

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

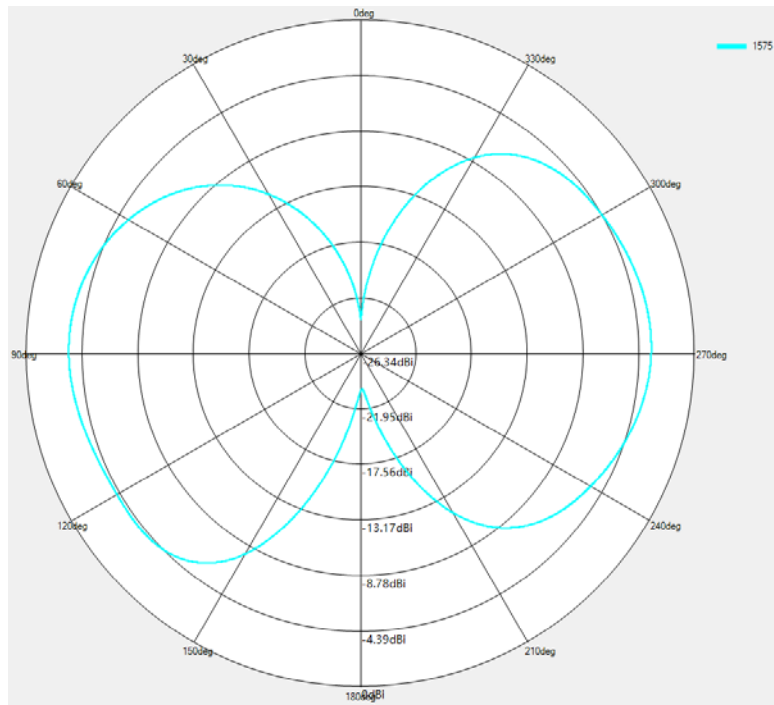
Name and address of the antenna manufacturer	Model number of the antenna
<p data-bbox="358 1283 789 1381">Dongguan Guangzheng Mold Plastic Co., Ltd No. 2 Yucheng Road, Shatounan District, Chang'an Town, Dongguan City</p>	<p data-bbox="1133 1146 1281 1394">KJ7-ANT0 KJ7-ANT1 KJ7-ANT2 KJ7-ANT3 KJ7-ANT4 KJ7-ANT12 KJ7-ANT13 KJ7-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 B17 :704-716MHz	
		LTE B12 :700-715MHz	
		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	
Receiver Frequency		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 B17 :734-746MHz	
		LTE B12 :729-746MHz	
		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	
	RF-Output Power (E.I.R.P)		LTE B1/B2/B3/ B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm	
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

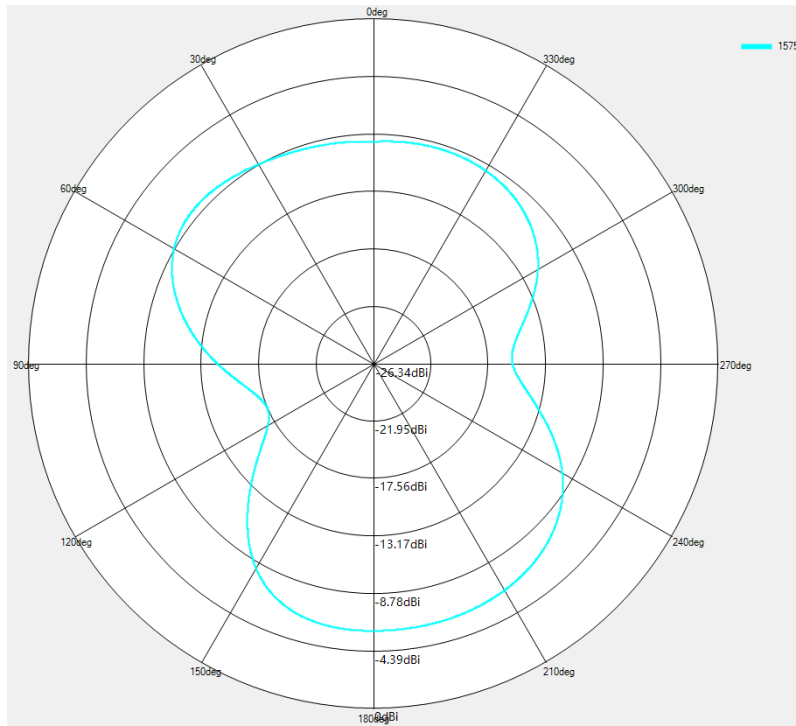
Antenna Gain		WCDMA B1/LTE B1/B66 : -2.8 dBi
		LTE B7/B38/B41 : -0.88 dBi
		LTE B40 : -1.34 dBi
	ANT13	GPS(L1): -1.41 dBi
	ANT12	WIFI /BT2.4G:-4. 12 dBi 5G: -2.31 dBi
ANT14	WIFI 2.4G/BT:-3. 37 dBi 5G: -3.19 dBi	
Type of Modulation		

※ Antenna Gain

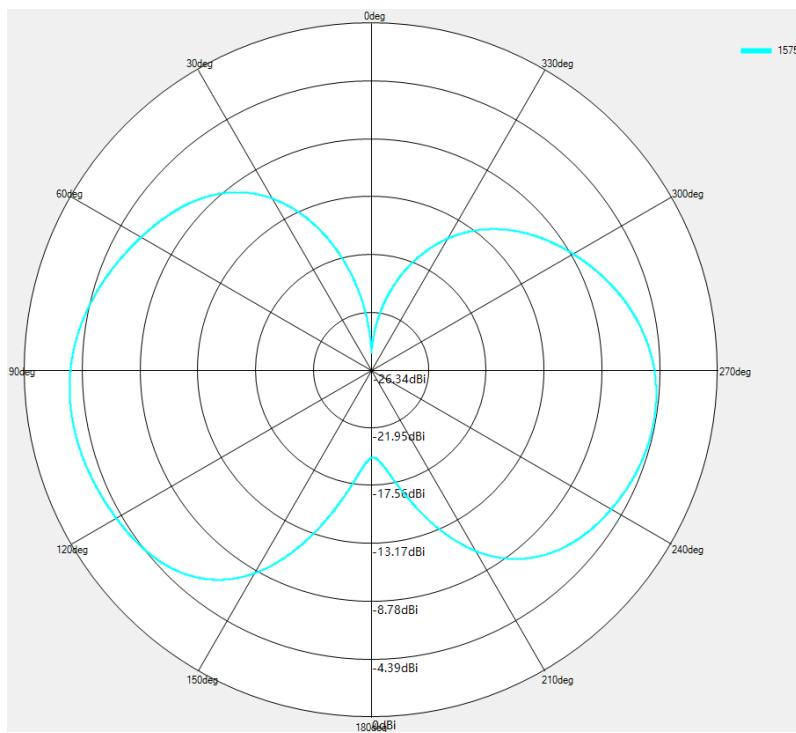
ANT13



GPS Theta=0deg



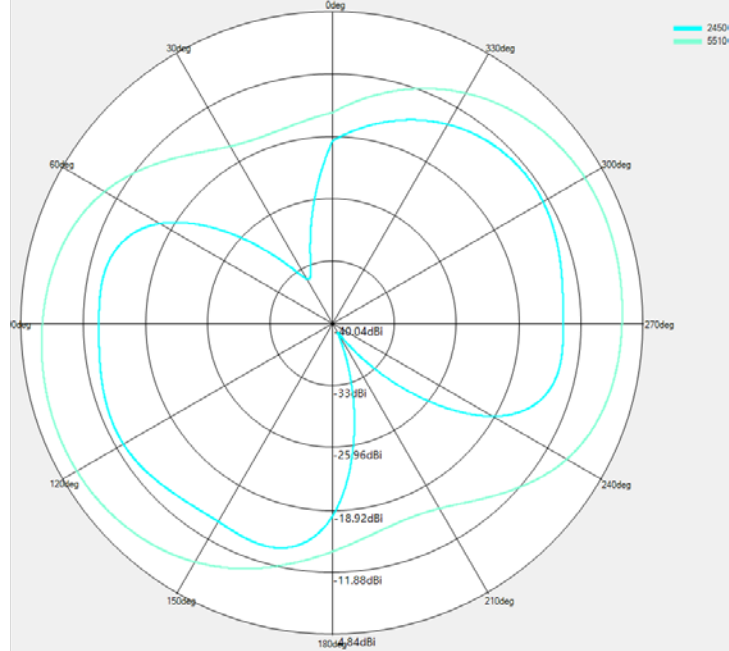
GPS $\Theta = 90^\circ$



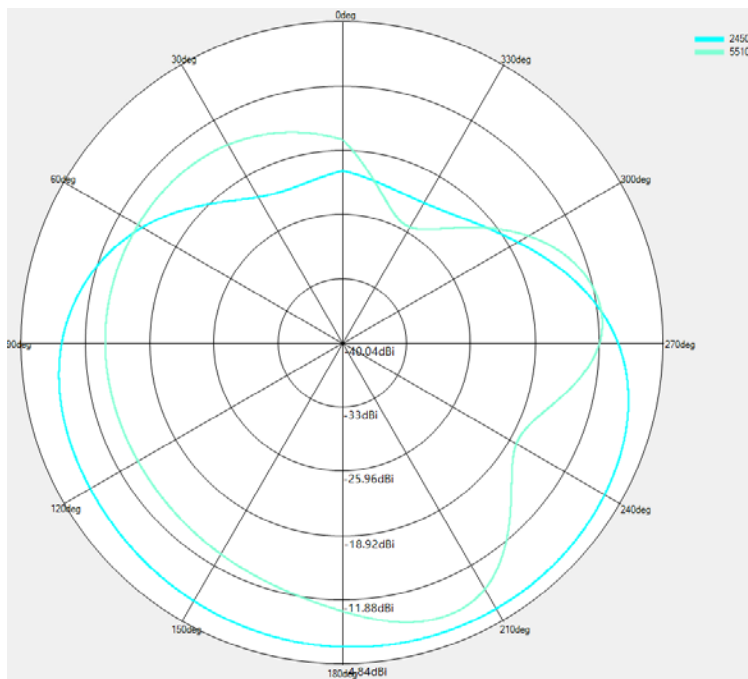
GPS $\Phi = 90^\circ$

※ Antenna Gain

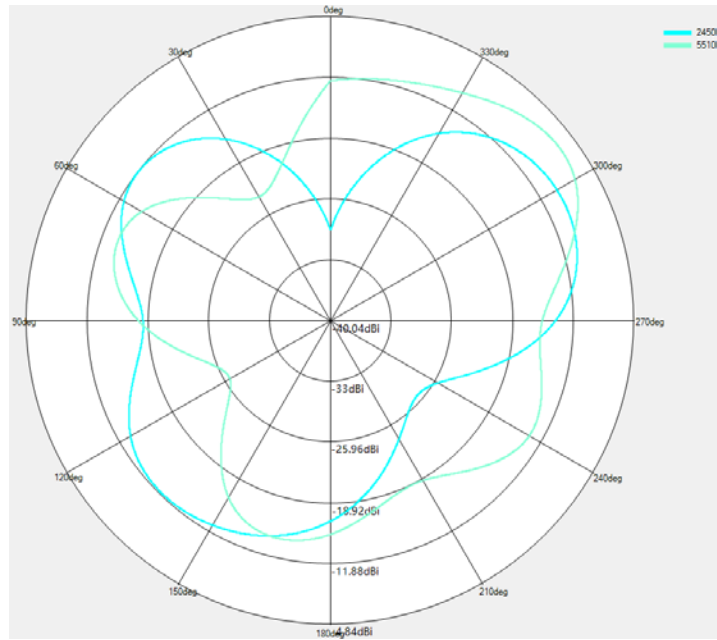
ANT12



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



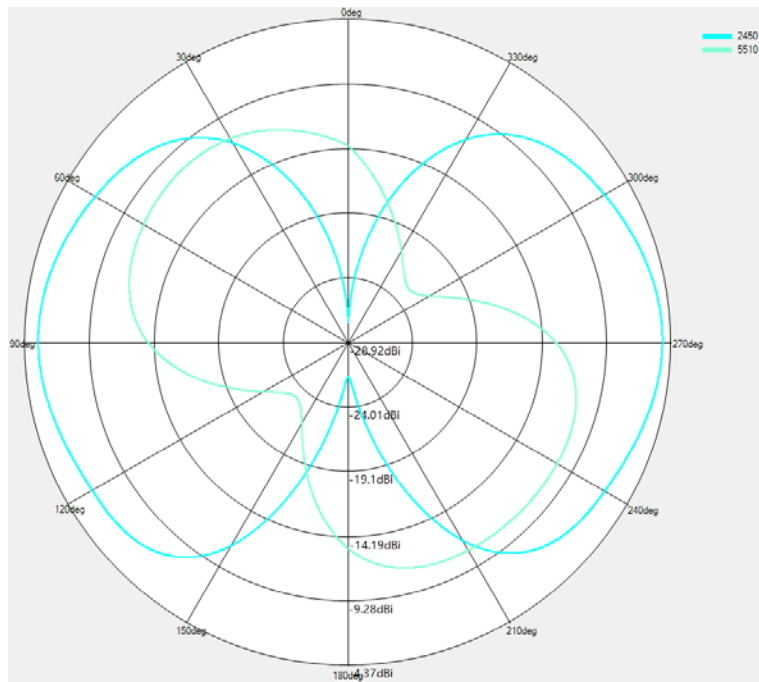
2.4G/5G WIFI&BT Theta=90deg



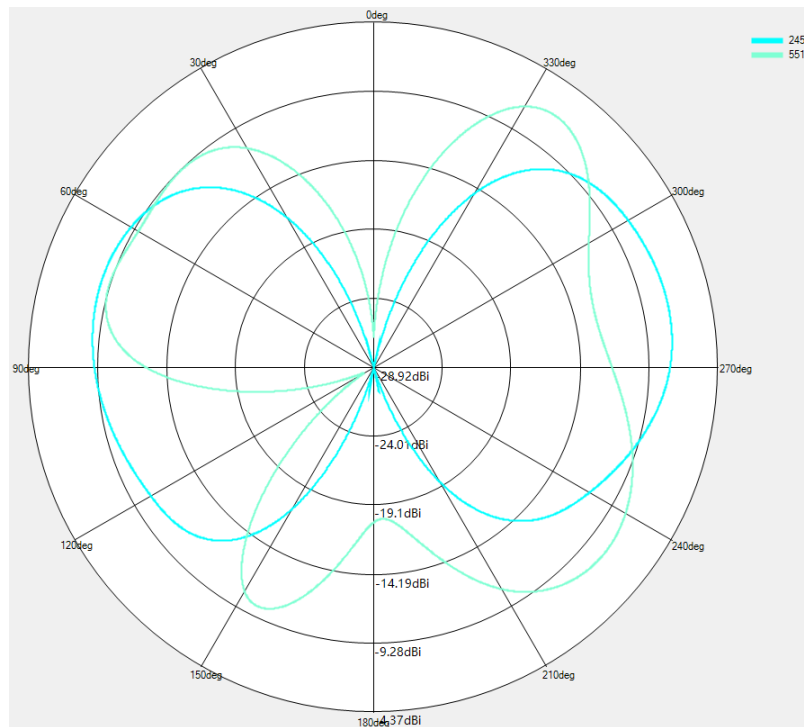
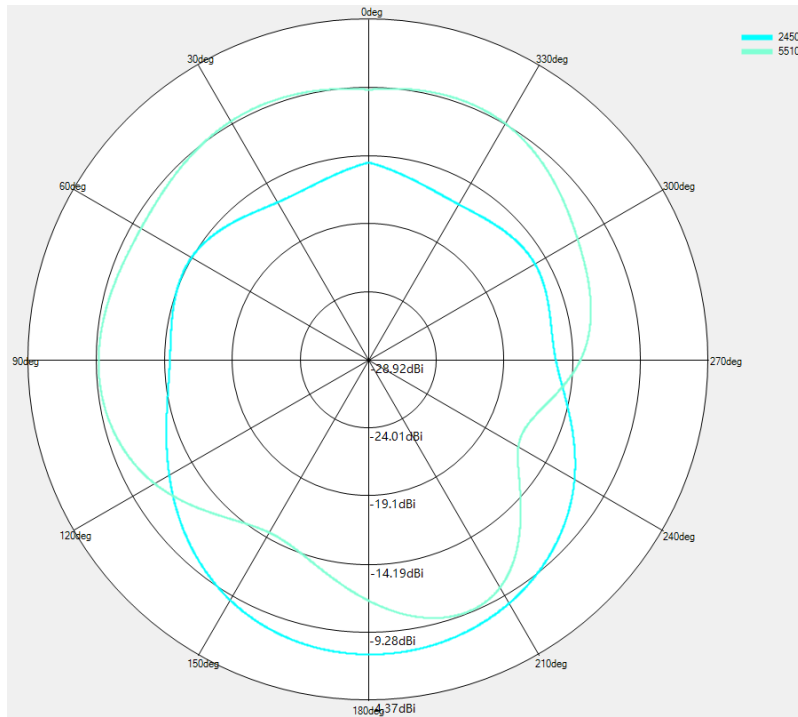
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

ANT14

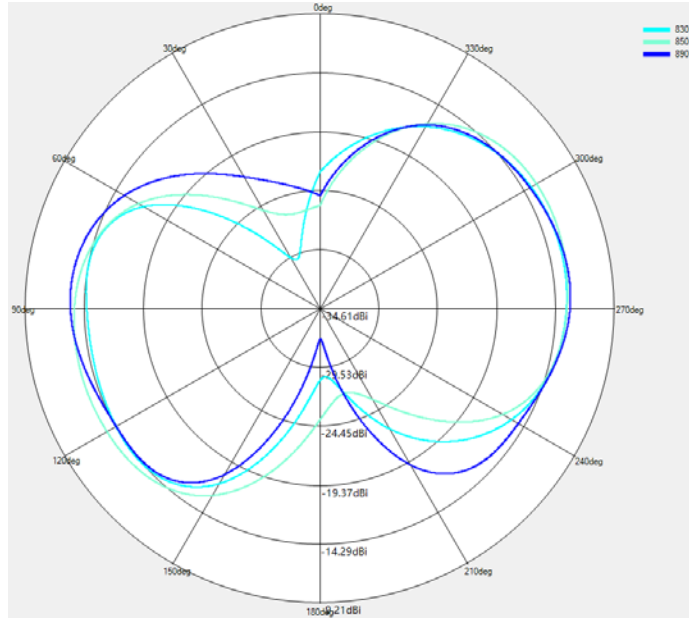


2.4G/5G WIFI&BT Theta=0deg

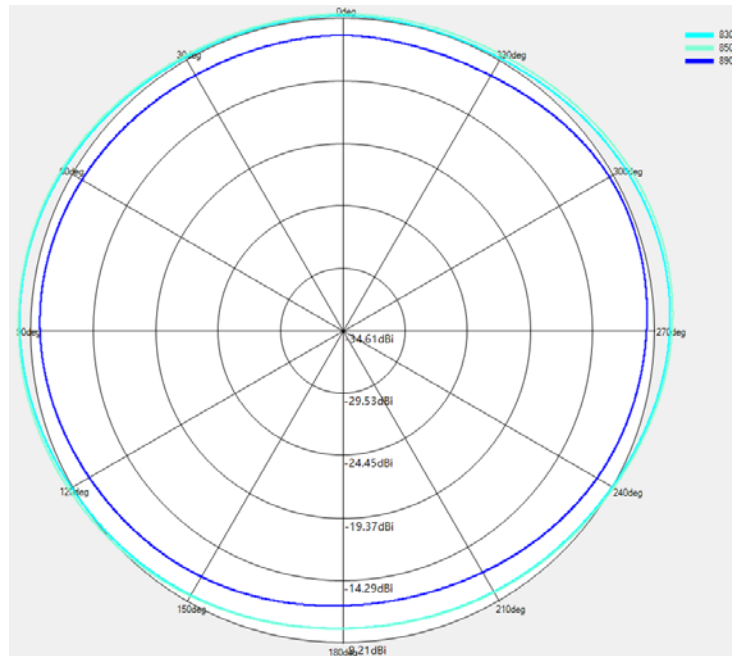


※ Antenna Gain

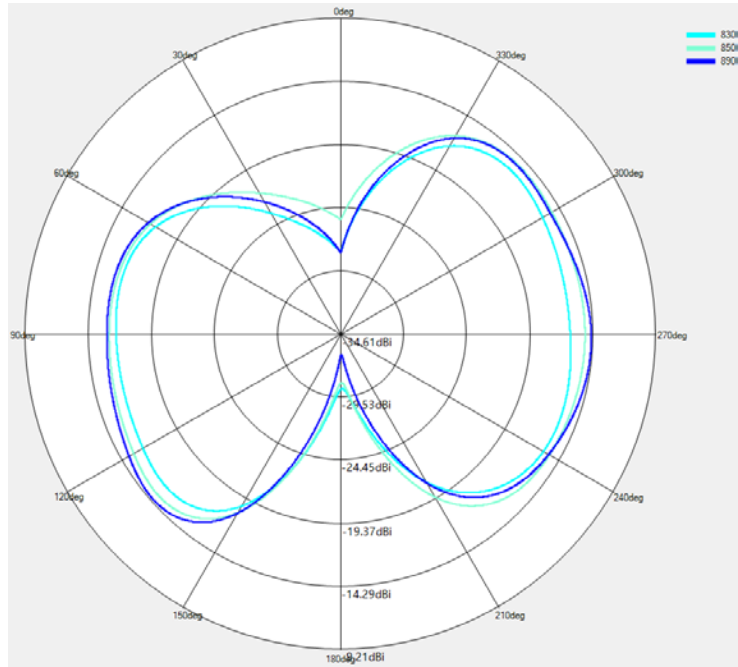
ANT0



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



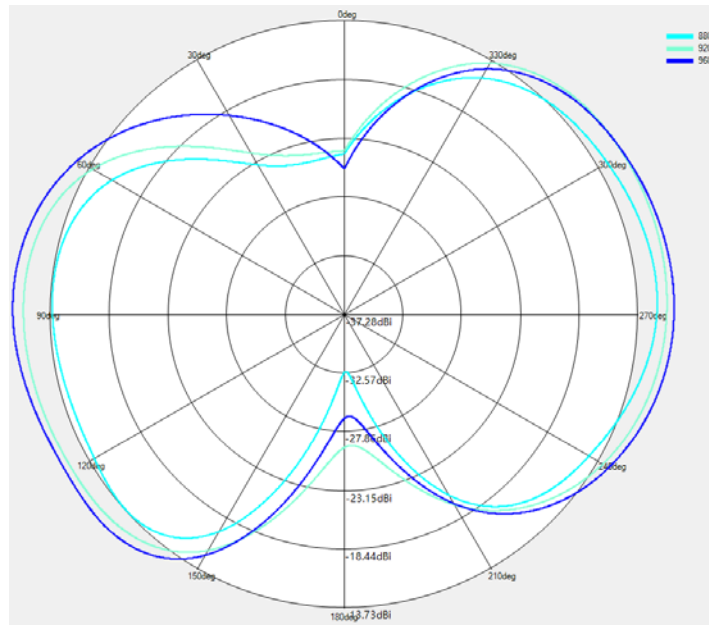
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



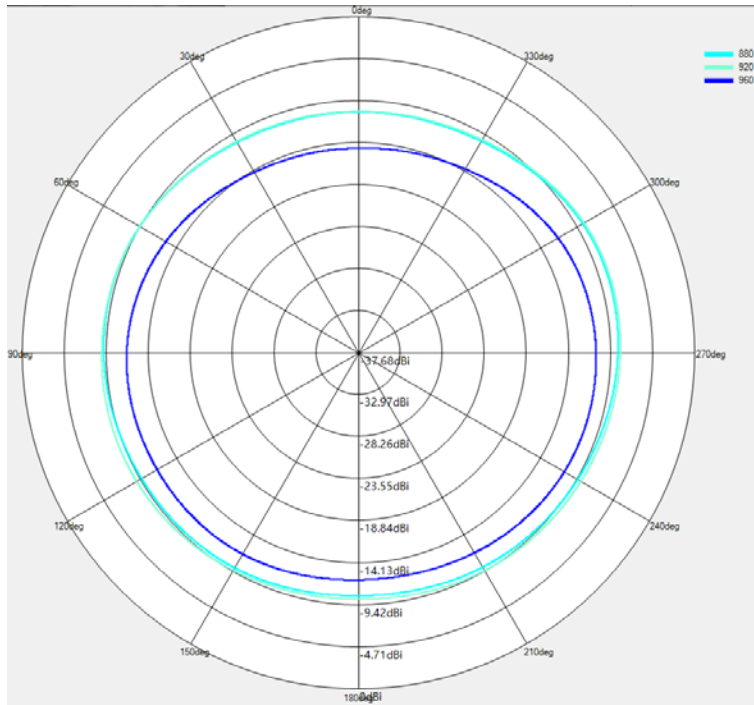
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

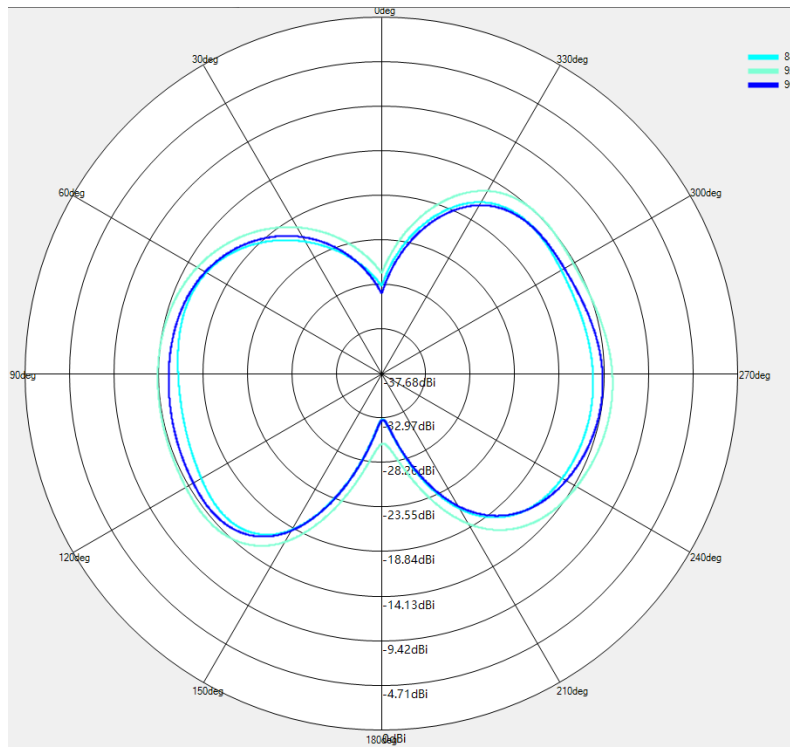
ANT0



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



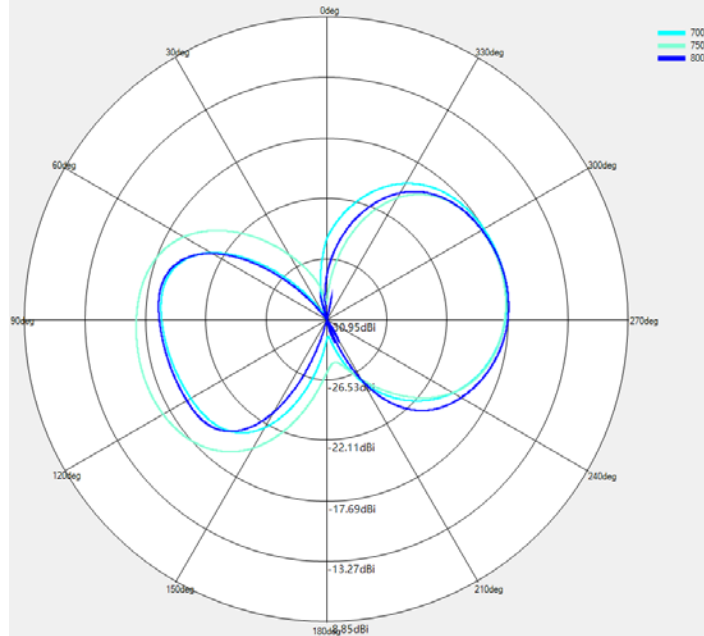
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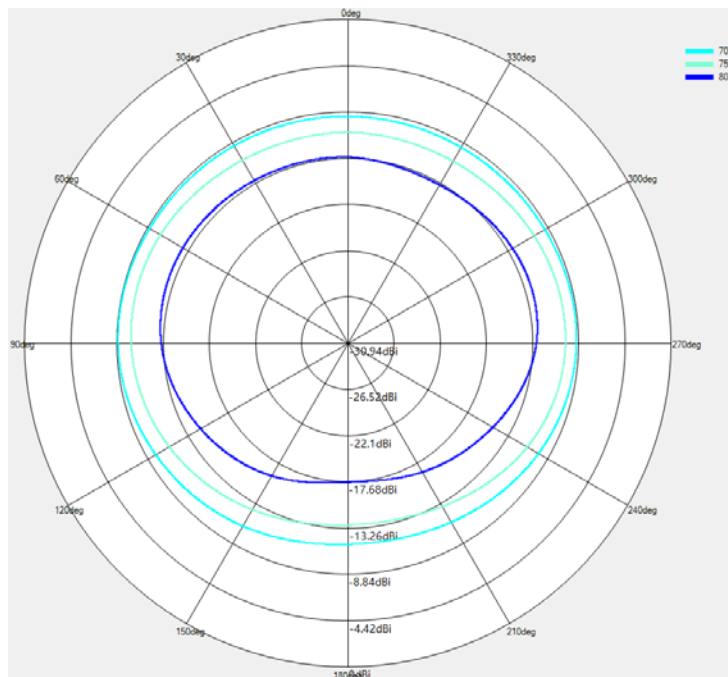
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※ Antenna Gain

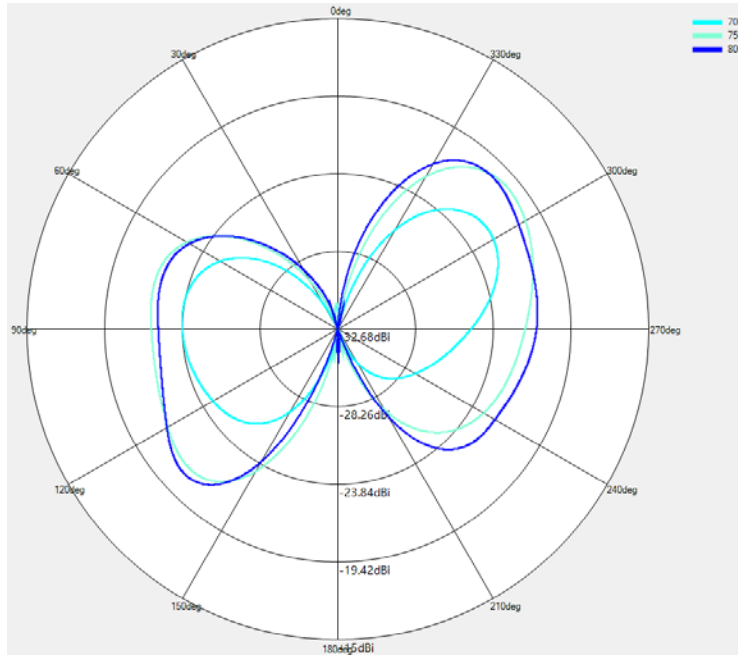
ANT0



LTE B12/B17/B28 Theta=0deg



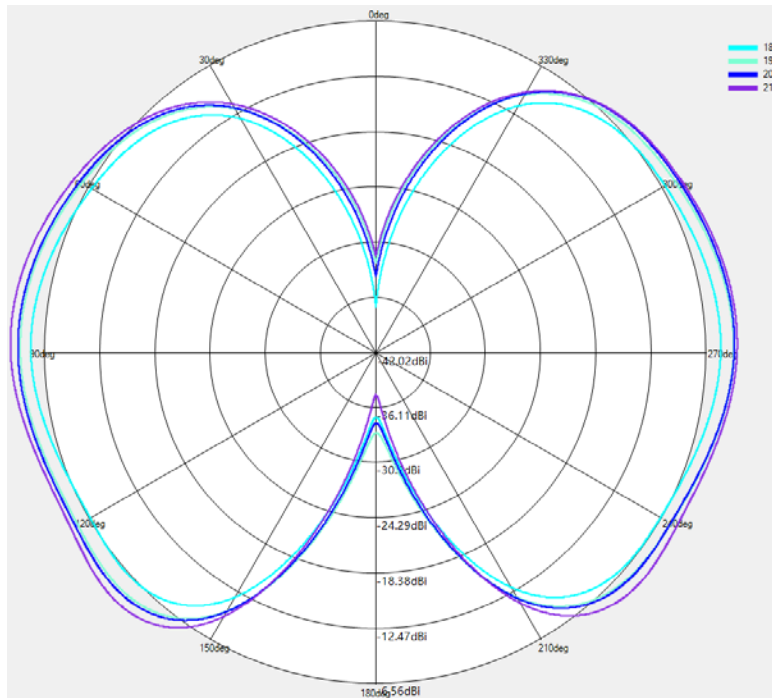
LTE B12/B17/B28 Theta=90deg



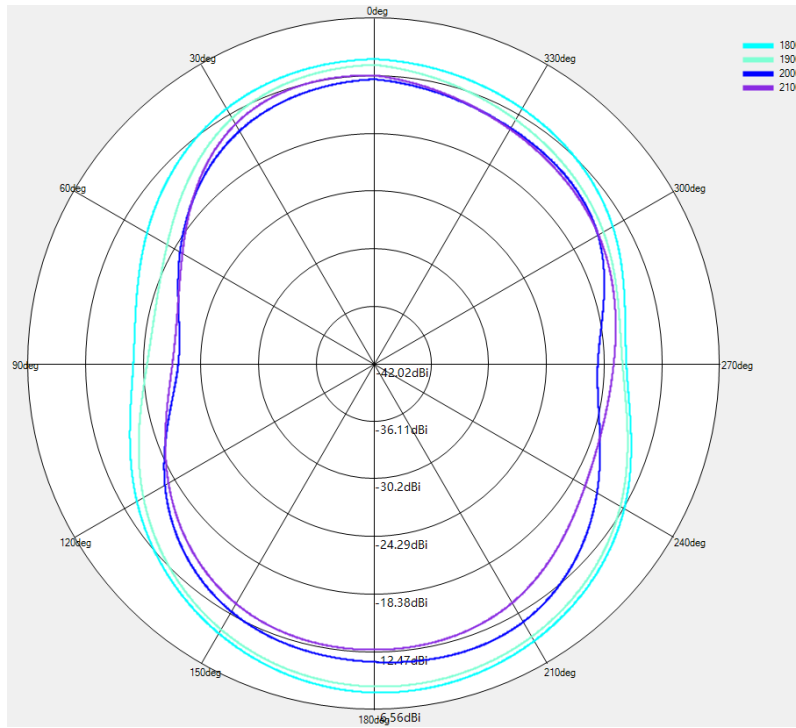
LTE B12/B17/B28 Phi=90deg

※ Antenna Gain

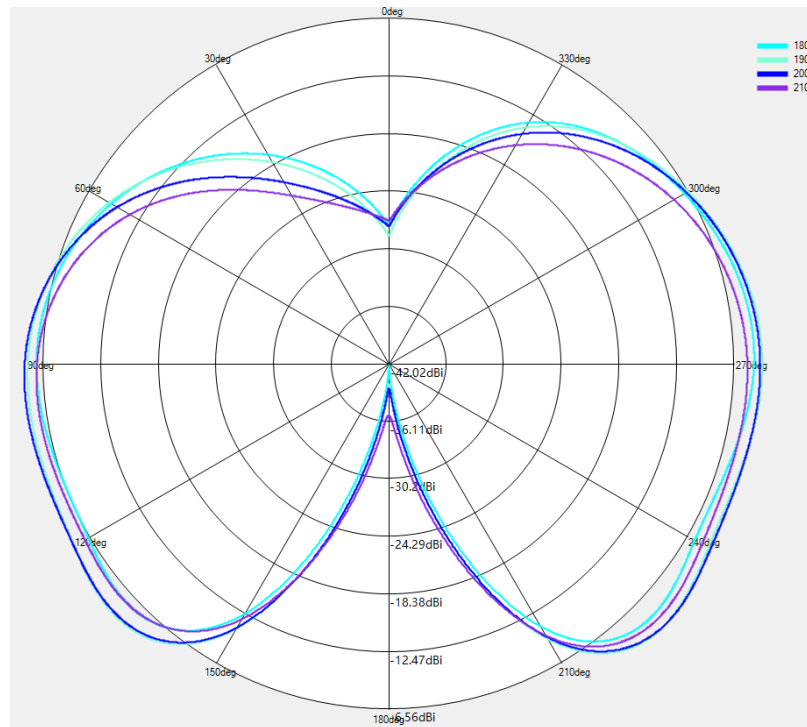
ANT4



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



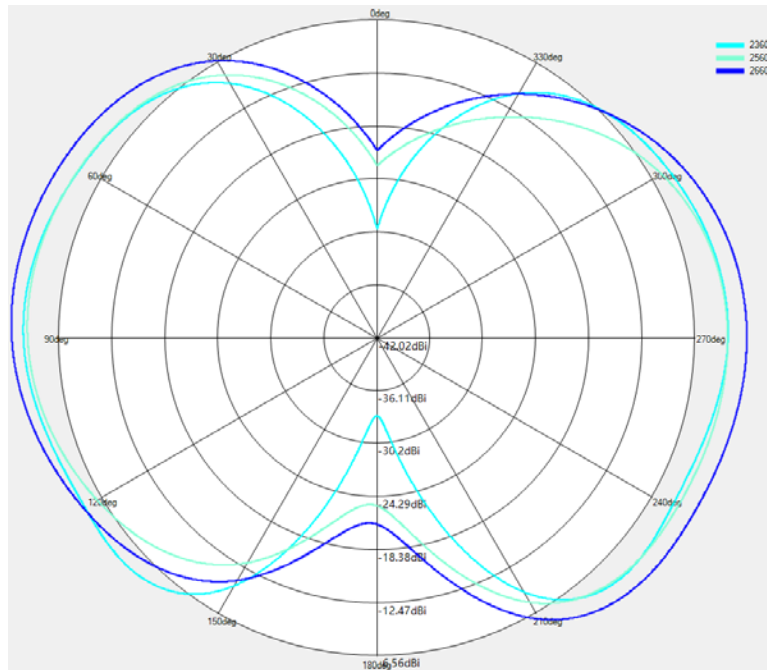
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Theta=90deg



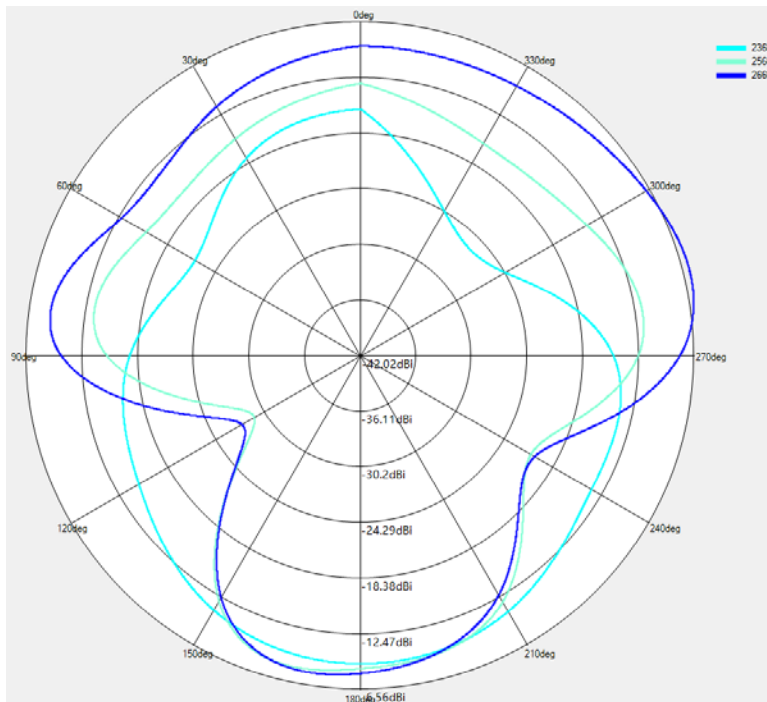
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Phi=90deg

※ Antenna Gain

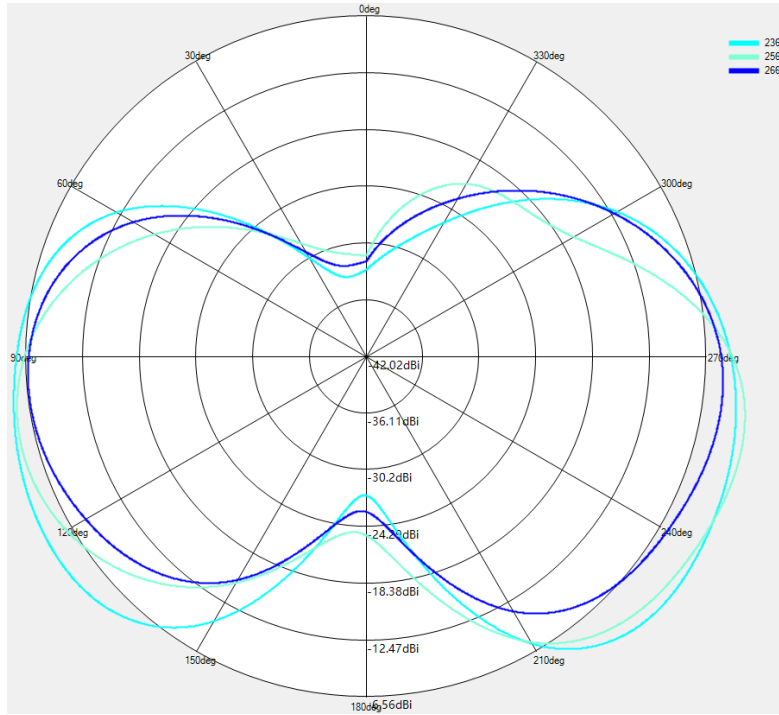
ANT4



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



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



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Peitian.zhang		DATE:	2023/09/25