

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

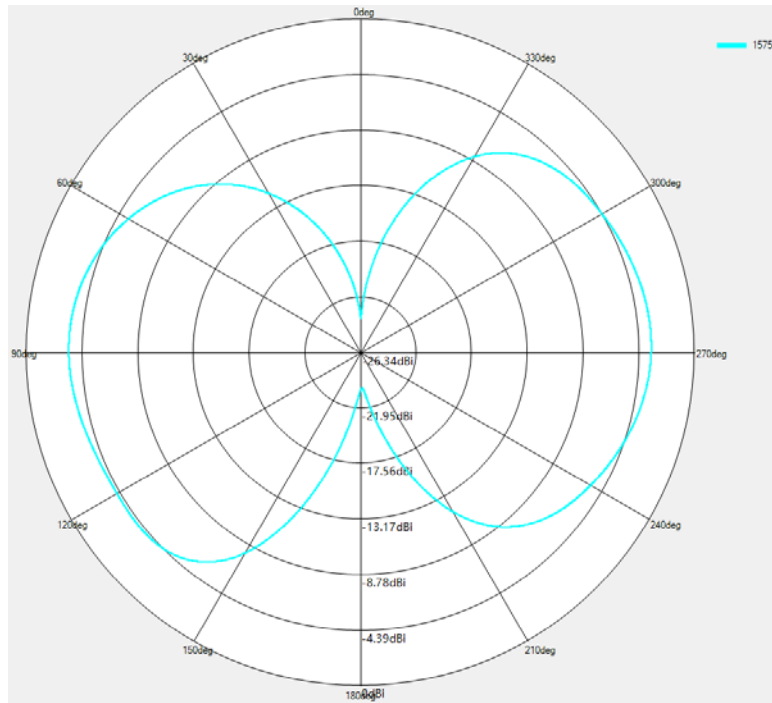
Name and address of the antenna manufacturer	Model number of the antenna
<p style="text-align: center;">Dongguan Guangzheng Mold Plastic Co., Ltd No. 2 Yucheng Road, Shatounan District, Chang'an Town, Dongguan City</p>	<p style="text-align: center;">X6731B-ANT0 X6731B-ANT1 X6731B-ANT2 X6731B-ANT3 X6731B-ANT4 X6731B-ANT12 X6731B-ANT13 X6731B-ANT14</p>

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
Receiver Frequency	GSM 850/WCDMA B5/LTE B5 : 869 - 894 MHz
	GSM 900/WCDMA B8/LTE B8 : 925 - 960 MHz
	DCS/LTE B3 : 1805 - 1880 MHz

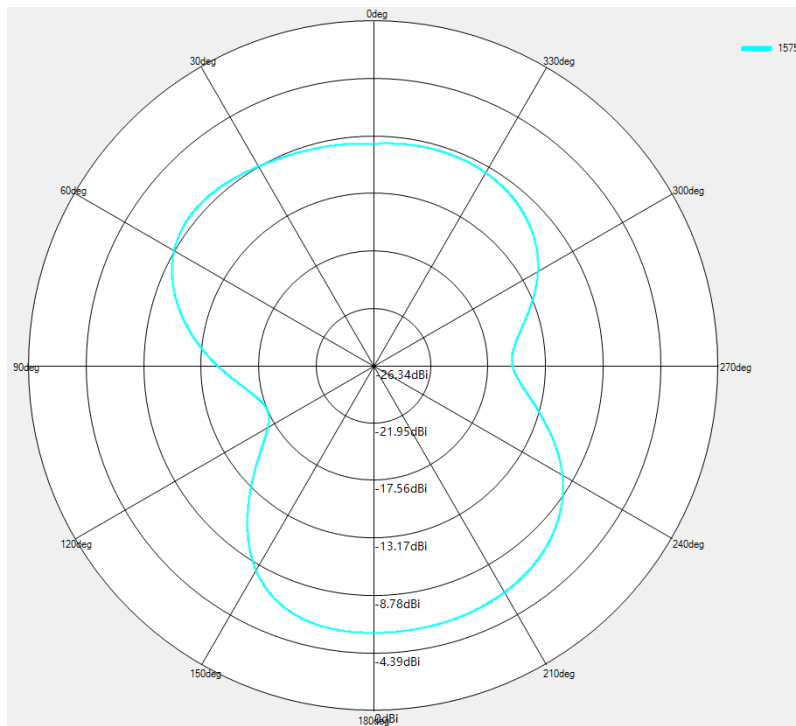
RF-Output Power (E.I.R.P)		WCDMA 4/LTE B4 : 2110-2155 MHz
		PCS/WCDMA B2/LTE B2:1930-1990MHz
		WCDMA B1/LTE B1 : 2110 – 2170MHz
		LTE B7 :2620-2690MHz
		LTE B40 :2300-2400MHz
		LTE B38/41 :2565-2645MHz
		LTE B20 :791-821MHz
		LTE B28 :758-803MHz
		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5/B7/B8/B20/B28/B38/B40/B41: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
		Antenna Gain
GSM 900/WCDMA B8/LTE B8 : -6.14 dBi		
LTE B20: -6.89 dBi		
LTE 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 : -2.8 dBi	
	LTE B7/B38/B41 : -0.88 dBi	
	LTE B40 : -1.34 dBi	
ANT12	GPS(L1): -1.41 dBi	
ANT13	WIFI 2.4G: -4.12 dBi 5G: -2.31 dBi	
ANT14	WIFI 2.4G: -3.37 dBi 5G: -3.19 dBi	
Type of Modulation		

※ Antenna Gain

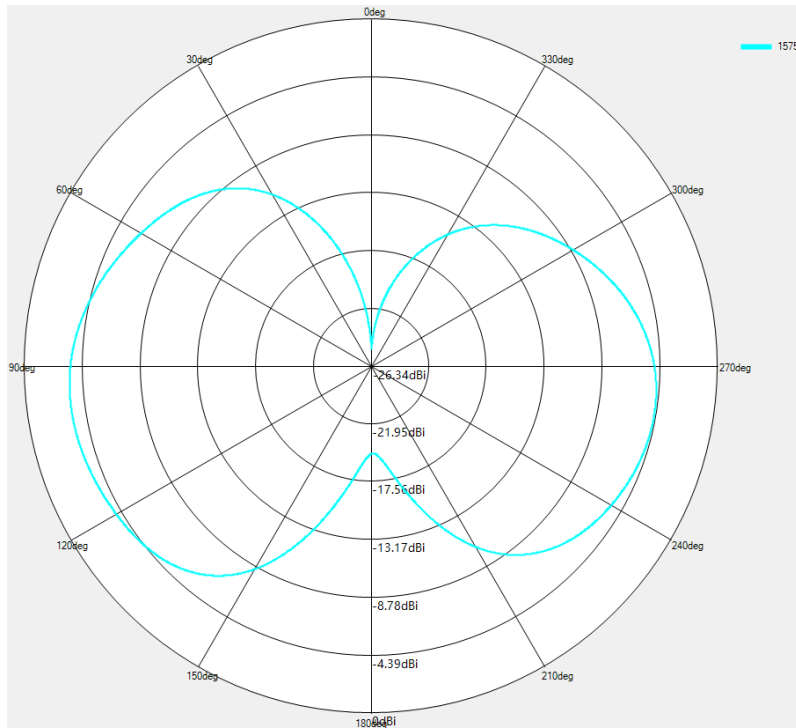
ANT12



GPS Theta=0deg



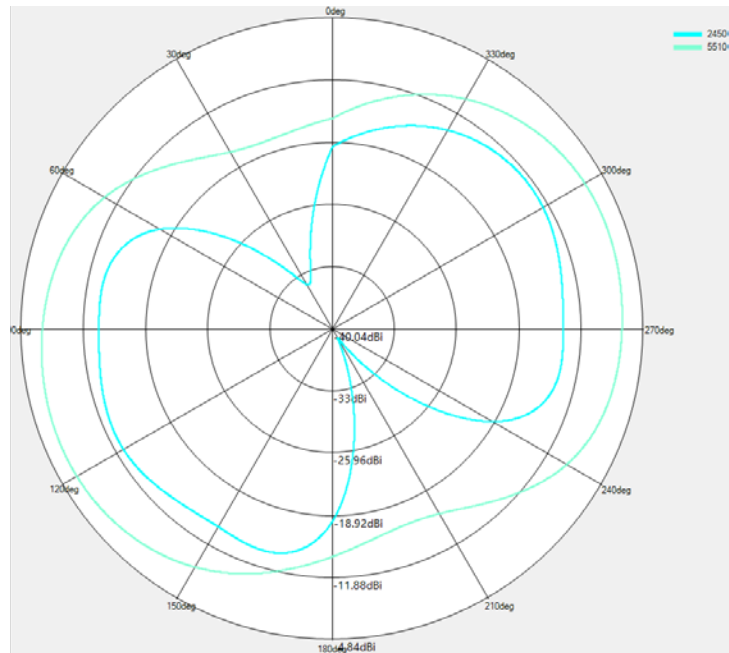
GPS Theta=90deg



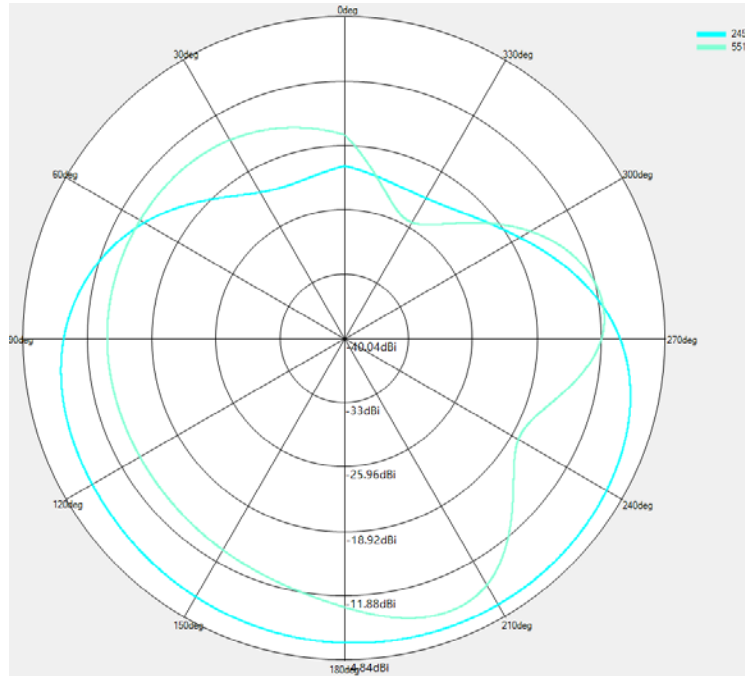
GPS $\Phi=90^\circ$

※ Antenna Gain

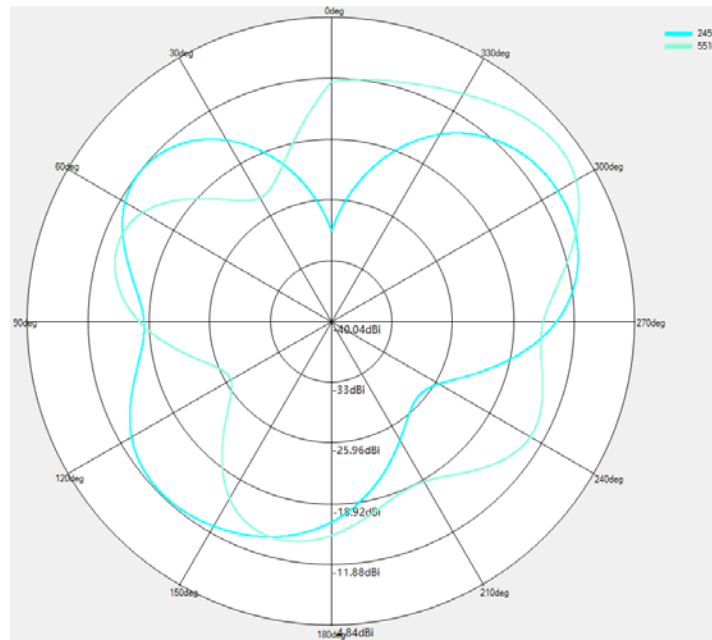
ANT13



2.4G/5G WIFI&BT Theta=0deg



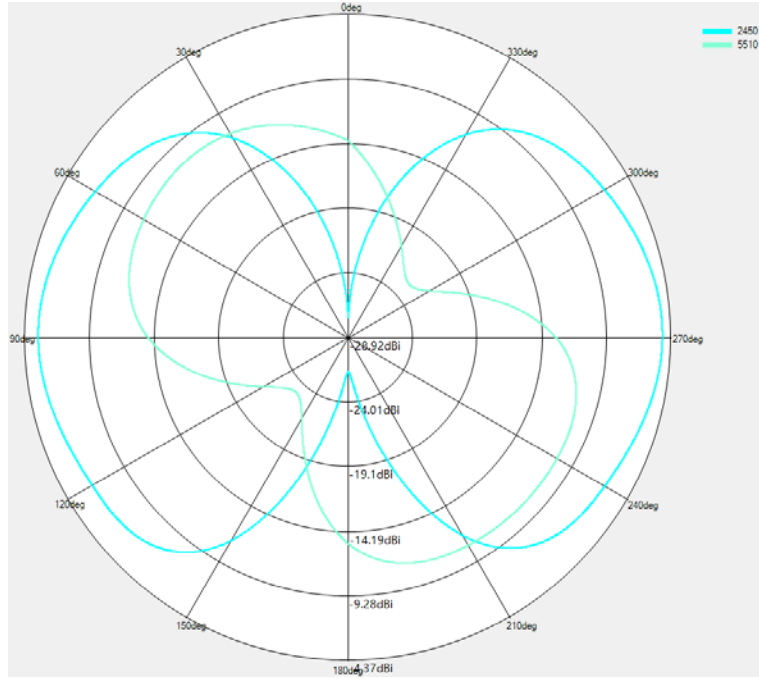
2.4G/5G WIFI&BT Theta=90deg



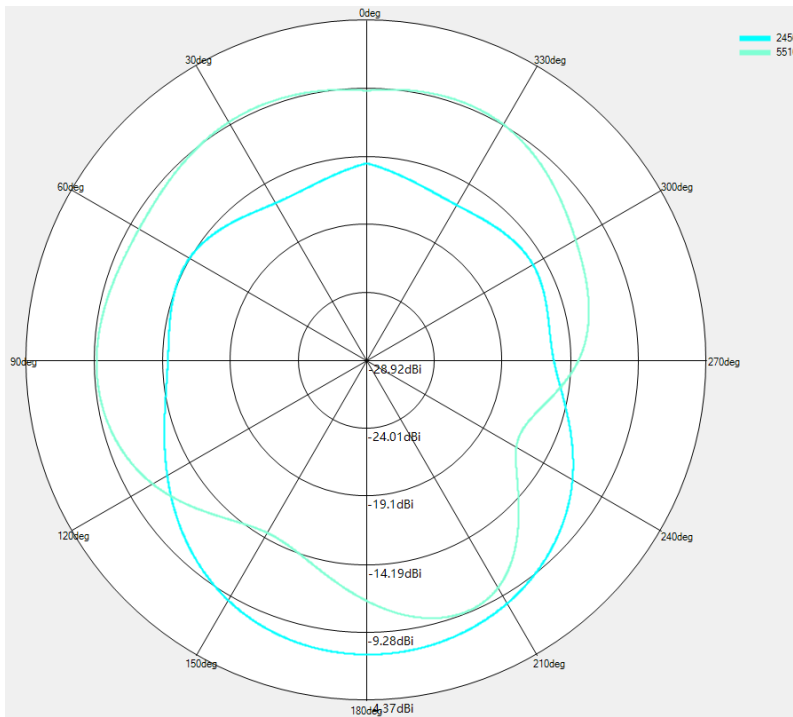
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

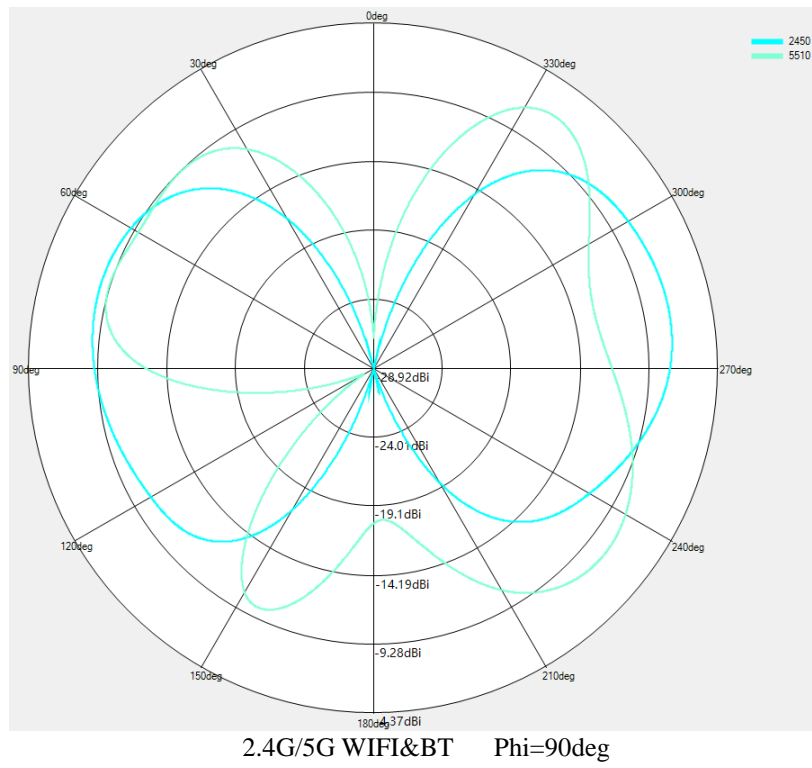
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2.4G/5G WIFI&BT Theta=0deg

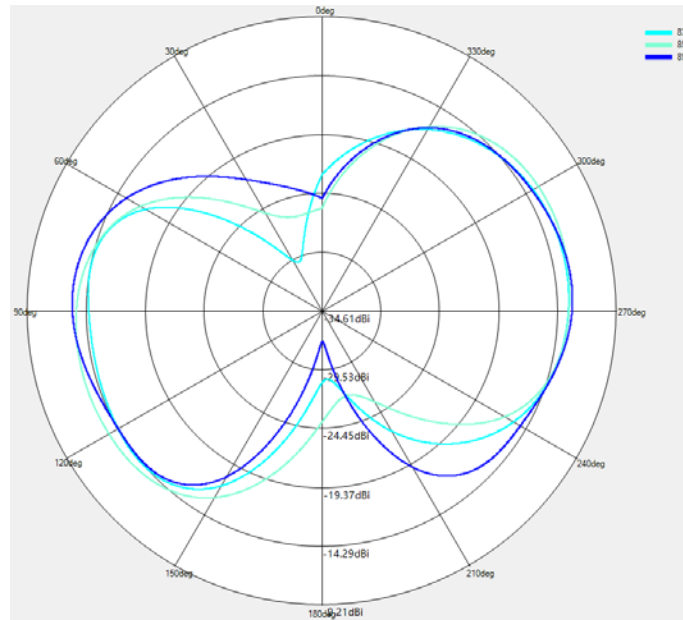


2.4G/5G WIFI&BT Theta=90deg

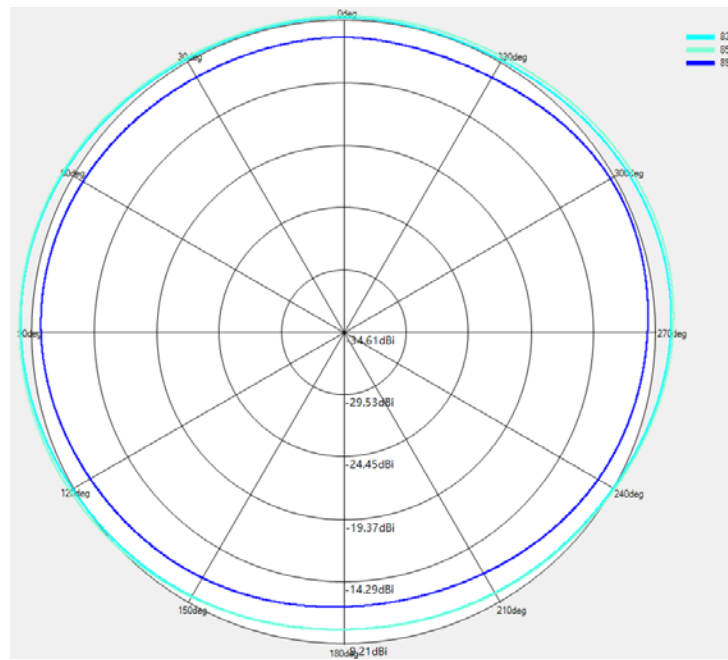


※ Antenna Gain

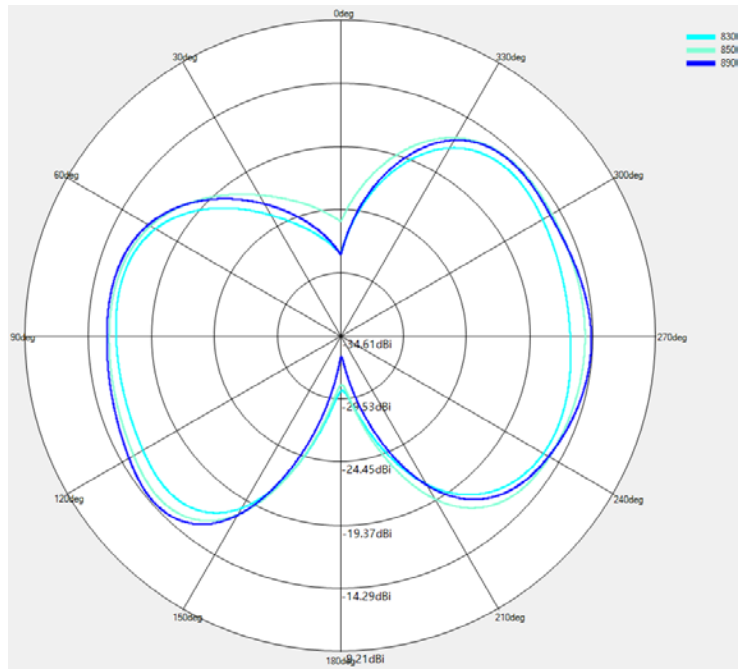
ANT0



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



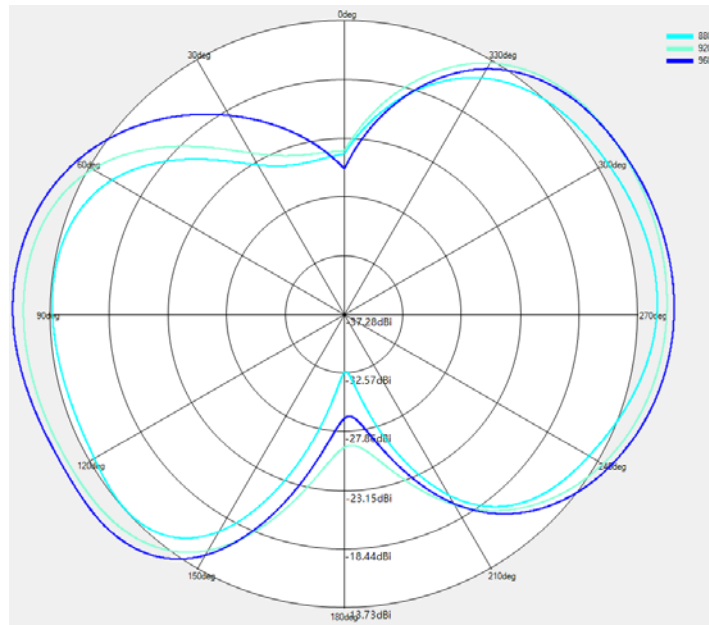
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



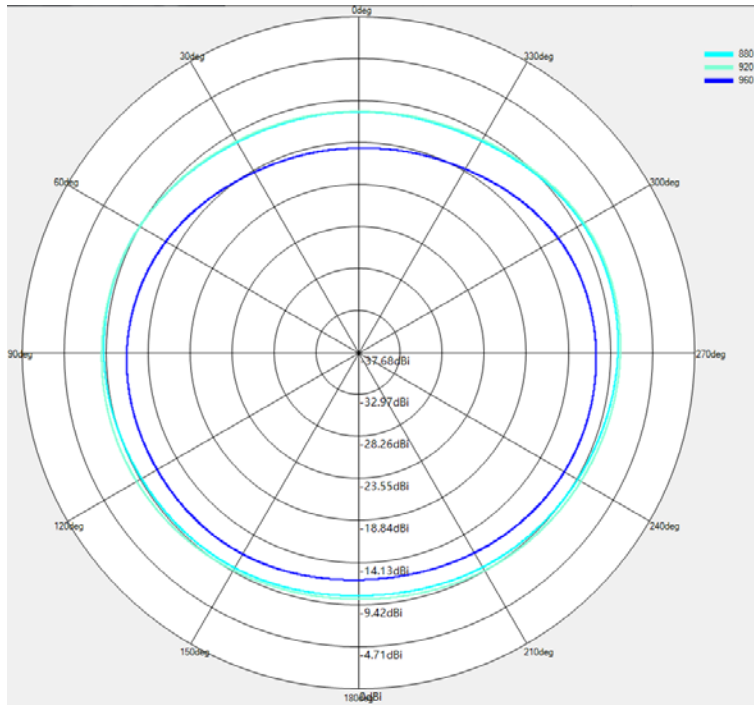
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

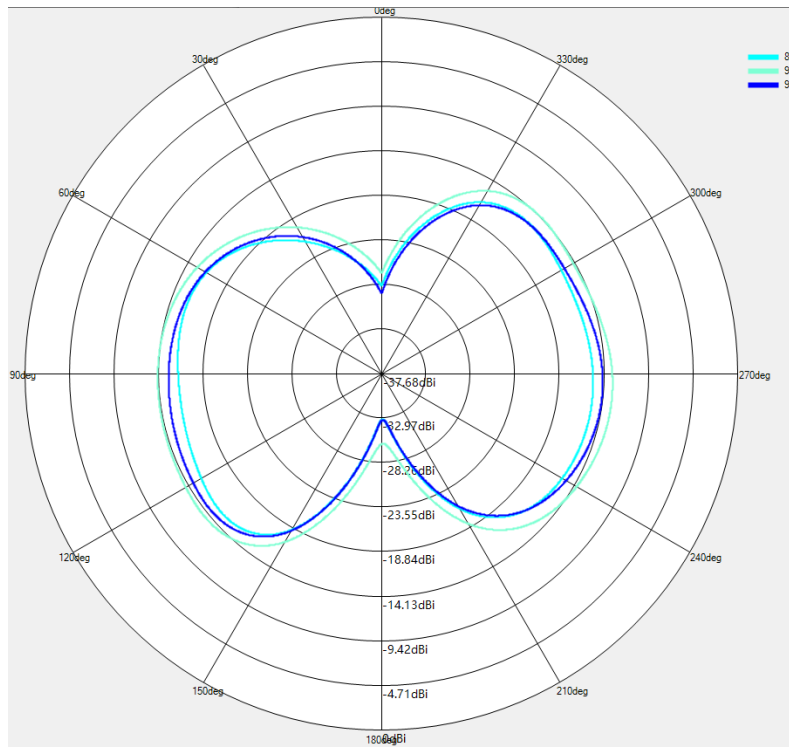
ANT0



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



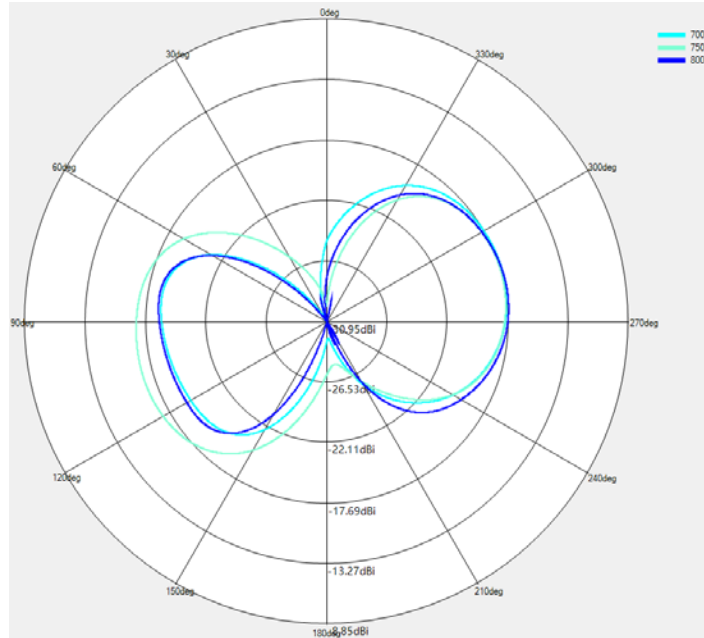
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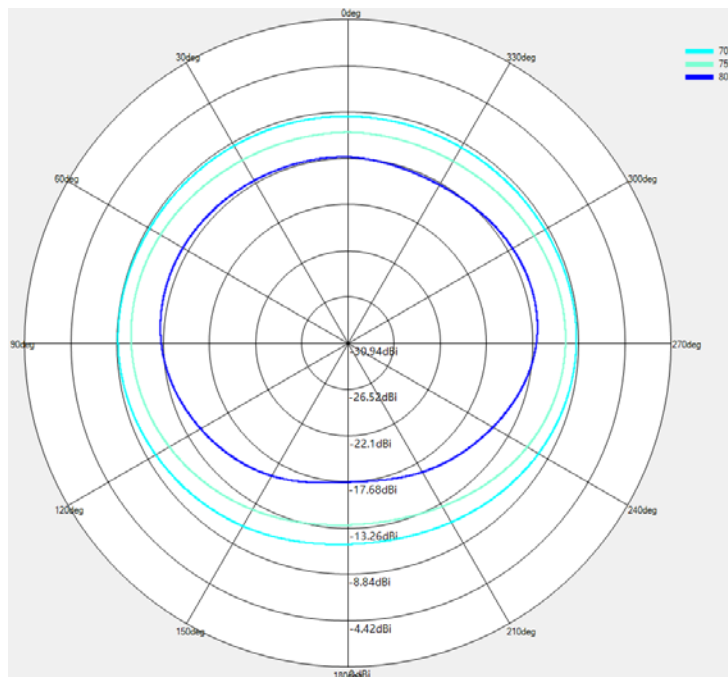
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※ Antenna Gain

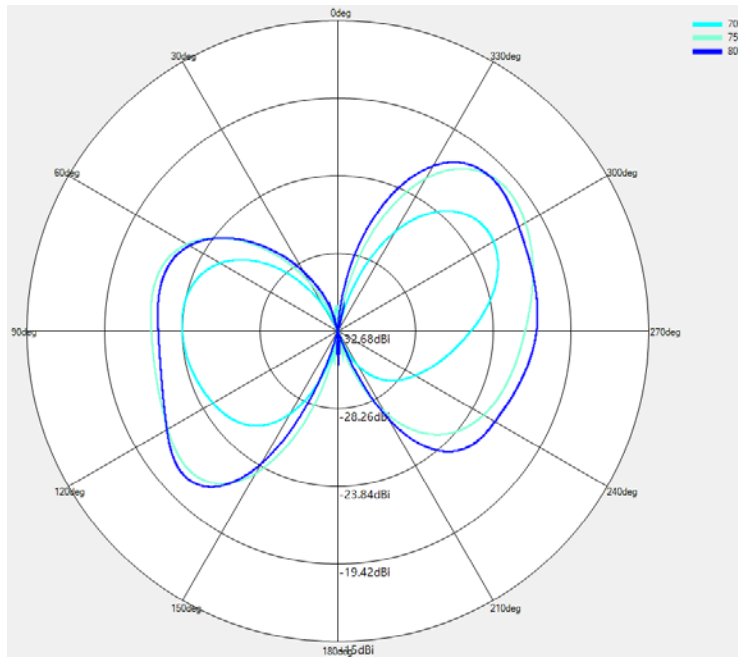
ANT0



LTE B28 Theta=0deg



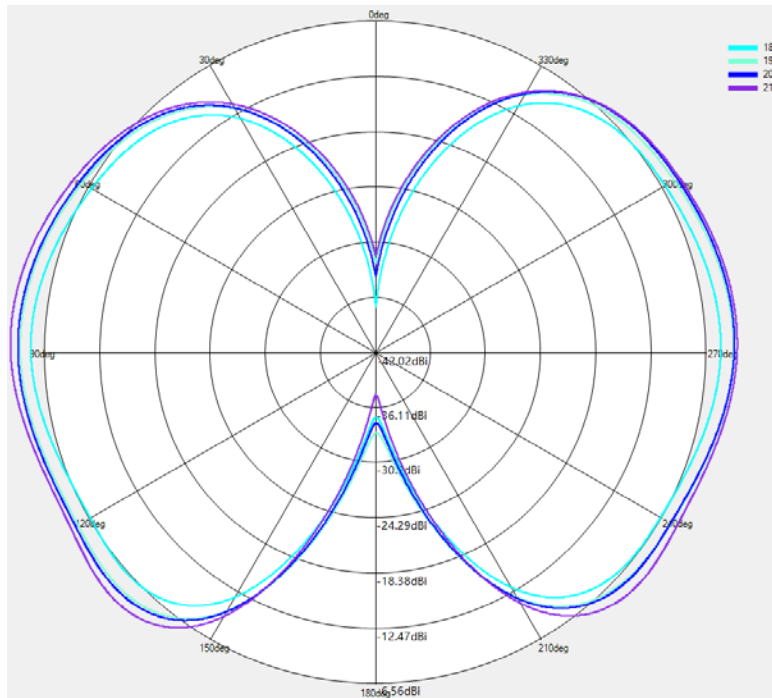
LTE B28 Theta=90deg



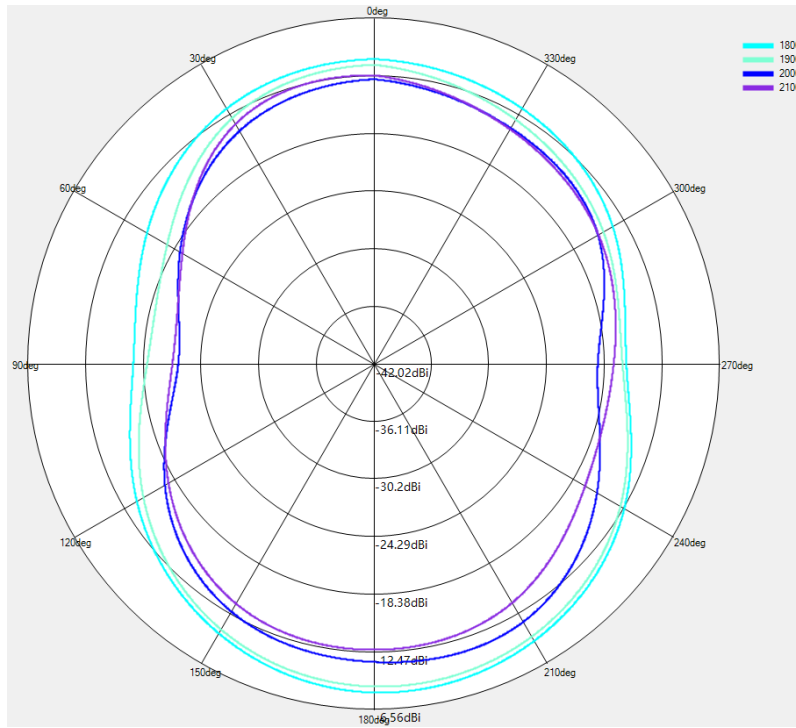
LTE B28 Phi=90deg

※ Antenna Gain

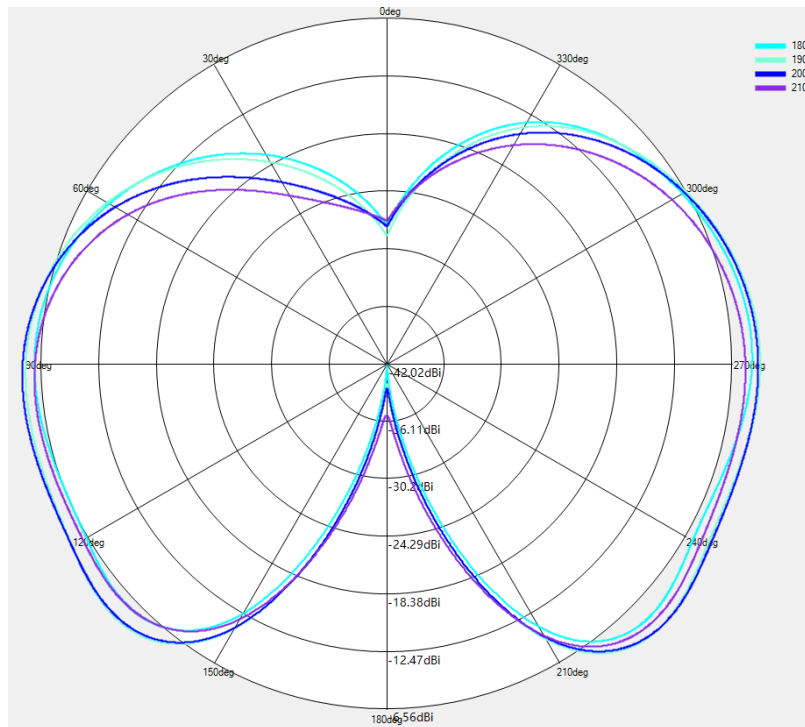
ANT4



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



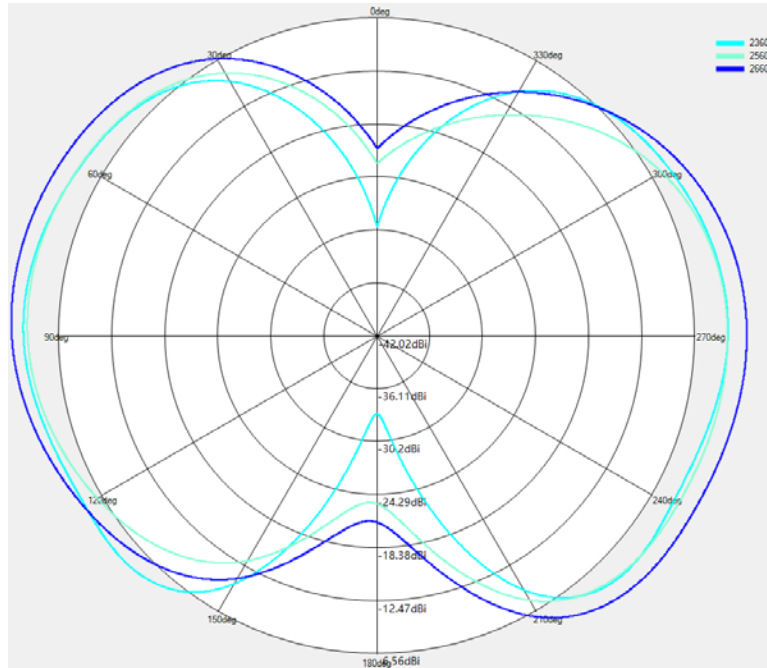
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4 Theta=90deg



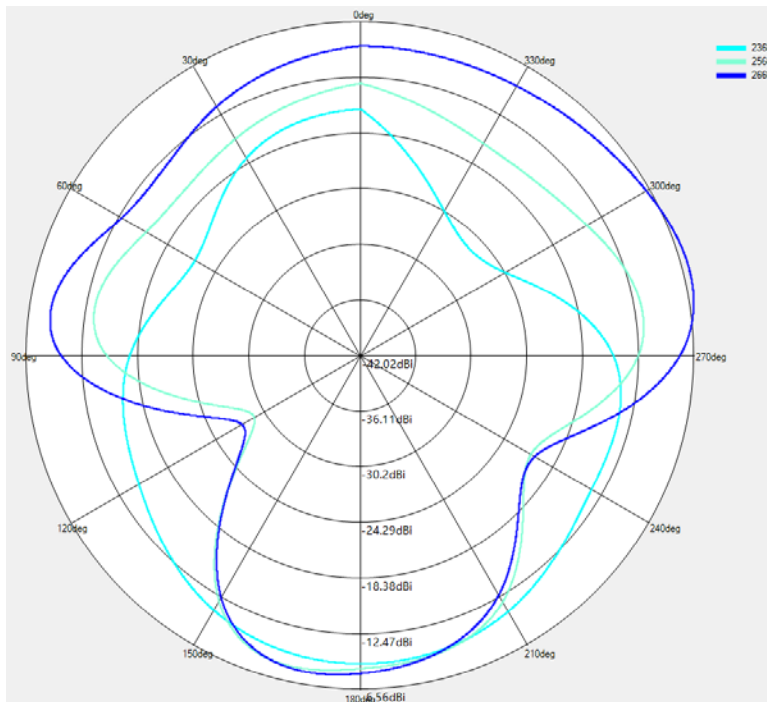
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4 Phi=90deg

※ Antenna Gain

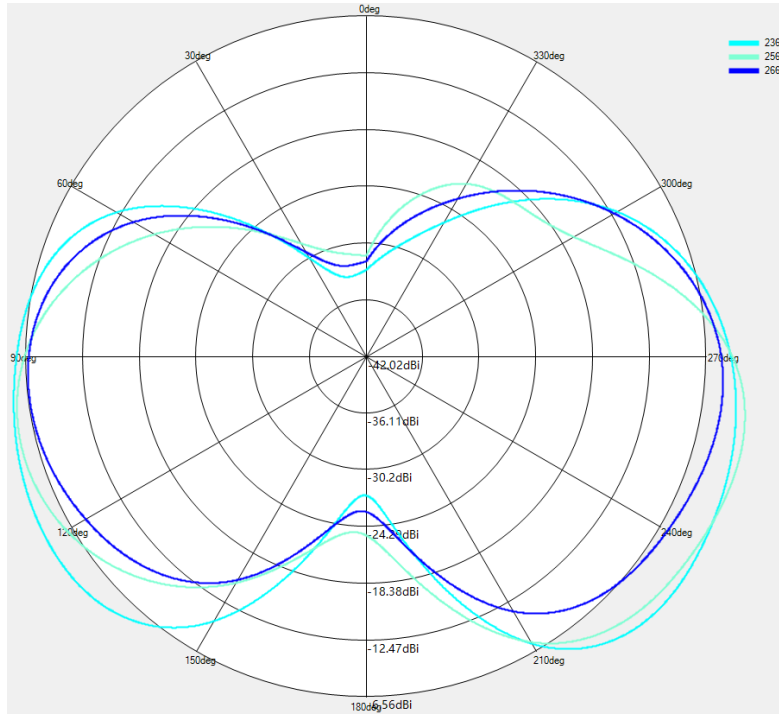
ANT4



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	
	Maoqian.yao		DATE:	2023/06/28