

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</p> <p style="text-align: center;">No. 2 Yucheng Road, Shatounan District, Chang'an Town, Dongguan City</p>	<p style="text-align: center;">X6860-ANT0 X6860-ANT1 X6860-ANT2 X6860-ANT3 X6860-ANT4 X6860-ANT12 X6860-ANT13 X6860-ANT14</p>

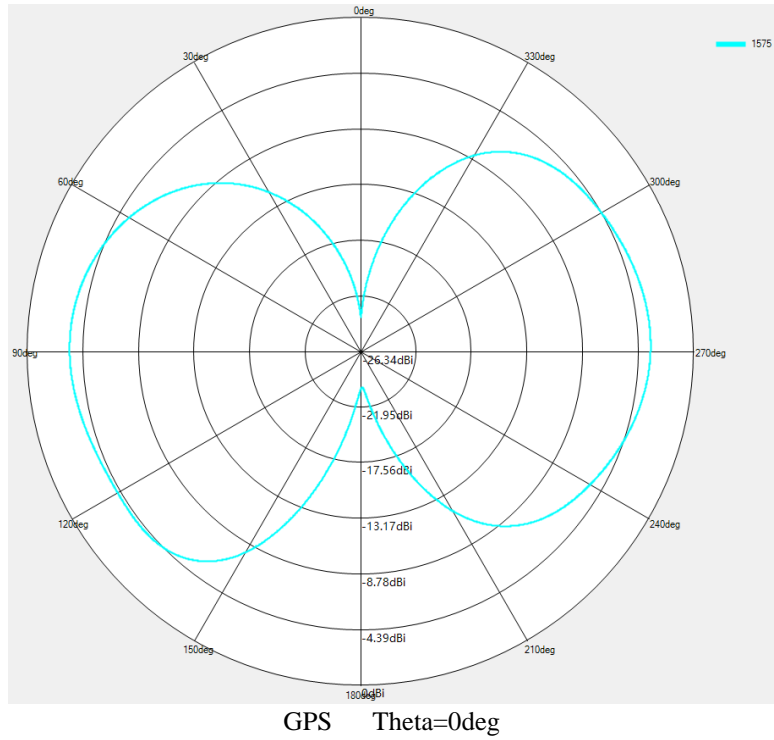
TYPE	
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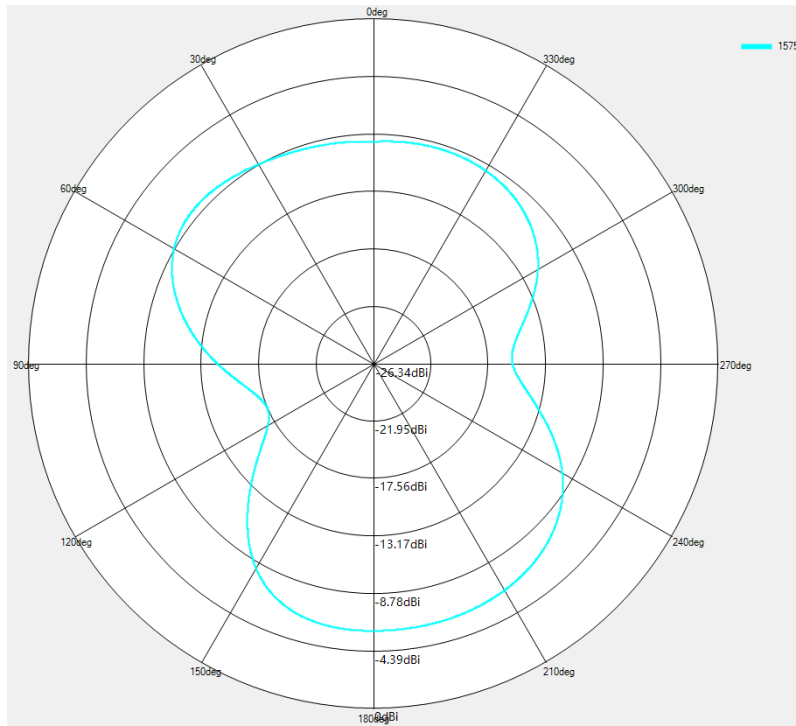
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824 - 849 MHz		
	GSM 900/WCDMA B8/LTE B8 : 880 - 915 MHz		
	DCS /WCDMA B4/LTE B3/B4: 1710 - 1785 MHz		
	PCS/WCDMA B2/LTE B2:1850-1910MHz		
	WCDMA B1/LTE B1 : 1920 - 1980MHz		
	LTE B7 :2496-2565MHz		
	LTE B40 :2300-2400MHz		
	LTE B38/B41 :2565-2645MHz		
	LTE B20 :832-862MHz		
	LTE B28 :710-755MHz		
	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		
Receiver Frequency	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			
ANT12 GPS(L1): -1.41 dBi			
ANT13 WIFI 2.4G: -4. 12 dBi			
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 B28 : -7.95 dBi		
	ANT1	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	

	ANT14	WIFI 2.4G: -3.37 dBi 5G: -3.19 dBi
	ANT2	GSM 850/WCDMA B5/LTE B5 : -6.29 dBi
		GSM 900/WCDMA B8/LTE B8 : -5.74dBi
		LTE B20: -6.29 dBi
		LTE B28 : -7.05 dBi
	ANT3	DCS /WCDMA B4/LTE B3/B4: -3.5 dBi
		PCS/WCDMA B2/LTE B2: -3.3 dBi
		WCDMA B1/LTE B1 : -3.3 dBi
		LTE B7/B38/B41 : -1.78 dBi
		LTE B40 : -2.04 dBi
Type of Modulation		

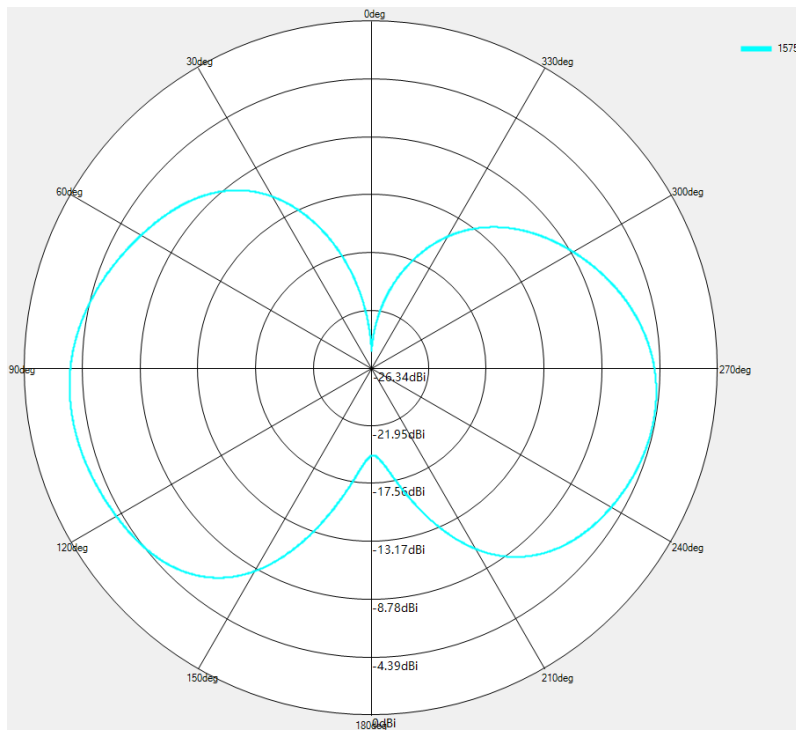
※ Antenna Gain

ANT12





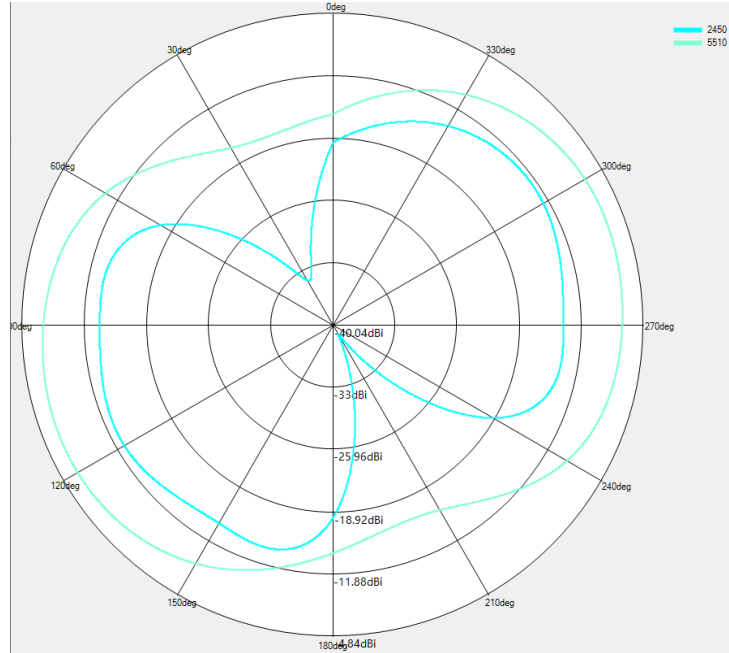
GPS $\Theta = 90^\circ$



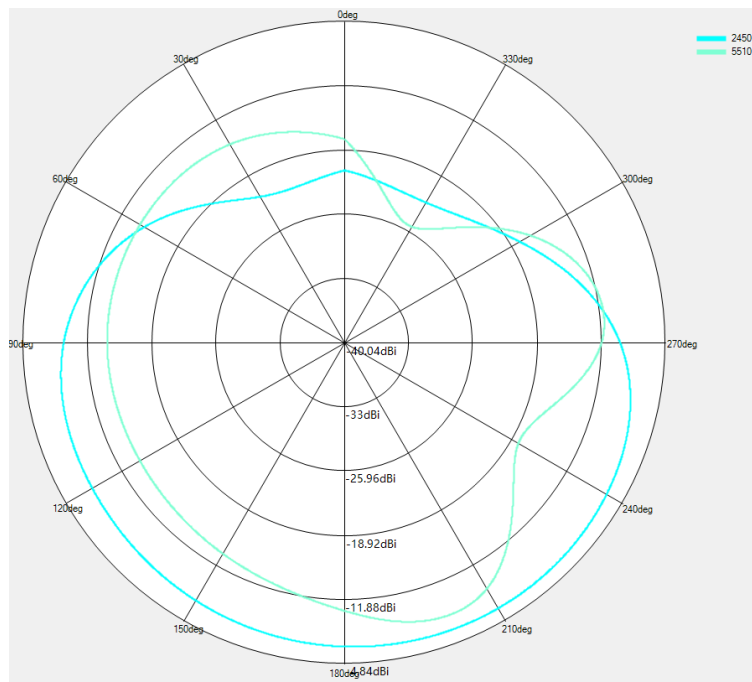
GPS $\Phi = 90^\circ$

※ Antenna Gain

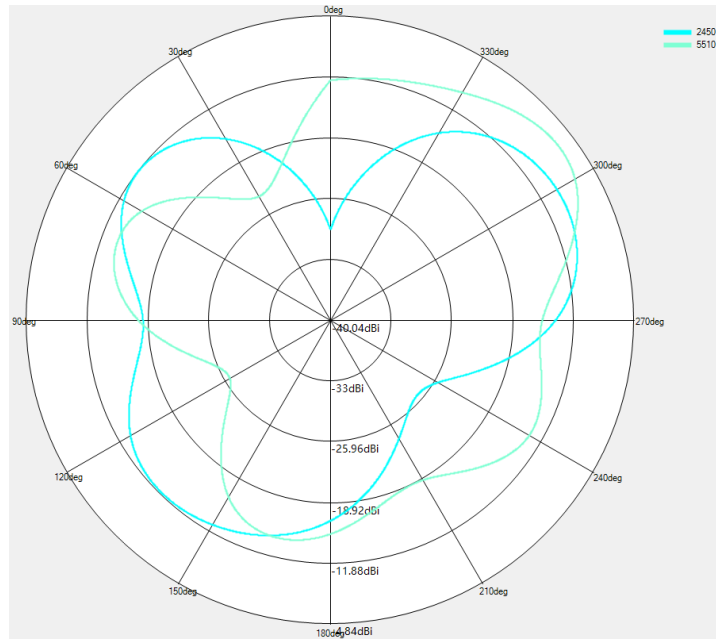
ANT14



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



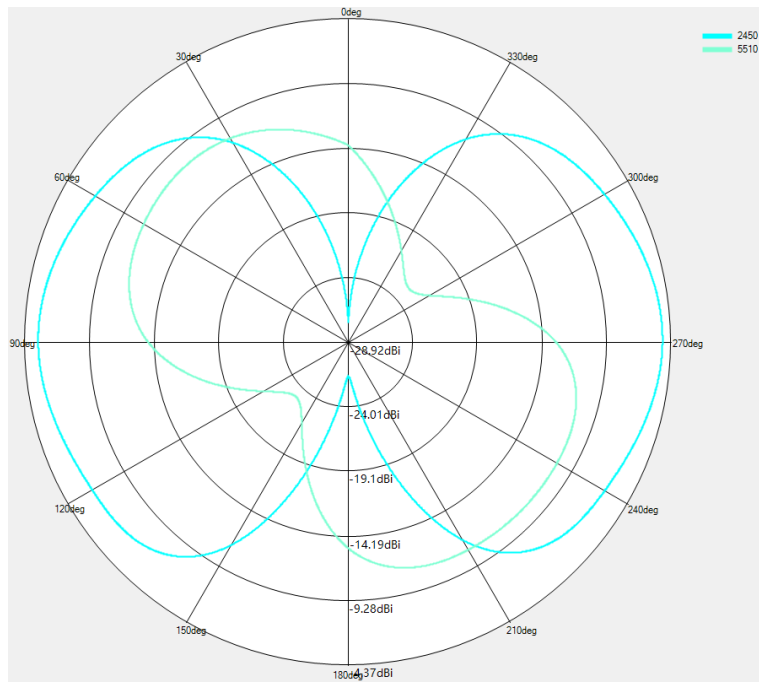
2.4G/5G WIFI&BT Theta=90deg



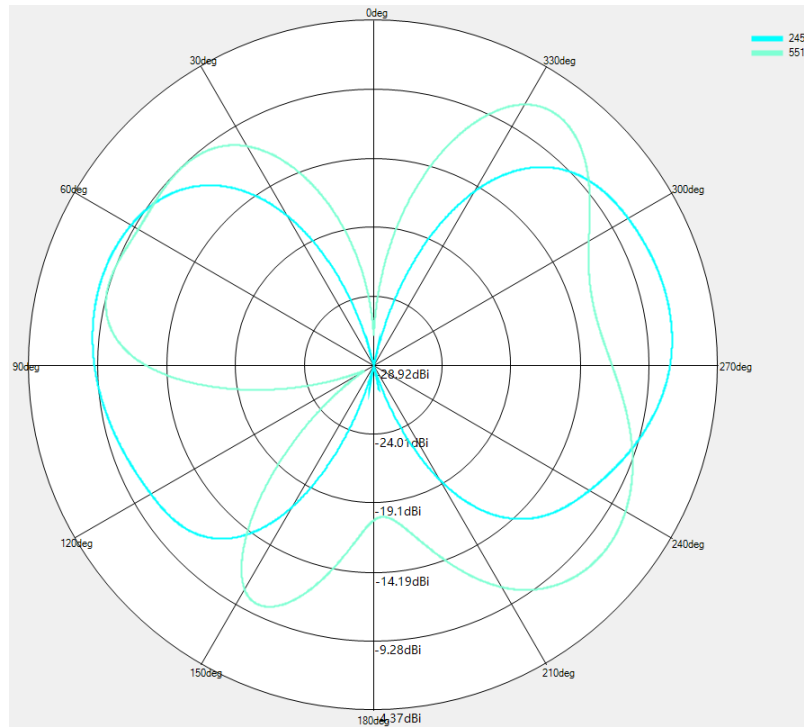
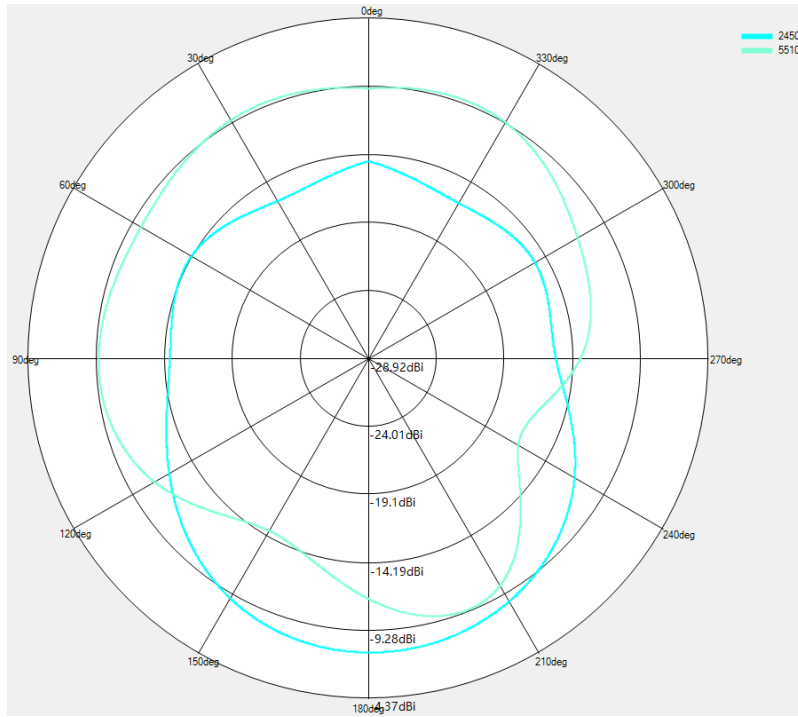
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

ANT13

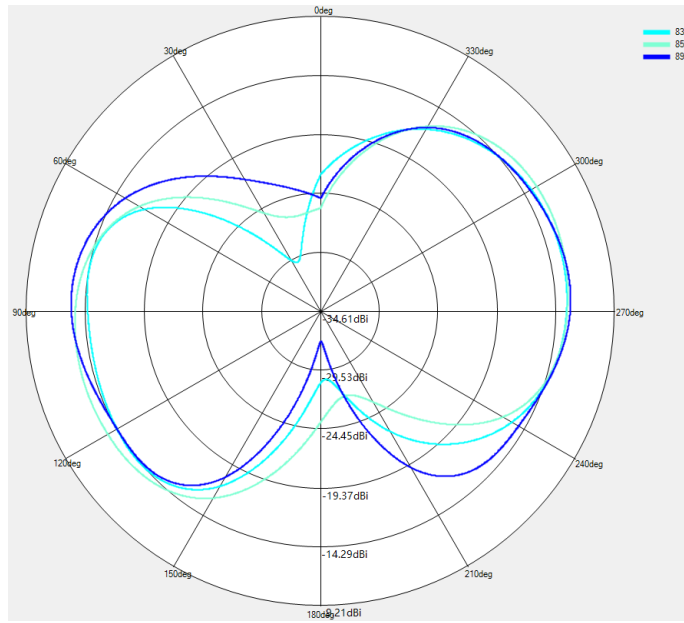


2.4GWIFI&BT Theta=0deg

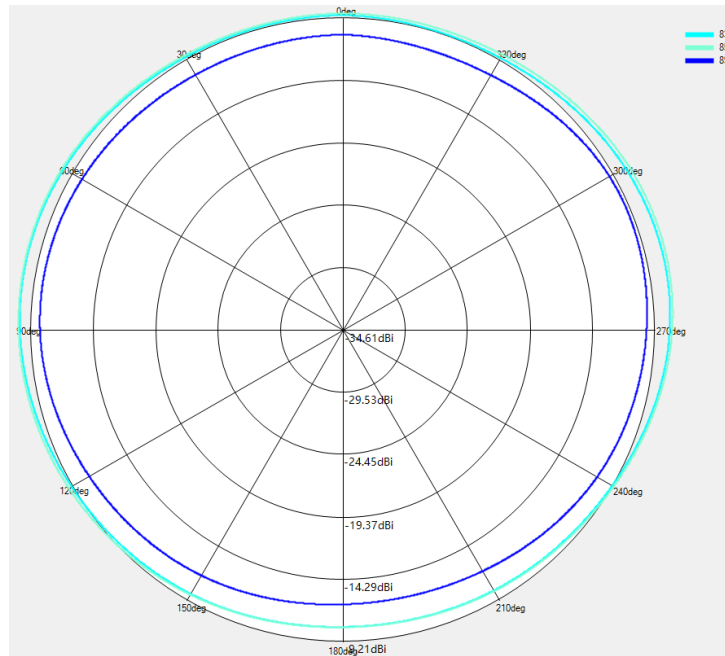


※ Antenna Gain

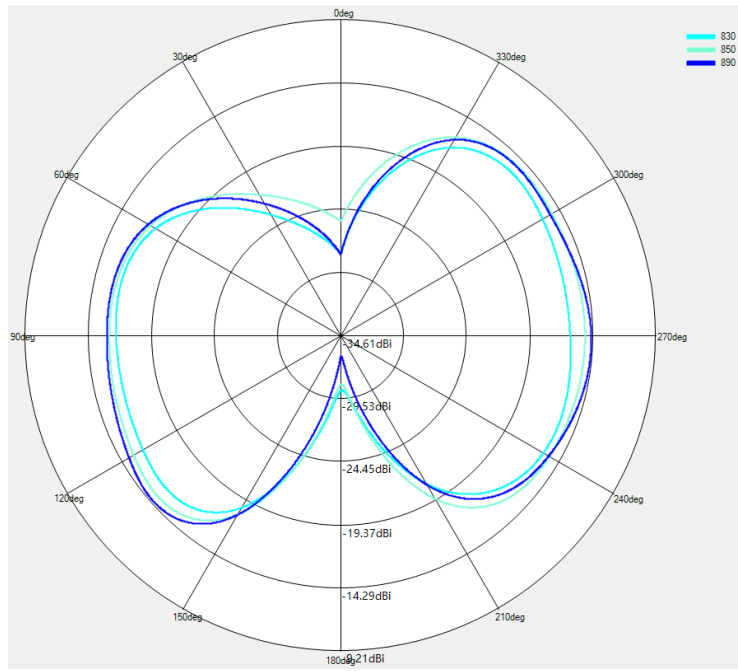
ANT0



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



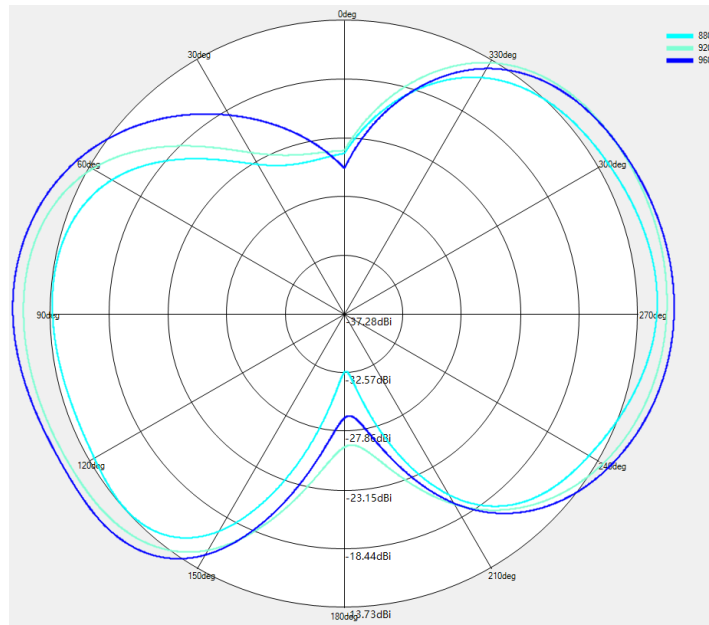
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



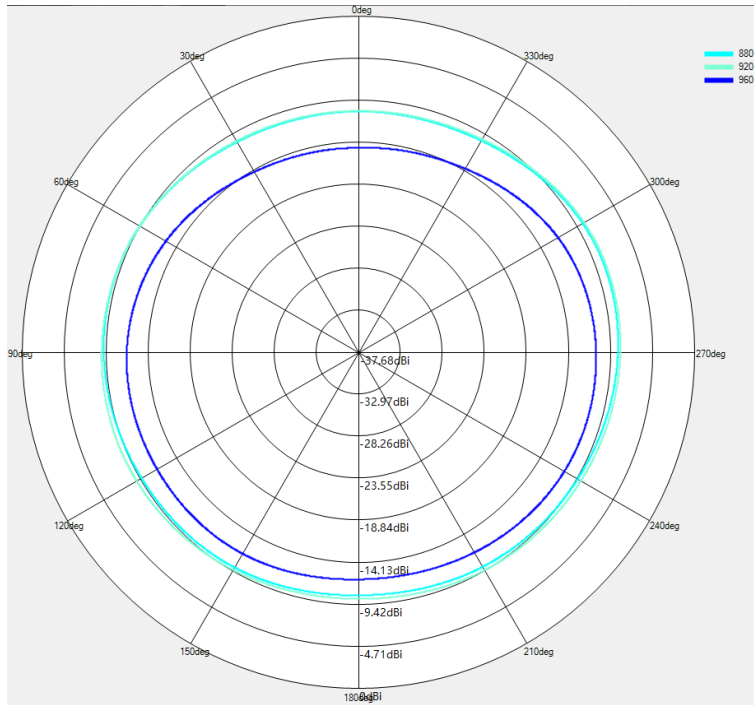
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

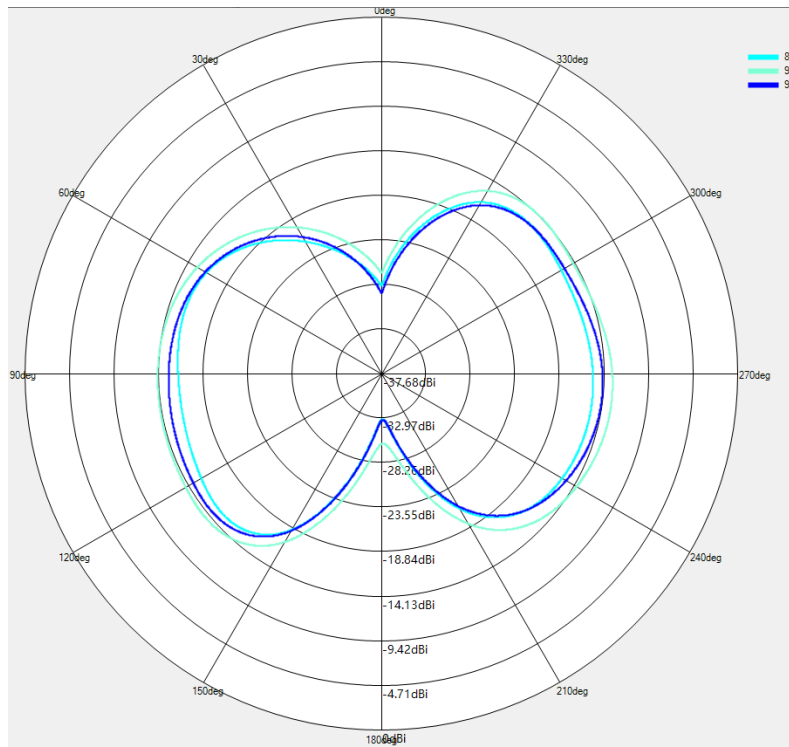
ANT0



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



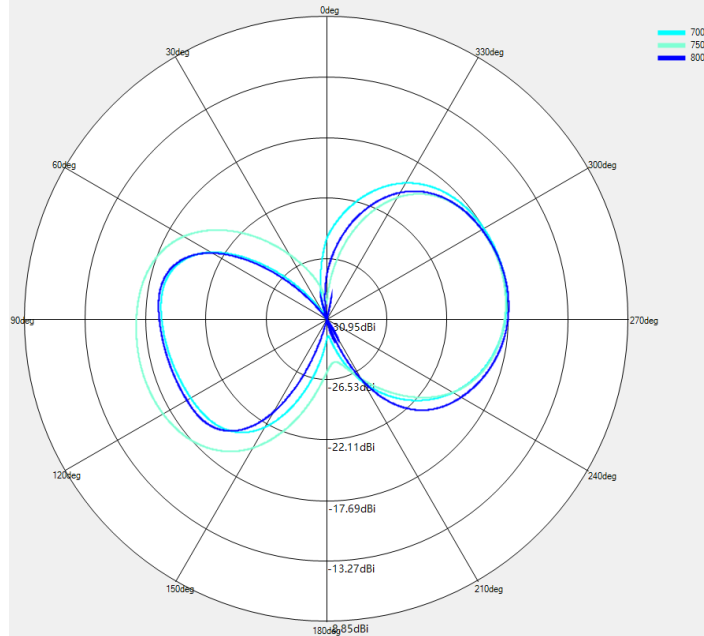
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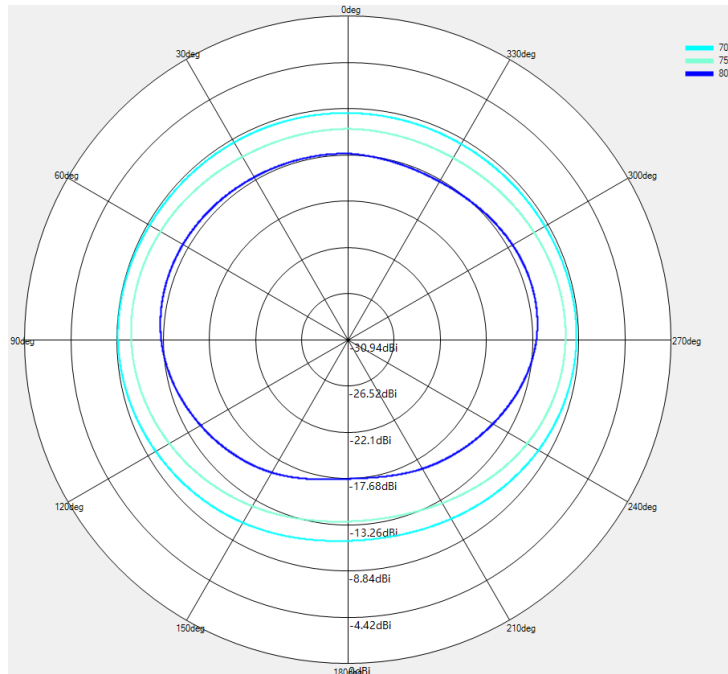
GSM 900/WCDMA B8/LTE B8 Phi=90deg

※ Antenna Gain

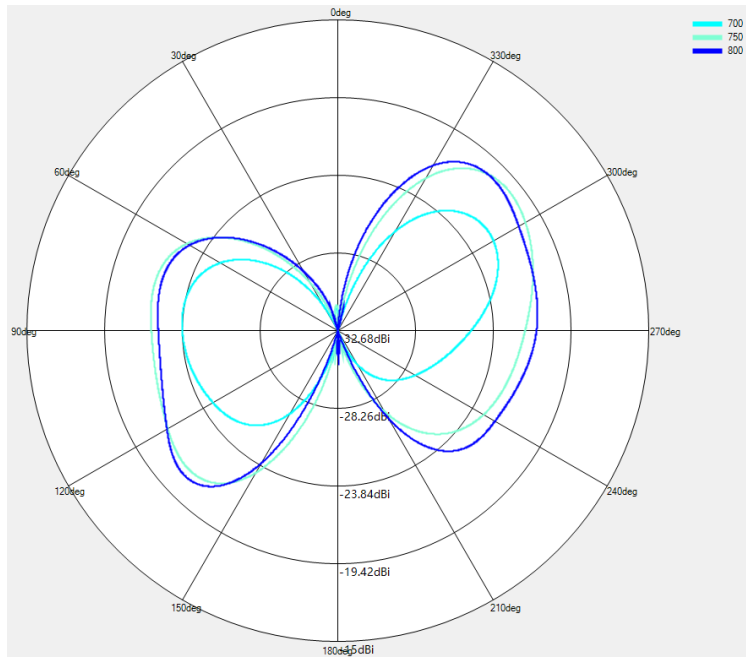
ANT0



LTE B28 Theta=0deg



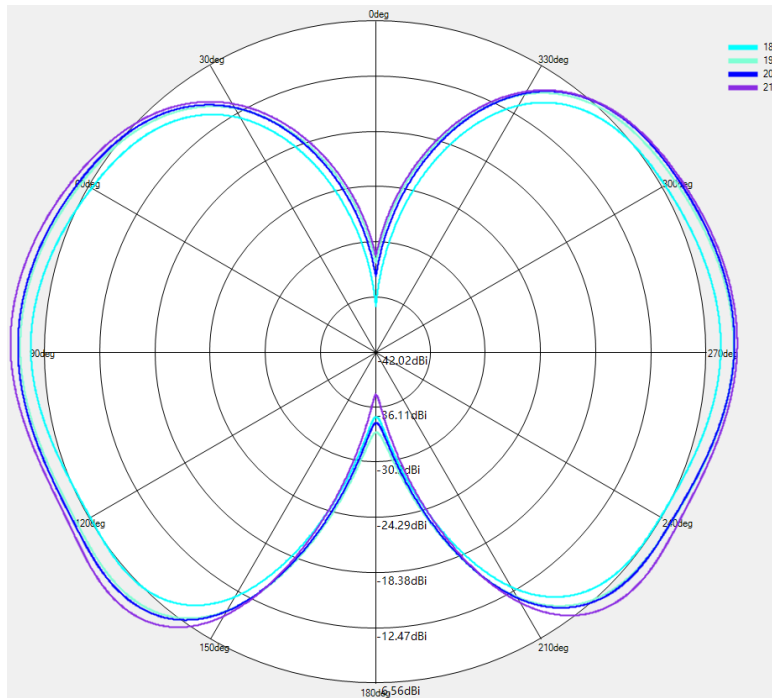
LTE B28 Theta=90deg



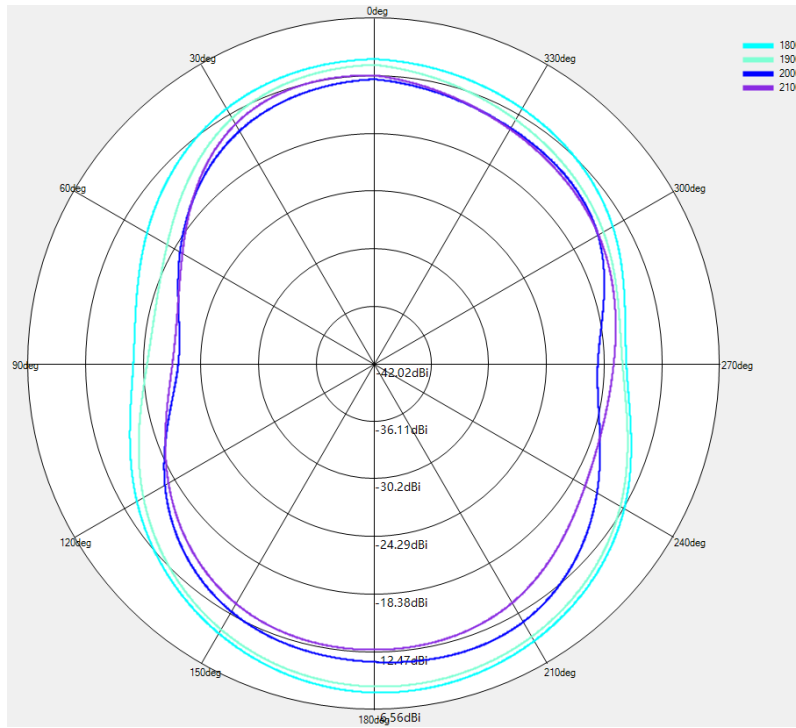
LTE B28 Phi=90deg

※ Antenna Gain

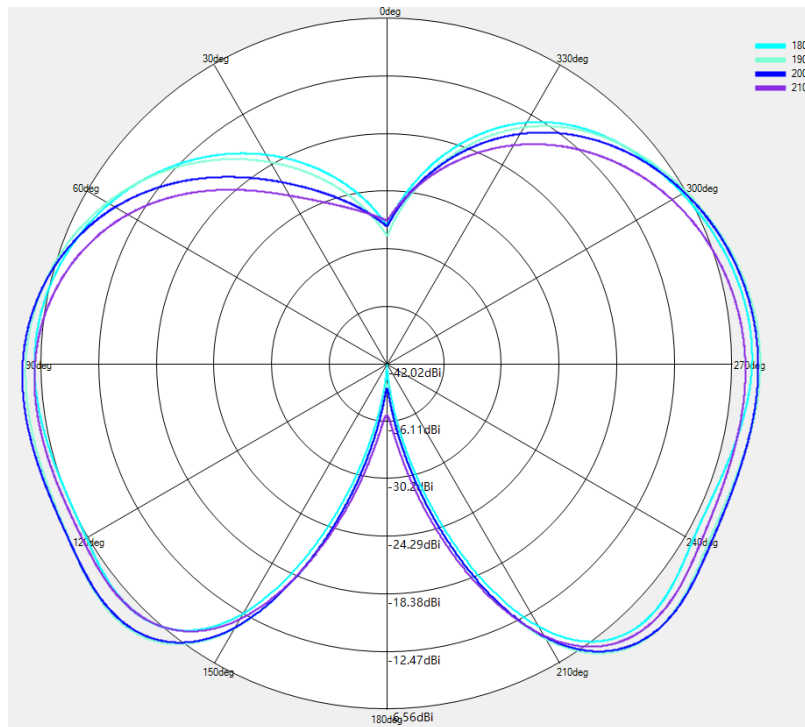
ANT1



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



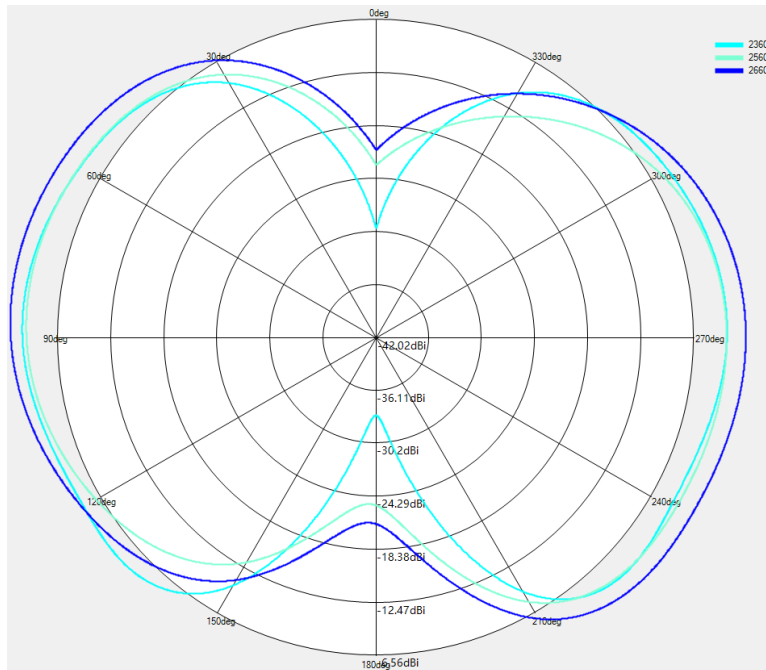
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Theta=90deg



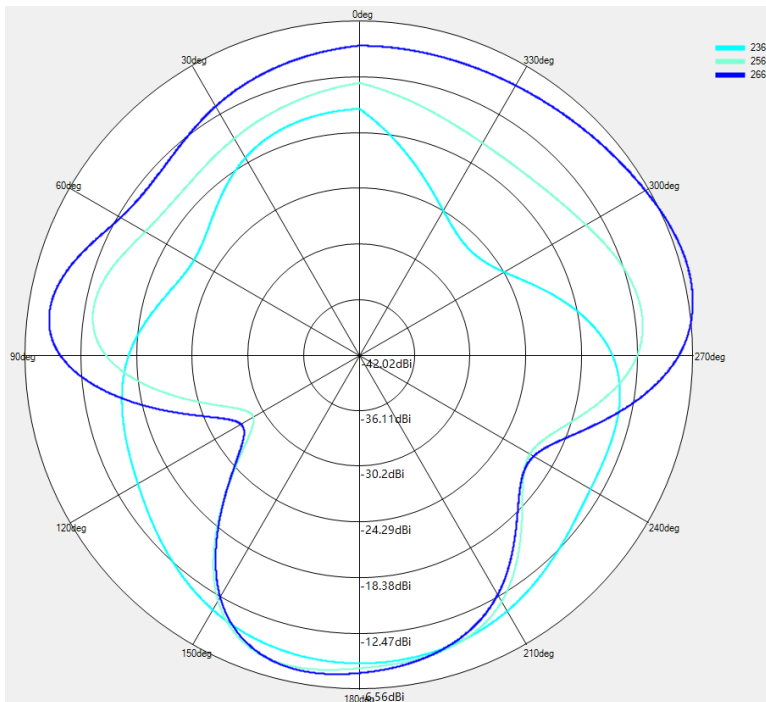
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4/B66 Phi=90deg

※ Antenna Gain

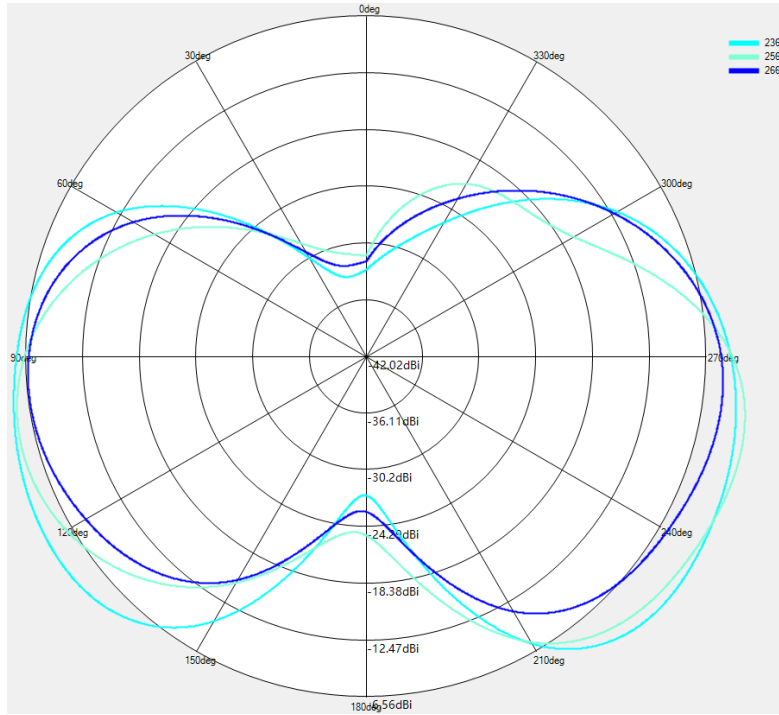
ANT1



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



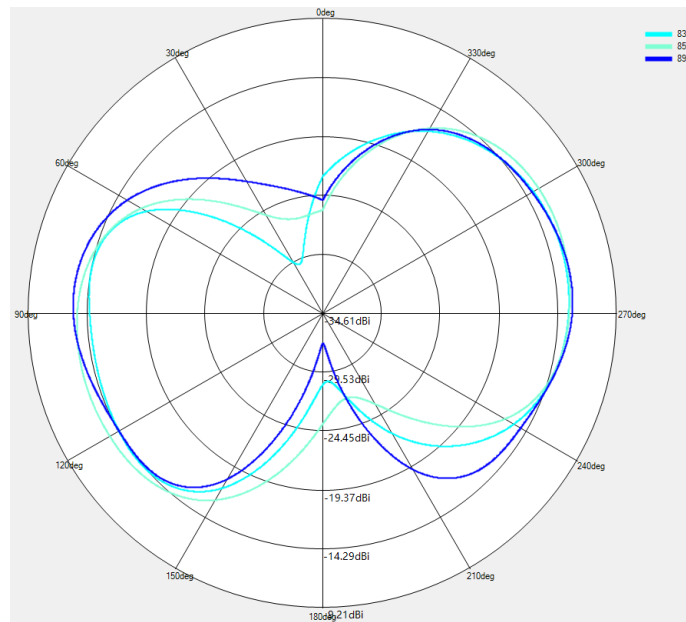
LTE B7/B38/B40/B41 Theta=90deg



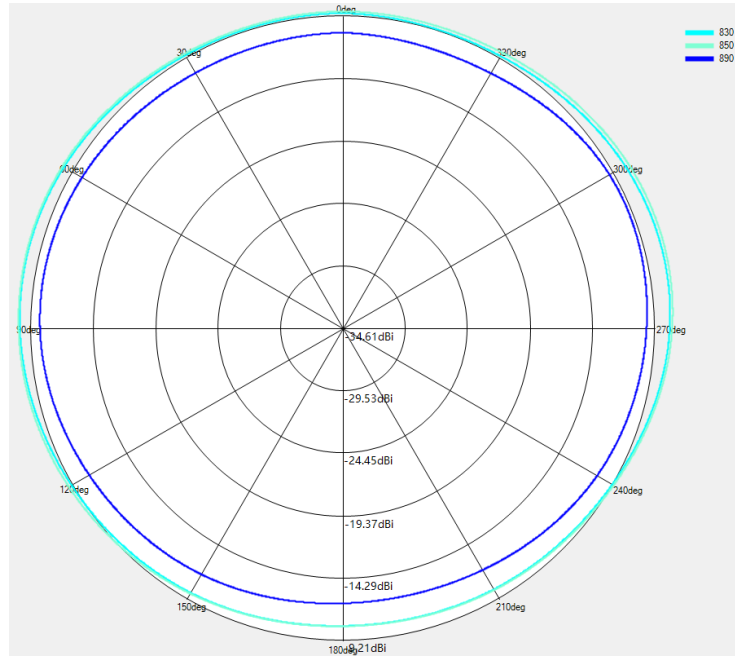
LTE B7/B38/B40/B41 Phi=90deg

※ Antenna Gain

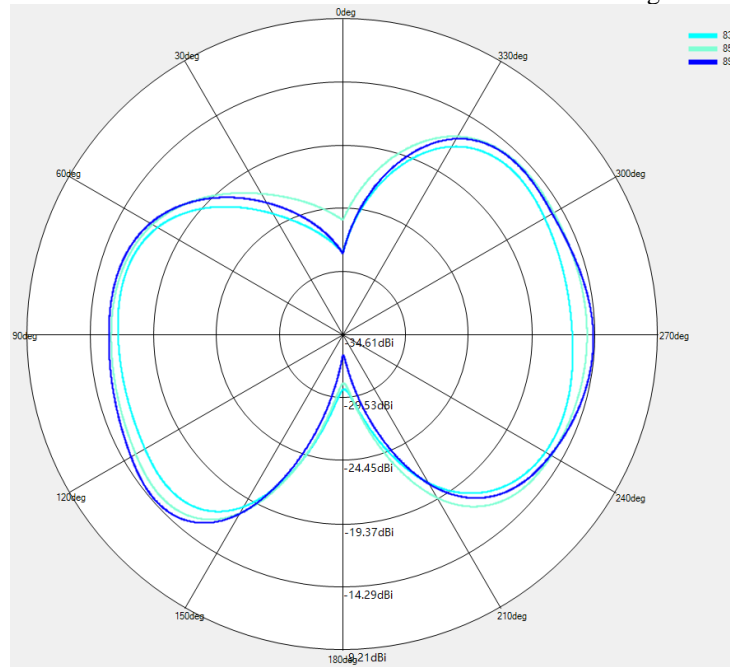
ANT2



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



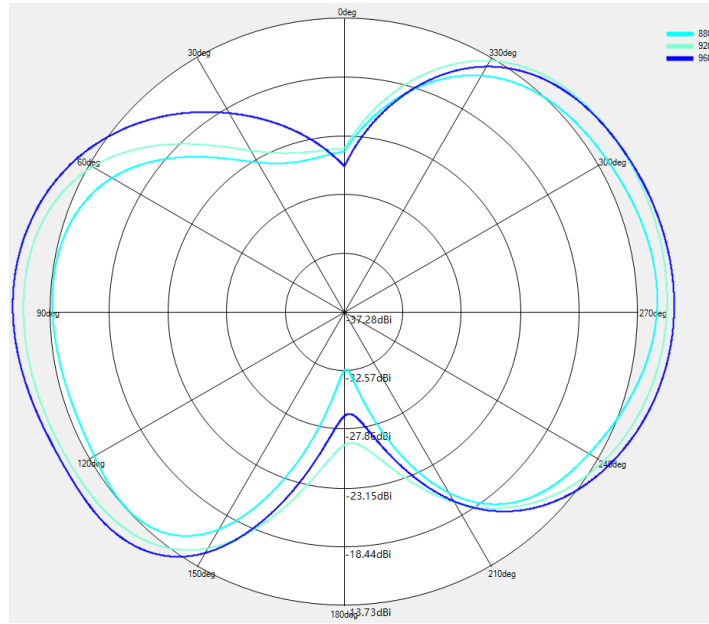
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



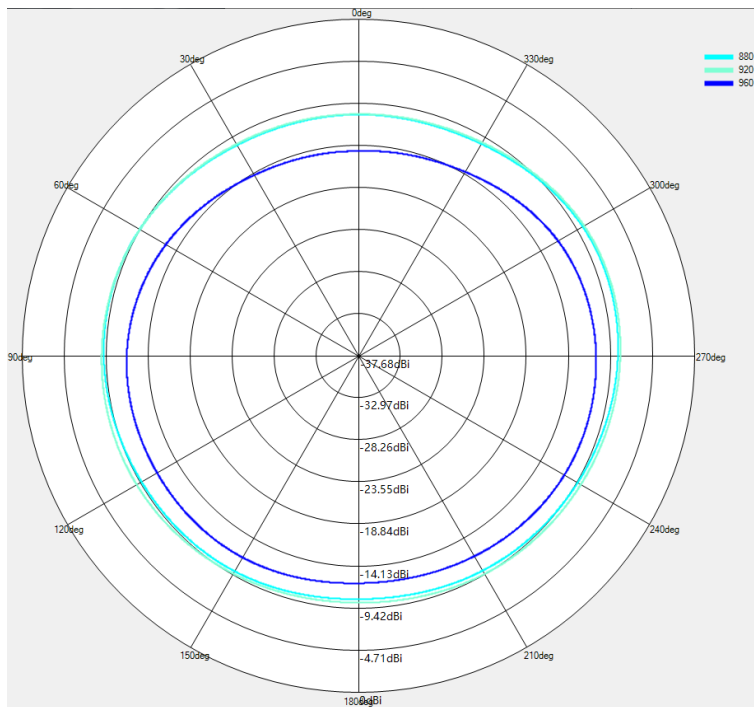
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

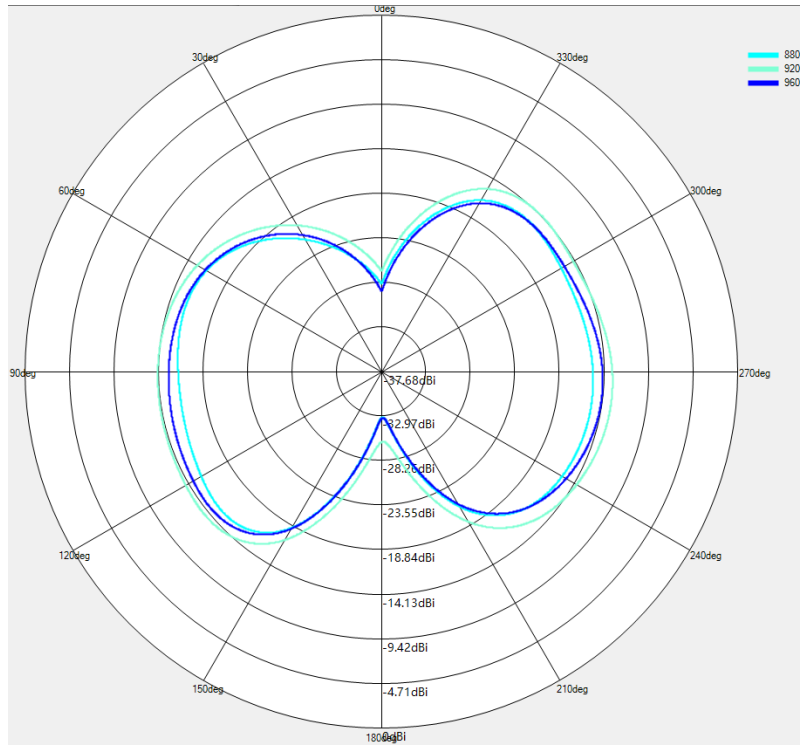
ANT2



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



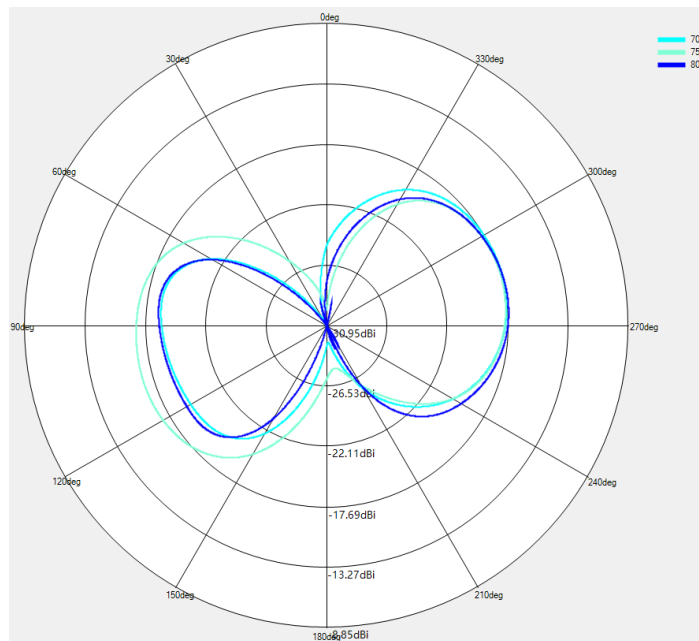
GSM 900/WCDMA B8/LTE B8 Theta=90deg



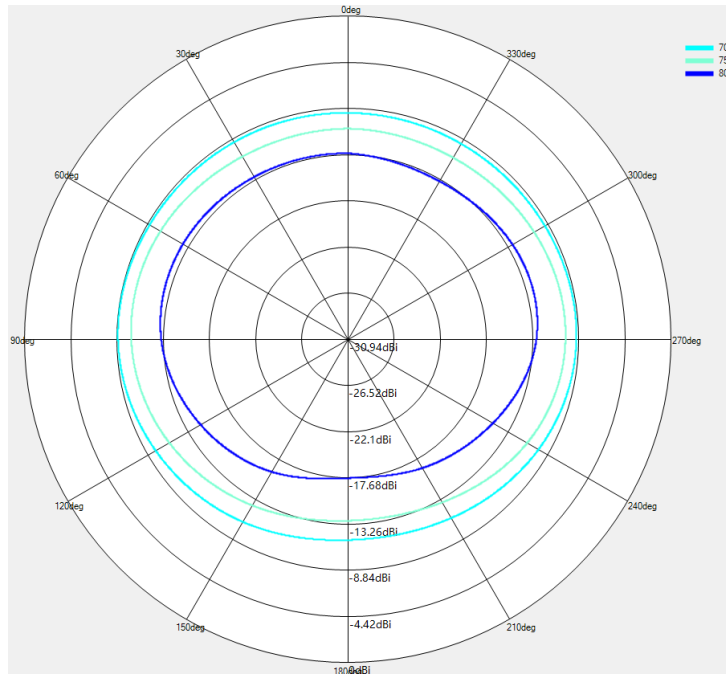
GSM 900/WCDMA B8/LTE B8 Phi=90deg

※ Antenna Gain

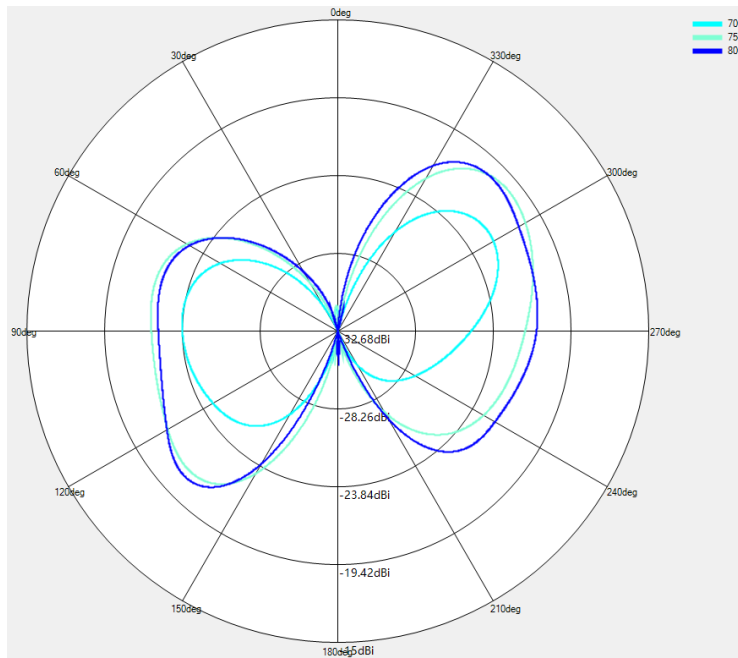
ANT2



LTE B28 Theta=0deg



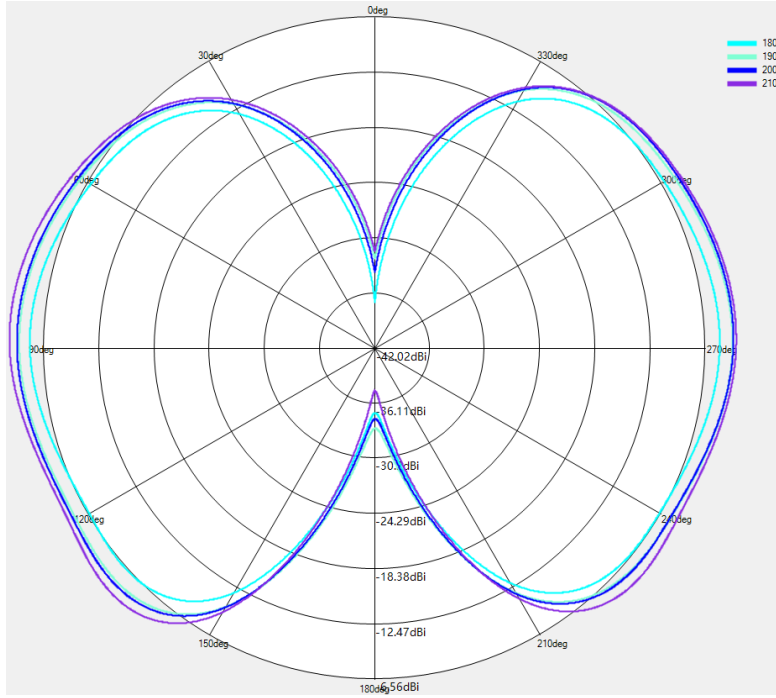
LTE B28 Theta=90deg



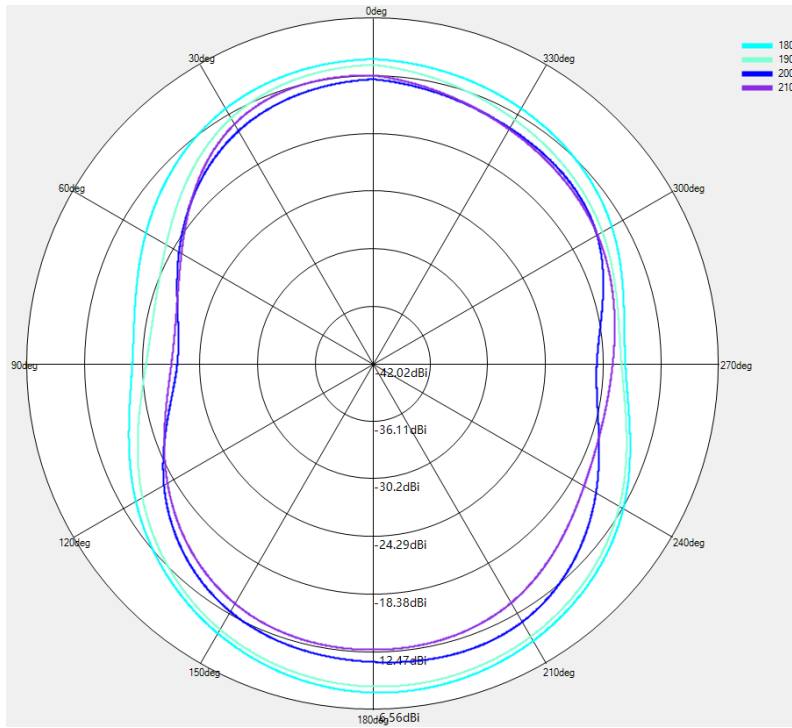
LTE B28 Phi=90deg

※ Antenna Gain

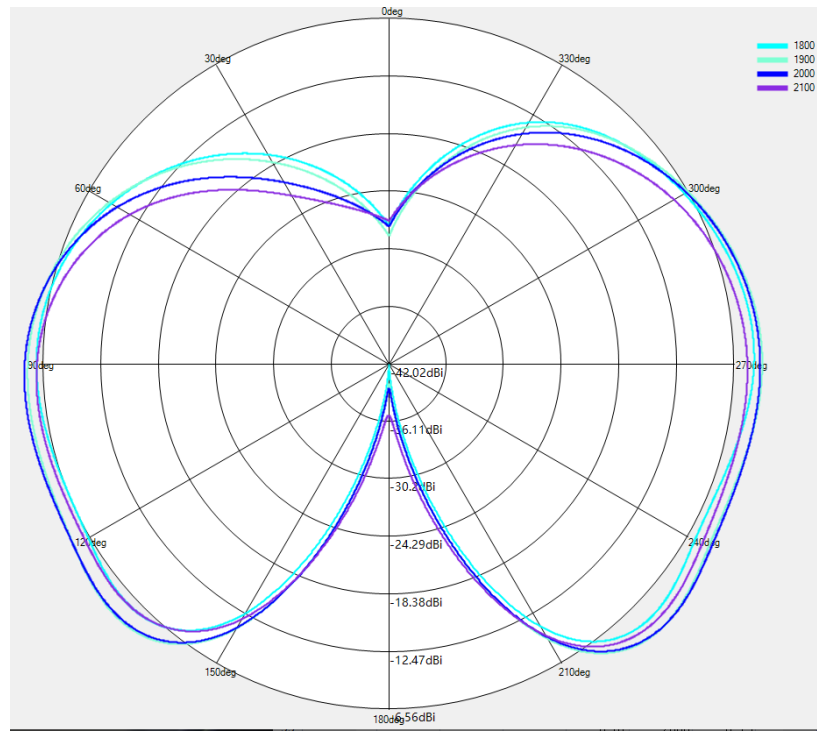
ANT3



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



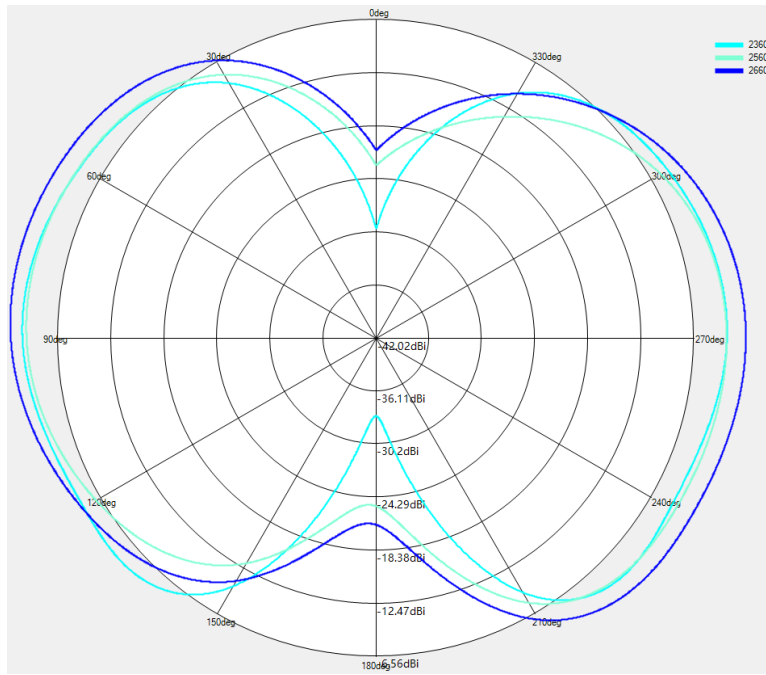
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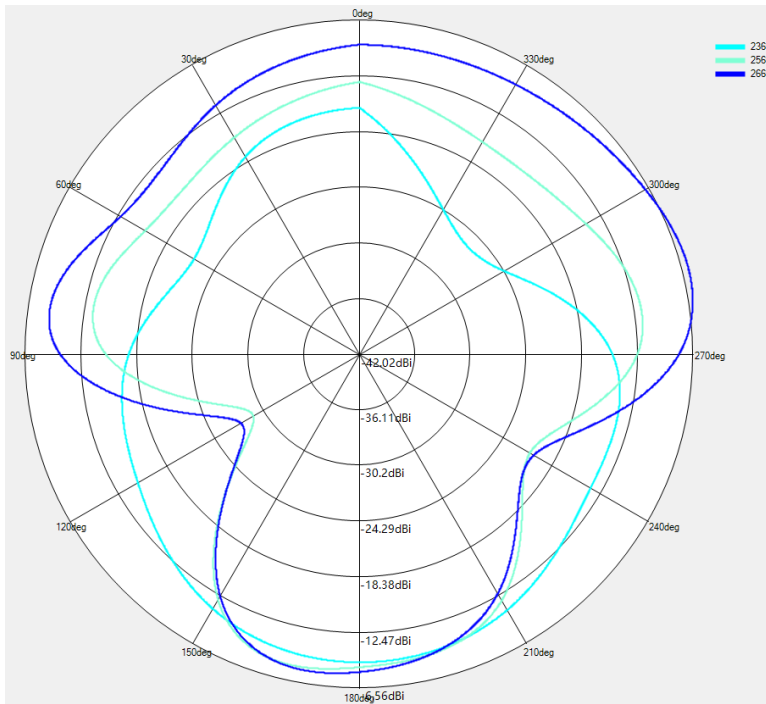
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4 Phi=90deg

※ Antenna Gain

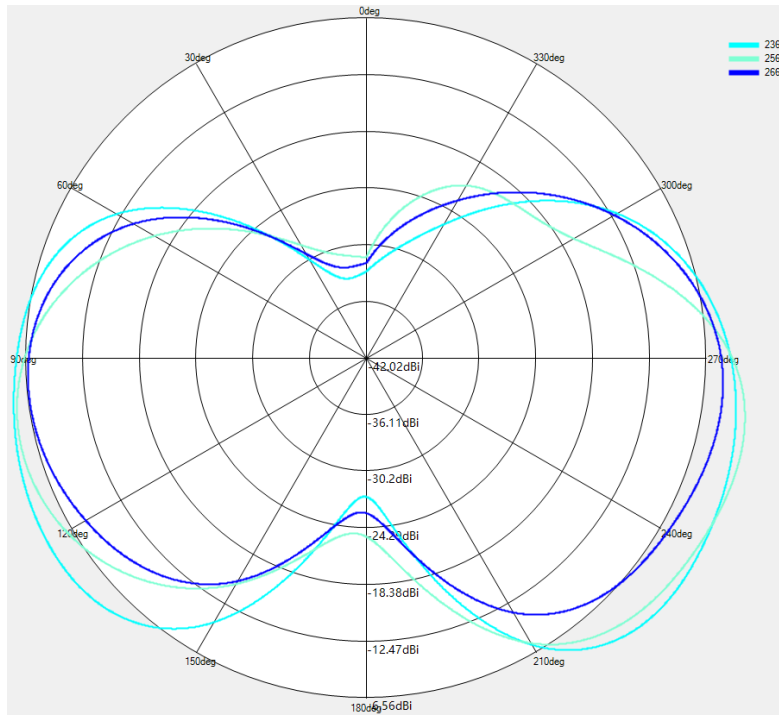
ANT3



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



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



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

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Peitian.zhang		DATE:	2024/05/14