

Feature

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

Application

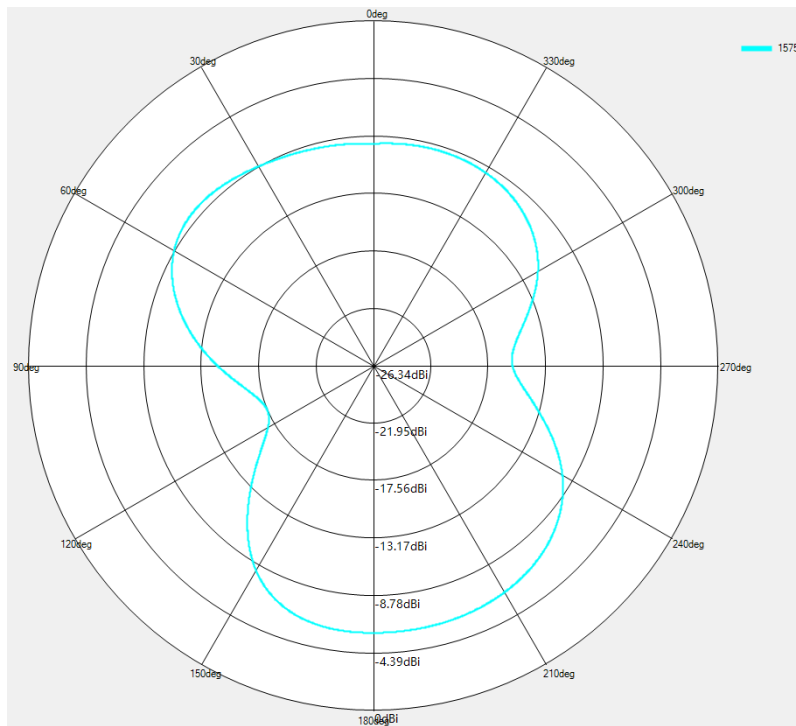
※ GSM850/900/DCS/WCDMA B1/B5/B8

LTE B1/B3/B5/B7/B8/B20/B28/B38/B40/B41(full)

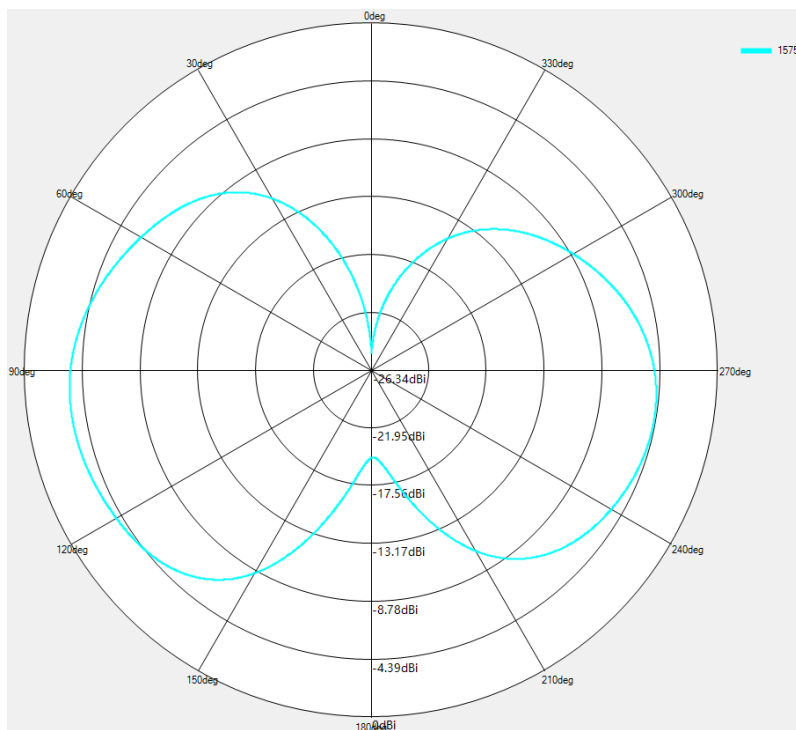
Name and address of the antenna manufacturer	Model number of the antenna
<p style="text-align: center;">Dongguan Guangzheng Mold Plastic Co., Ltd No. 2 Yucheng Road, Shatounan District, Chang'an Town, Dongguan City</p>	<p style="text-align: center;">X6880-ANT0 X6880-ANT1 X6880-ANT2 X6880-ANT3 X6880-ANT12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

TYPE	
------	--

Transmitter Frequency		GSM 850/WCDMA B5/LTE B5 : 824 – 849 MHz	
		GSM 900/WCDMA B8/LTE B8 : 880 – 915 MHz	
		DCS /LTE B3: 1710 – 1785 MHz	
		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 900/WCDMA B8/LTE B8 : 925 – 960 MHz			
DCS/LTE B3 : 1805 – 1880 MHz			
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			
RF-Output Power (E.I.R.P)			
		DCS: 30+/-2dBm	
		LTE B1/B3/ B5/B7/B8/B20/B28/B38/B40/B41: 23+/-2dBm	
		WCDMA B1/B5/ B8: 23+/-2dBm	
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	
		ANT1	DCS /LTE B3: -2.7 dBi
			WCDMA B1/LTE B1 : -2.8 dBi
			LTE B7/B38/B41 : -0.88 dBi
		ANT12	LTE B40 : -1.34 dBi
		ANT13	GPS(L1): -1.41 dBi
		ANT14	WIFI 2.4G:-4.12 dBi 5G: -4.19 dBi BT:-4.12 dBi
WIFI 2.4G:-2.4 dBi 5G: -3.19 dBi BT:-2.4 dBi			
Type of Modulation			



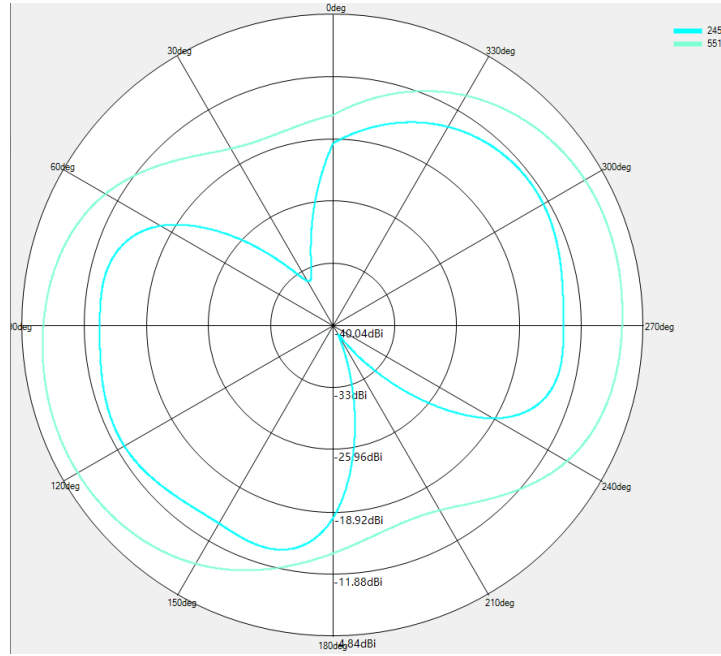
GPS $\Theta = 90^\circ$



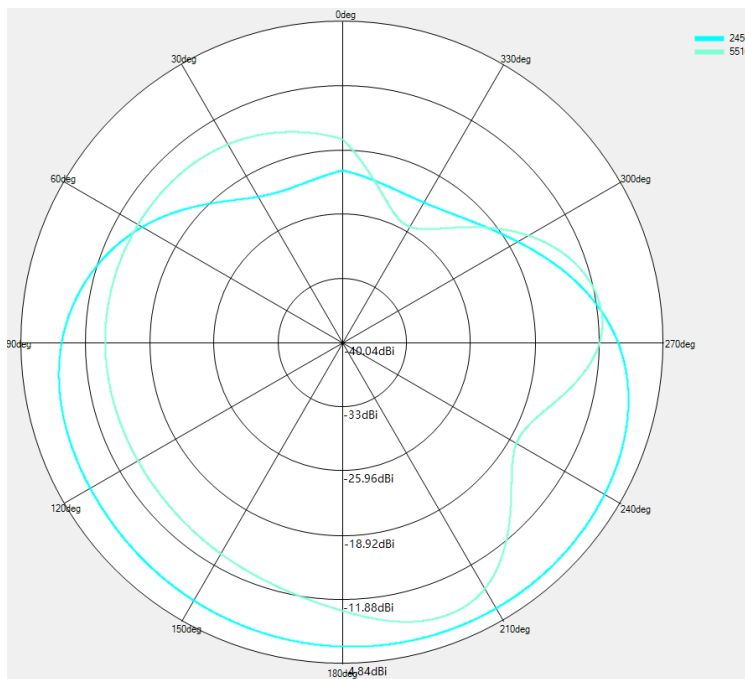
GPS $\Phi = 90^\circ$

※ Antenna Gain

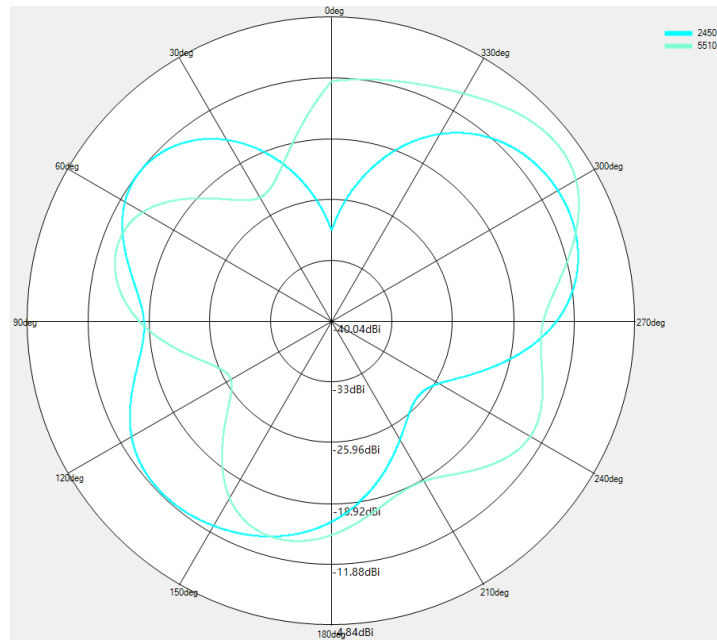
ANT14



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



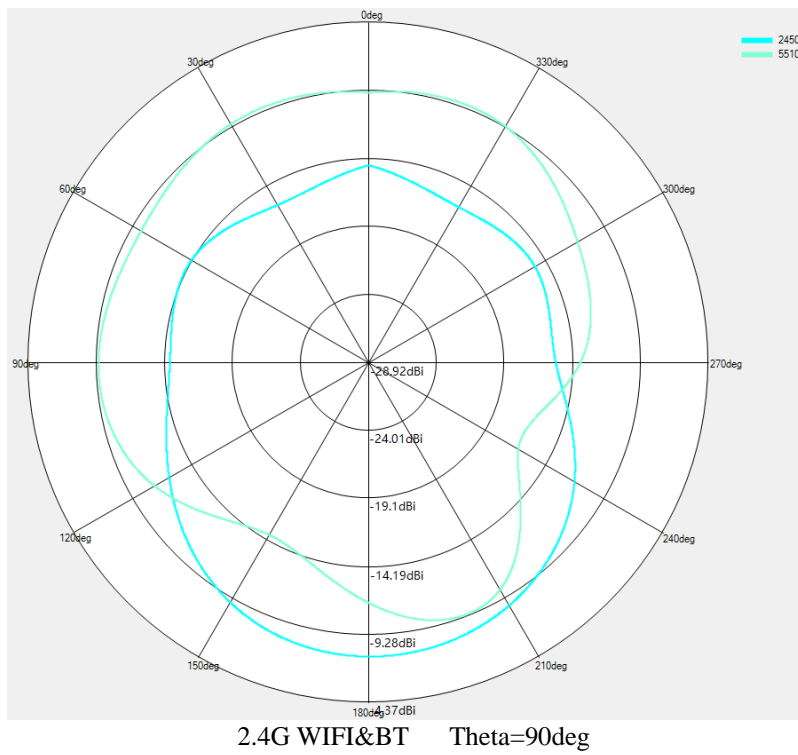
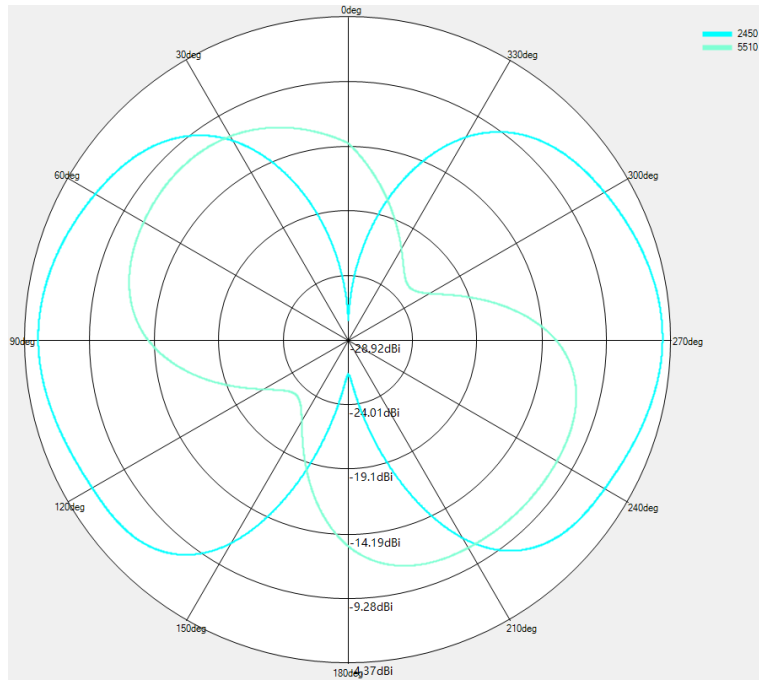
2.4G/5G WIFI&BT Theta=90deg

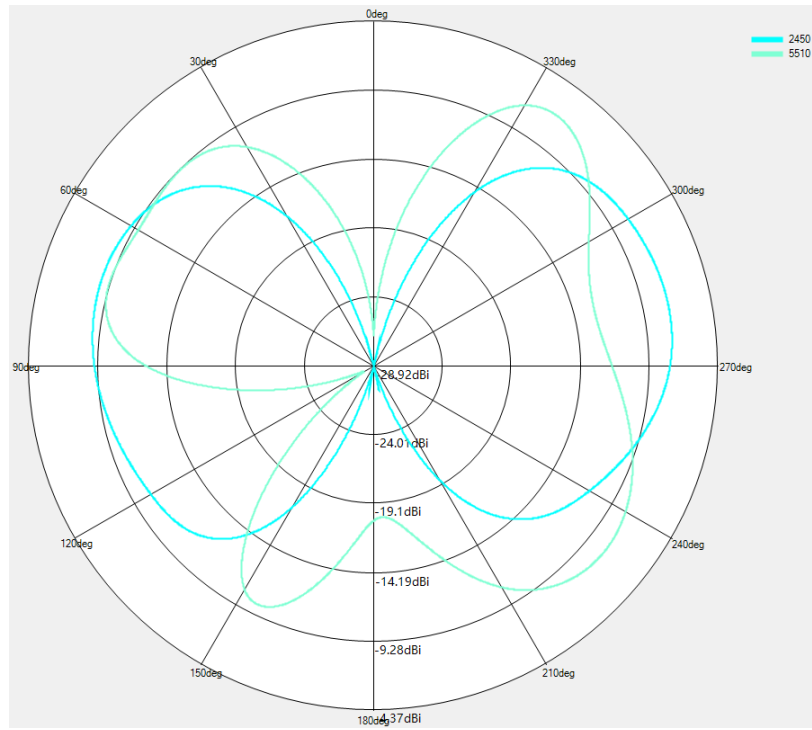


2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

ANT13

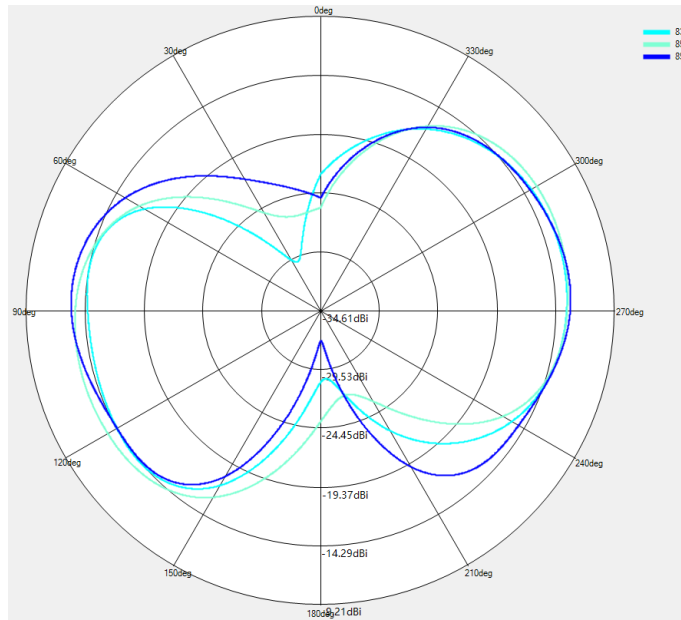




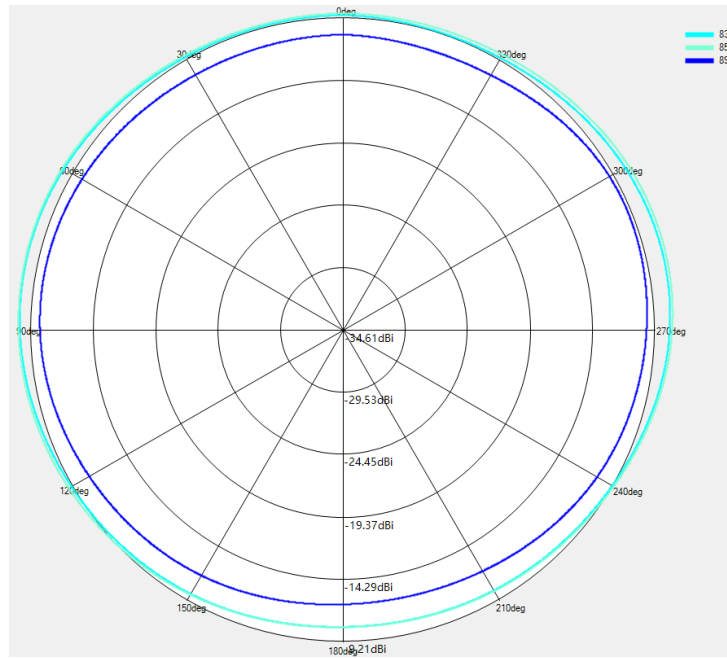
2.4G WIFI&BT $\Phi = 90^\circ$

※ Antenna Gain

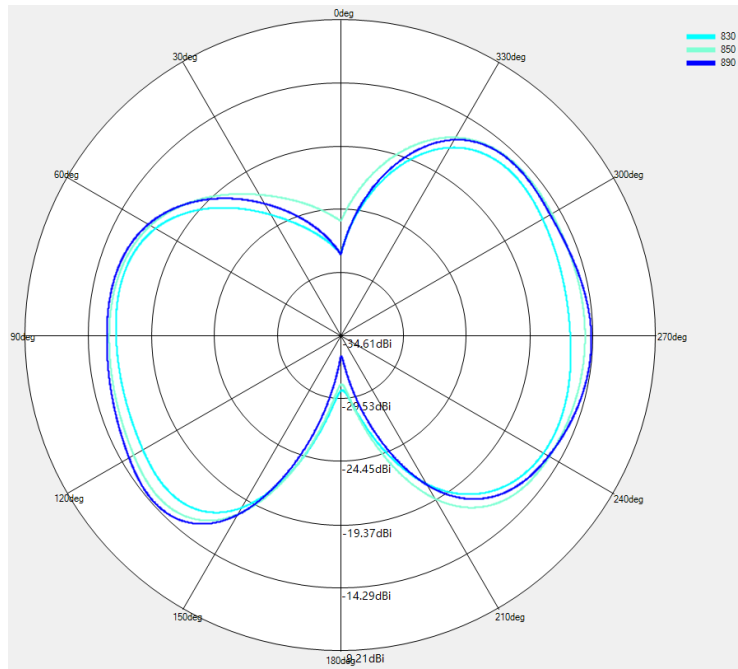
ANT1



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



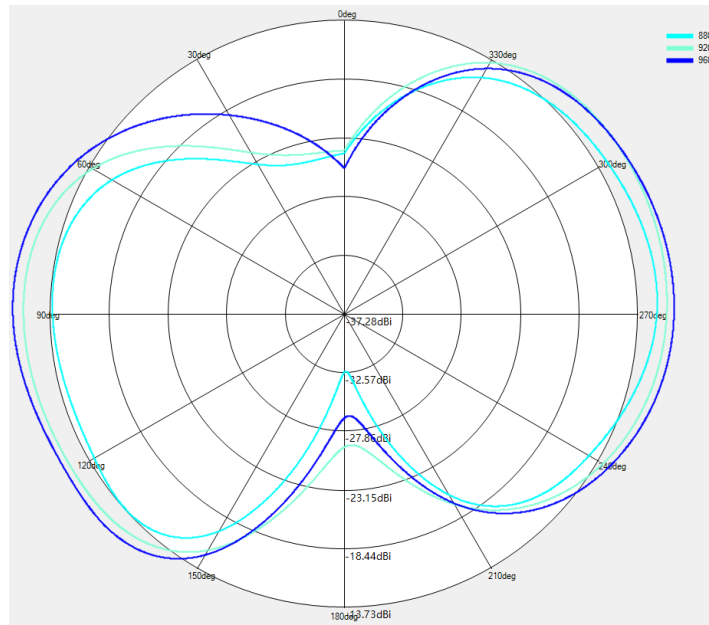
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



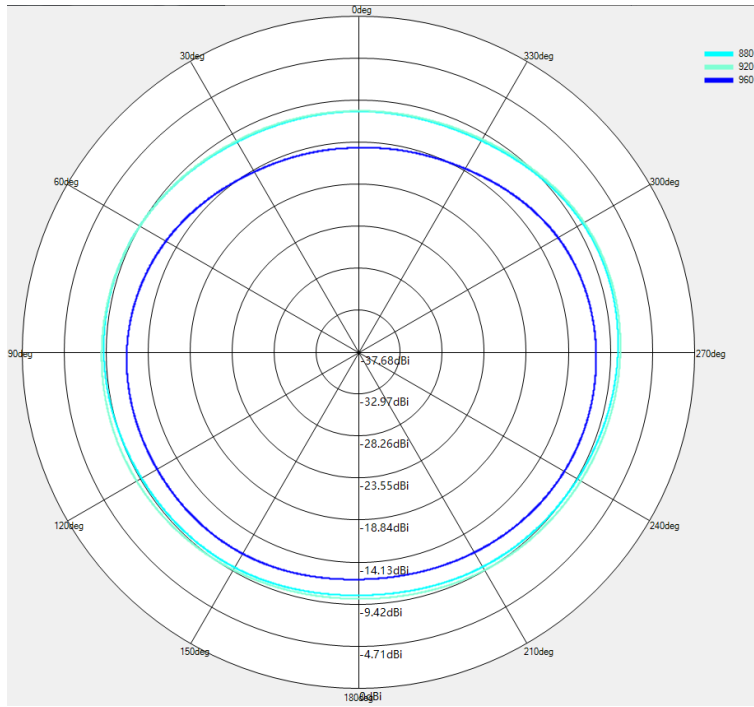
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

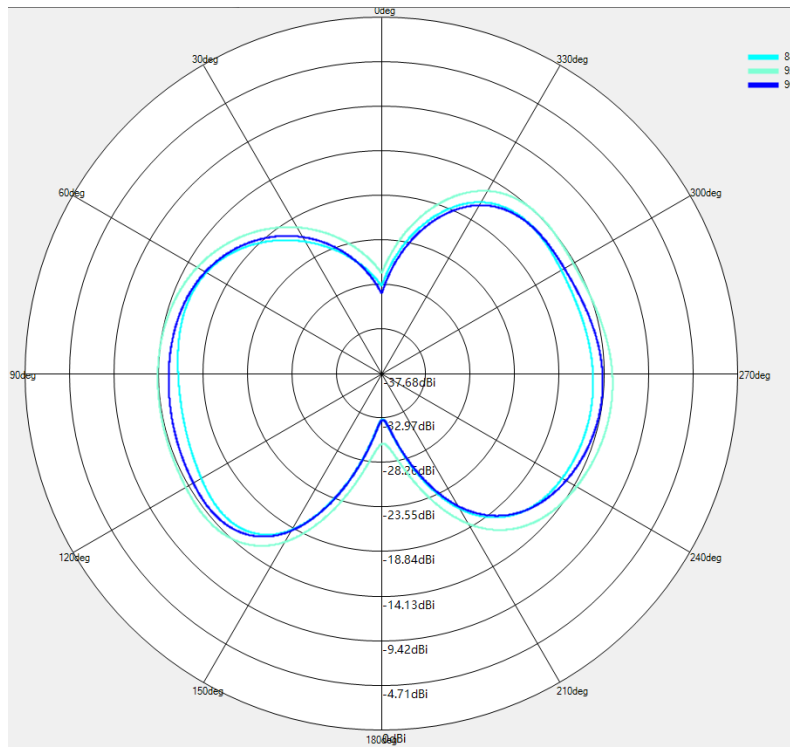
ANT1



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



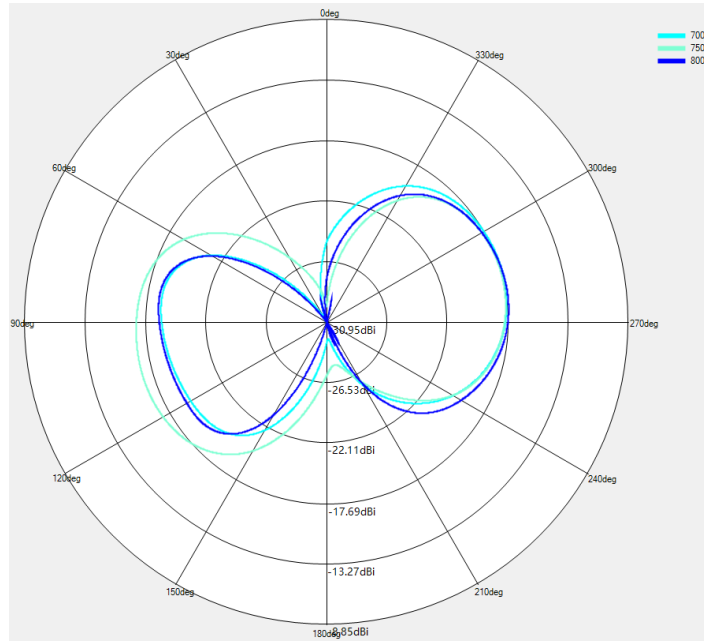
GSM 900/WCDMA B8/LTE B8 Theta=90deg



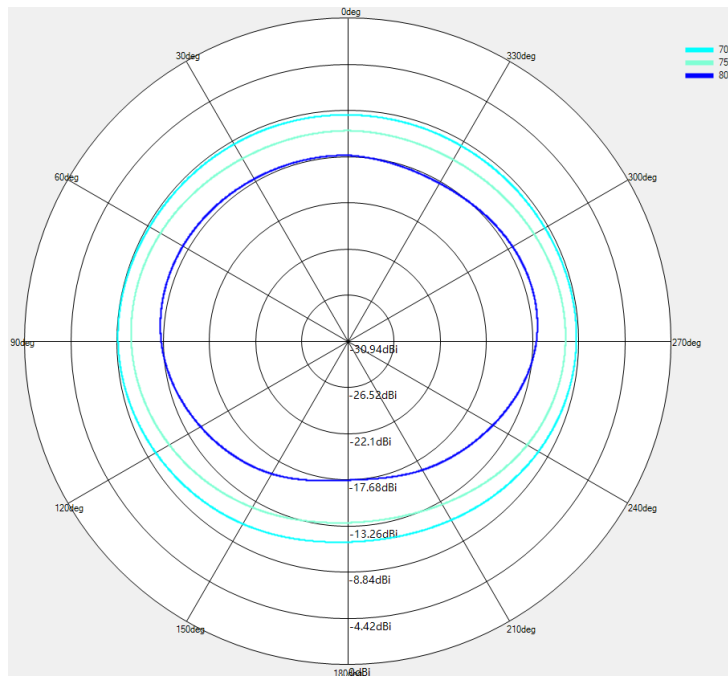
GSM 900/WCDMA B8/LTE B8 Phi=90deg

※ Antenna Gain

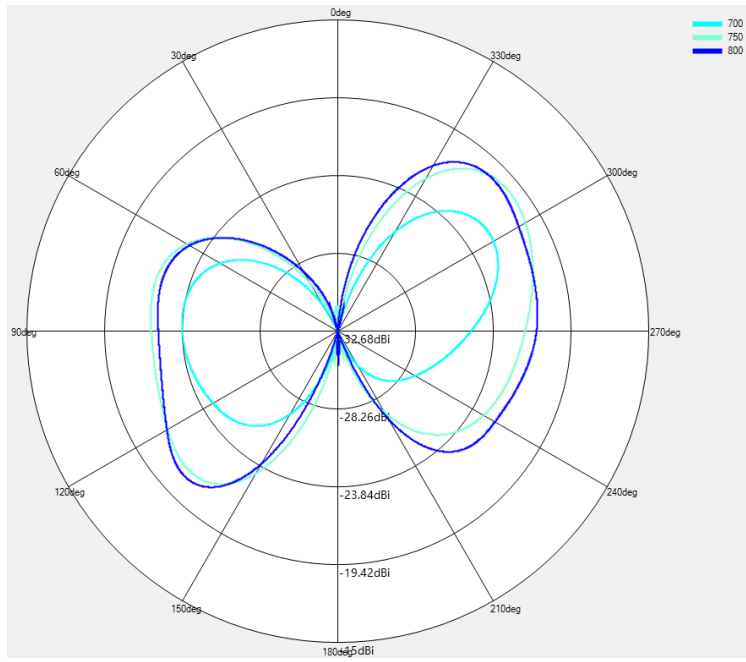
ANT1



LTE B28 Theta=0deg



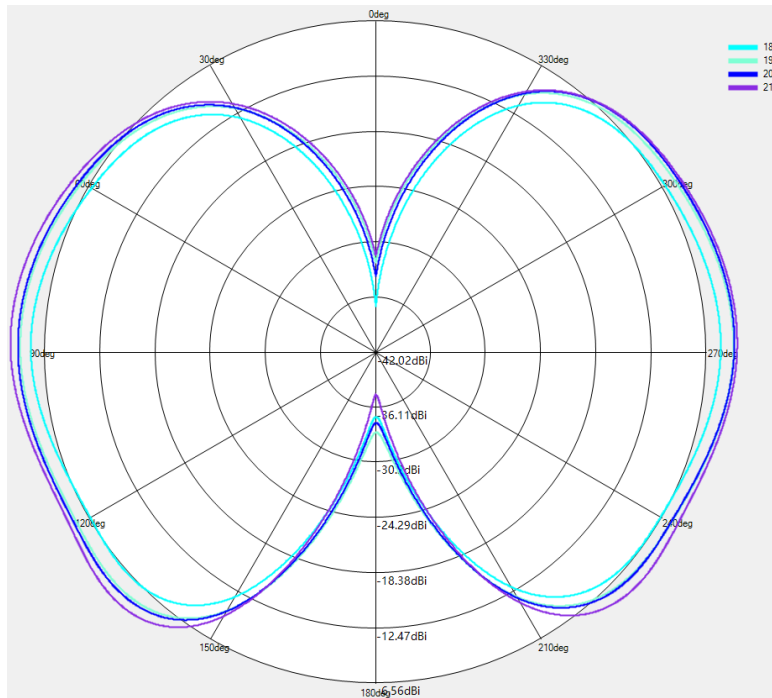
LTE B28 Theta=90deg



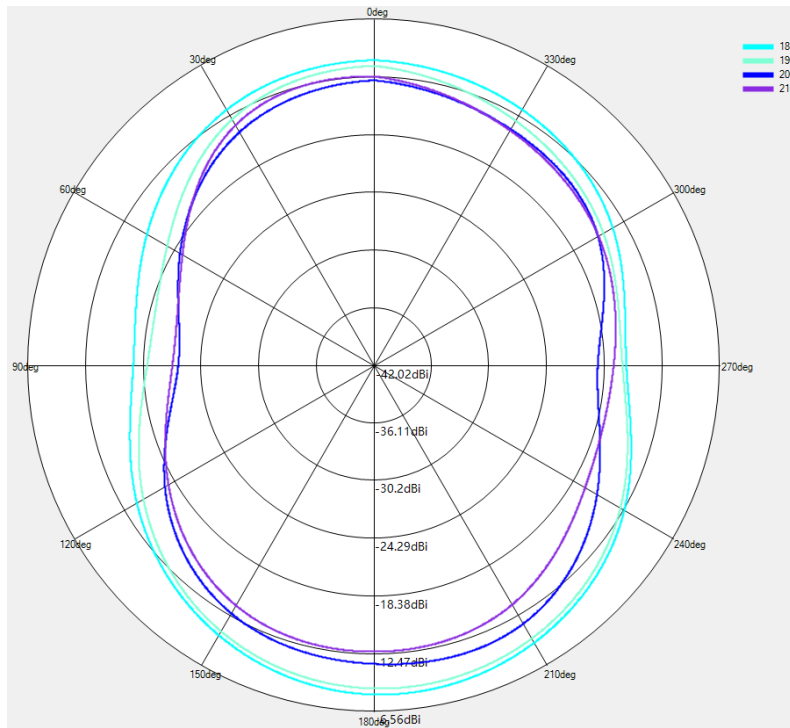
LTE B28 $\Phi=90^\circ$

※ Antenna Gain

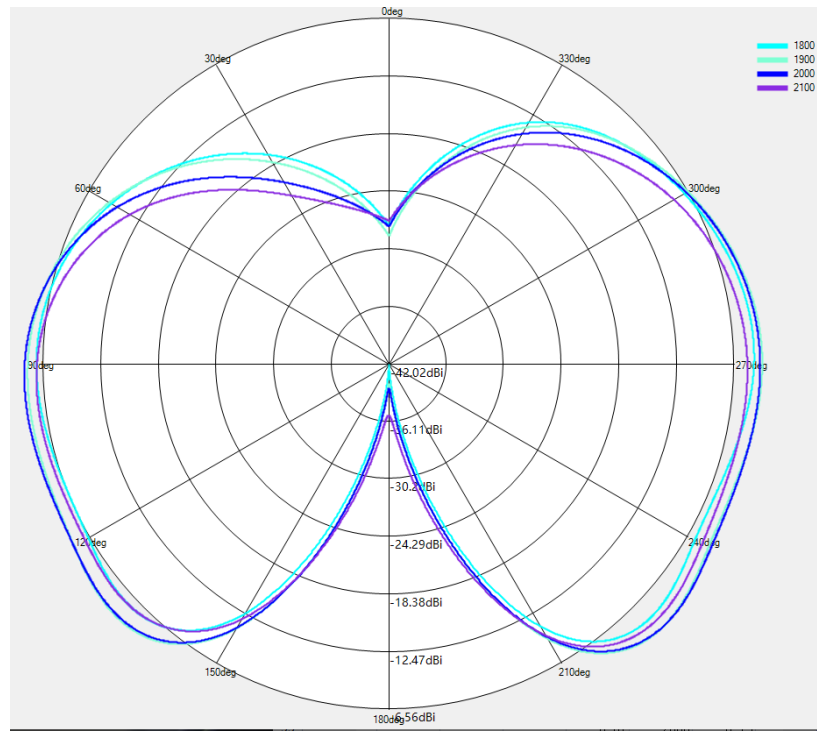
ANT0



DCS/WCDMA B1/LTE B1/B3 Theta=0deg



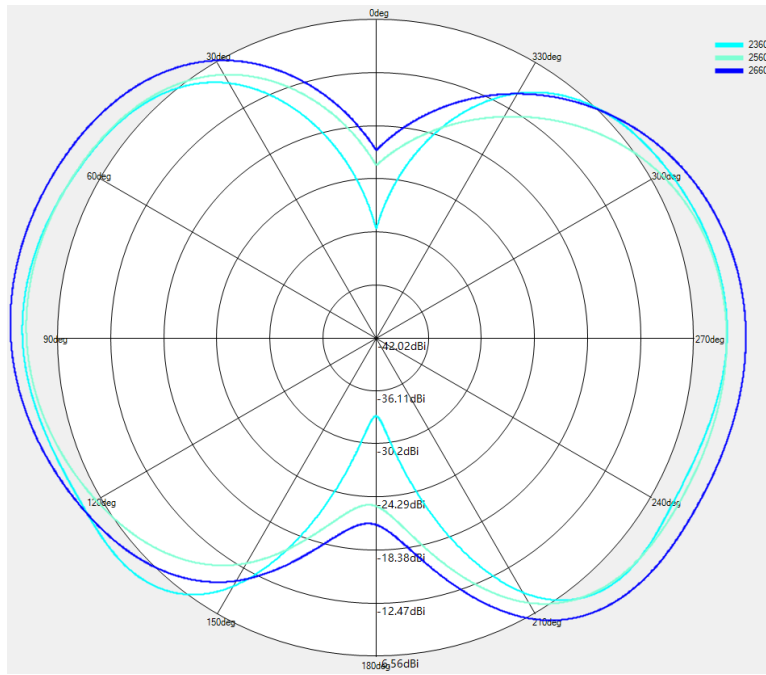
DCS/WCDMA B1/LTE B1/B3 Theta=90deg



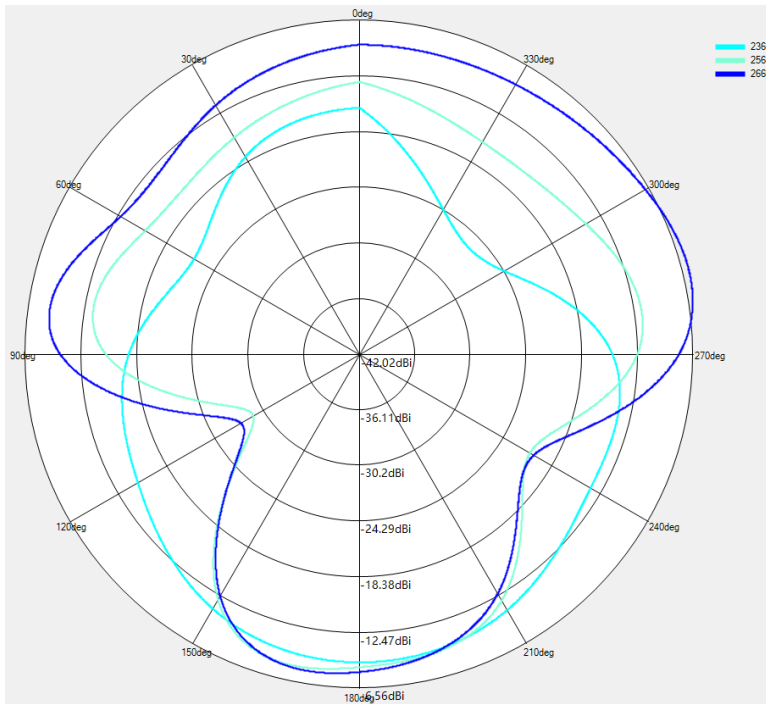
DCS/WCDMA B1/LTE B1/B3 Phi=90deg

※ Antenna Gain

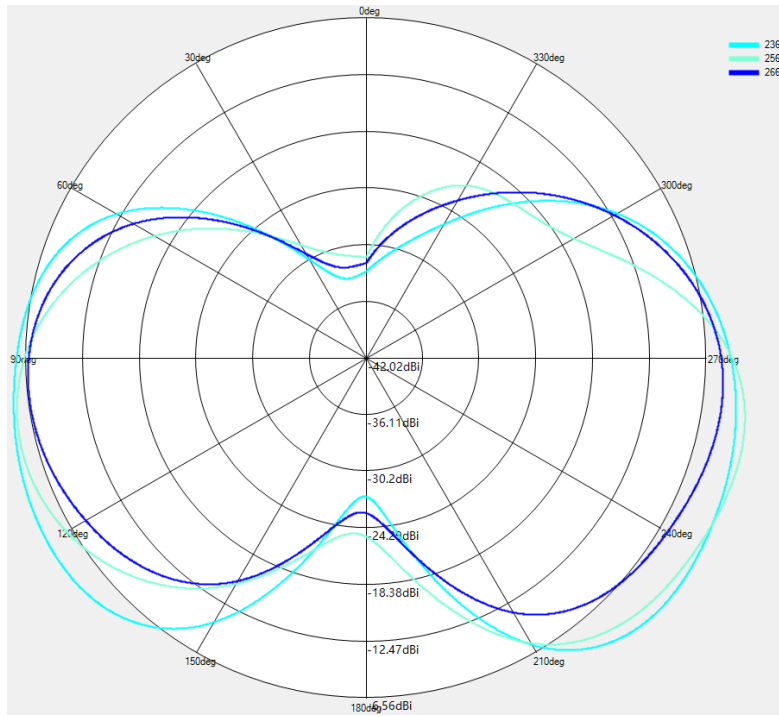
ANT0



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