

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 (120M) /B66

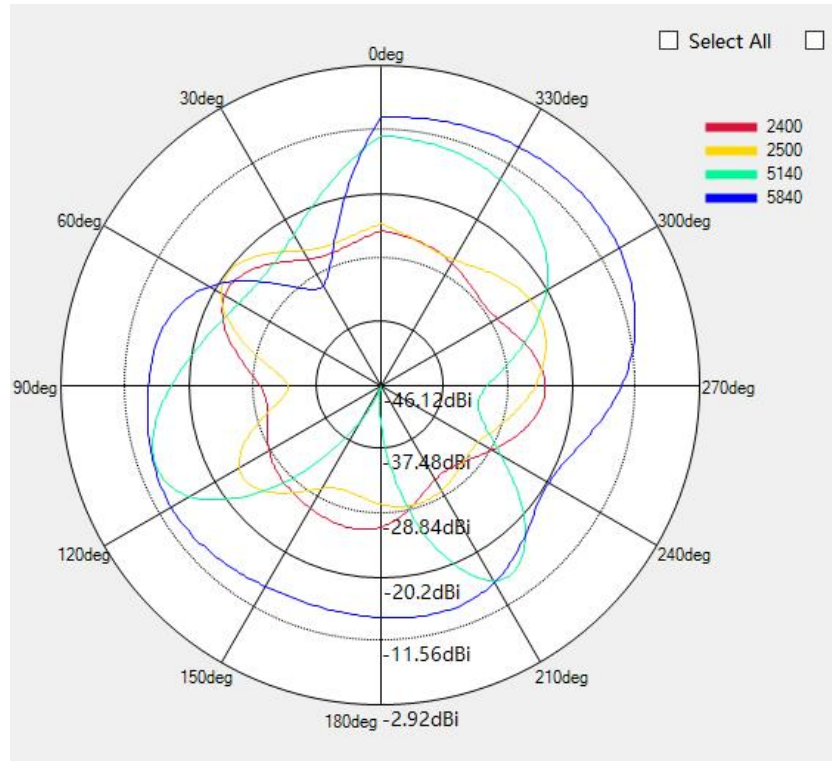
Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen Welltron Communication Technology Co., Ltd. Heping Road, Shenzhen Longhua, Bao'an District Longsheng Technology Building, 5th Floor	CN6c-ANT0 CN6c-ANT1 CN6c-ANT2 CN6c-ANT3 CN6c-ANT12 CN6c-ANT13 CN6c-ANT14

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/B66 : 1710 – 1785 MHz
		PCS/WCDMA B2/LTE B2:1850-1910MHz
		WCDMA B1/LTE B1 : 1920 – 1980MHz
		LTE B7 :2496-2565MHz
		LTE B38/B41 :2565-2645MHz
		LTE B20:832-862MHz
		LTE B12/B17/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/B66 : 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 B38/41 :2565-2645MHz
		LTE B20 :791-821MHz
		LTE B12/B17/B28 :758-803MHz
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5 /B7/B8/B12/B17/B20/B28/B38/B40/B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
	ANT0	GSM 850/WCDMA B5/LTE B5/ B20:-7.07
		GSM 900/WCDMA B8/LTE B8 : -7.82
		LTE B12/B17 :-7.83
		LTE B28:-7.72
		ANT1

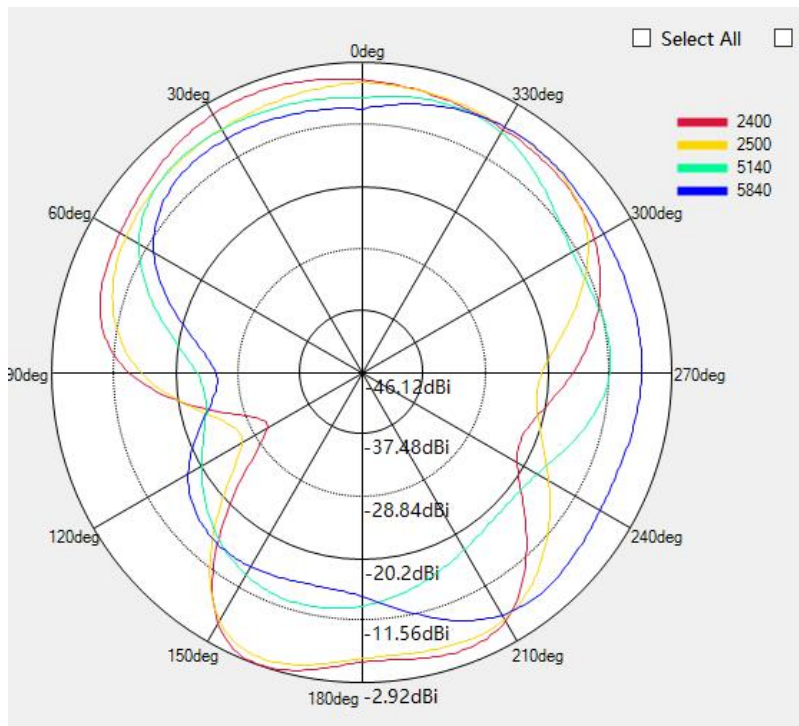
Antenna Gain		GSM 900/WCDMA B8/LTE B8 : -4.63
		LTE B12/B17/B28 :-5.09
	ANT2	PCS/WCDMA B1/B2/LTE B1/B2:-5.61
		DCS/WCDMA B4/LTE B3/B4/B66:-5.41
		LTE B40:-6.44
		LTE B7/B38/B41:-4.55
	ANT3	PCS/WCDMA B1/B2/LTE B1/B2:-3.09
		DCS/WCDMA B4/LTE B3/B4/B66:-5.40
		LTE B7/B38/B41:-2.58
	ANT12	WIFI 2.4G: -3.99 5G:-2.45
	ANT13	GPS L1:-4.32
	ANT14	WIFI 2.4G: -2.19 5G:-2.20
Type of Modulation		

※ Antenna Gain

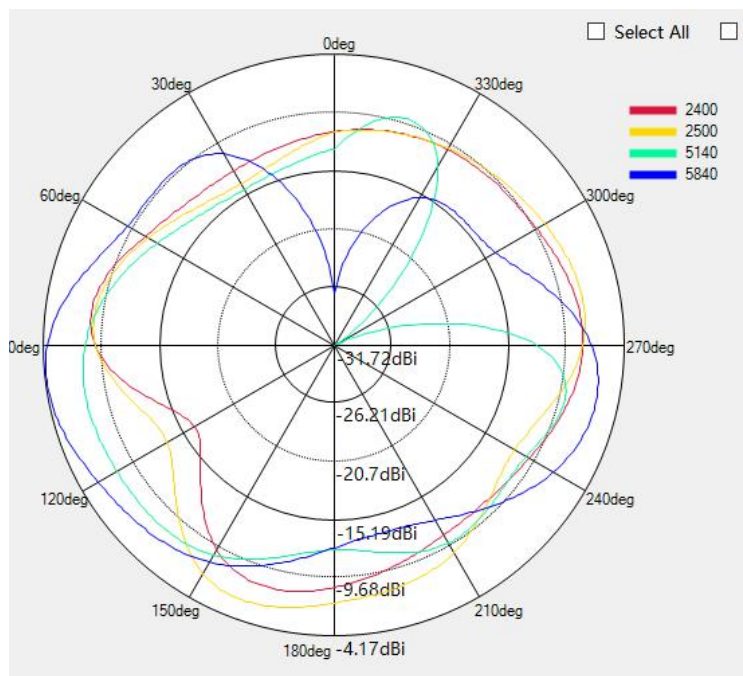
ANT12



2.4G WIFI&BT; 5G WIFI Phi=0deg

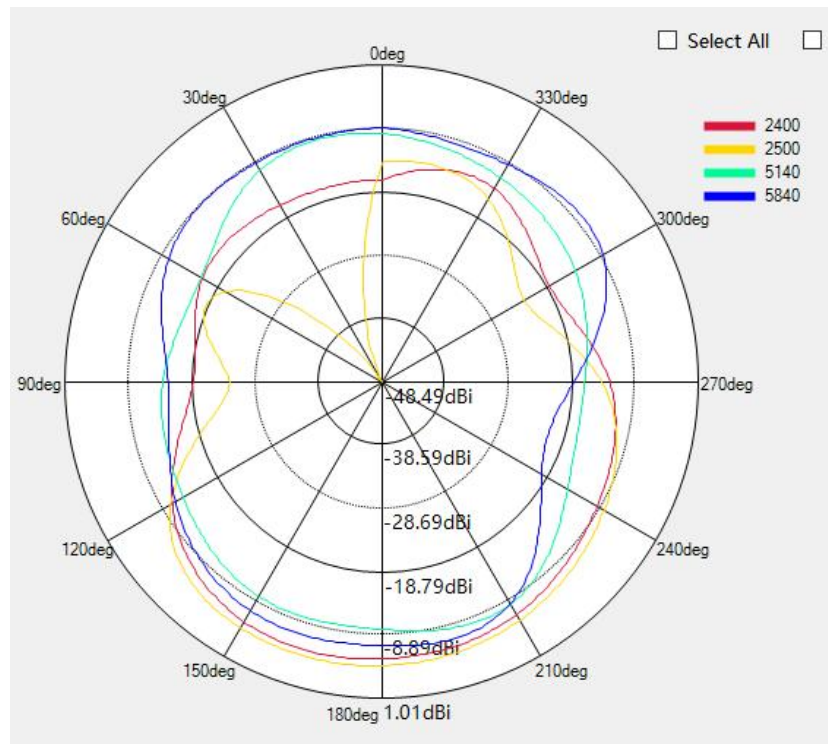
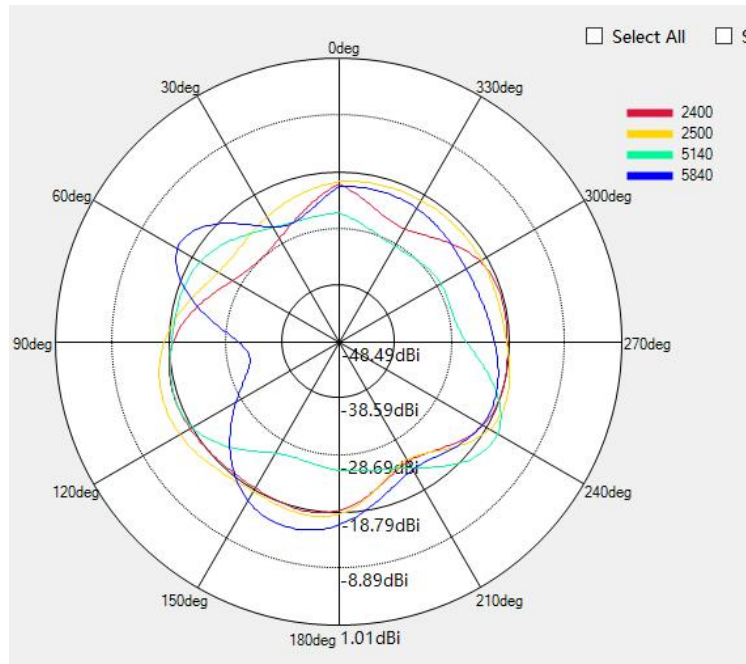


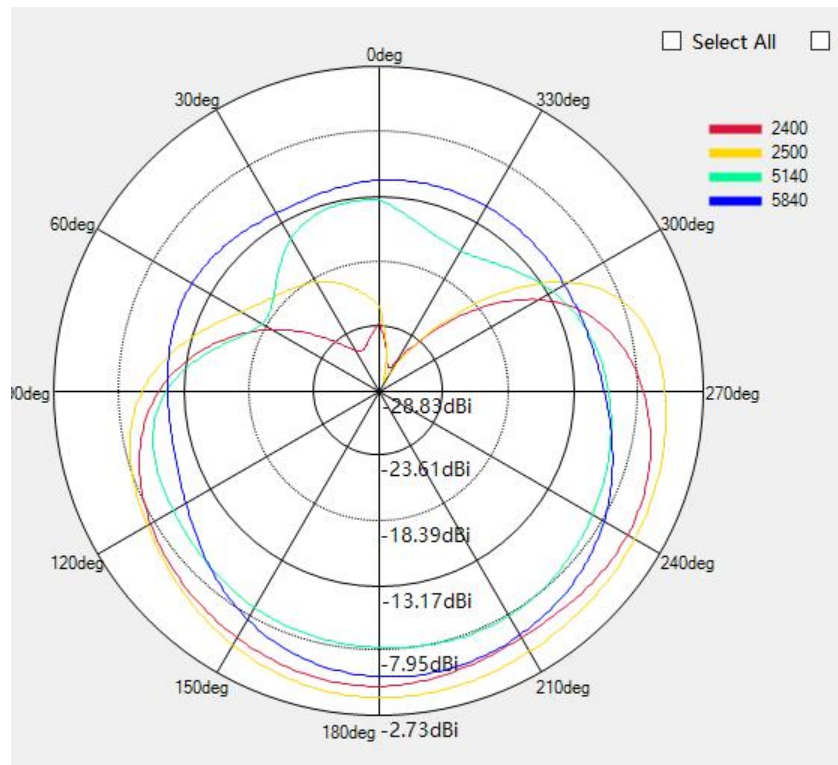
2.4G WIFI&BT; 5G WIFI Phi=90deg



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

※ Antenna Gain
ANT14

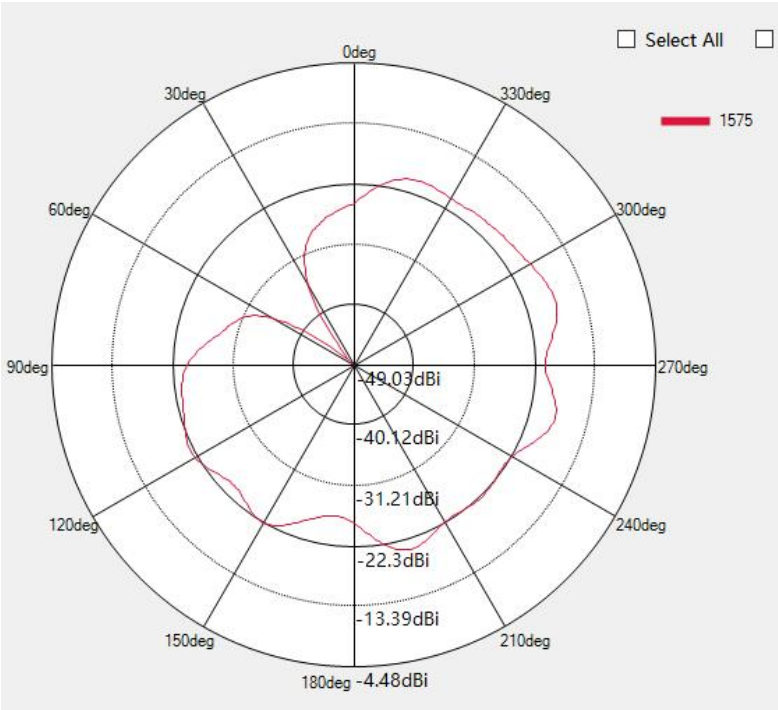




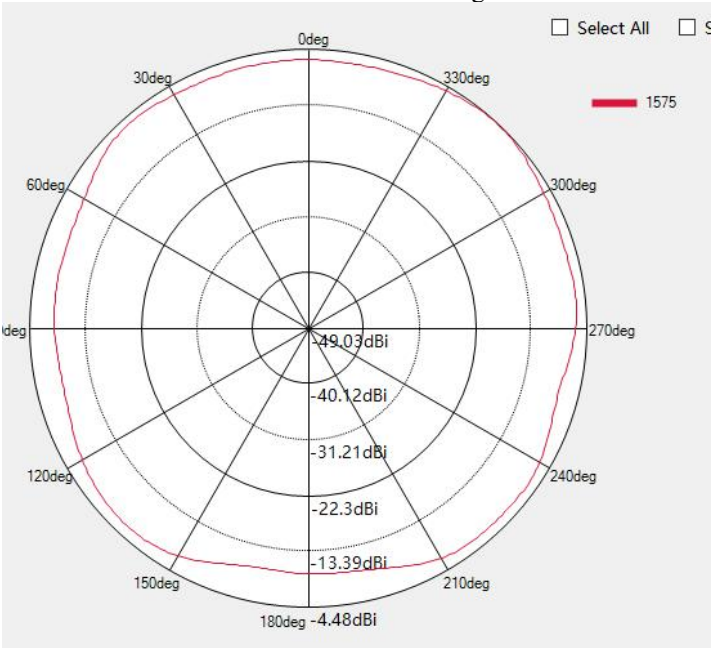
2.4G WIFI&BT; 5G WIFI Theta=90deg

※ Antenna Gain

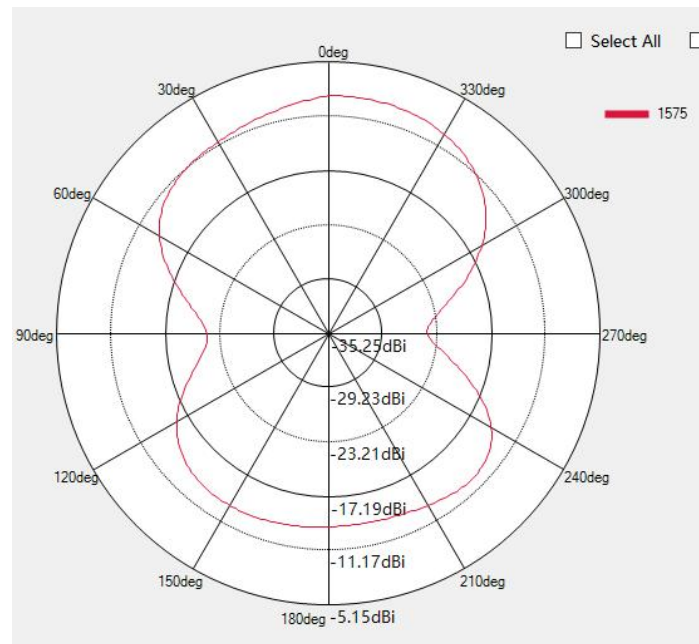
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GPS L1 Phi=0deg



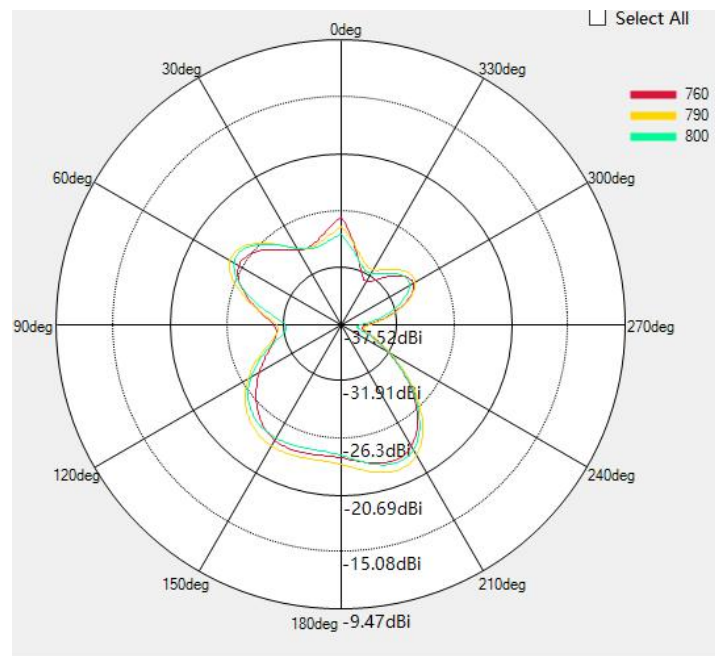
GPS L1 Phi=90deg



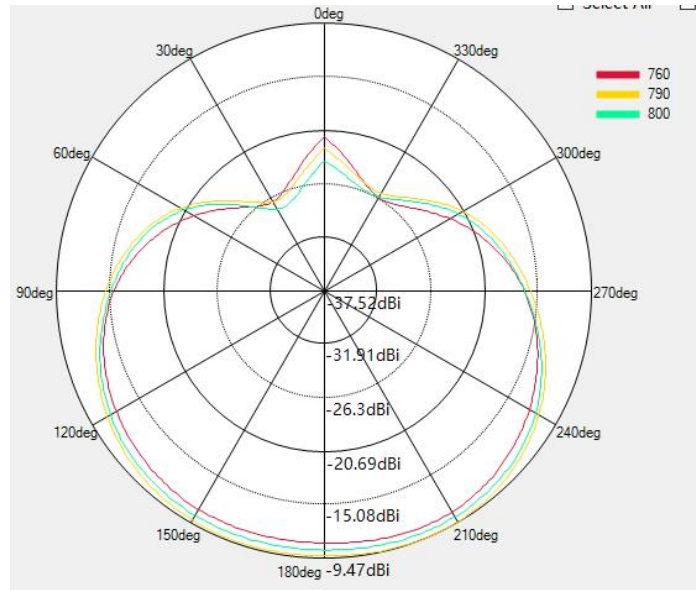
GPS L1 Theta=90deg

※ Antenna Gain

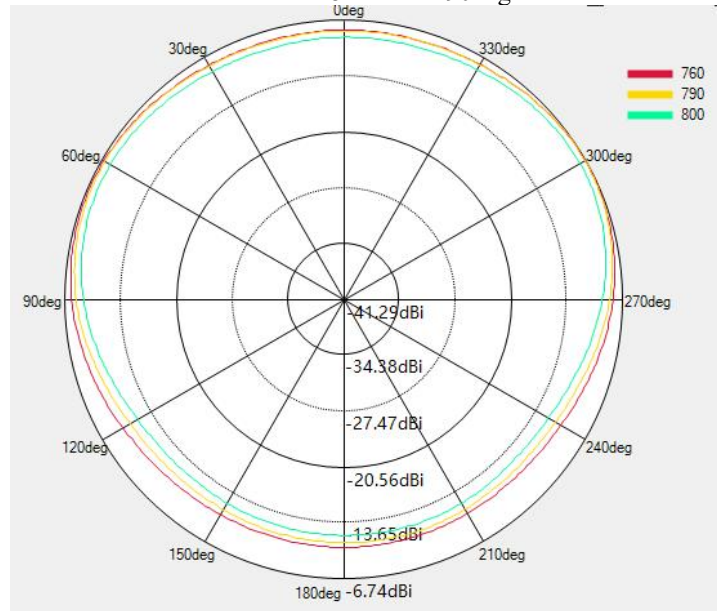
ANT0



LTE B28 Phi=0deg



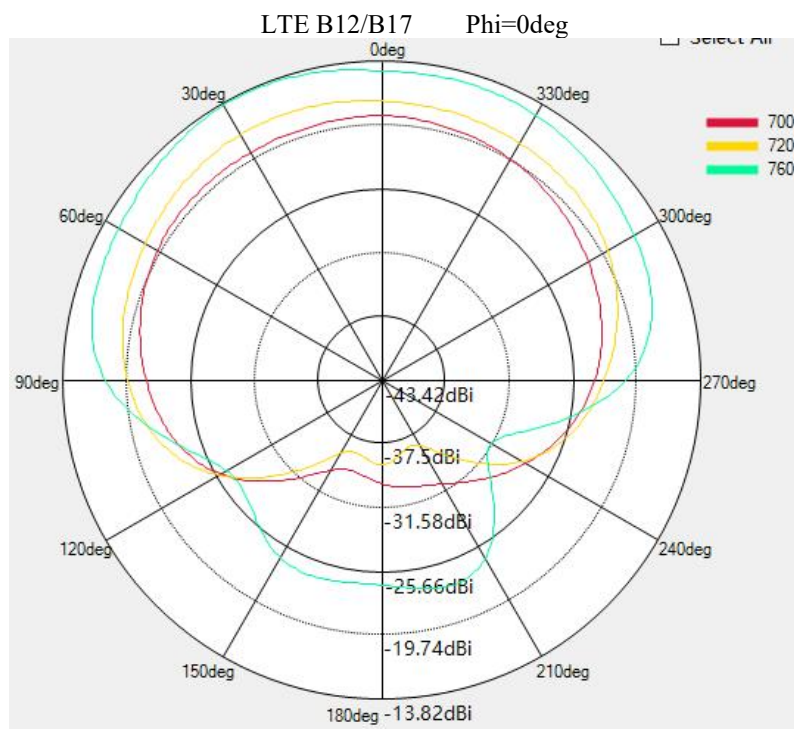
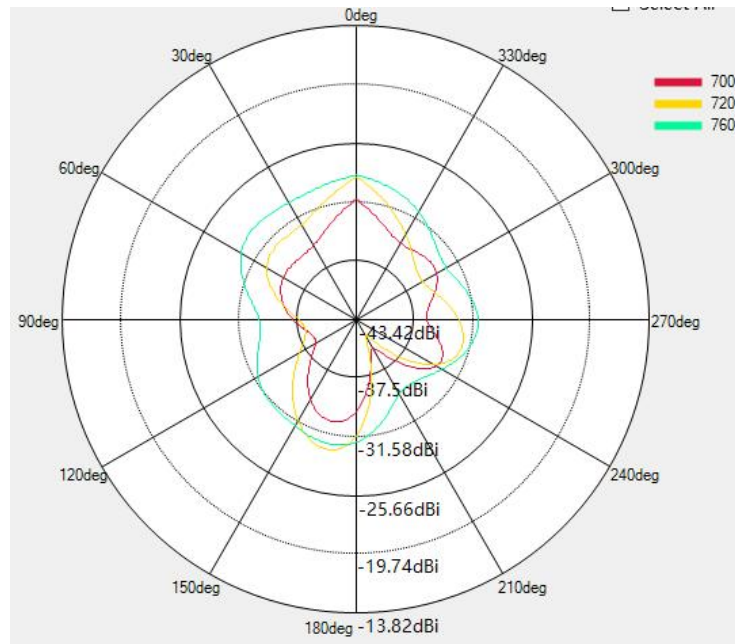
LTE B28 Phi=90deg



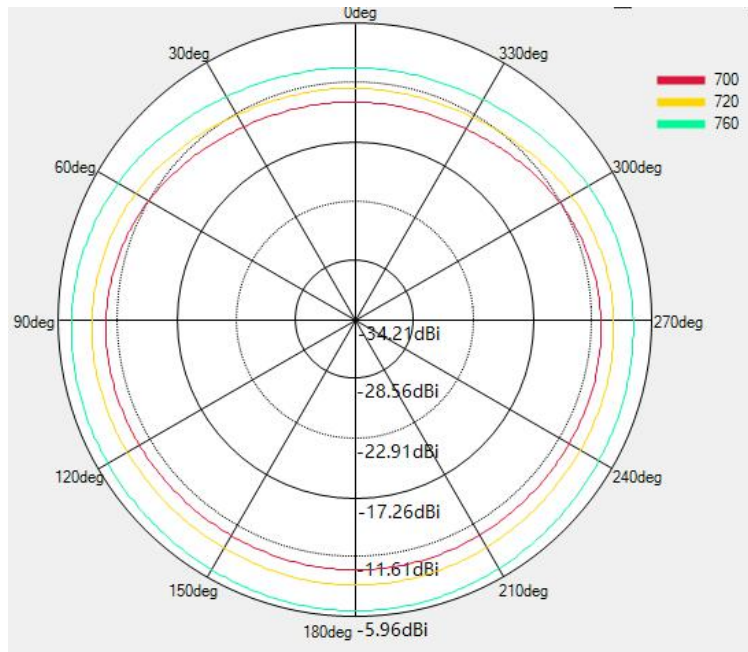
LTE B28 Theta=90deg

※ Antenna Gain

ANT0



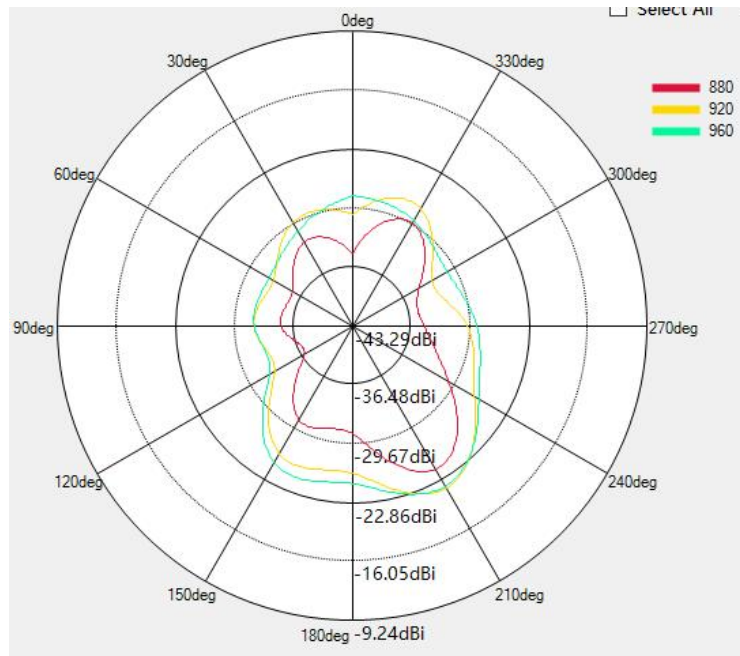
LTE B12/B17 $\Phi=90^\circ$



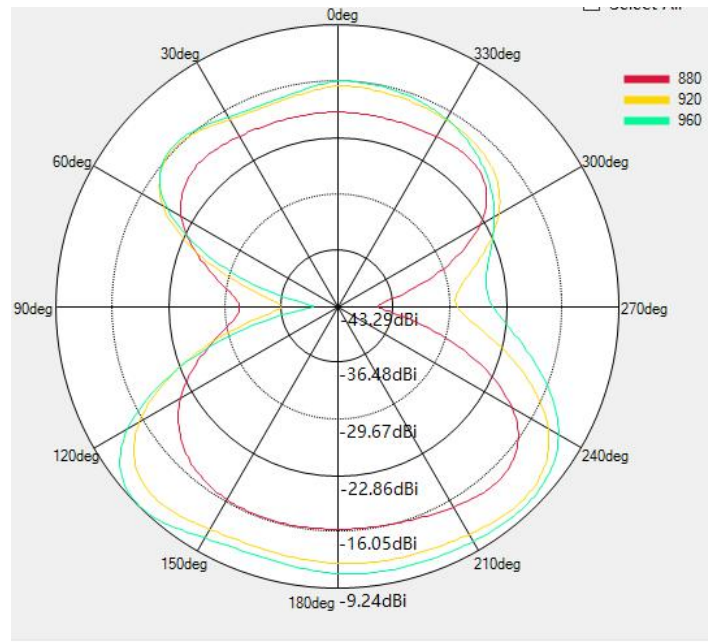
LTE B12/B17 $\Theta=90^\circ$

※ Antenna Gain

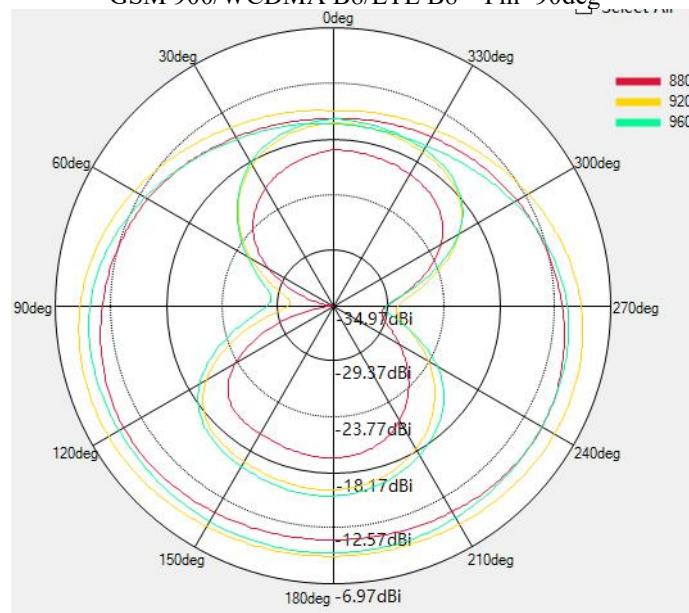
ANT0



GSM 900/WCDMA B8/LTE B8 $\Phi=0^\circ$



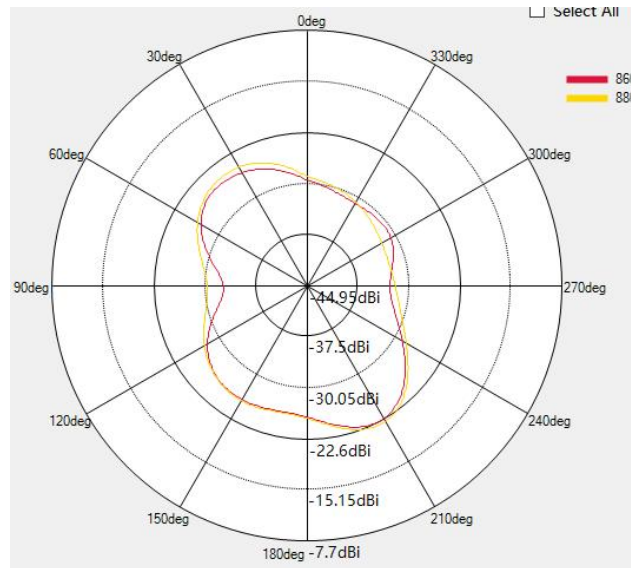
GSM 900/WCDMA B8/LTE B8 Phi=90deg



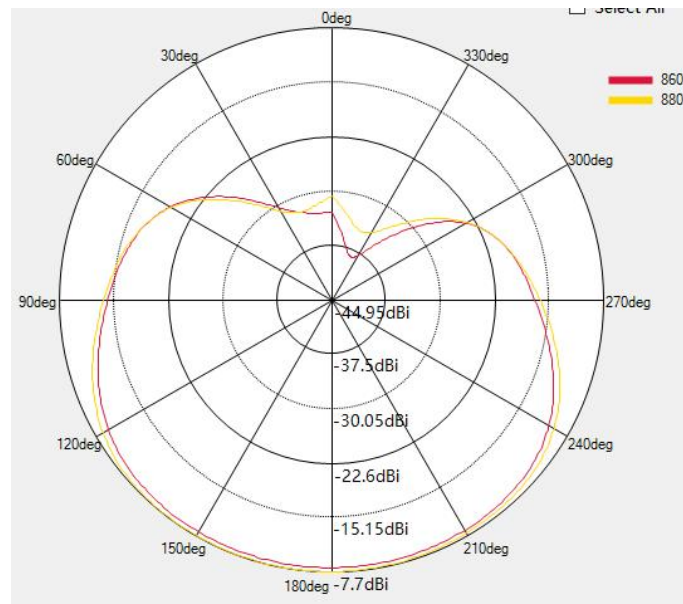
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※ Antenna Gain

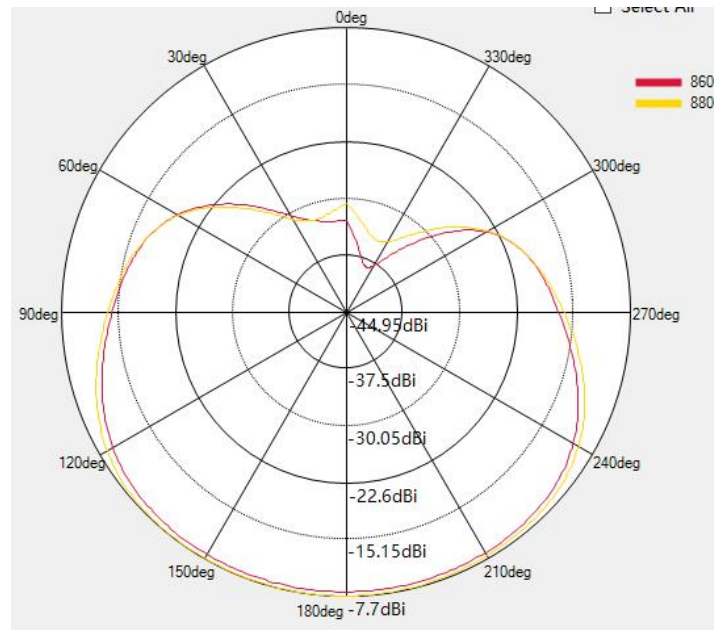
ANT0



GSM 850/WCDMA B5/LTE B5/B20 Phi=0deg



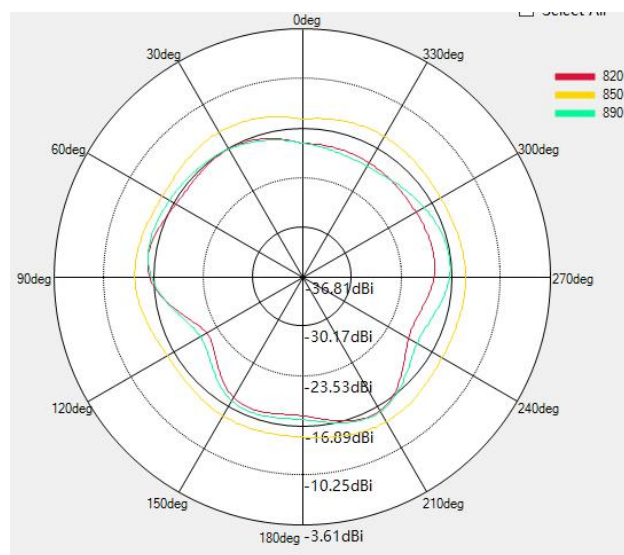
GSM 850/WCDMA B5/LTE B5/B20 Phi=90deg



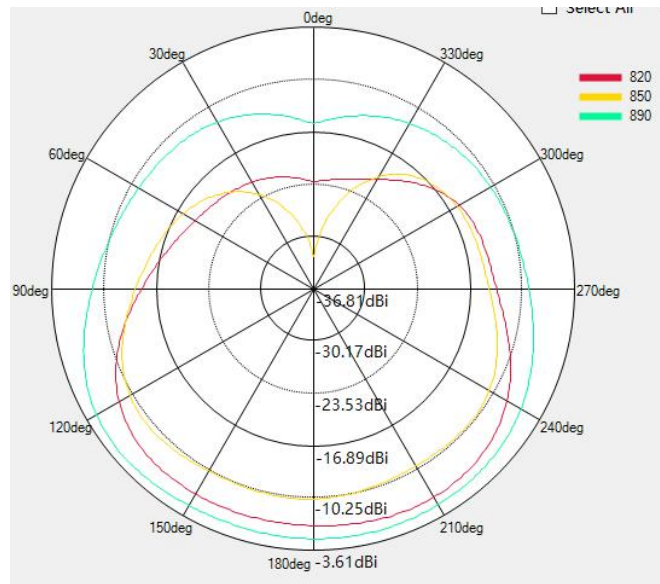
GSM 850/WCDMA B5/LTE B5/B20 Theta=90deg

※ Antenna Gain

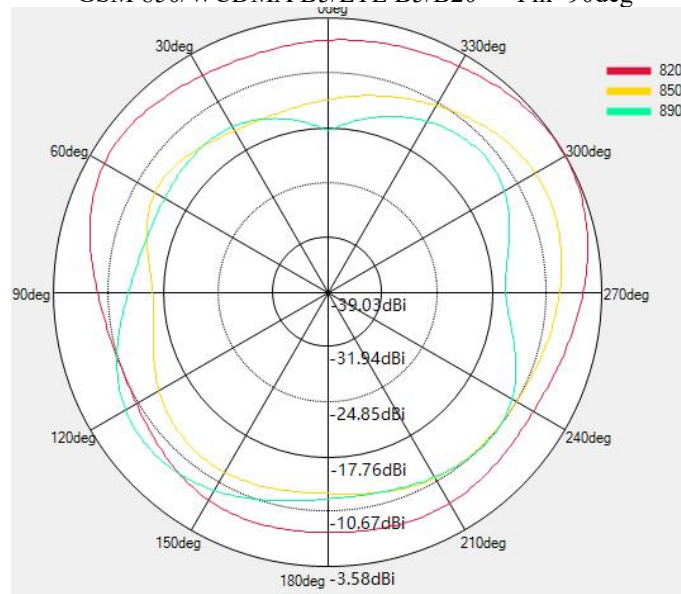
ANT1



GSM 850/WCDMA B5/LTE B5/B20 Phi=0deg



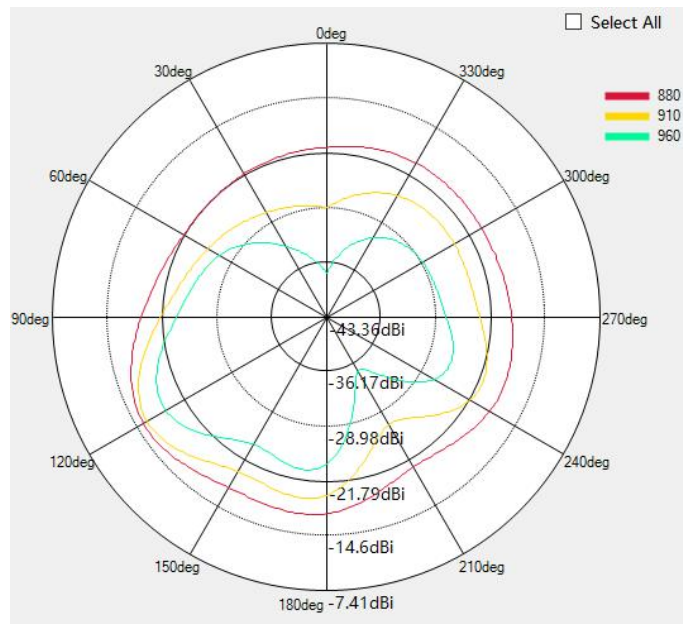
GSM 850/WCDMA B5/LTE B5/B20 $\Phi=90^\circ$



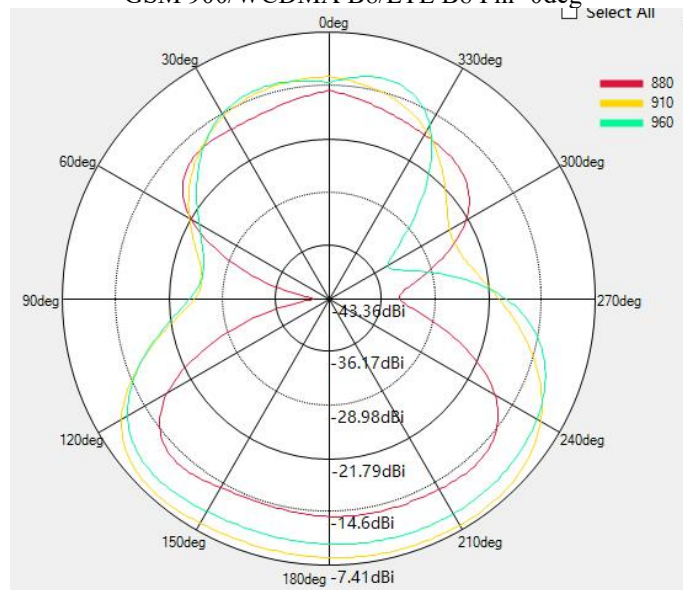
GSM 850/WCDMA B5/LTE B5/B20 $\Theta=90^\circ$

※ Antenna Gain

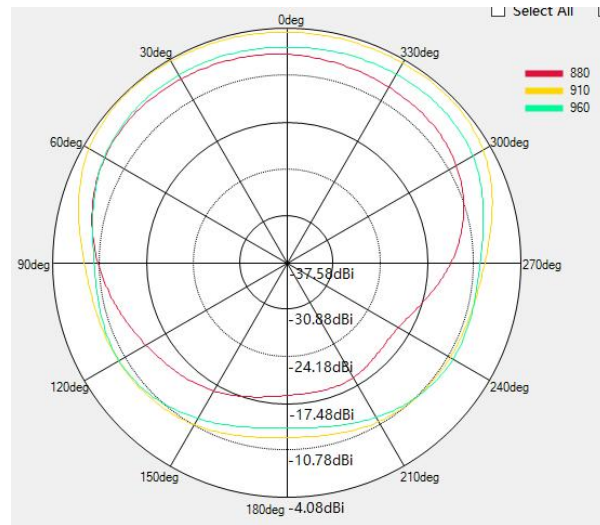
ANT1



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



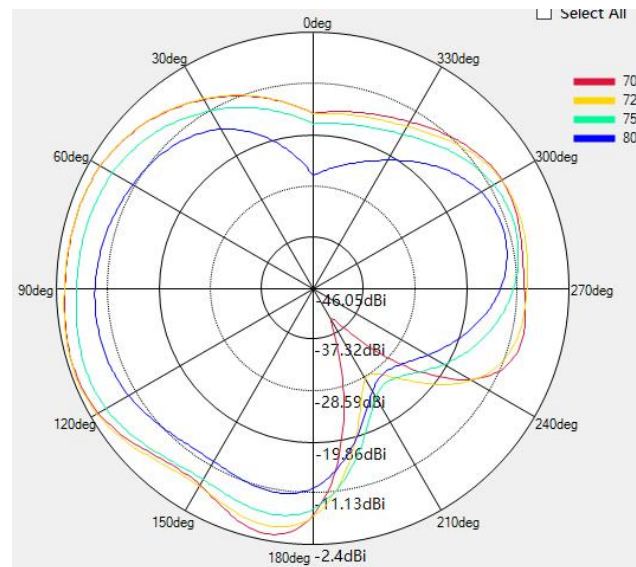
GSM 900/WCDMA B8/LTE B8 Phi=90deg



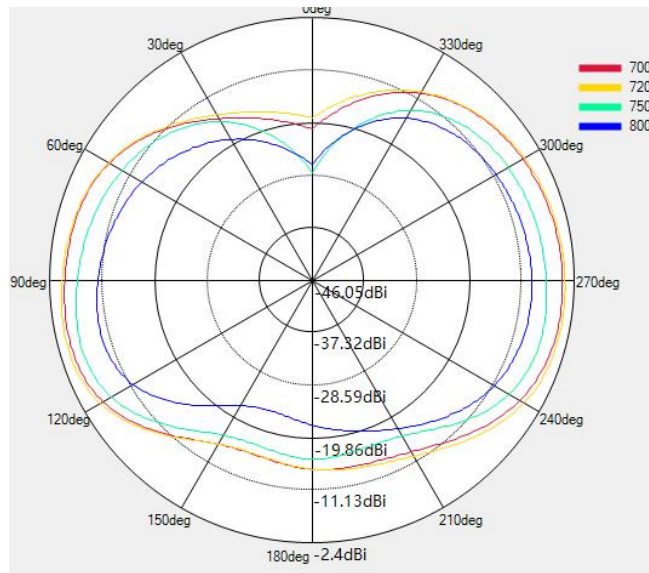
GGSM 900/WCDMA B8/LTE B8 Theta=90deg

※ Antenna Gain

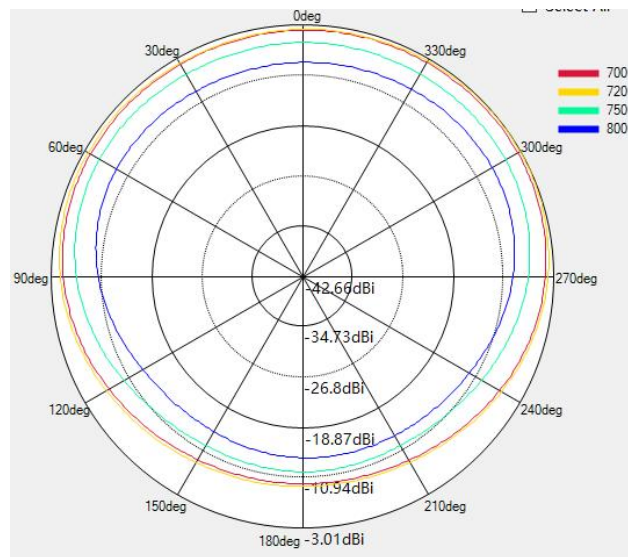
ANT1



LTE B12/B17/B28 Phi=0deg



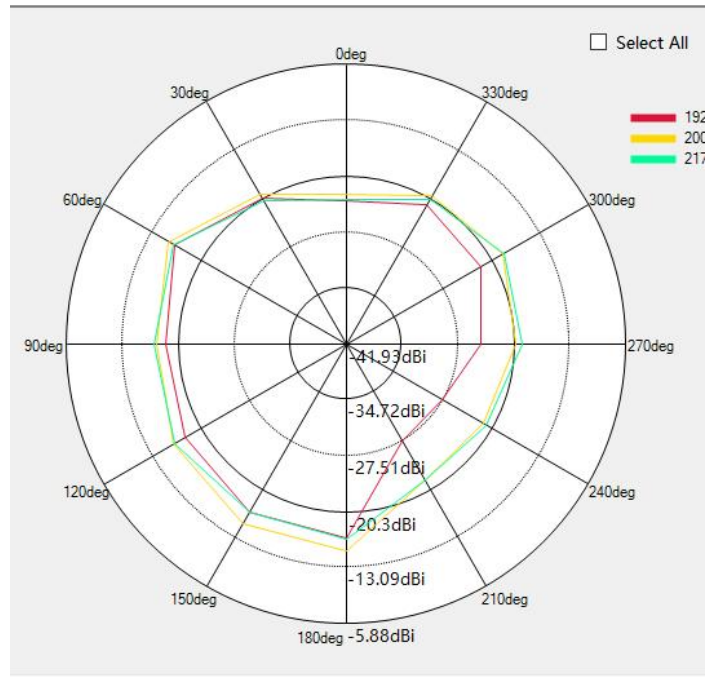
LTE B12/B17/B28 $\Phi=90^\circ$



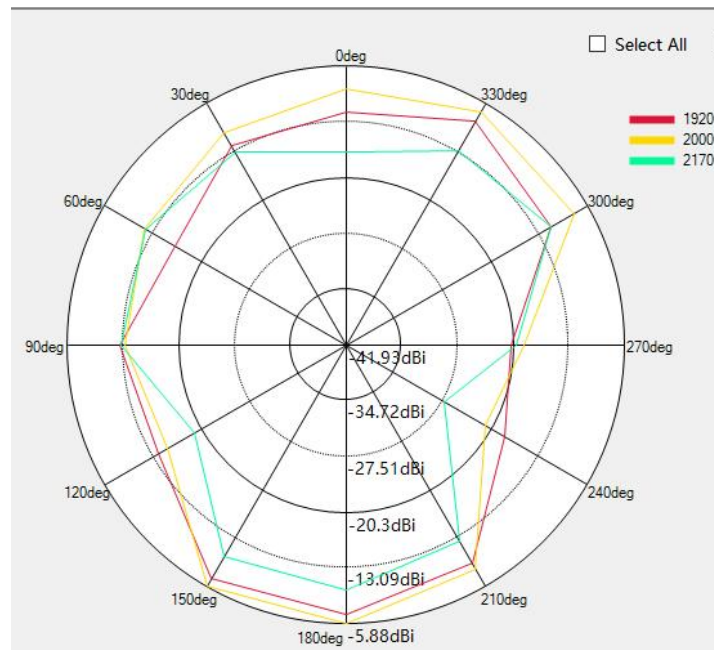
LTE B12/B17/B28 $\Theta=90^\circ$

※ Antenna Gain

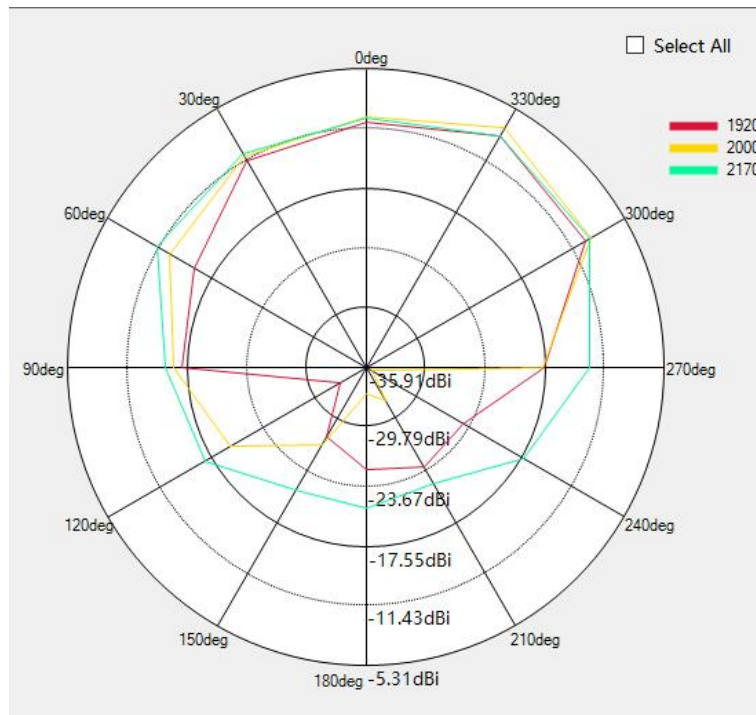
ANT2



PCS/WCDMA B1/B2/LTE B1/B2 Phi=0deg



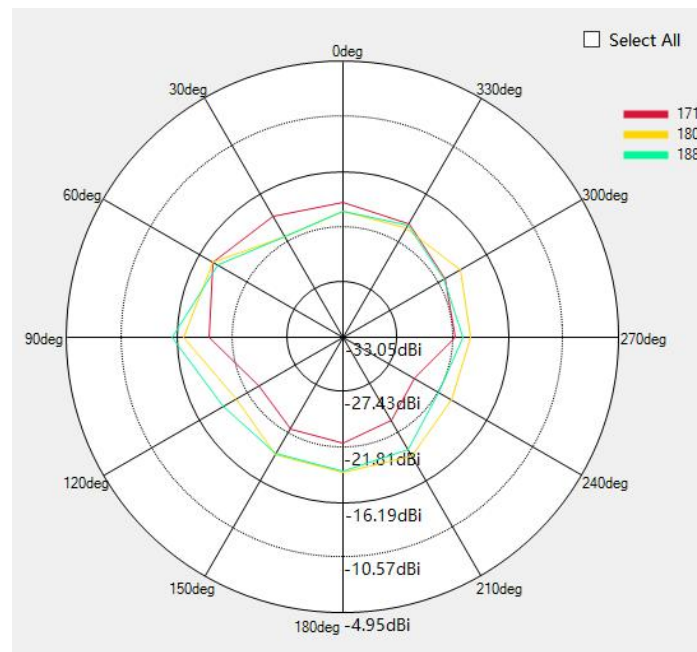
PCS/WCDMA B1/B2/LTE B1/B2 Phi=90deg



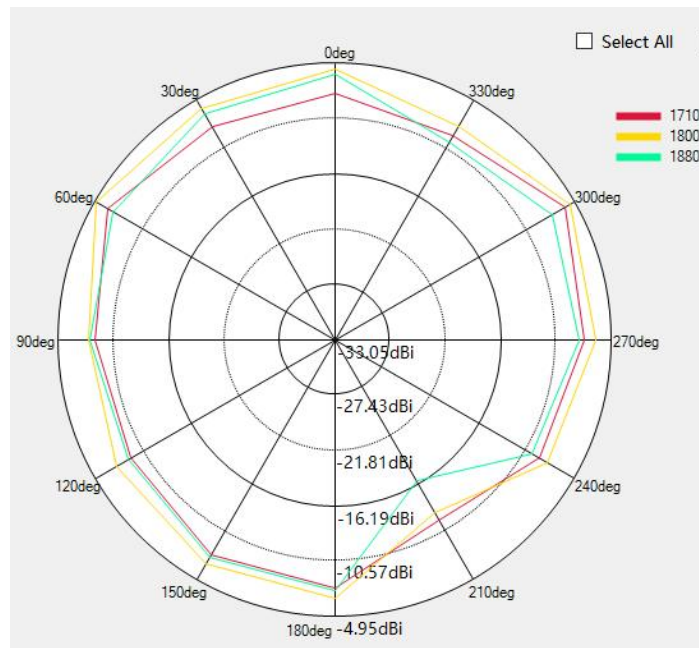
PCS/WCDMA B1/B2/LTE B1/B2 Theta=90deg

※ Antenna Gain

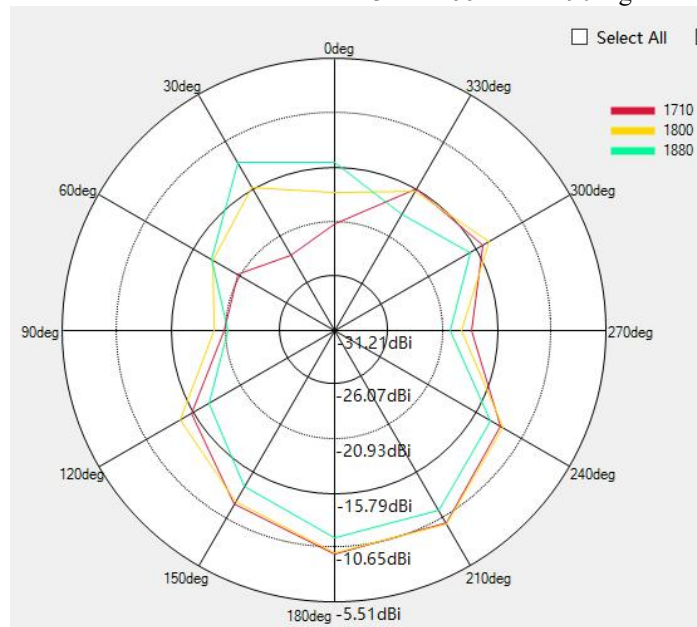
ANT2



DCS/WCDMA B4/LTE B3/B4/B66 Phi=0deg



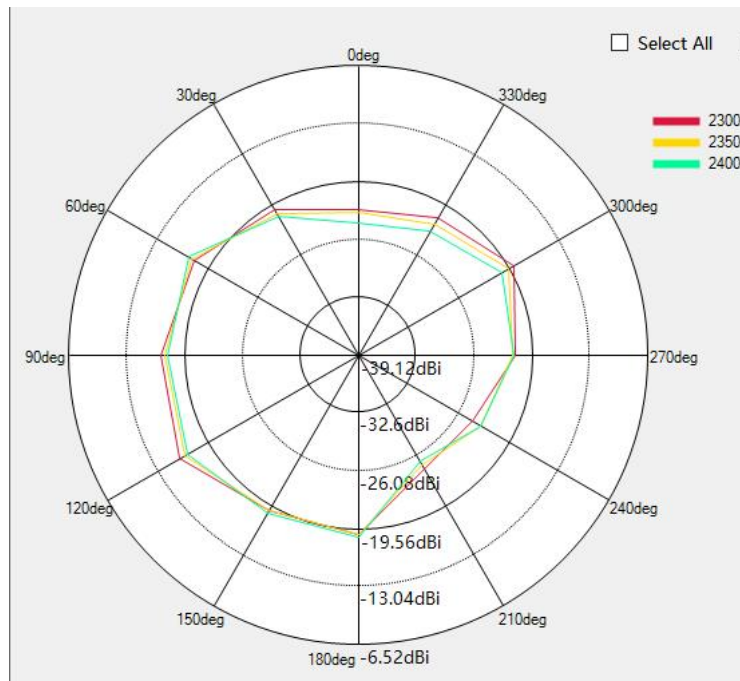
DCS/WCDMA B4/LTE B3/B4/B66 Phi=90deg



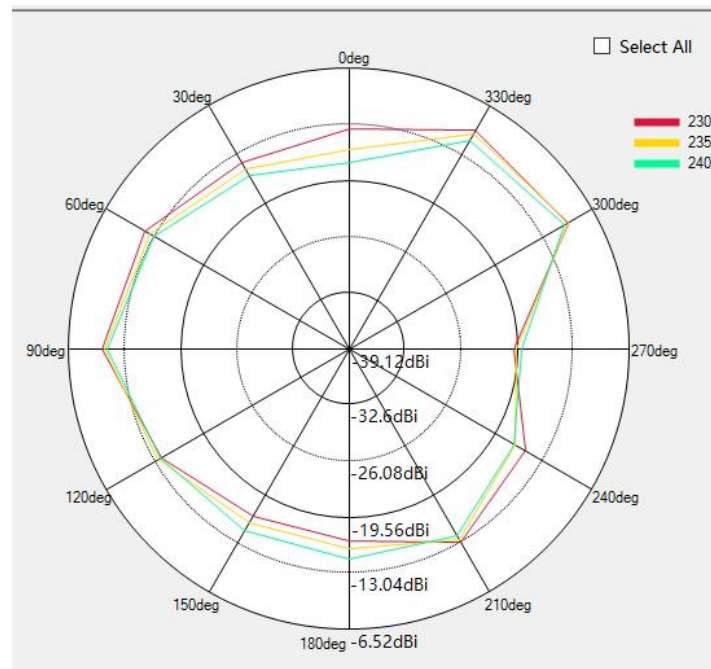
DCS/WCDMA B4/LTE B3/B4/B66 Theta=90deg

※ Antenna Gain

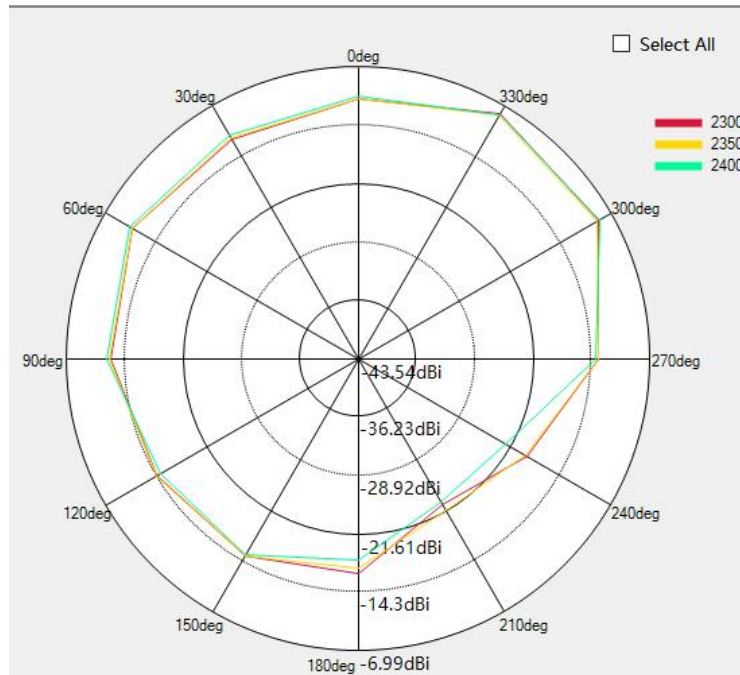
ANT2



LTE B40 — Phi=0deg



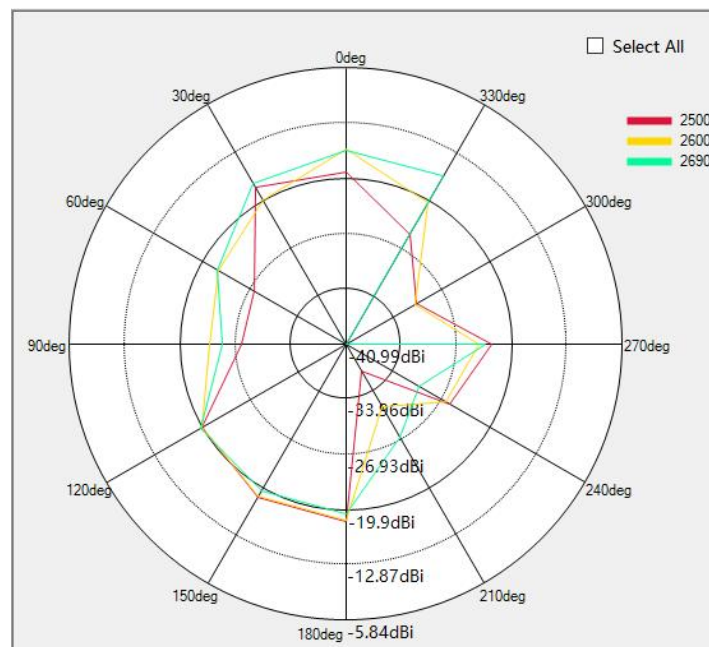
LTE B40 — Phi=90deg



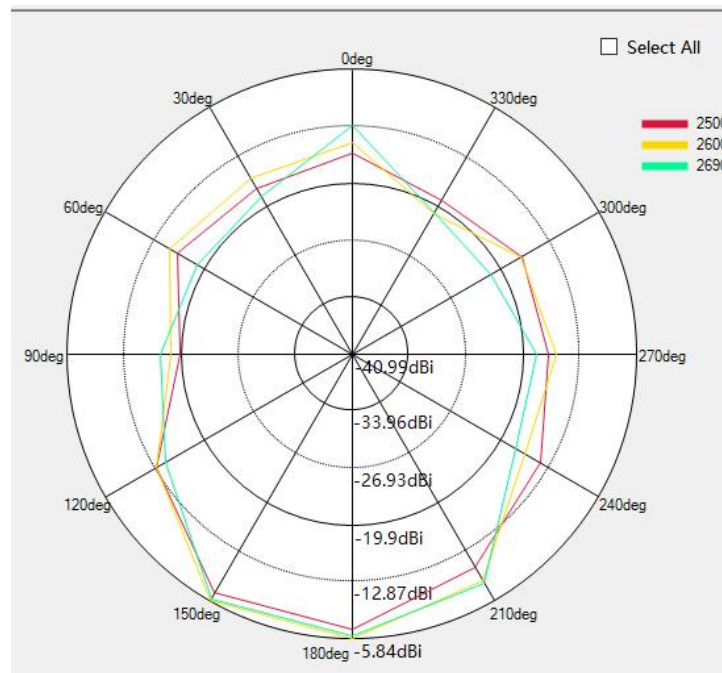
LTE B40—Theta=90deg

※ Antenna Gain

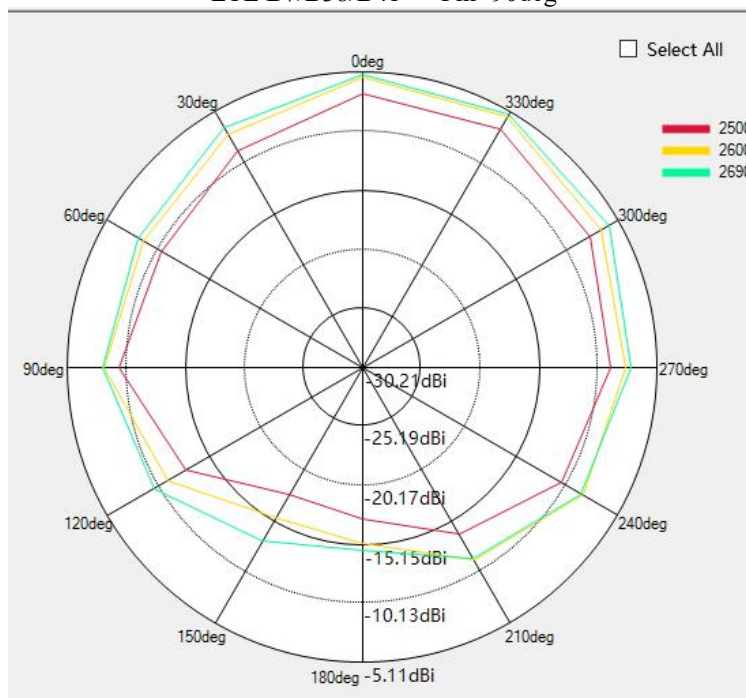
ANT2



LTE B7/B38/B41 Phi=0deg



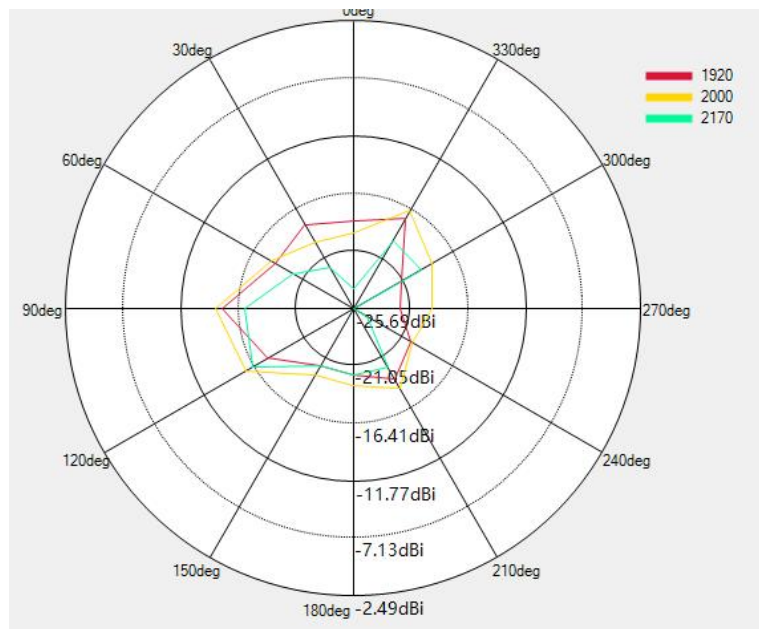
LTE B7/B38/B41 Phi=90deg



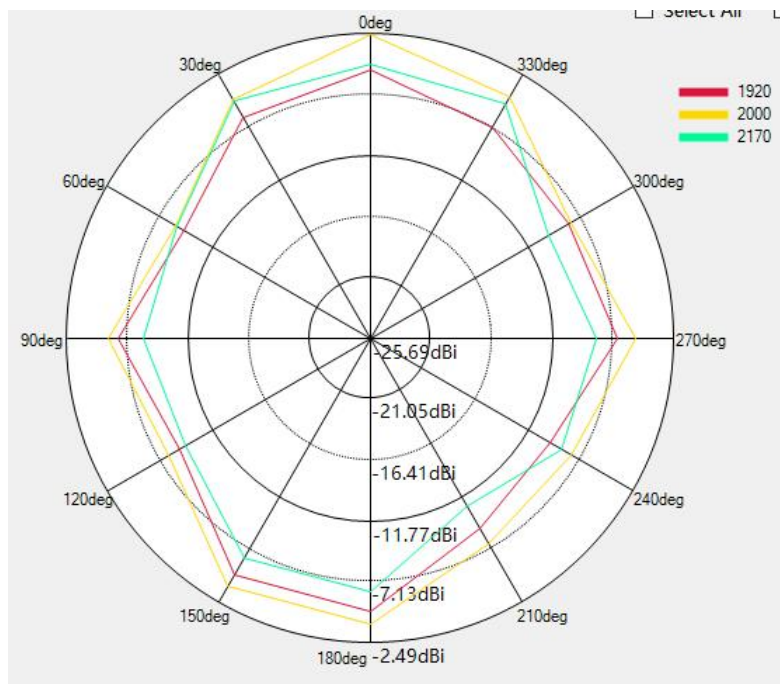
LTE B7/B38/B41 Theta=90deg

※ Antenna Gain

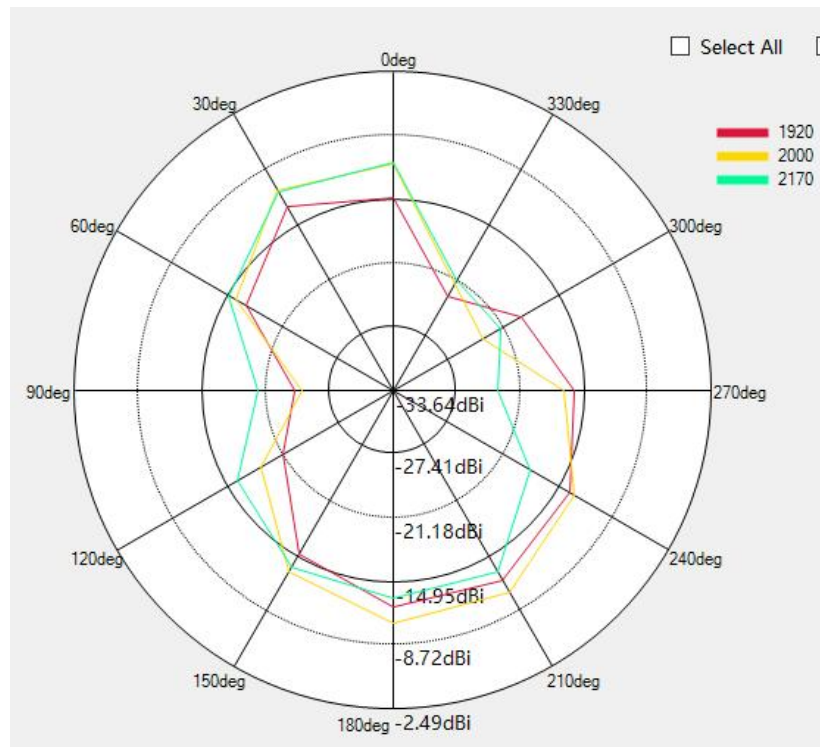
ANT3



PCS/WCDMA B1/B2/LTE B1/B2 Phi=0deg



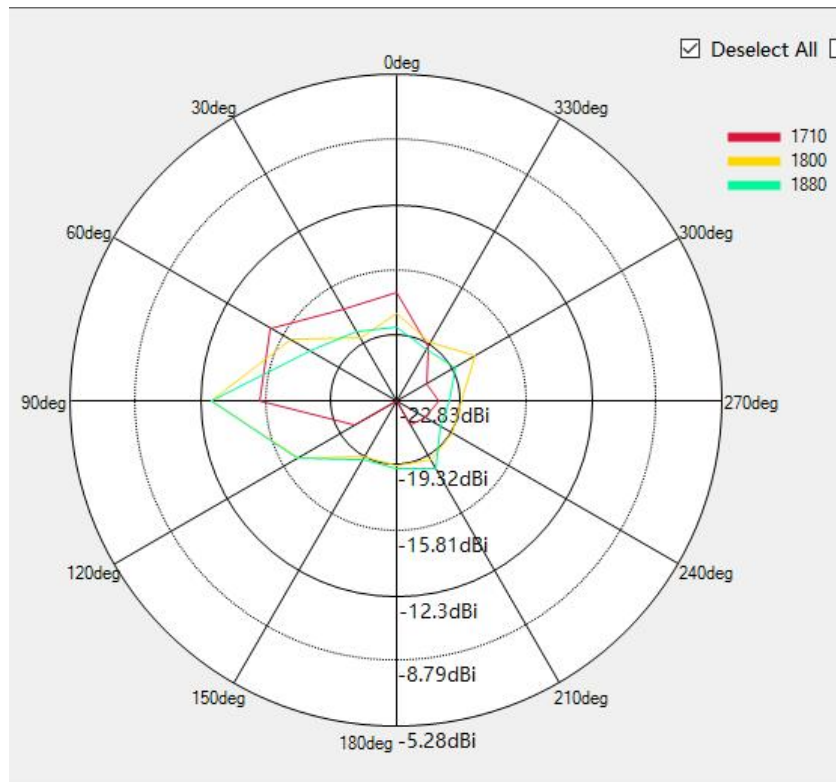
PCS/WCDMA B1/B2/LTE B1/B2 Phi=90deg



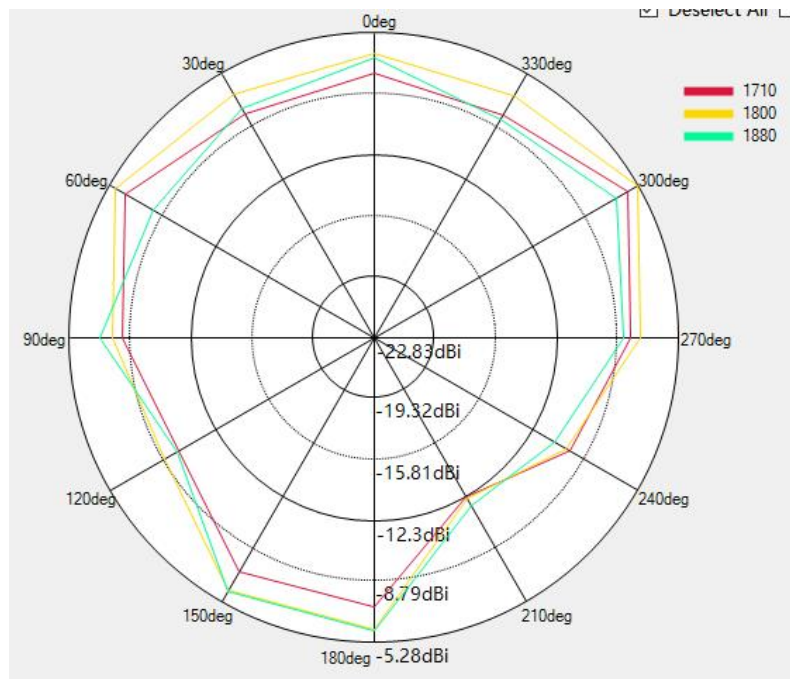
PCS/WCDMA B1/B2/LTE B1/B2 Theta=90deg

※ Antenna Gain

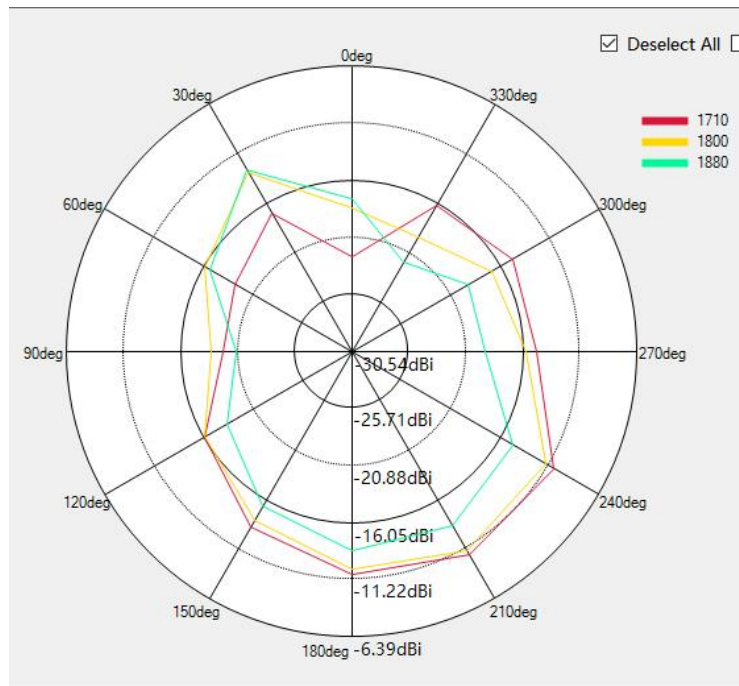
ANT3



DCS/WCDMA B4/LTE B3/B4/B66 Phi=0deg

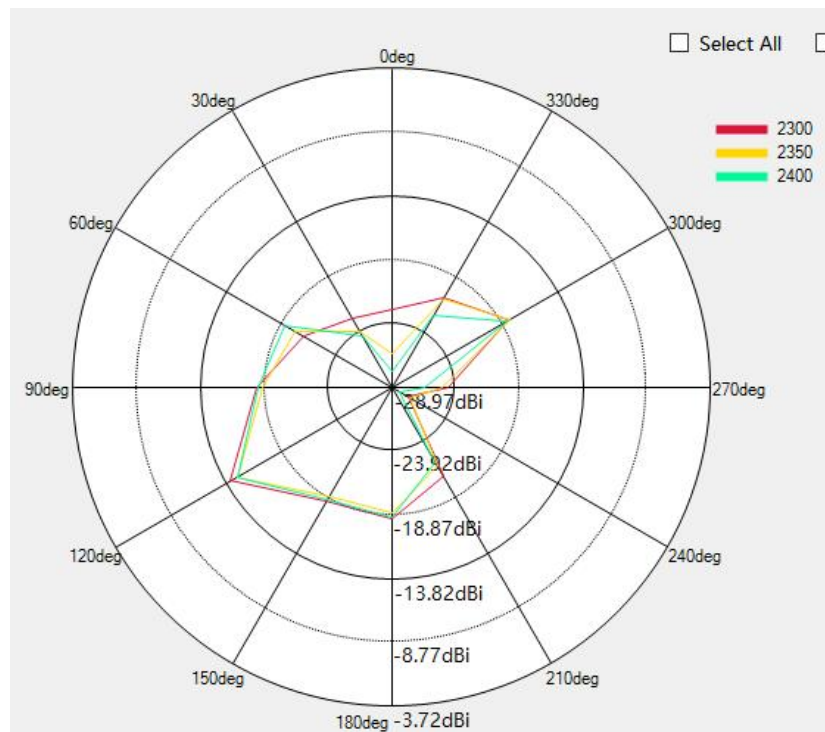


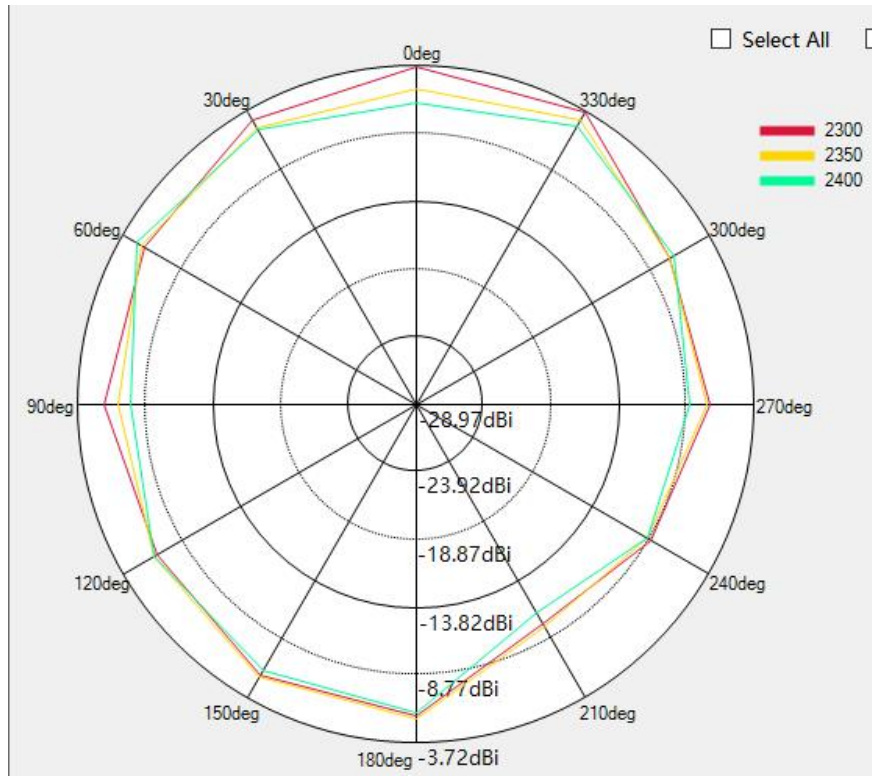
DCS/WCDMA B4/LTE B3/B4/B66 Phi=90deg



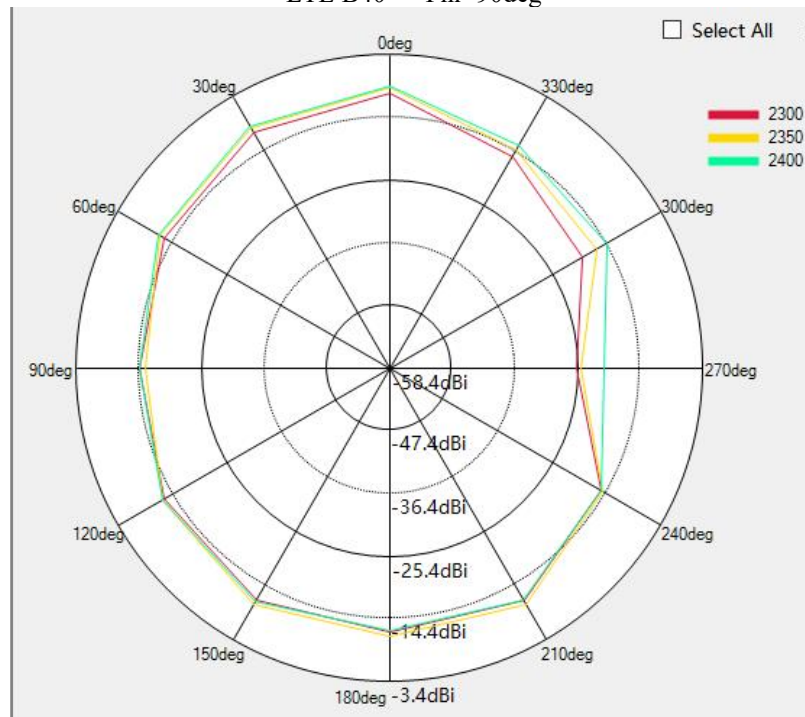
※ Antenna Gain

ANT3





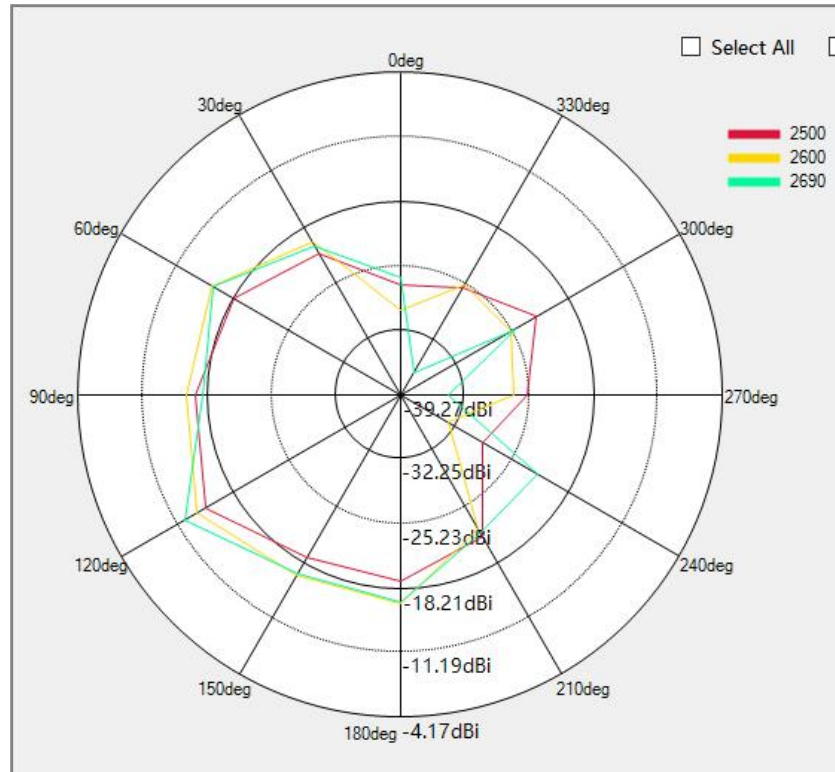
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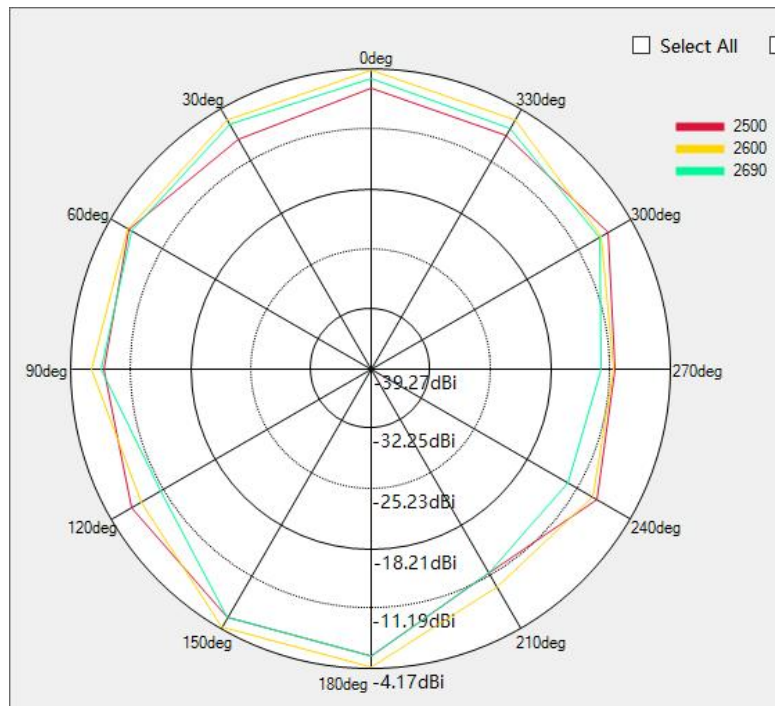
LTE B40 — Theta=90deg

※ Antenna Gain

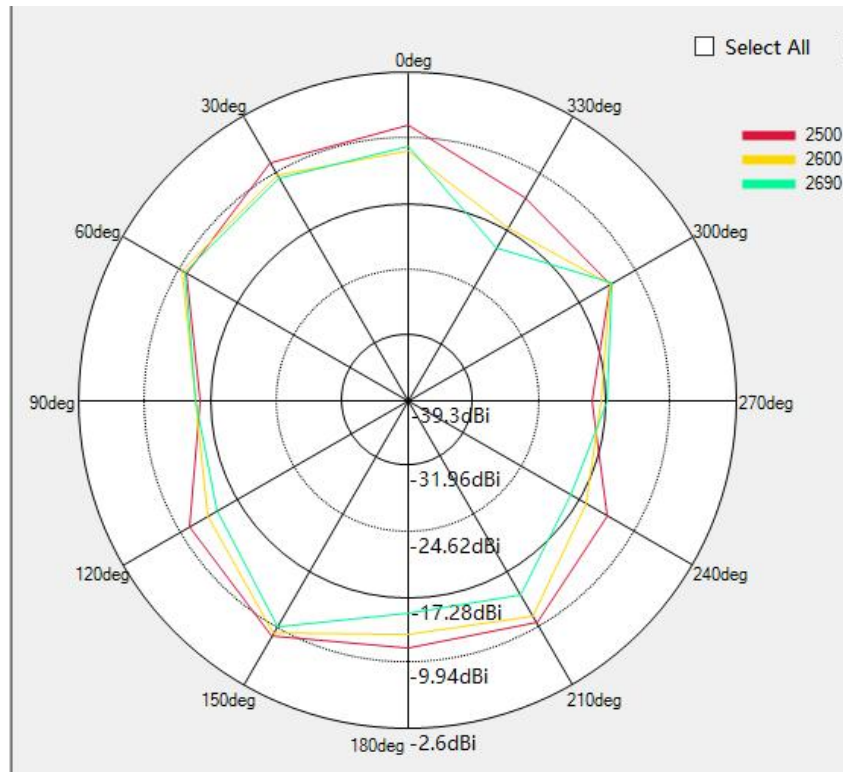
ANT3



LTE B7/B38/B41 Phi=0deg

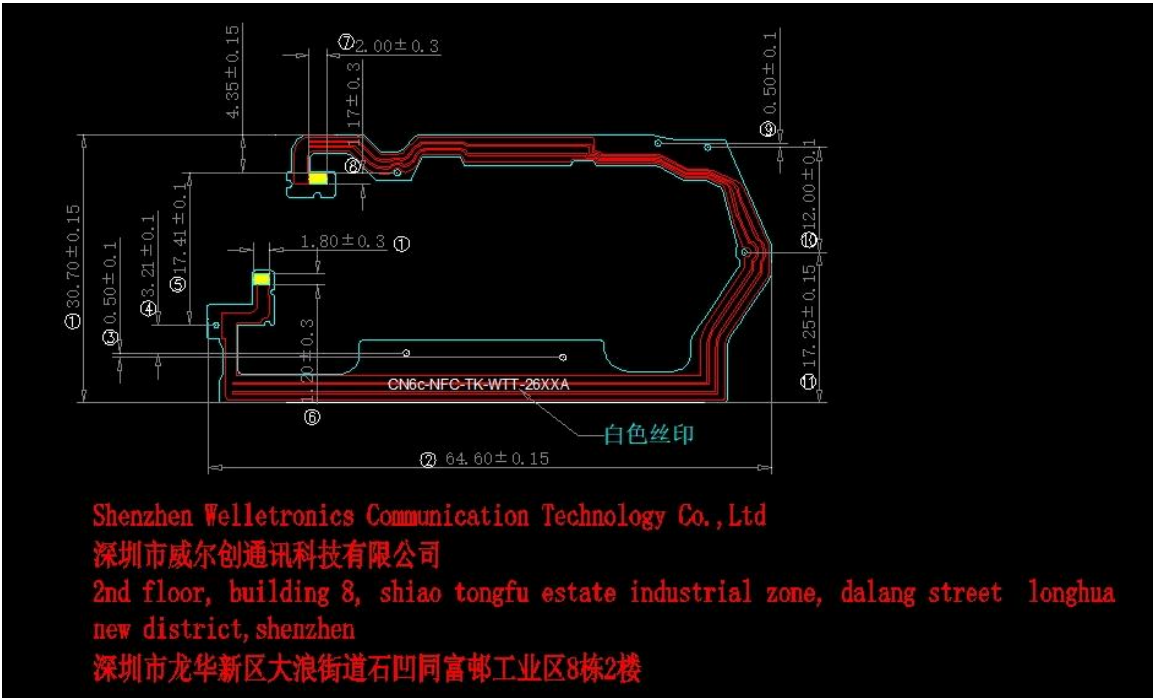


LTE B7/B38/B41 Phi=90deg



LTE B7/B38/B41 Theta=90deg

NFC



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023/02/05