TRANSSION
传音控股

Feature

※ High gain
※ Omani-directional
※ Wide bandwidth

Application

※GSM850/900/DCS/PCS/WCDMAB1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B20/B28A/B28B/B38/B40/B41(120M)

Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen Weichuang Communication Technology Co., Ltd No. 8, Tongfu Village Industrial Zone, Xinshi Community, Dalang Street, Longhua District, Shenzhen	X6886-ANT0 X6886-ANT1 X6886-ANT2 X6886-ANT3 X6886-ANT4 X6886-ANT12 X6886-ANT13 X6886-ANT14

TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8 : 880 – 915 MHz

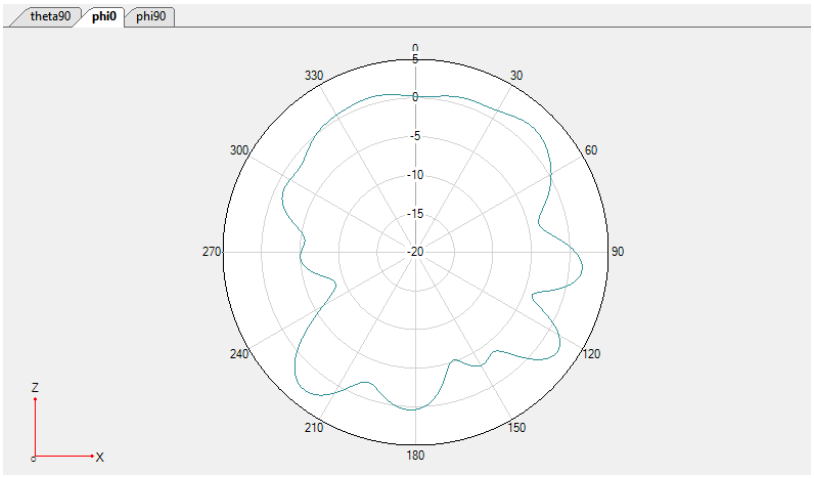
	DCS /WCDMA B4/LTE B3/B4 : 1710 – 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1 : 1920 – 1980MHz
	LTE B7:2496-2565MHz
	LTE B40 :2300-2400MHz
	LTE B38/B41 :2565-2645MHz
	LTE B20 :832-862MHz
	LTE B28 :710-755MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5 : 869 – 894 MHz
	GSM 900/WCDMA B8/LTE B8 : 925 – 960 MHz
	DCS/LTE B3: 1805 – 1880 MHz
	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
RF-Output Power (E.I.R.P)	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	ANT0 (LB-PRX)	GSM 850/WCDMA B5/LTE B5: -5.21
		GSM 900/WCDMA B8/LTE B8: -6.08
		LTE B20 :-5.84
		LTE B28 :-5.41
	ANT1 (MHB-PRX)	DCS /WCDMA B4/LTE B3/B4 :-1.25
		PCS/WCDMA B2/LTE B2: -2.43
		WCDMA B1/LTE B1 : -2.65
		LTE B7/B38/B41 : -0.44
		LTE B40: -1.82
	ANT2	GSM 850/WCDMA B5/LTE B5: -5.79

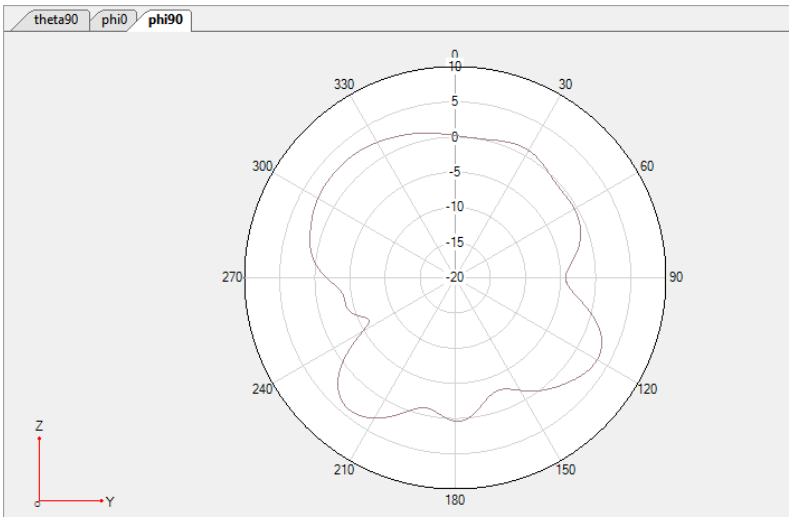
	(LB-DRX)	GSM 900/WCDMA B8/LTE B8: -5.15
		LTE B20 :-4.72
		LTE B28A :-5.98
		LTE B28B :-6.15
	ANT3 (MHB-DRX)	DCS/LTE B3 : -3.99
		PCS/WCDMA B2/LTE B2: -1.78
		WCDMA B1/LTE B1 : -1.93
		WCDMA B4 /B4:-7.93
		LTE B7/B38/B41 :-0.95
		LTE B40: -1.53
	ANT12	GPS(L1):−1.39
	ANT13	WIFI 2.4G:−1.59
	ANT14	BT/WIFI 2.4G:−1. 43 5G: -1.39

※ Antenna Gain

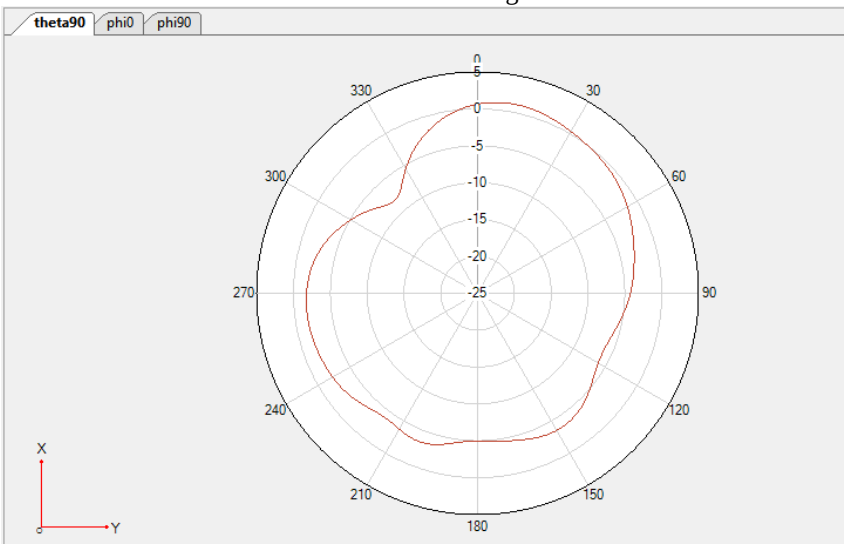
ANT12



GPS Phi=0deg



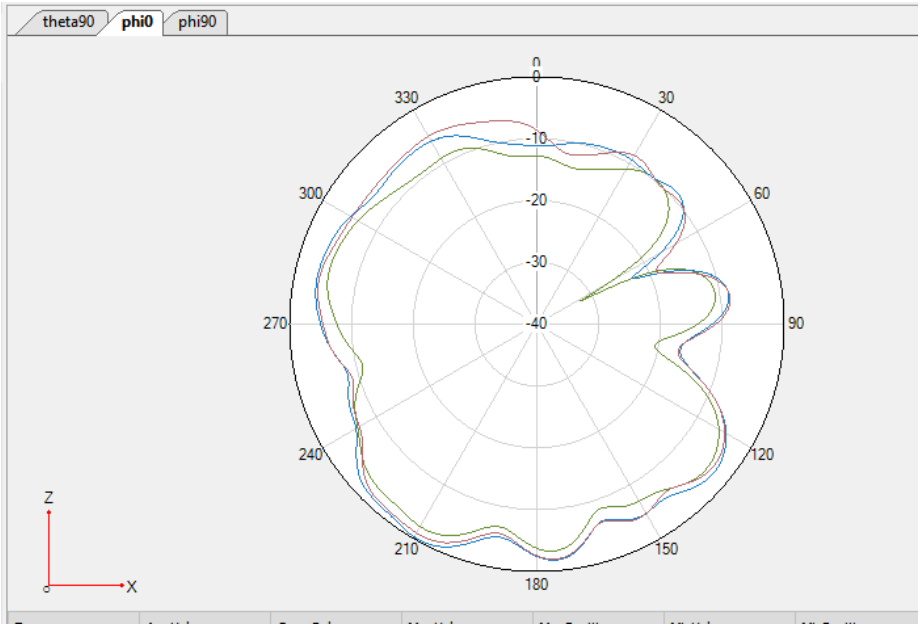
GPS Phi=90deg



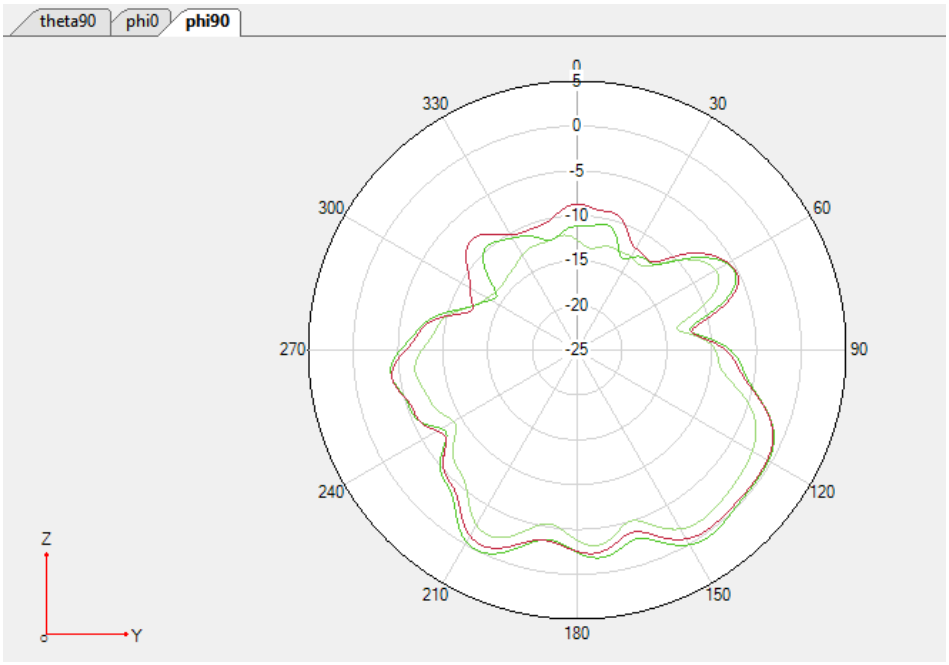
GPS Theta=90deg

※ Antenna Gain

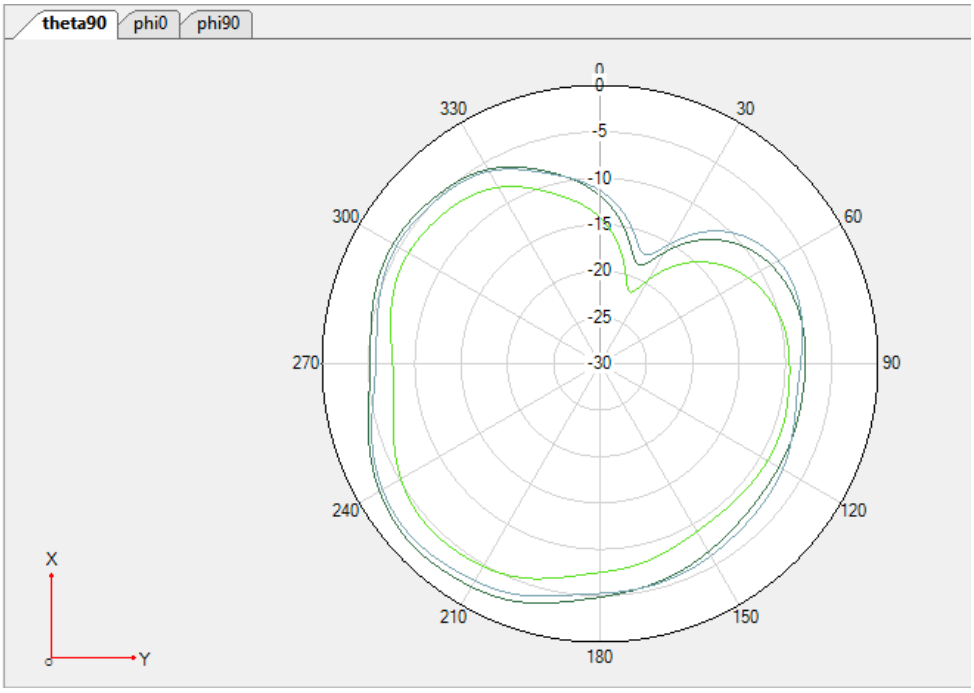
ANT13



2.4G WIFI Phi=0deg



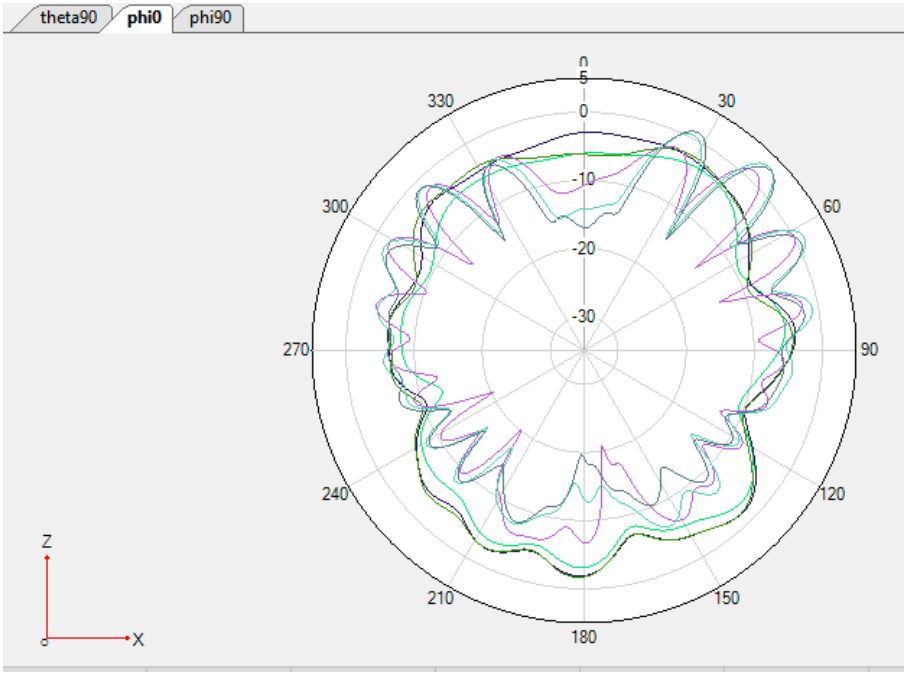
2.4G WIFI&BT Phi=90deg



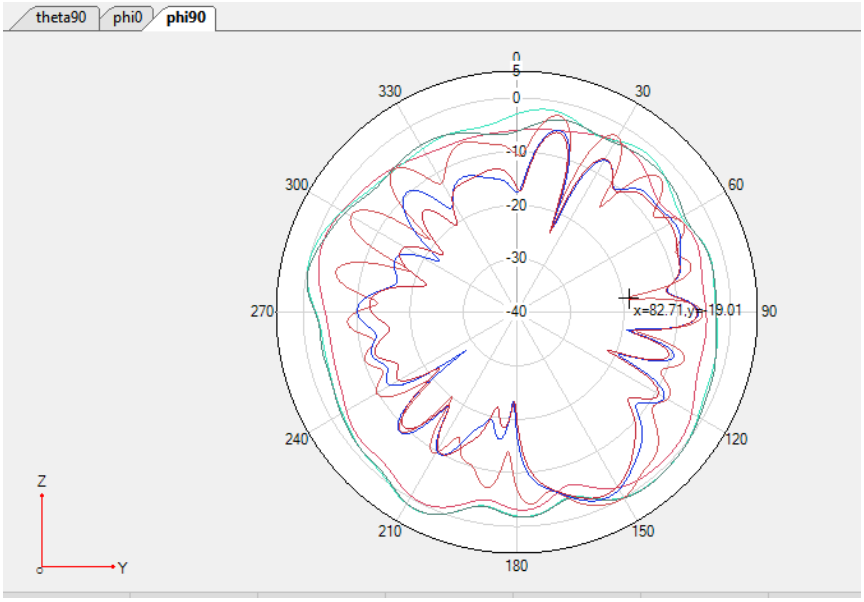
2.4G WIFI&BT Theta=90deg

※ Antenna Gain

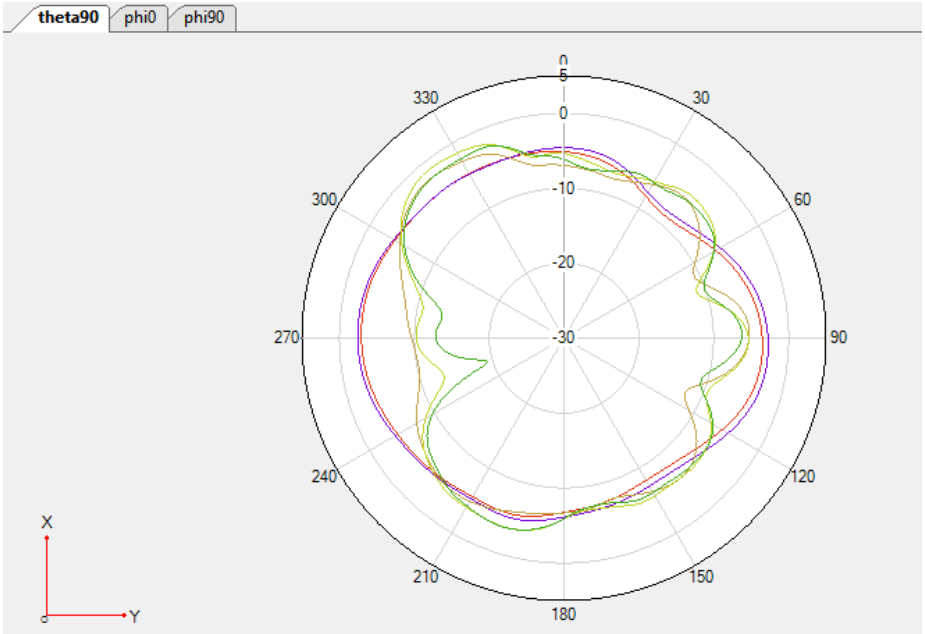
ANT14



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



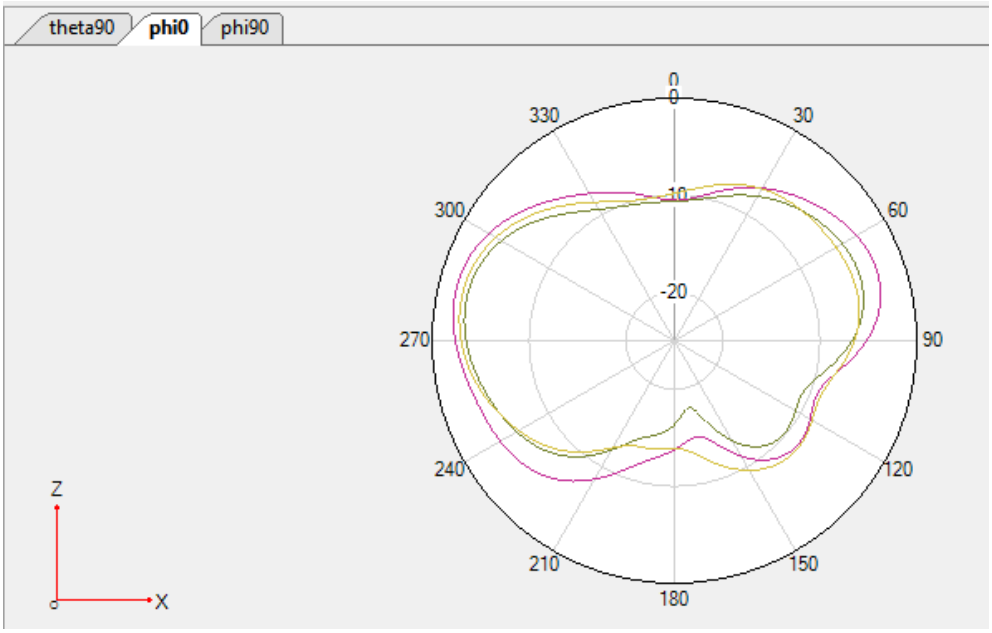
2.4G WIFI&BT& 5G WIFI Phi=90deg



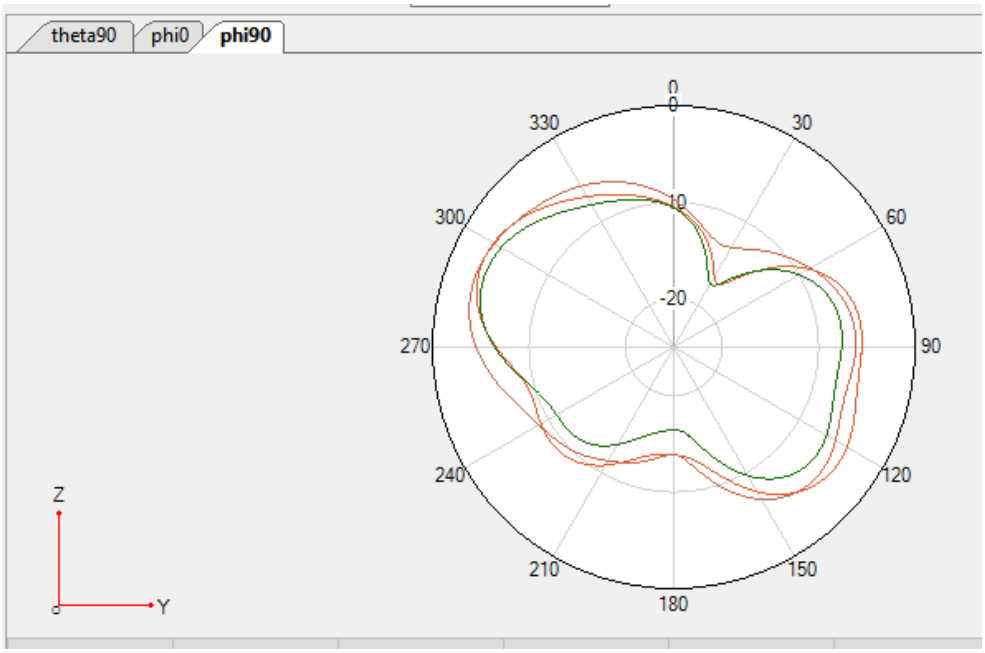
2.4G WIFI&BT& 5G WIFI Theta=90deg

※ Antenna Gain

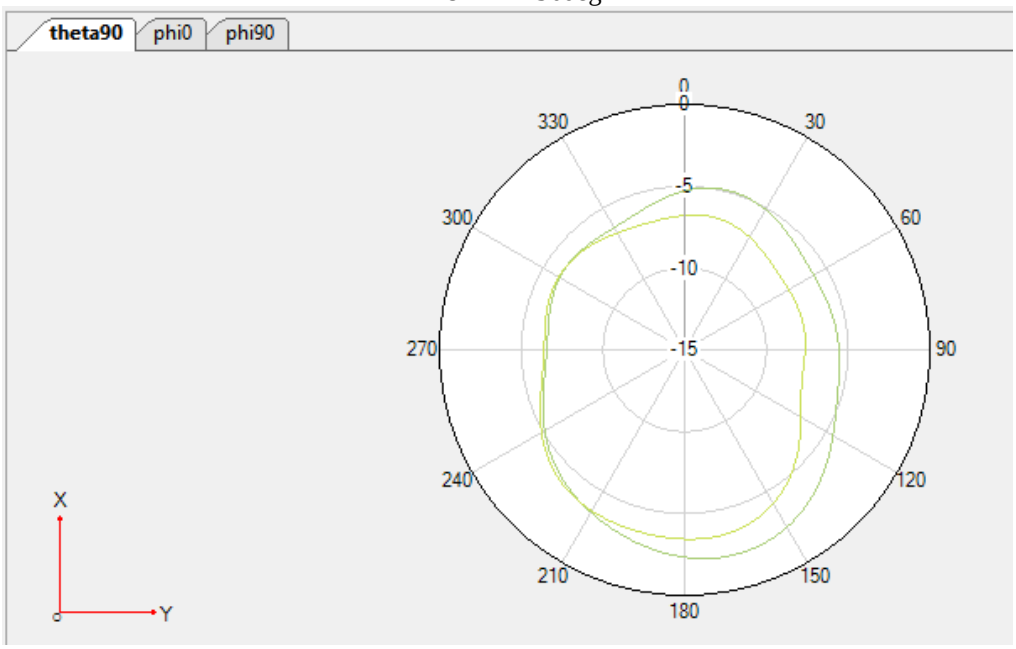
ANT0



B28 Phi=0deg



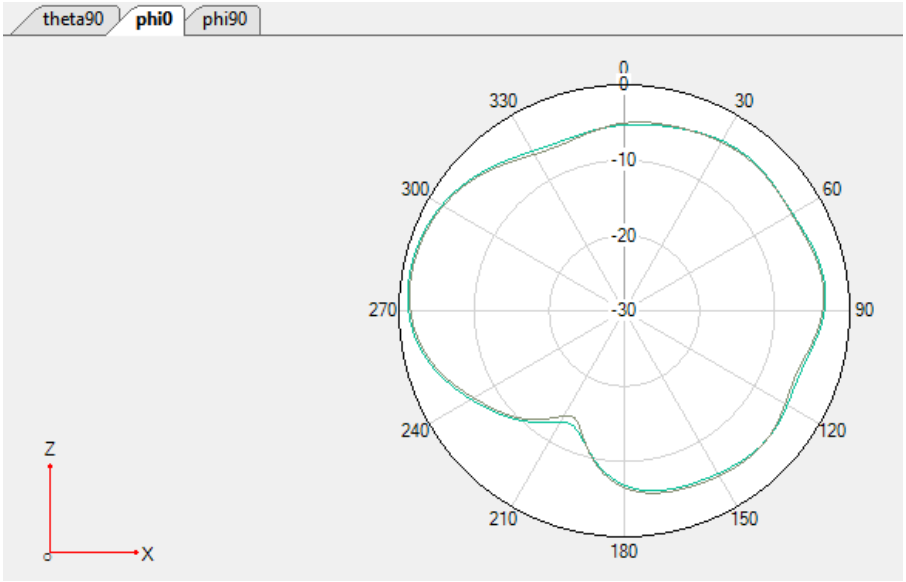
B28 Phi=90deg



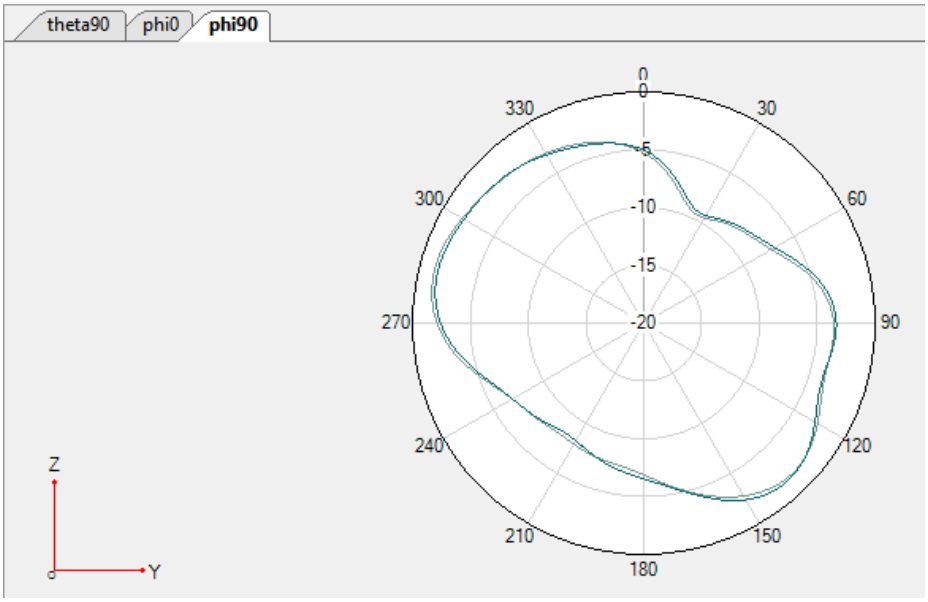
B28 Theta=90deg

※ Antenna Gain

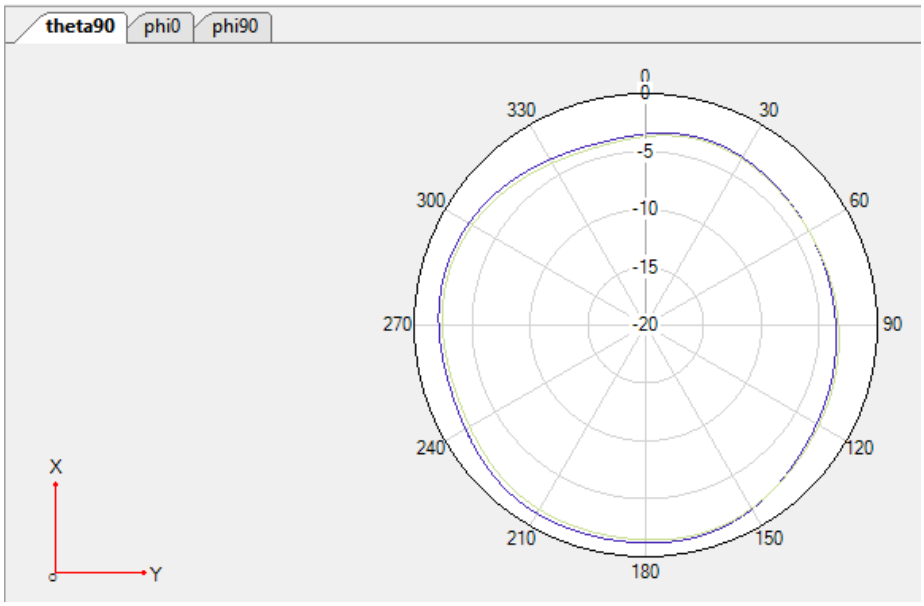
ANT0



B20 Phi=0deg



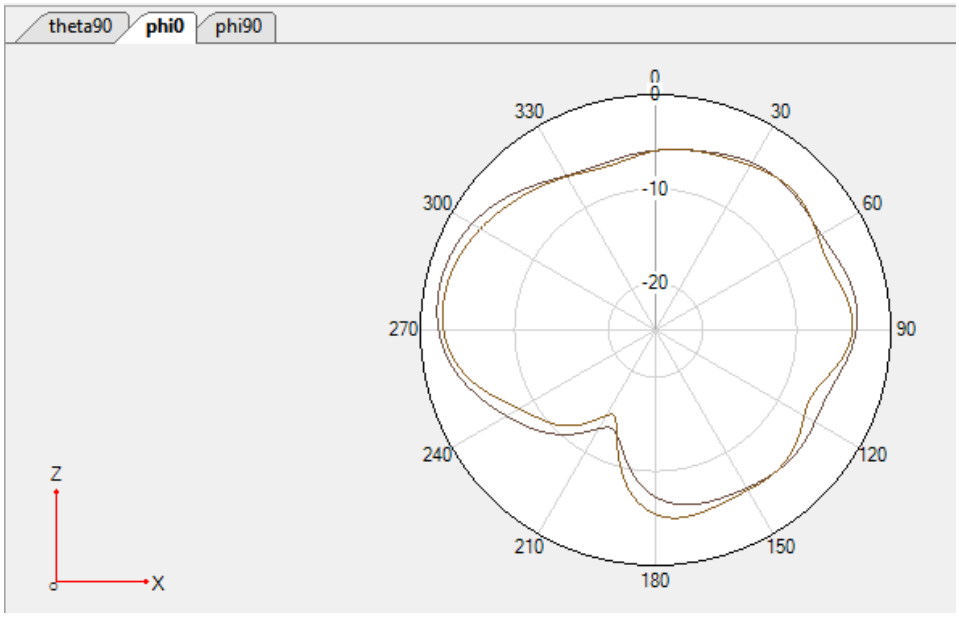
B20 Phi=90deg



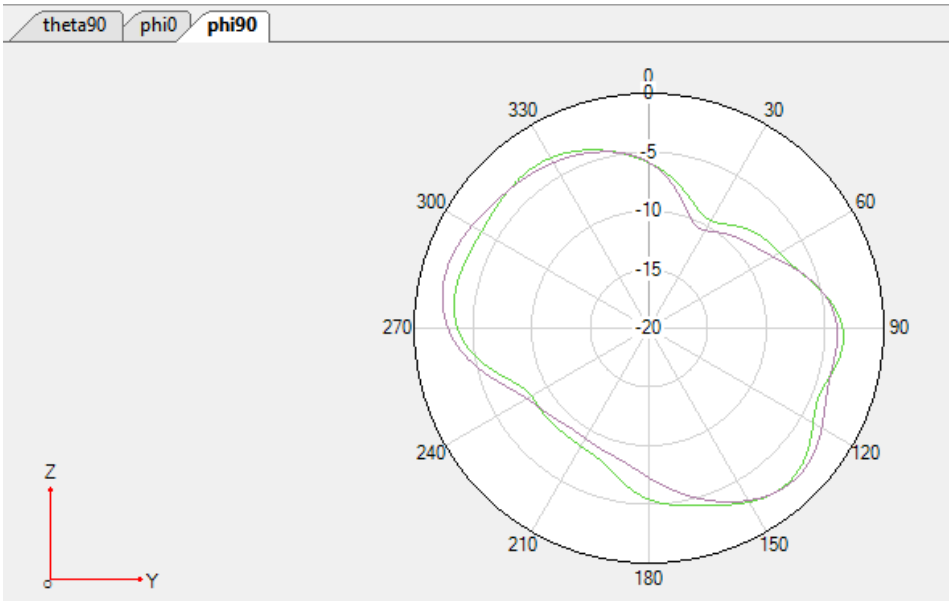
B20 Theta=90deg

※ Antenna Gain

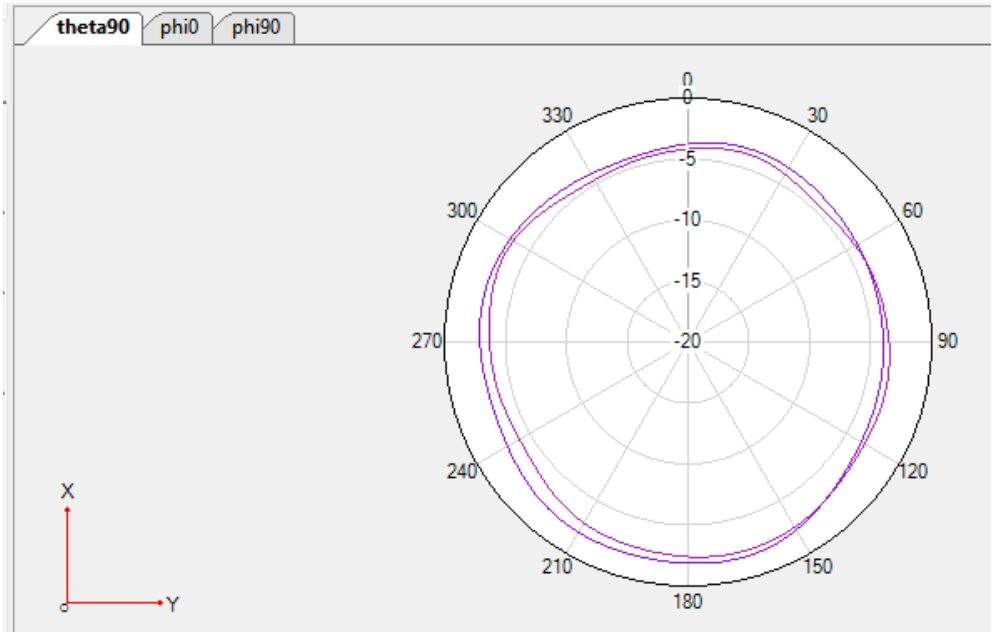
ANT0



GSM850/WCDMA B5/LTE B5 Phi=0deg



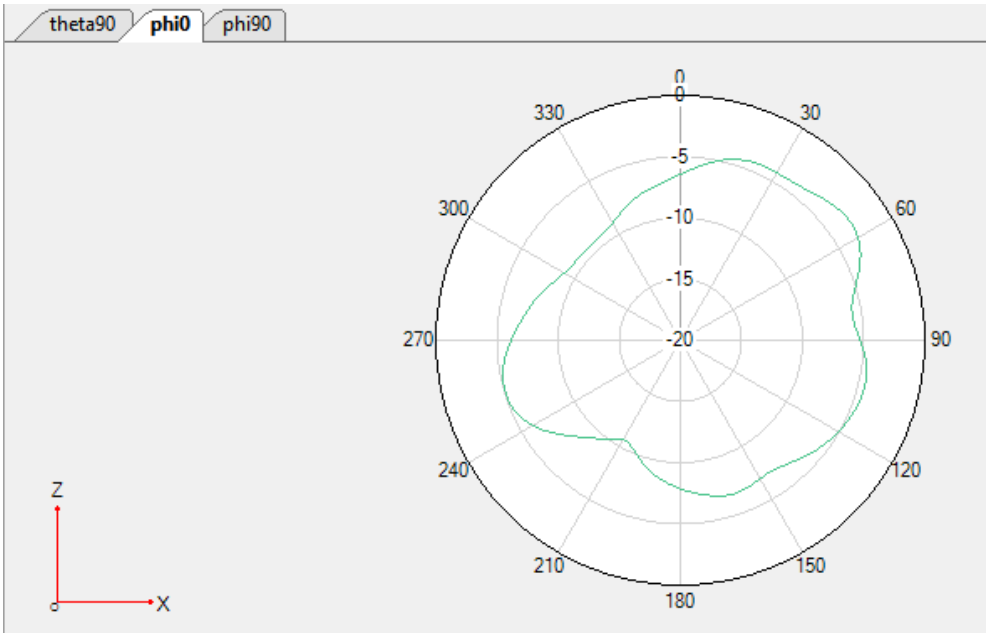
GSM850/WCDMA B5/LTE B5 Phi=90deg



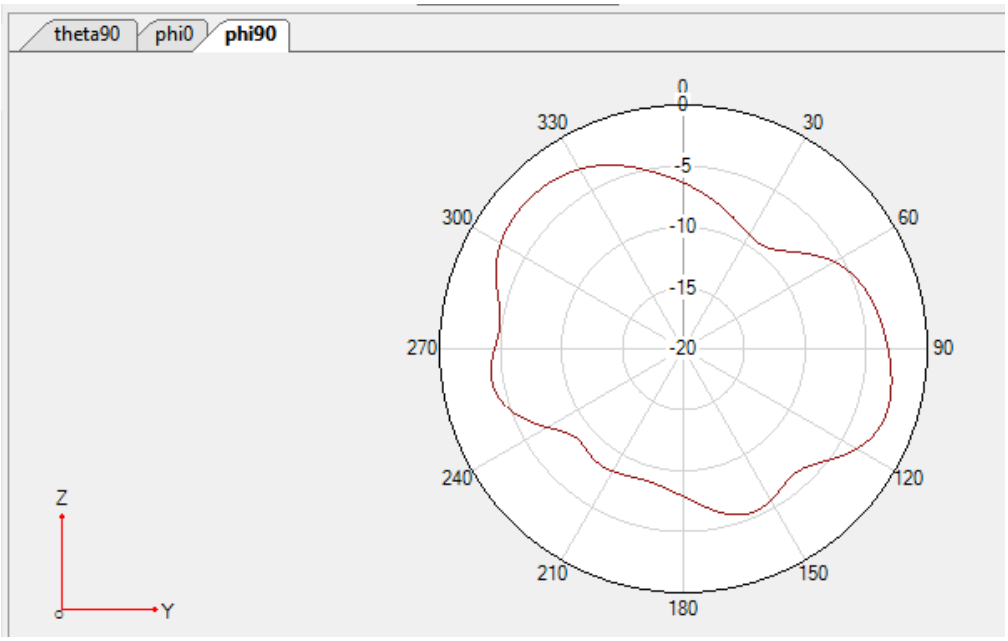
GSM850/WCDMA B5/LTE B5 Theta=90deg

※ Antenna Gain

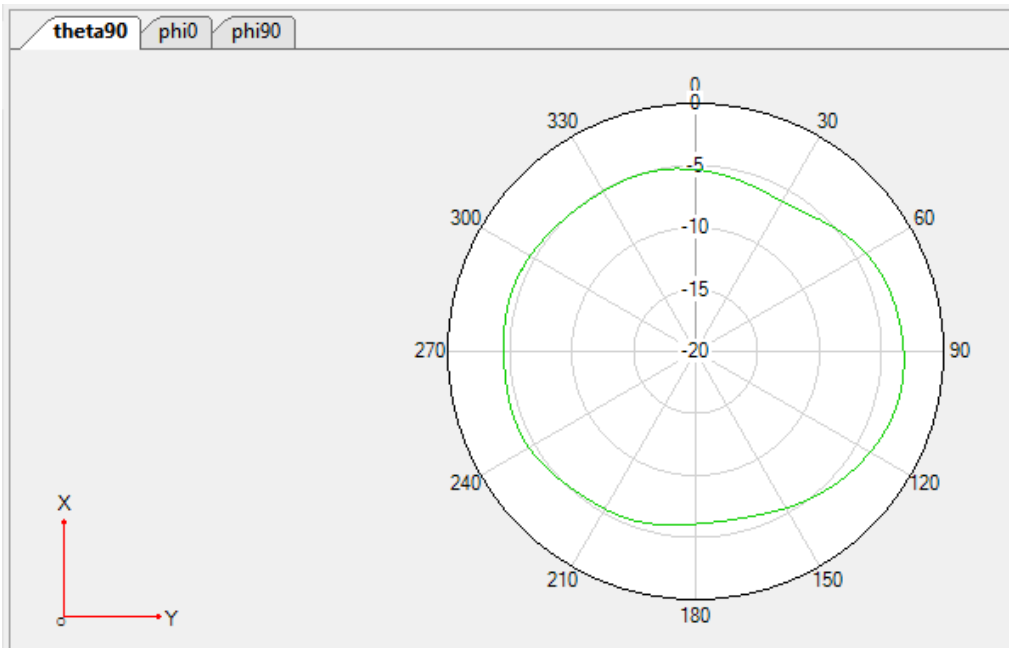
ANT0



GSM900/WCDMA B8/LTE B8 Phi=0deg



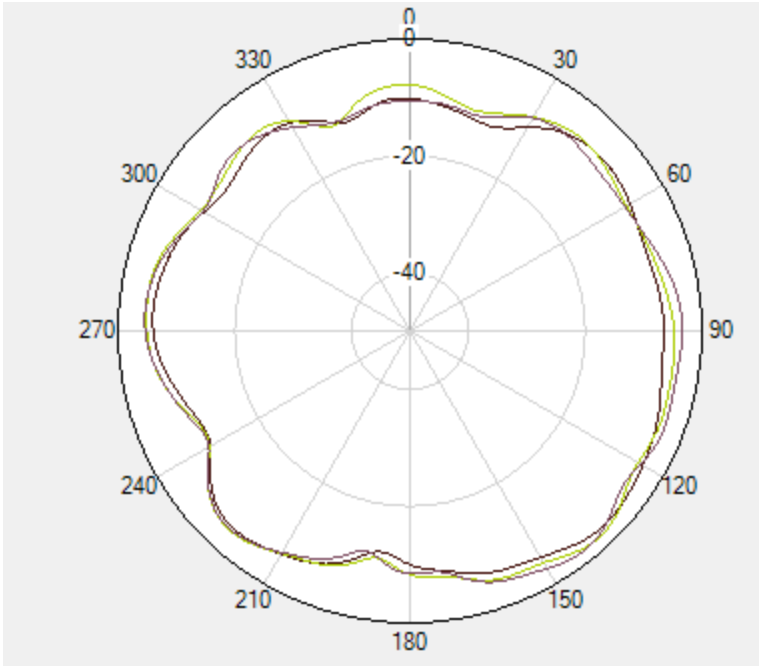
GSM900/WCDMA B8/LTE B8 Phi=90deg



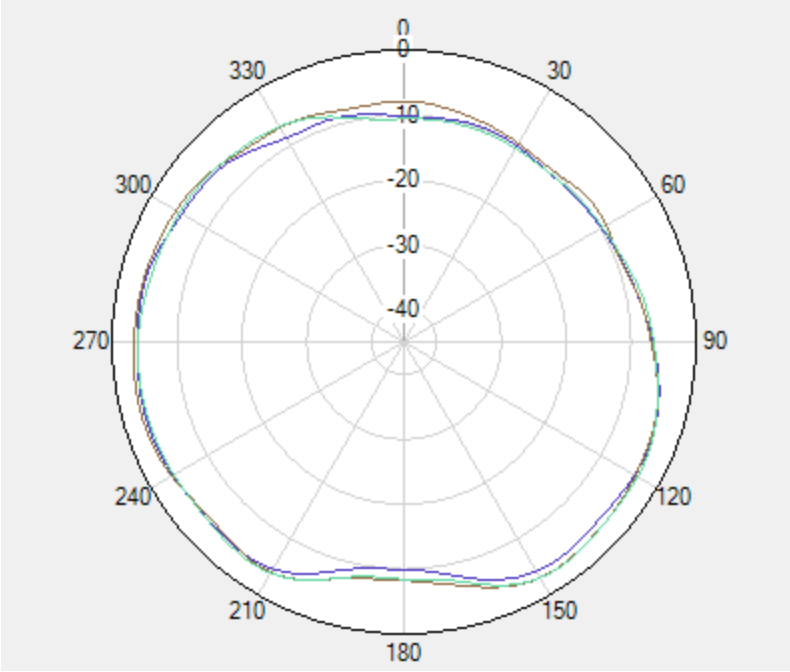
GSM900/WCDMA B8/LTE B8 Theta=90deg

※ Antenna Gain

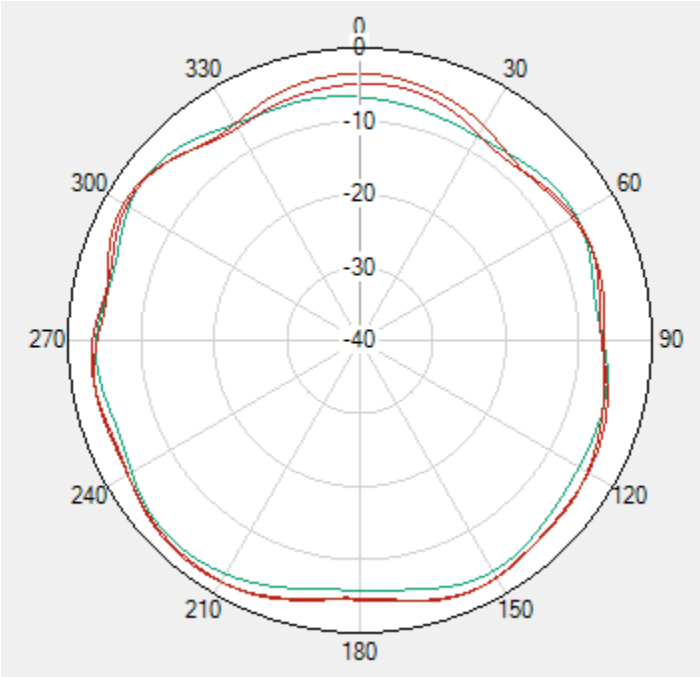
ANT1



LTE B7/B38/B41 Phi=0deg



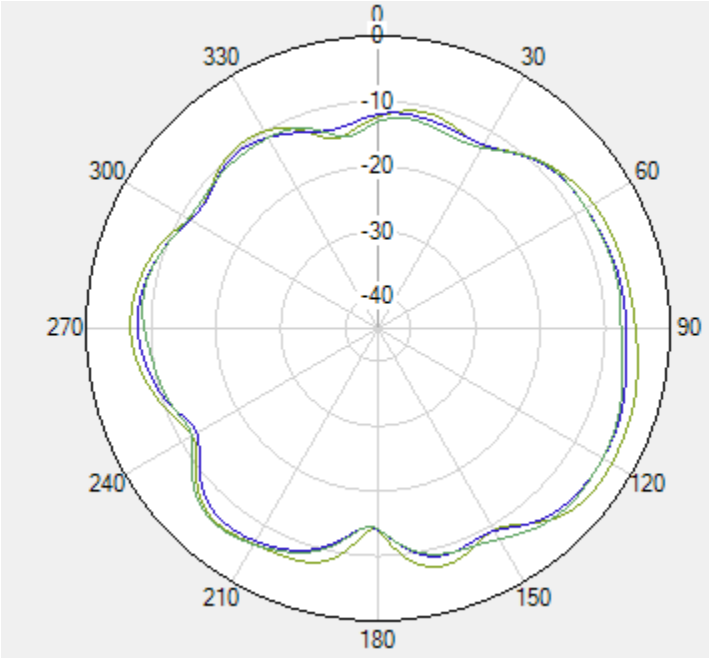
LTE B7/B38/B41 Phi=90deg



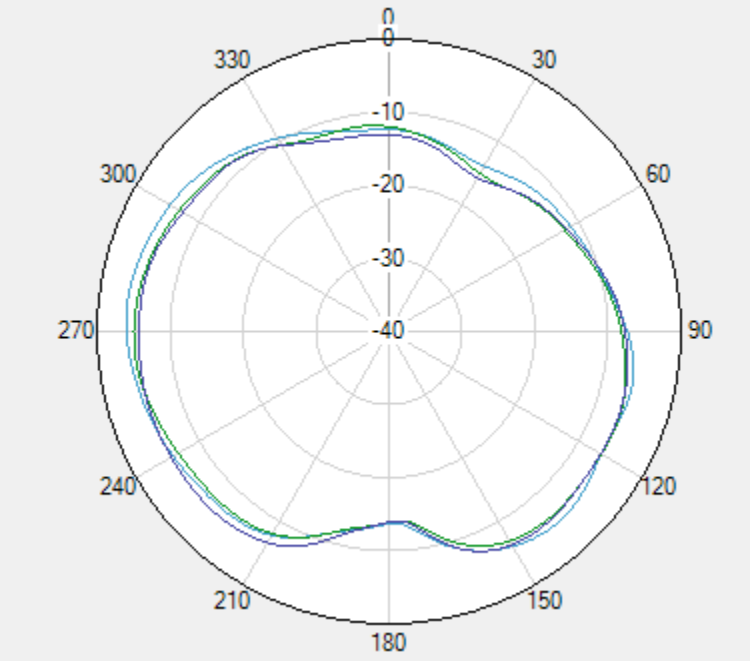
LTE B7/B38/B41 Theta=90deg

※ Antenna Gain

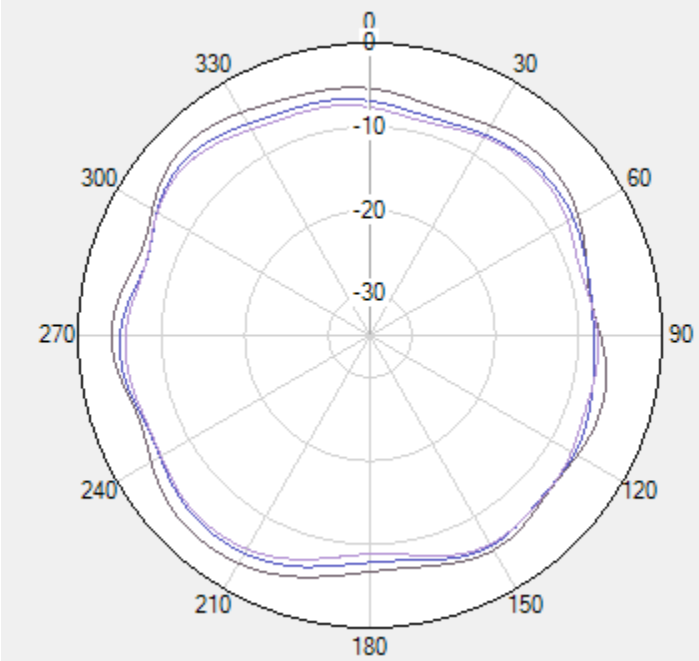
ANT1



LTE B40 Phi=0deg



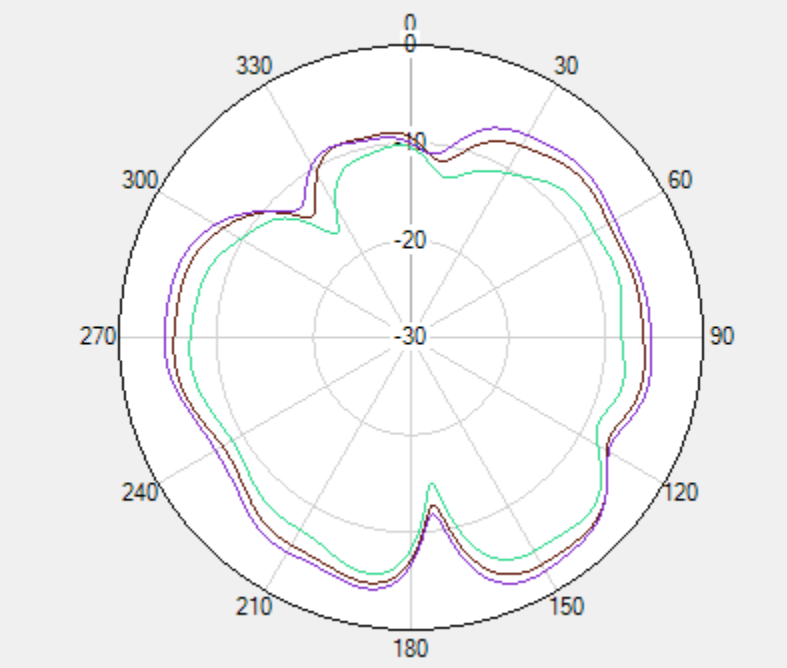
LTE B40 Phi=90deg



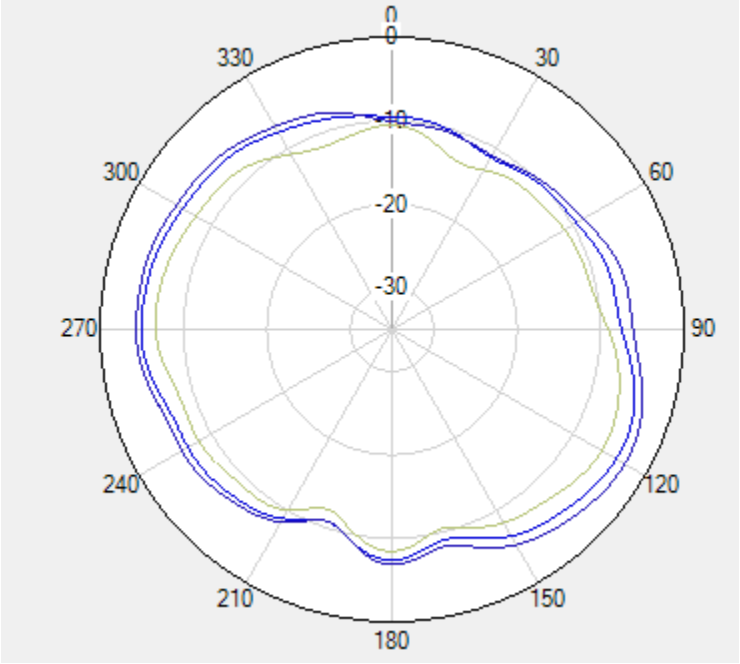
LTE B40 Theta=90deg

※ Antenna Gain

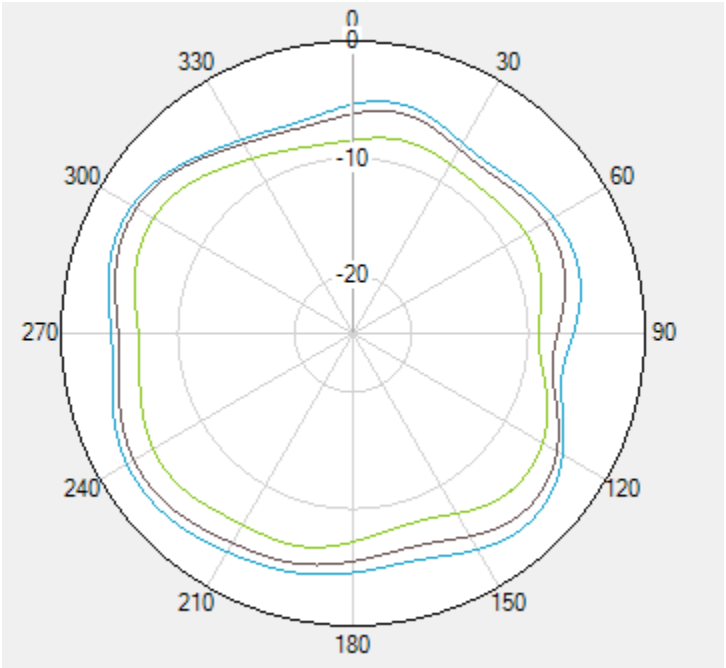
ANT1



DCS/PCS/WCDMA B2/LTE B2/B3 Phi=0deg



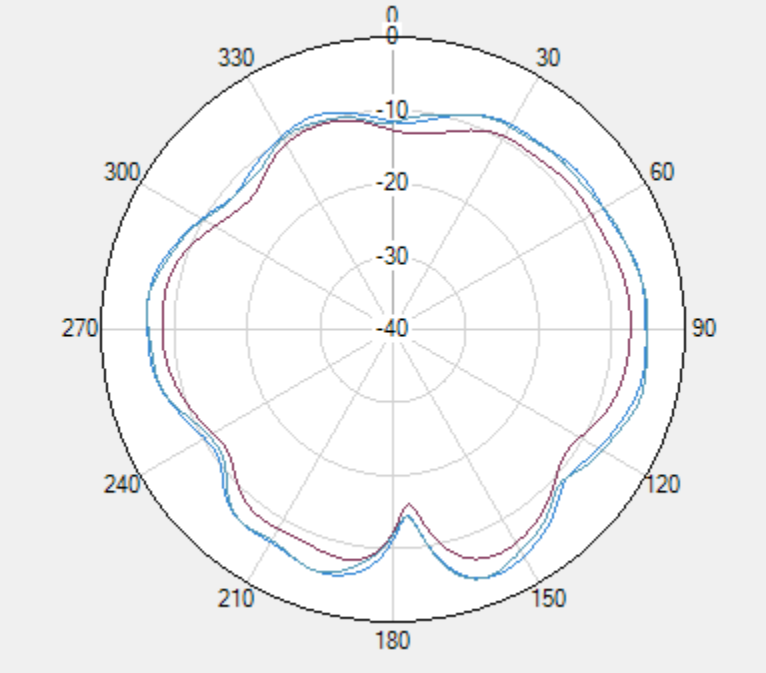
DCS/PCS/WCDMA B2/LTE B2/B3 Phi=90deg



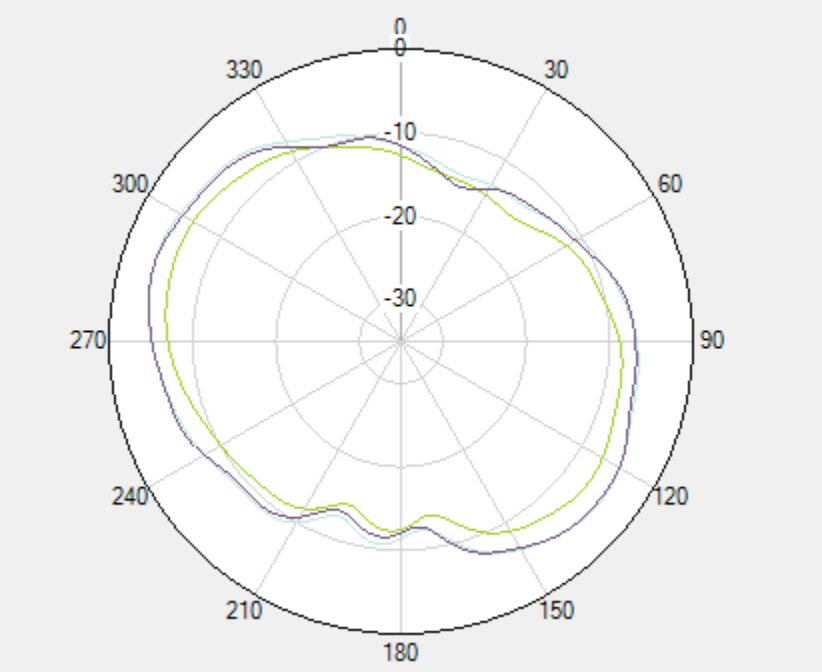
DCS/PCS/WCDMA B2/LTE B2/B3 Theta=90deg

※ Antenna Gain

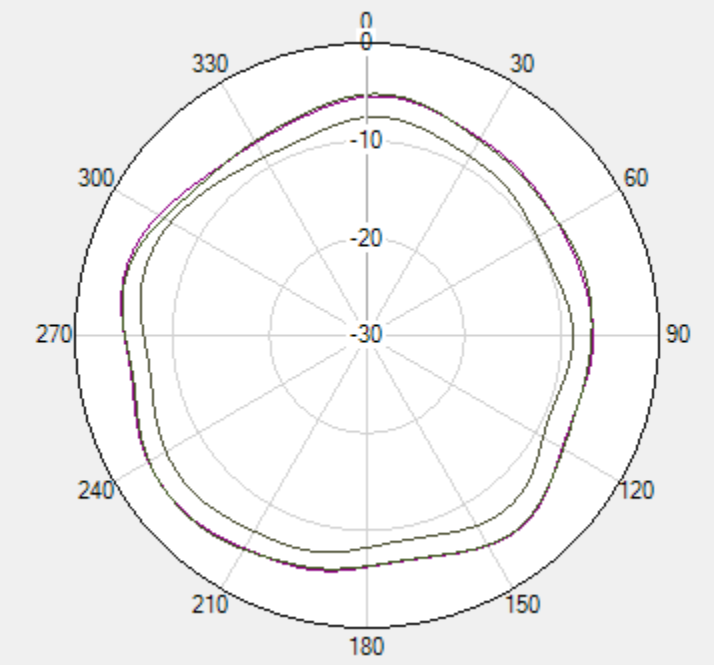
ANT1



WCDMA B1/LTE B1/B4 Phi=0deg



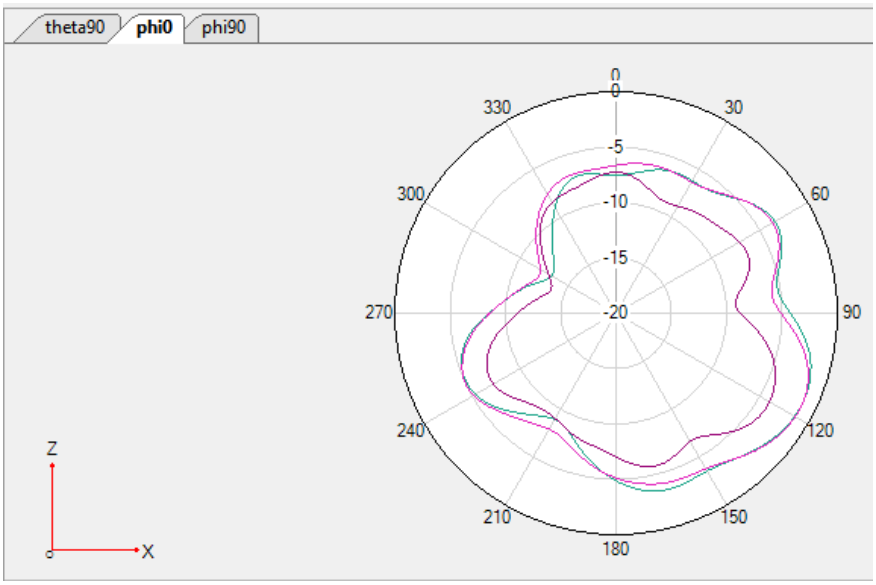
WCDMA B1/LTE B1/B4 Phi=90deg



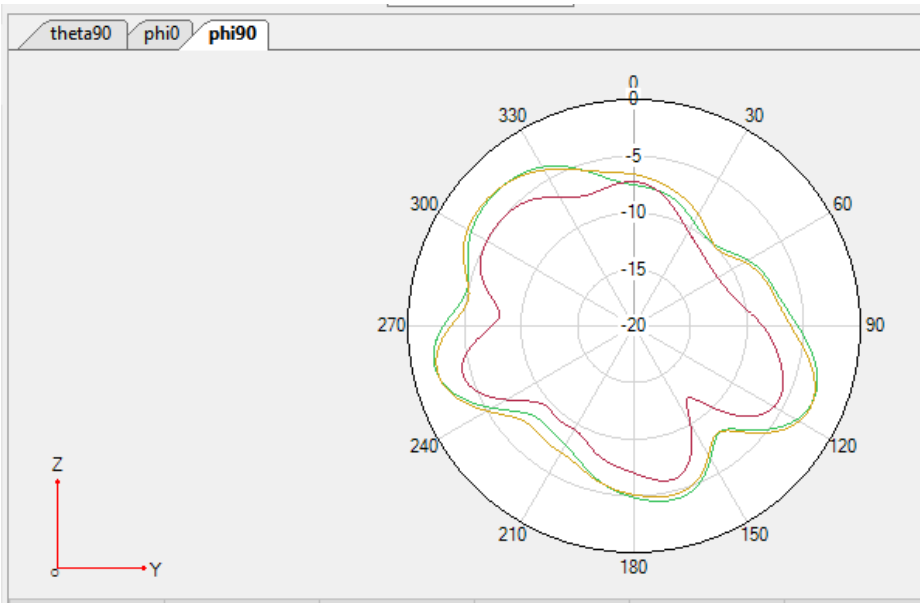
WCDMA B1/LTE B1/B4 Theta=90deg

※ Antenna Gain

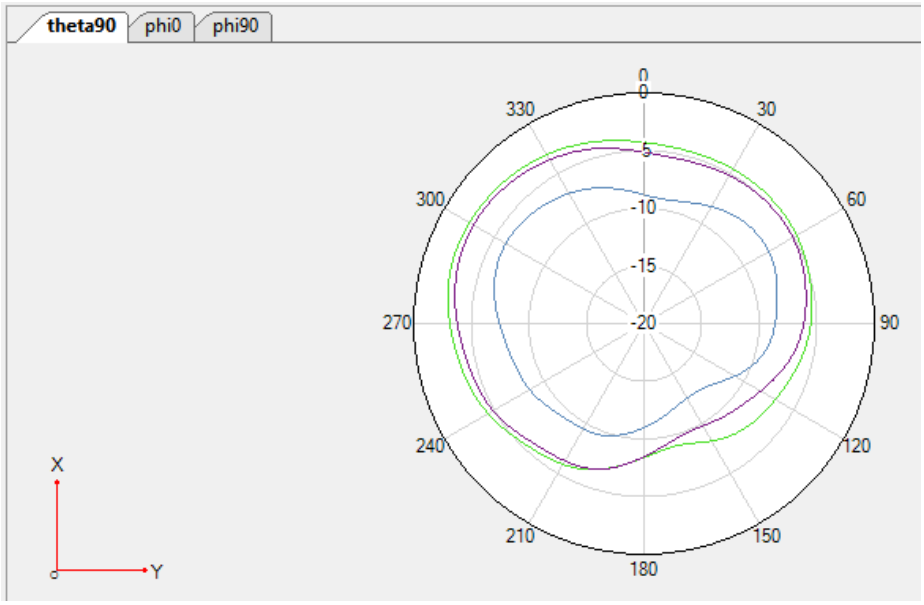
ANT2



GSM900/WCDMA8/LTE B8 Phi=0deg



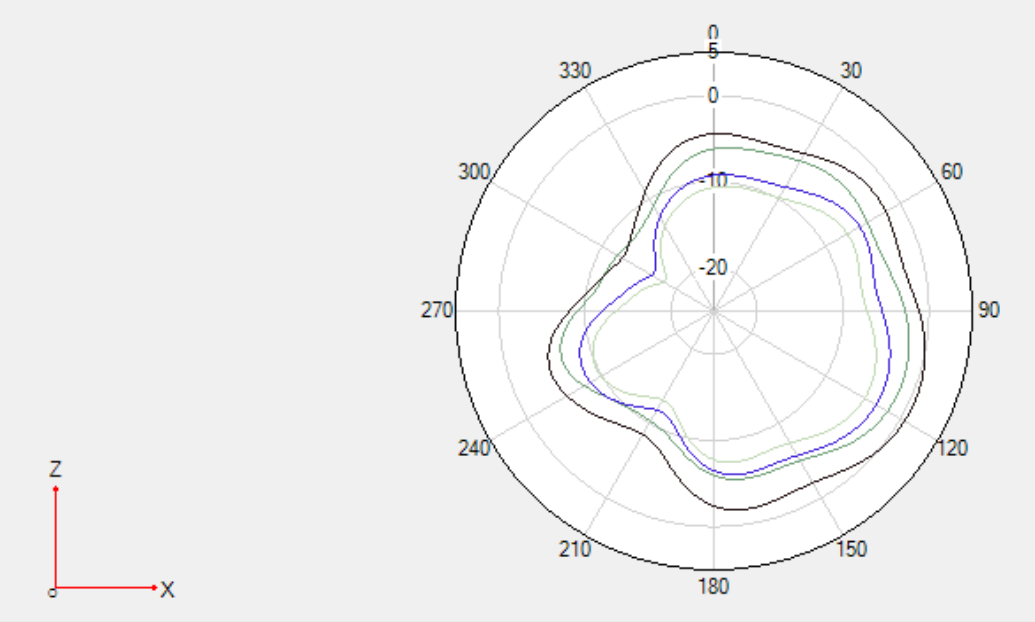
GSM900/WCDMA8/LTE B8 Phi=90deg



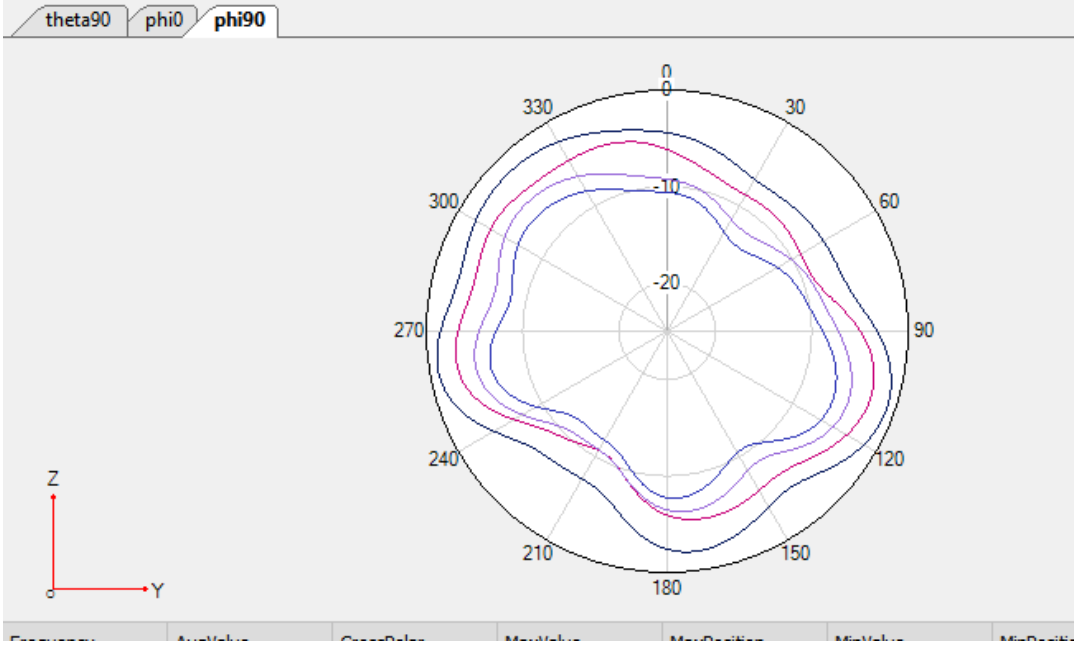
GSM900/WCDMA8/LTE B8 Theta=90deg

※ Antenna Gain

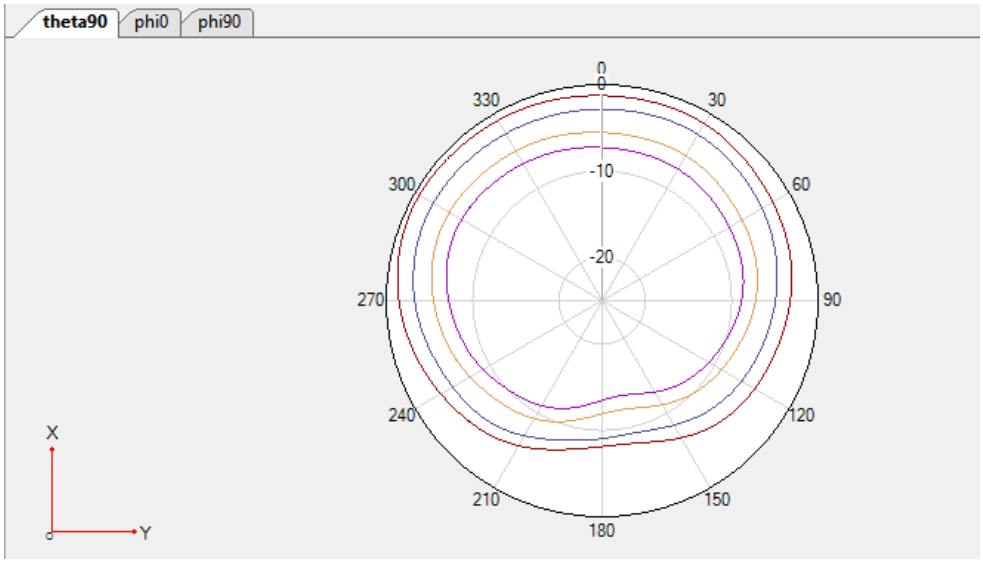
ANT2



GSM850/WCDMA B5/LTE B5 Phi=0deg



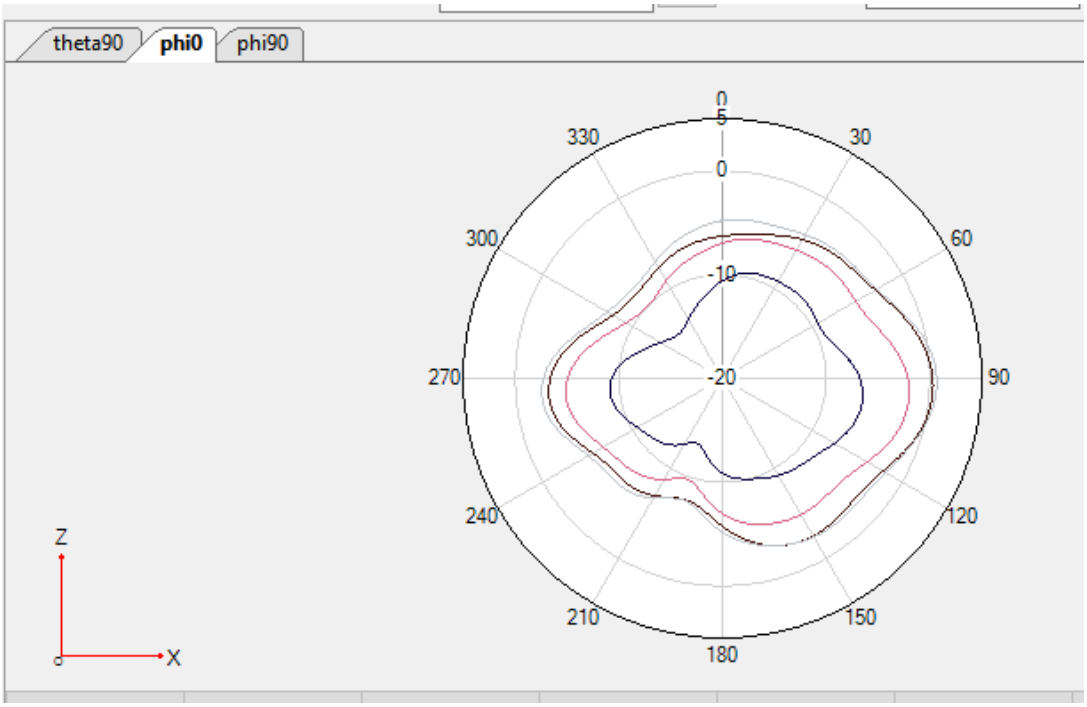
GSM850/WCDMA B5/LTE B5 Phi=90deg



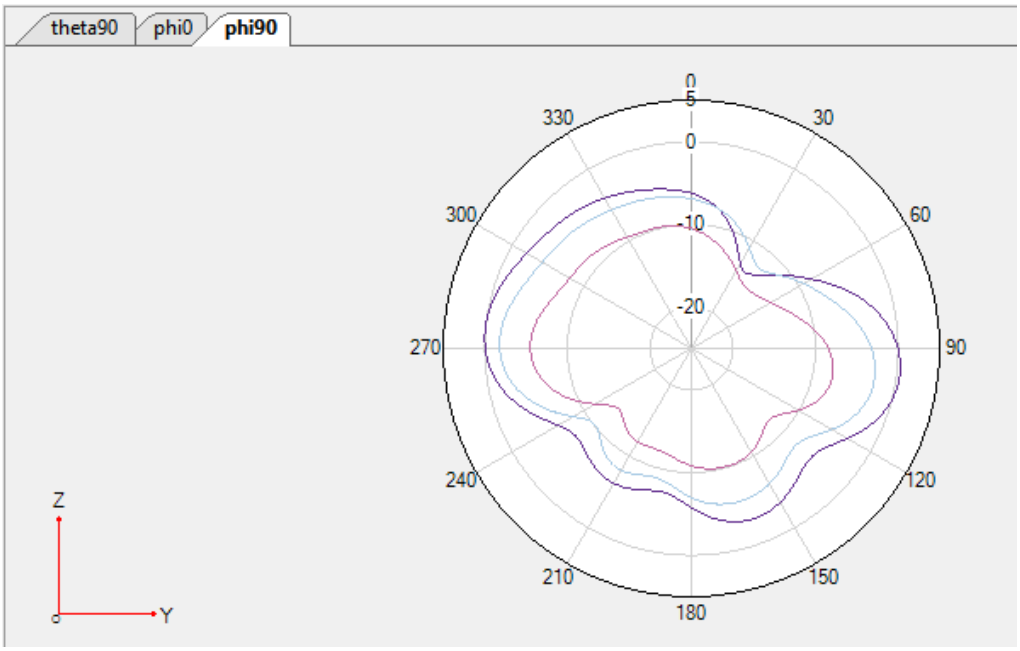
GSM850/WCDMA B5/LTE B5 Theta=90deg

※ Antenna Gain

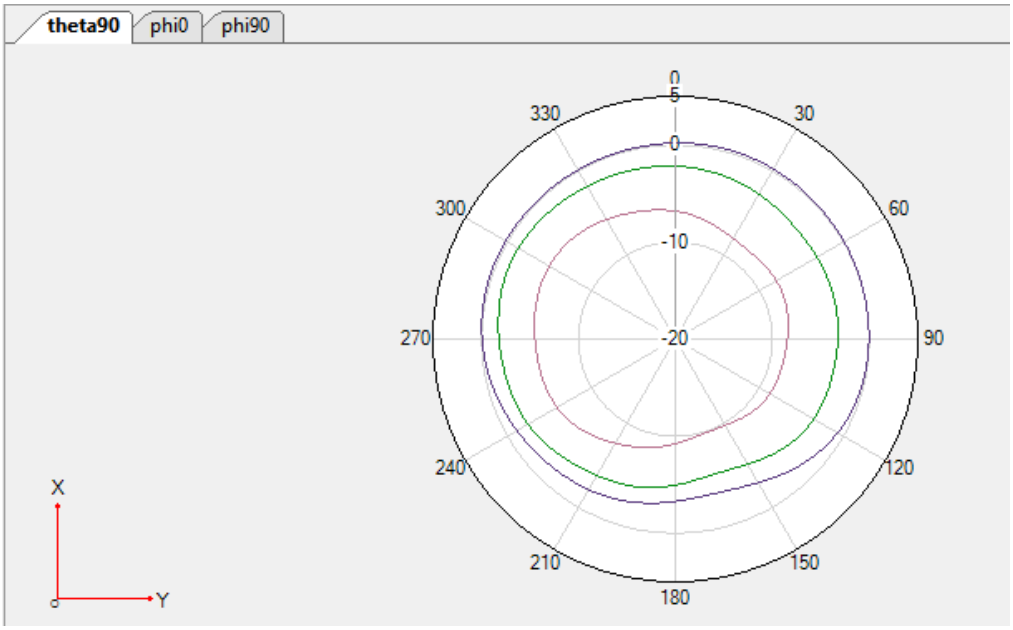
ANT2



LTE B28A Phi=0deg



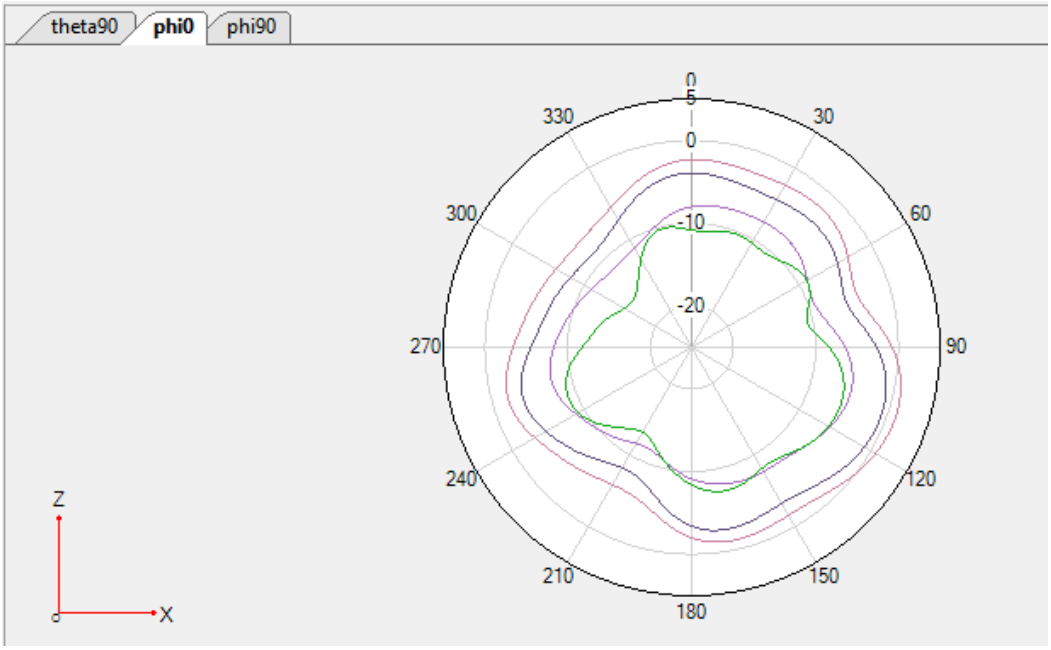
LTE B28A Phi=90deg



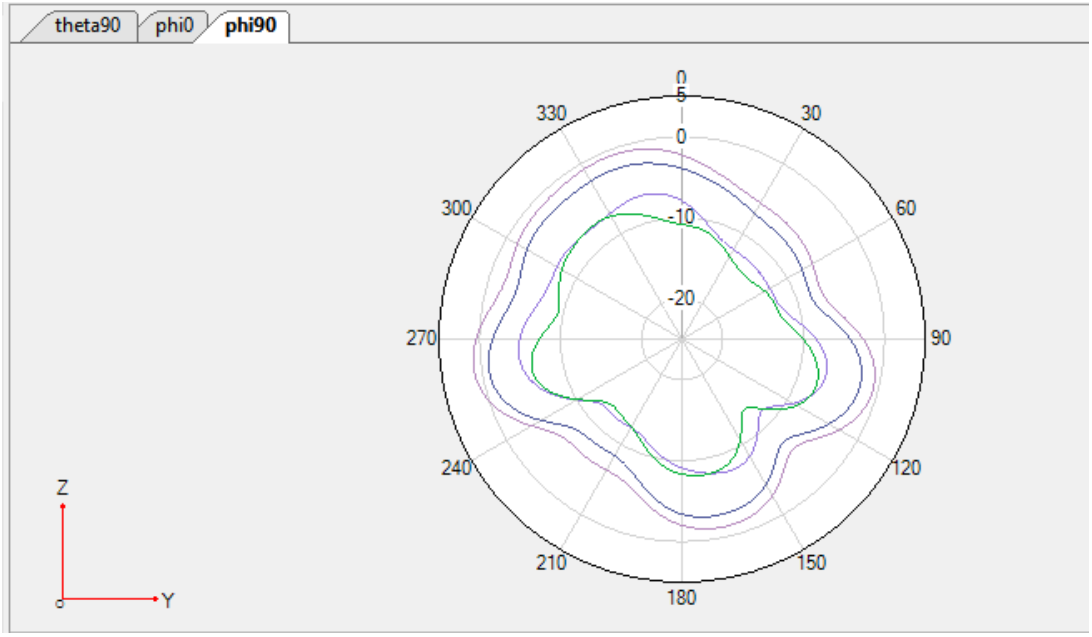
LTE B28A Theta=90deg

※ Antenna Gain

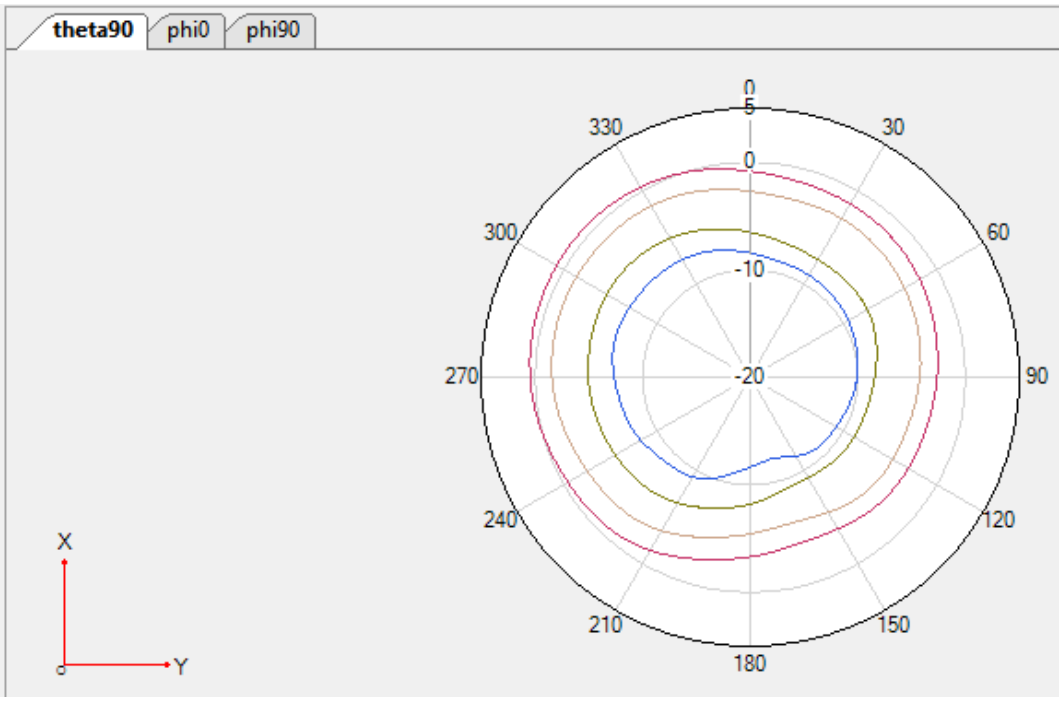
ANT2



LTE B20 Phi=0deg



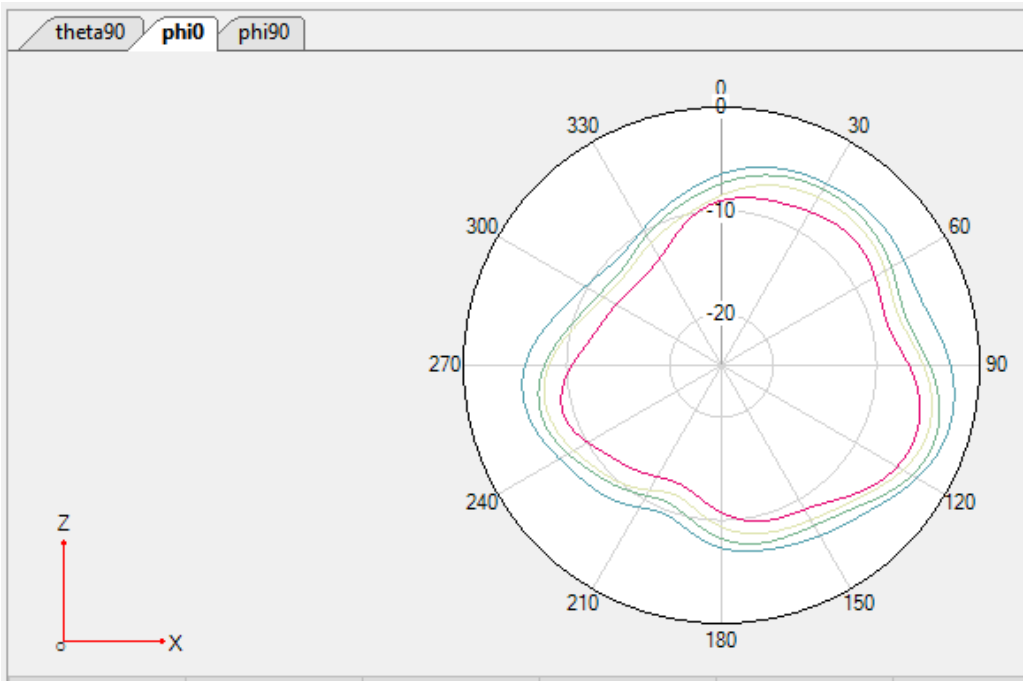
LTE B20 Phi=90deg



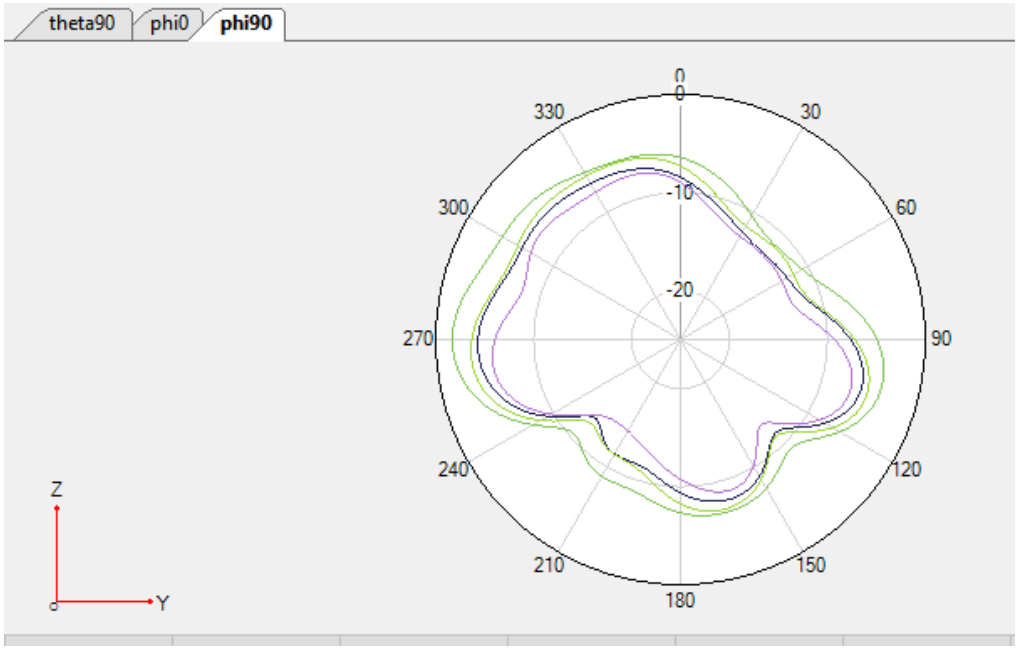
LTE B20 Theta=90deg

※ Antenna Gain

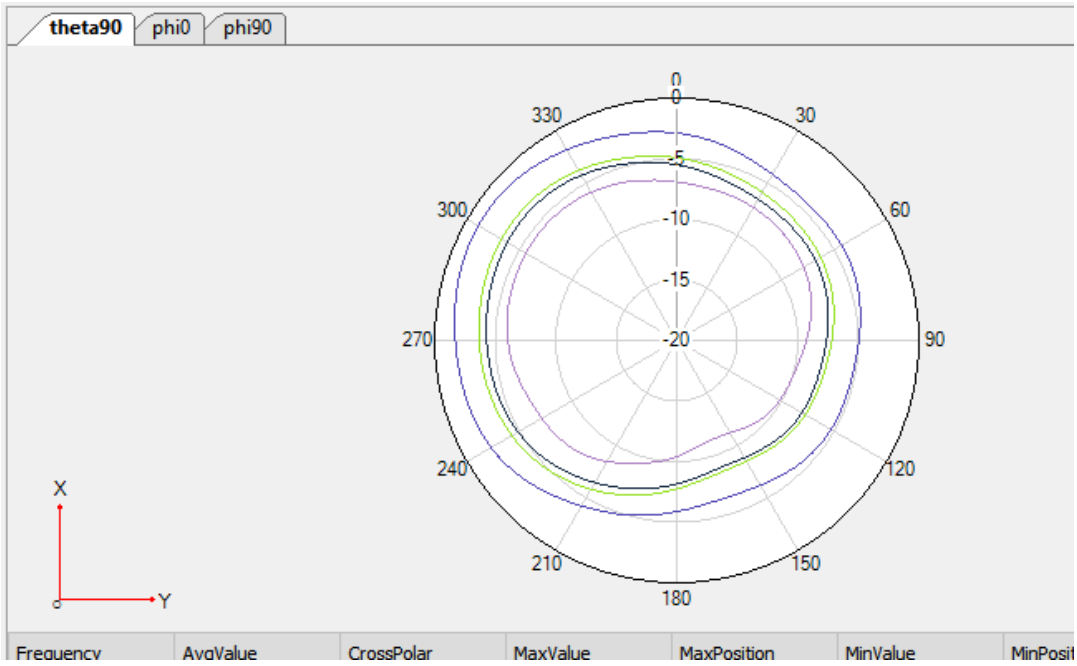
ANT2



LTE B28B Phi=0deg



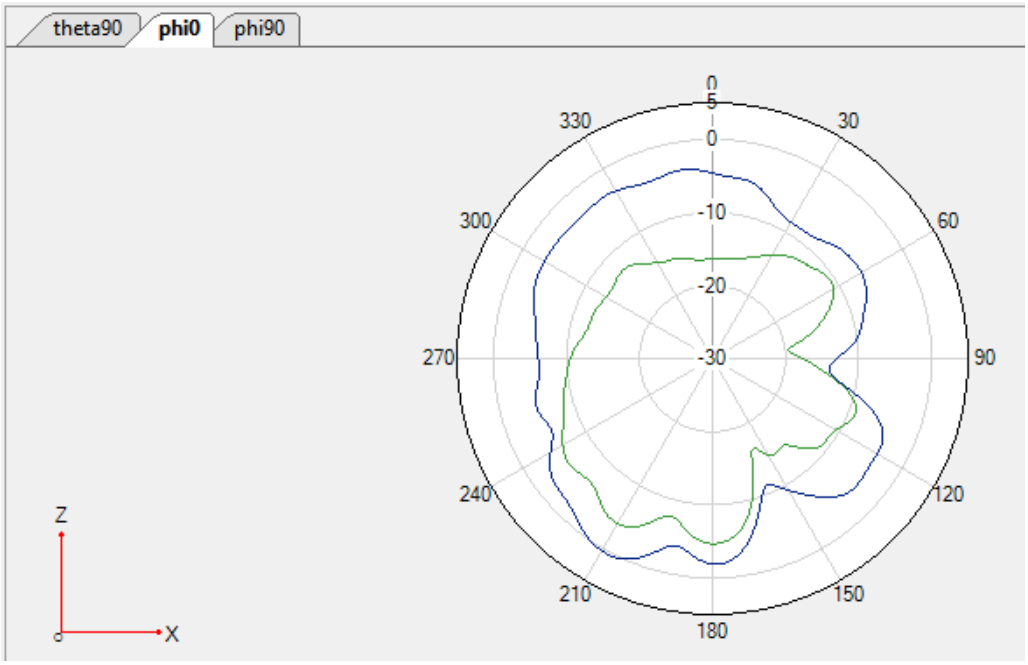
LTE B28B Phi=90deg



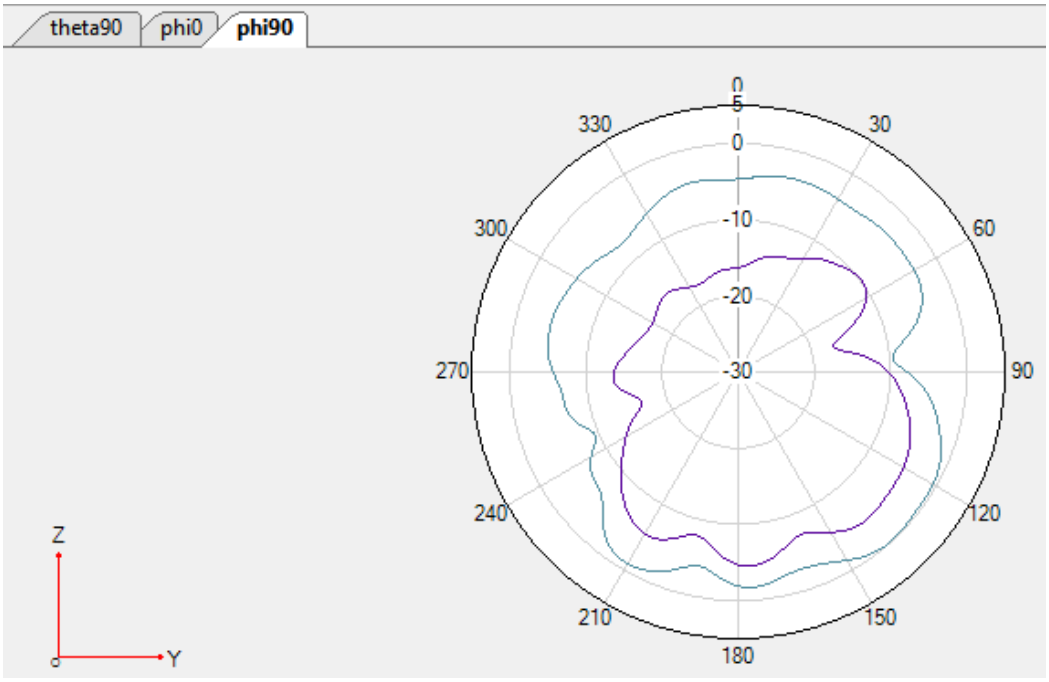
LTE B28B Theta=90deg

※ Antenna Gain

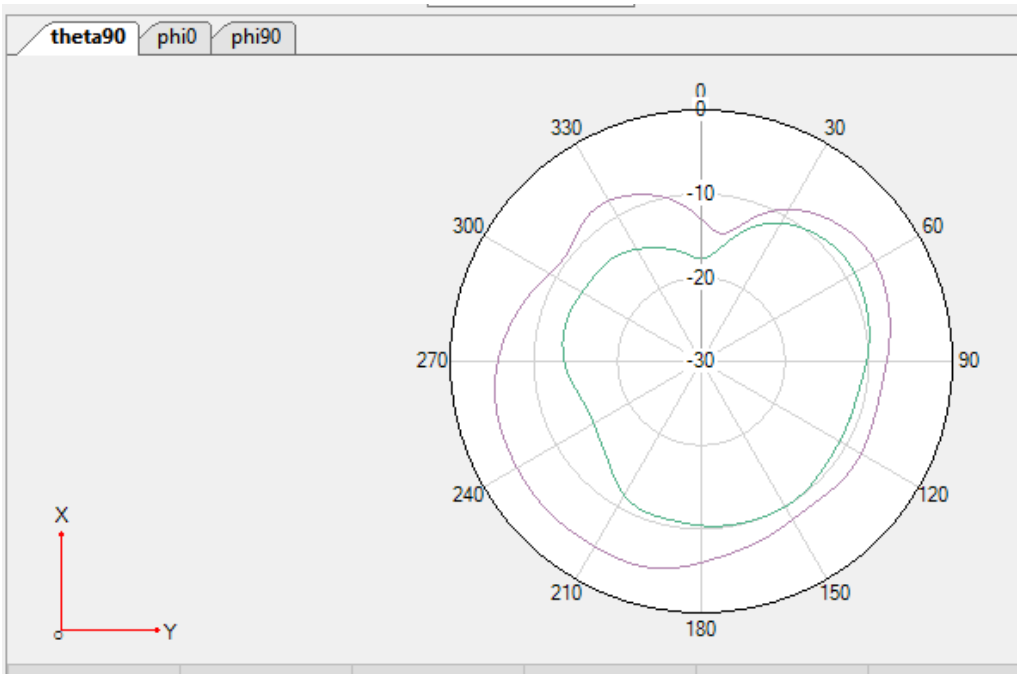
ANT3



DCS/PCS/WCDMA B2/LTE B2/B3 Phi=0deg



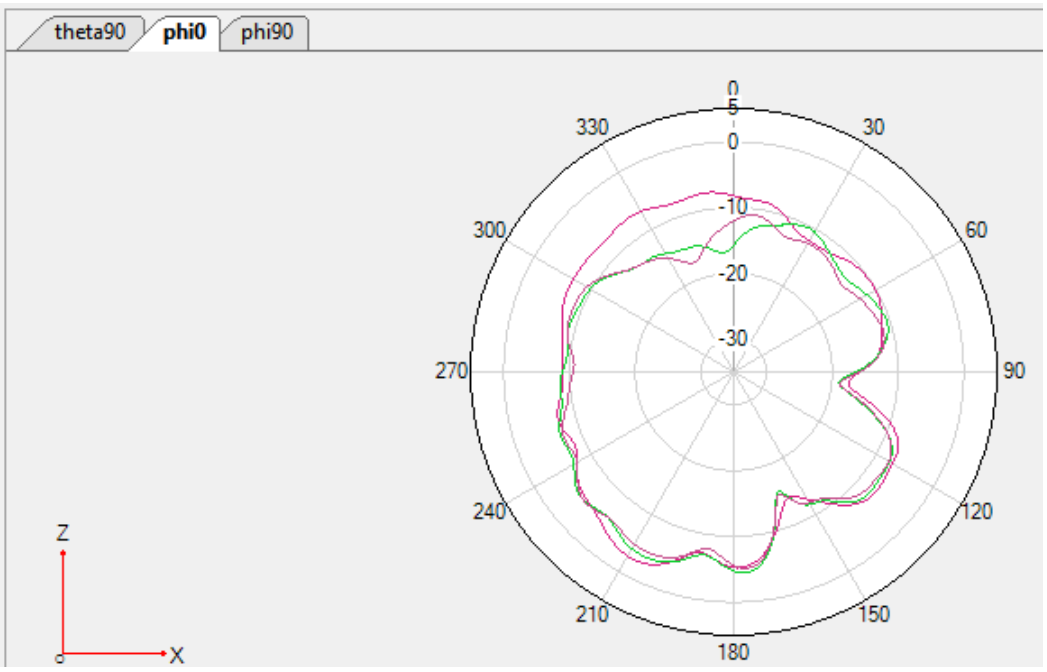
DCS/PCS/WCDMA B2/LTE B2/B3 Phi=90deg



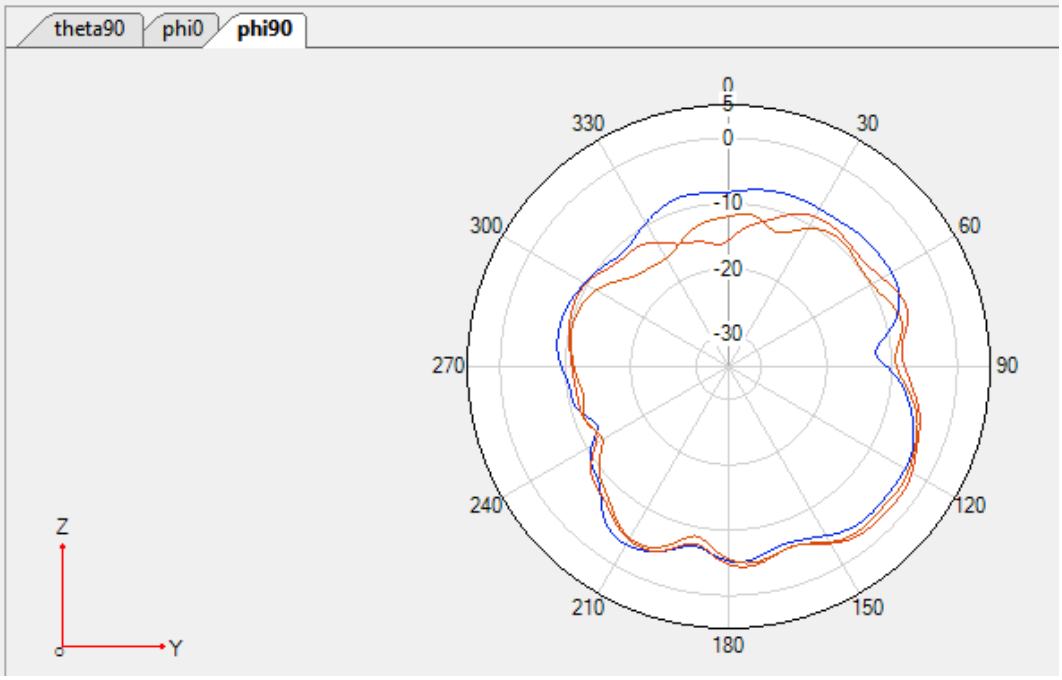
DCS/PCS/WCDMA B2/LTE B2/B3 Theta=90deg

※ Antenna Gain

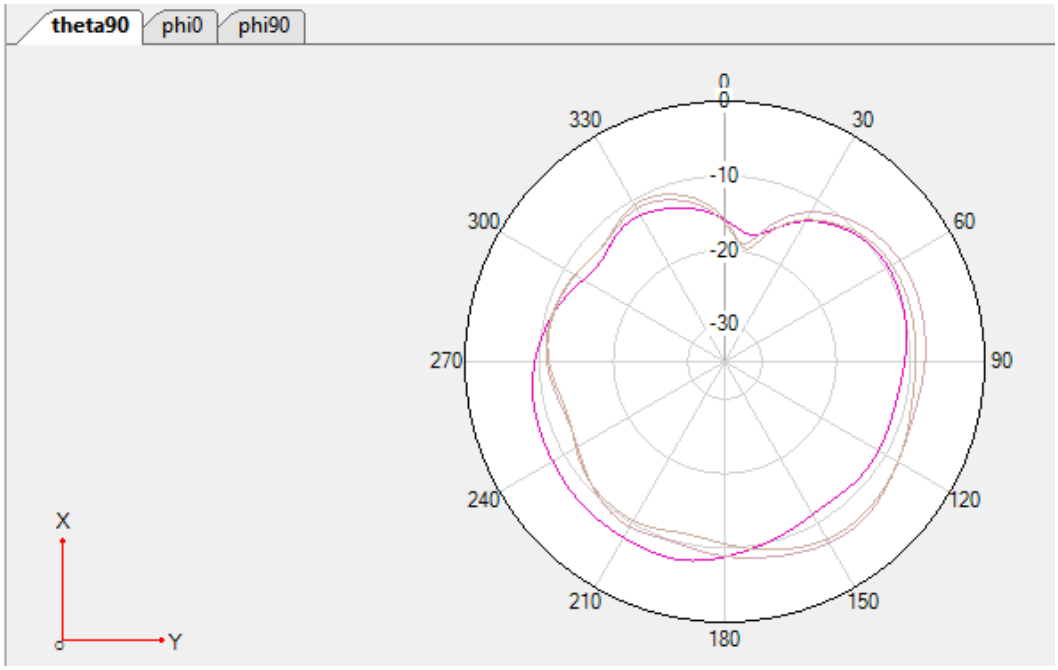
ANT3



WCDMA B1/B4/LTE B1/B4 Phi=0deg



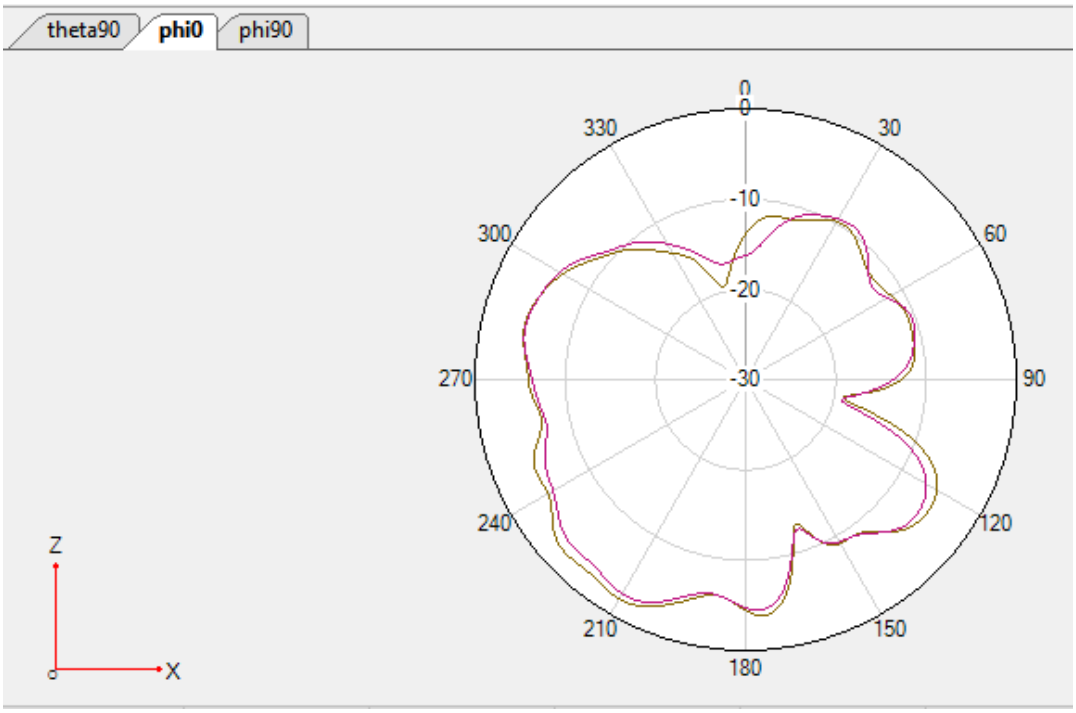
WCDMA B1/B4/LTE B1/B4 Phi=90deg



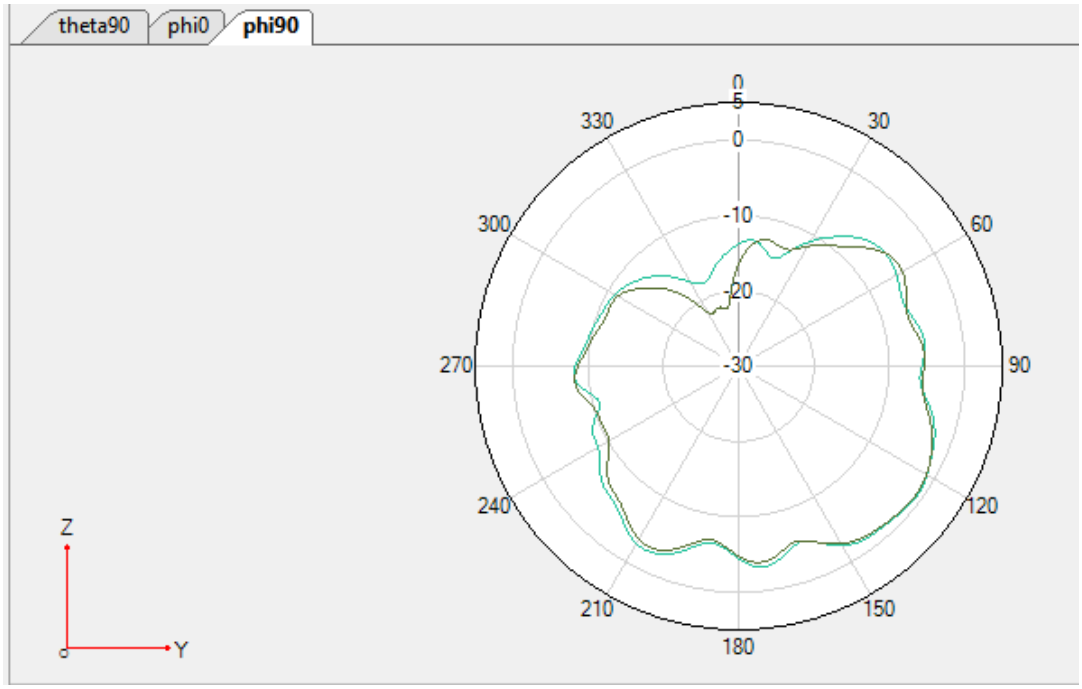
WCDMA B1/B4/LTE B1/B4 Theta=90deg

※ Antenna Gain

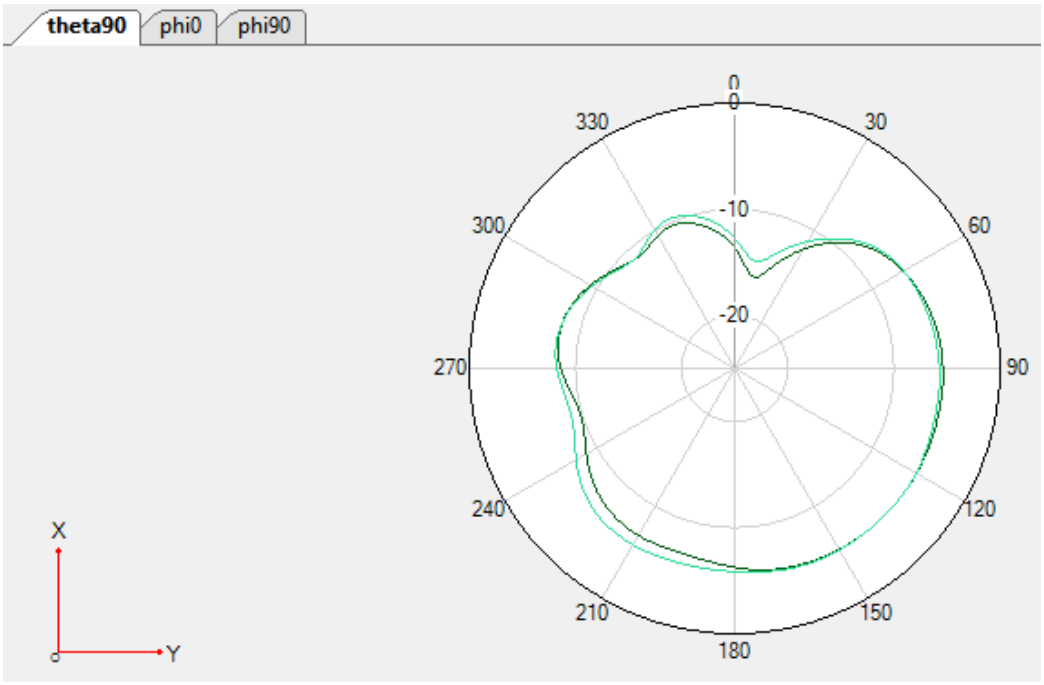
ANT3



LTE B40 Phi=0deg



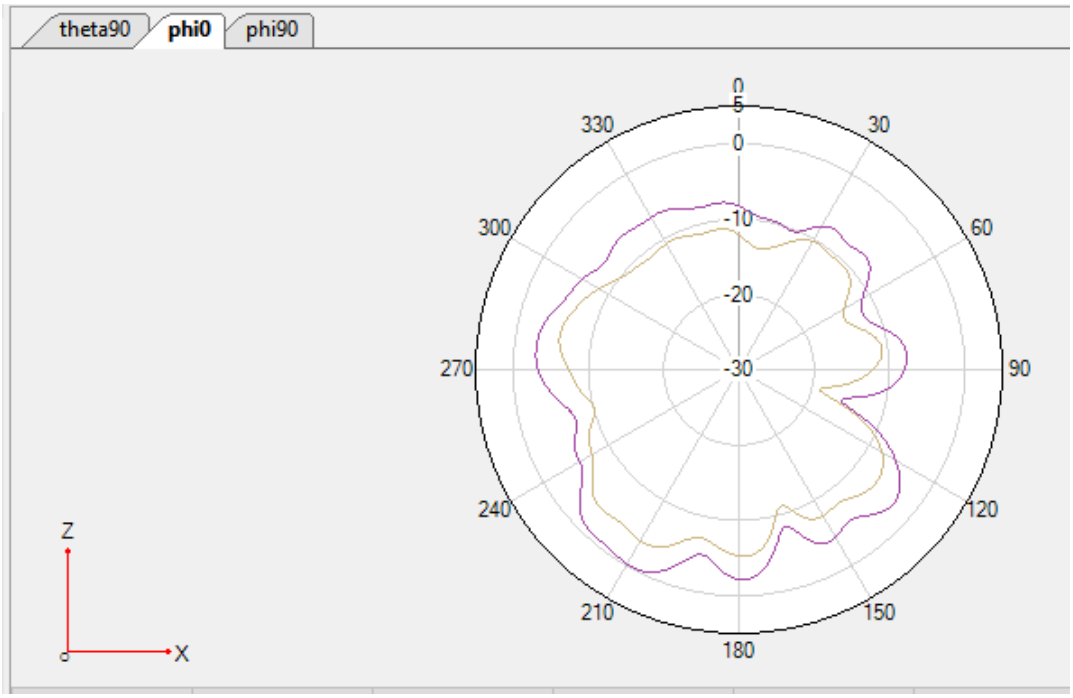
LTE B40 Phi=90deg



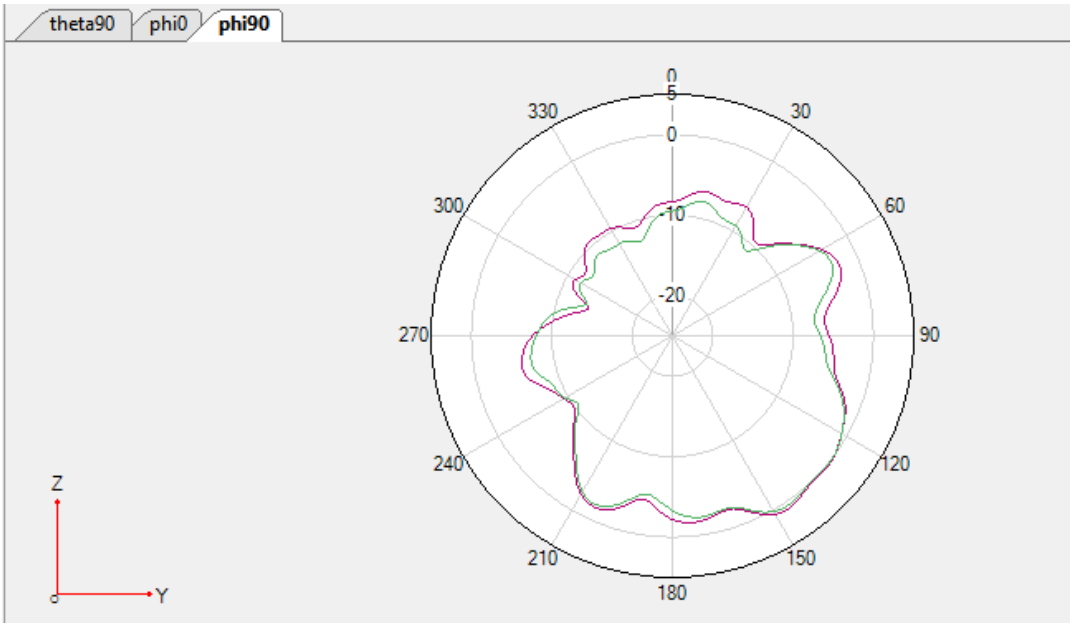
LTE B40 Theta=90deg

※ Antenna Gain

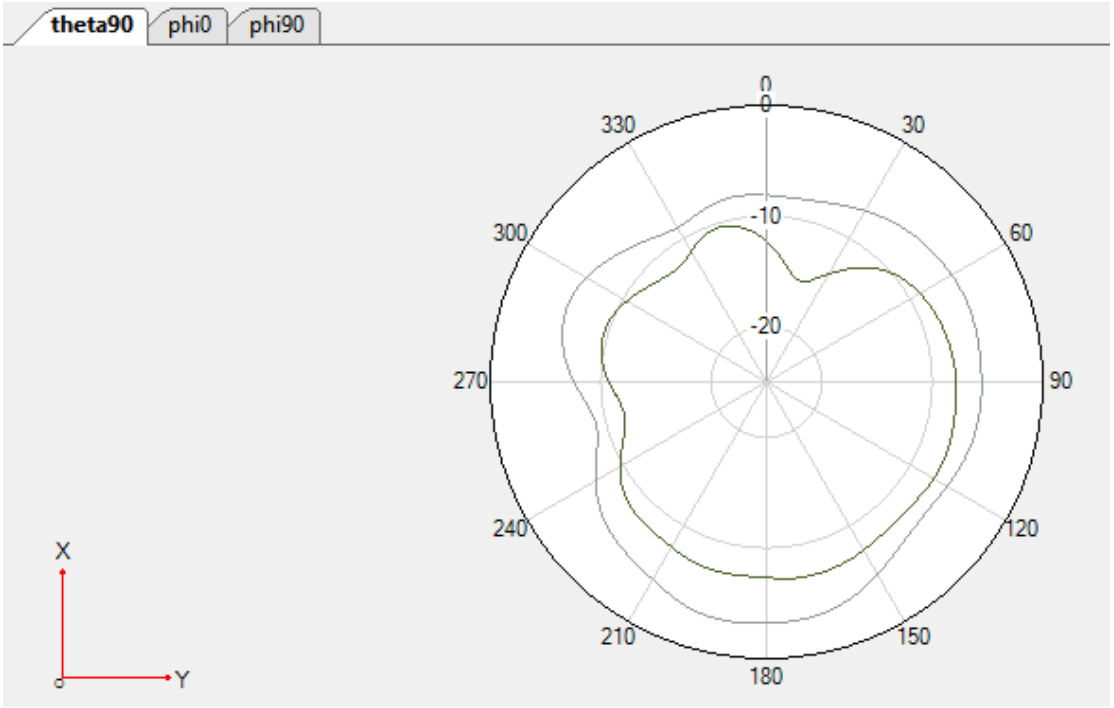
ANT3



LTE B7/B38/B41 Phi=0deg



LTE B7/B38/B41 Phi=90deg



LTE B7/B38/B41 Theta=90deg

TRANSSION
传音控股

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023/09/29