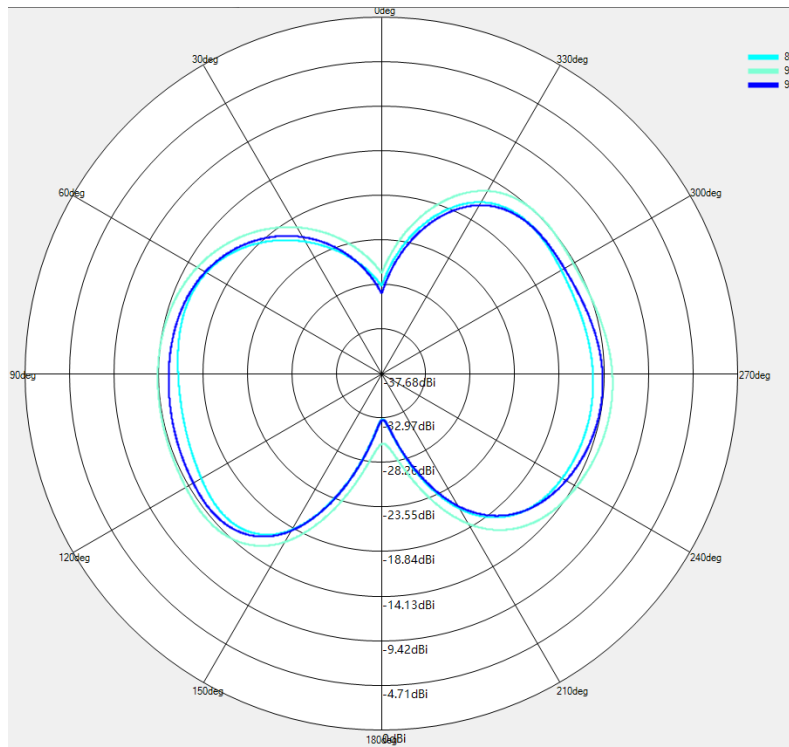
ANT1



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



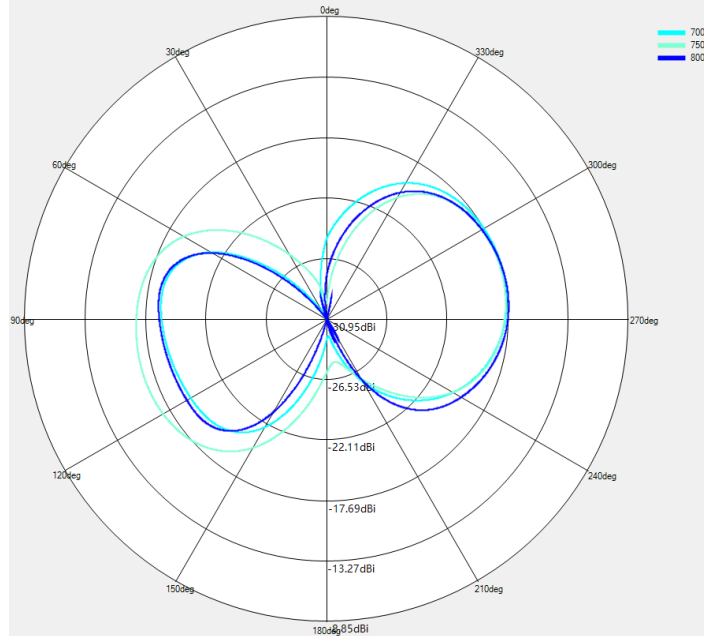
GSM 900/WCDMA B8/LTE B8 Theta=90deg



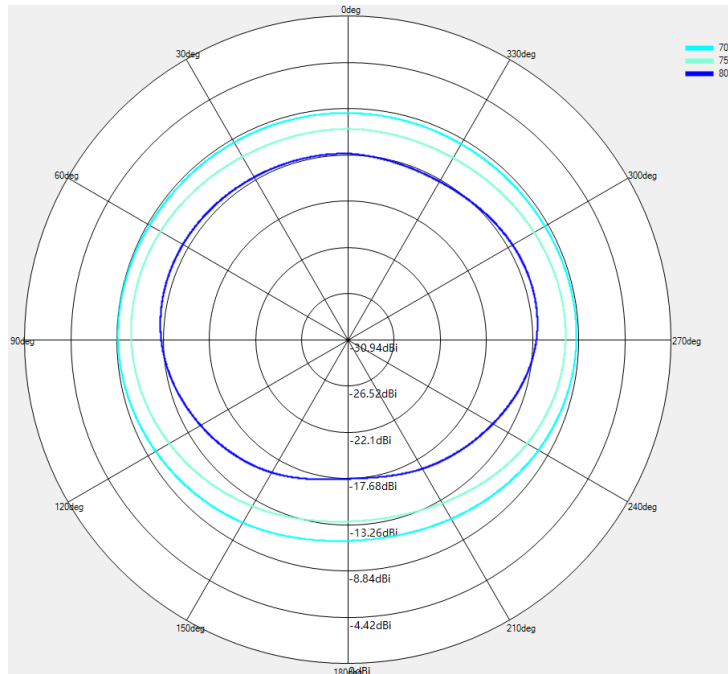
GSM 900/WCDMA B8/LTE B8 Phi=90deg

※ Antenna Gain

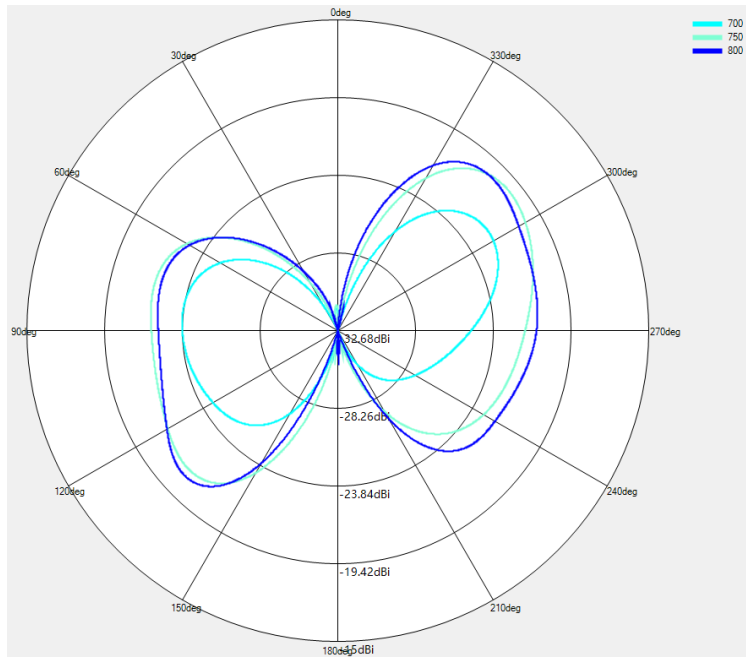
ANT1



LTE B28 Theta=0deg



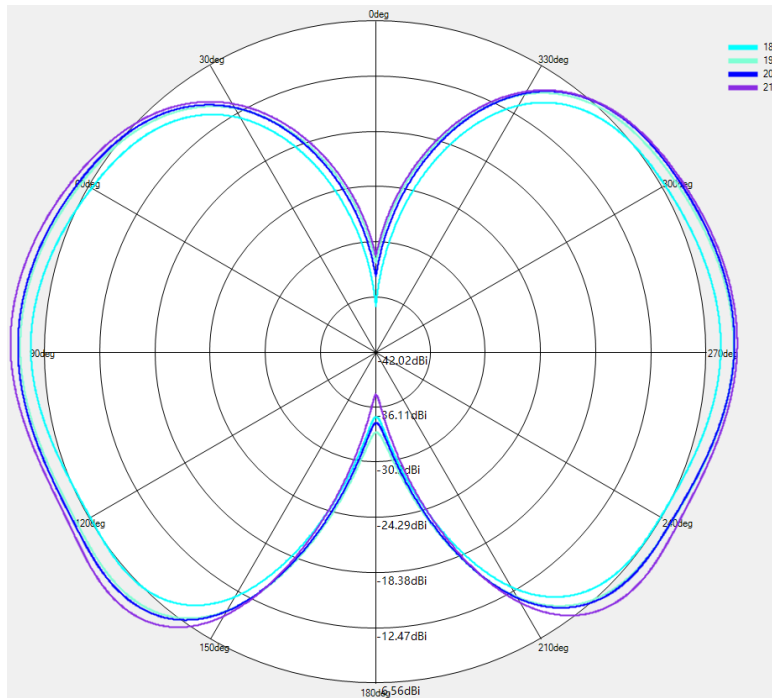
LTE B28 Theta=90deg



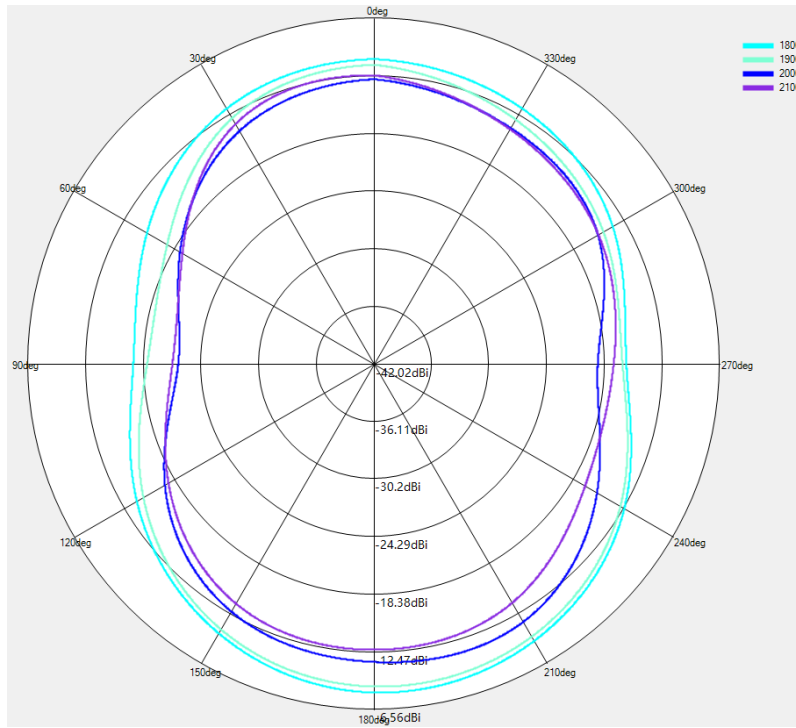
LTE B28 Phi=90deg

※ Antenna Gain

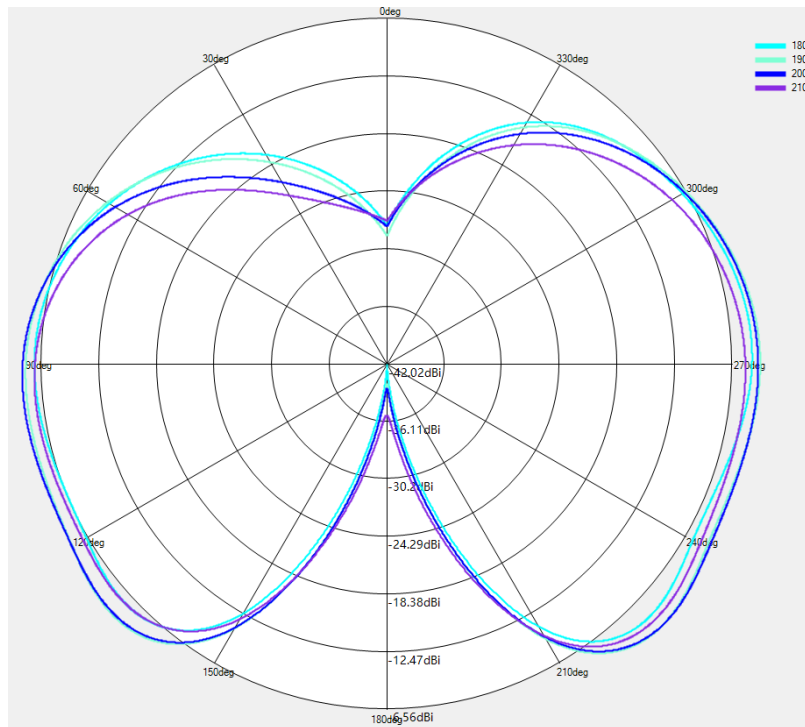
ANT0



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



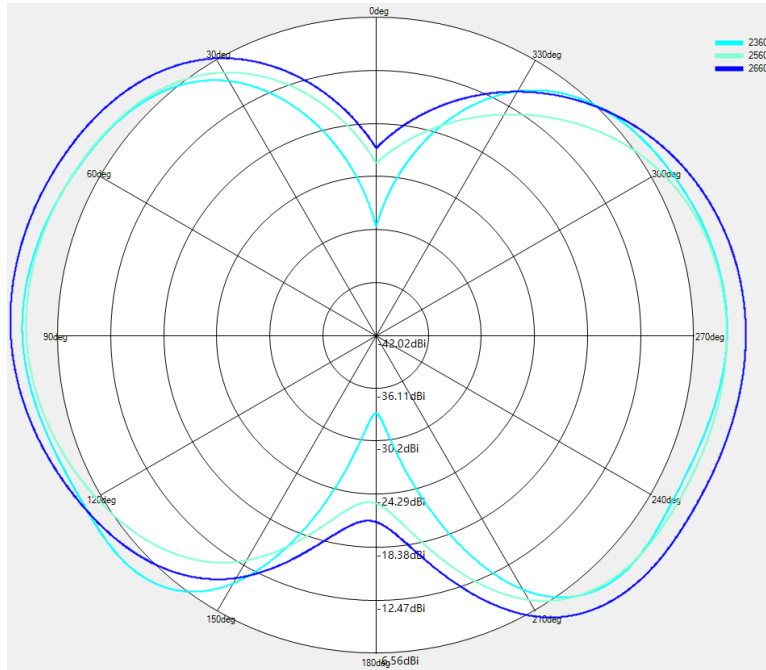
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4 Theta=90deg



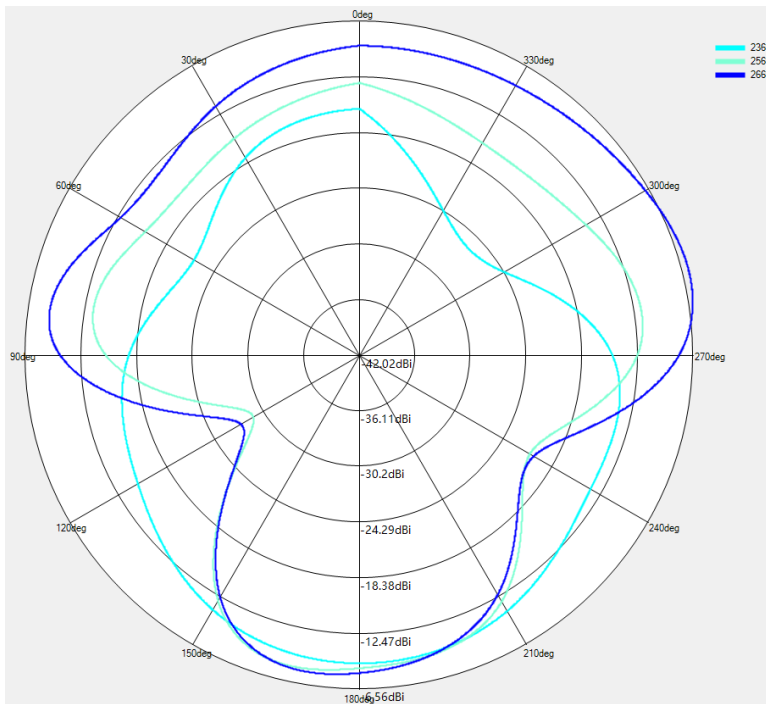
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4 Phi=90deg

※ Antenna Gain

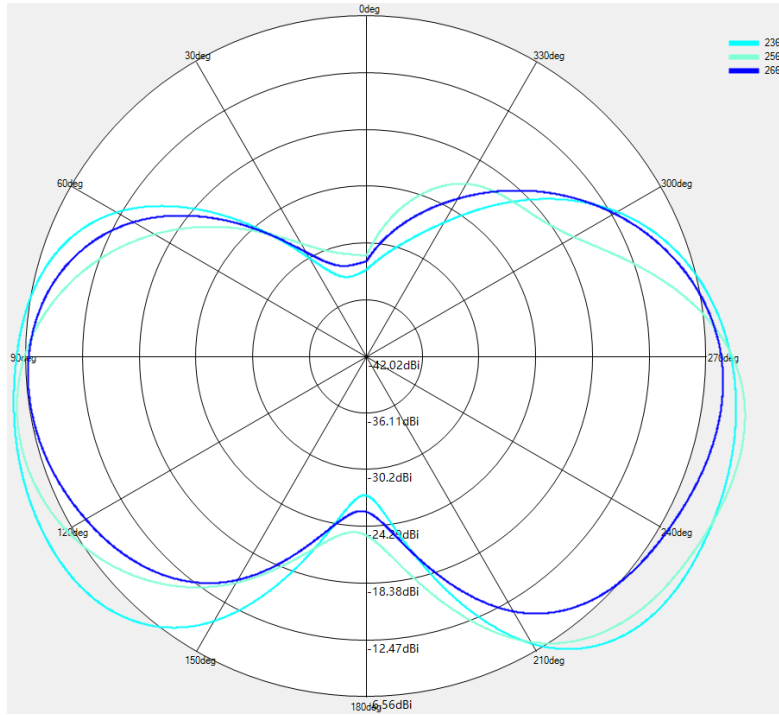
ANT0



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



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



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

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Peitian.zhang		DATE:	2024/03/27