

Feature

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

Application

##填写对应配置完整的频段信息##

※GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8

LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28A/B28B/B38/B41(120M)/B66

别漏掉下表面的表格

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 ##供应商名称和地址，要求全英文##	KM7k-ANT0 KM7k-ANT1 KM7k-ANT2 KM7k-ANT3 KM7k-ANT4 KM7k-ANT12 KM7k-ANT13 KM7k-ANT14 ## 认证样机天线丝印，版本和日期统一填写为 XX ##

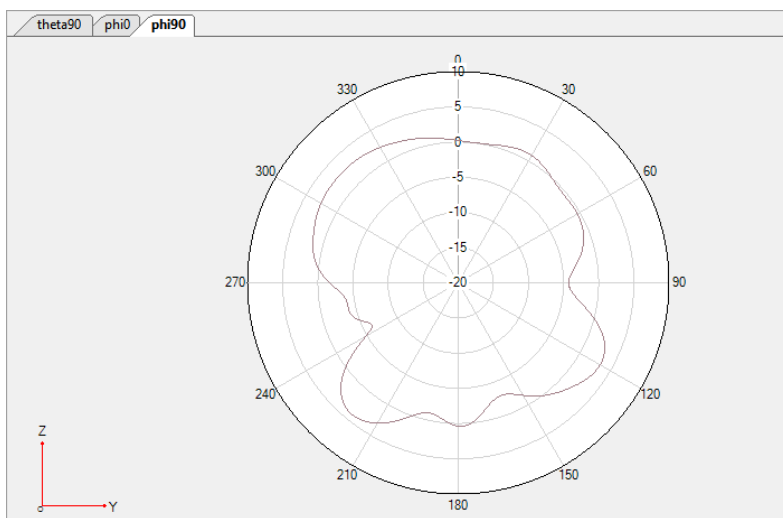
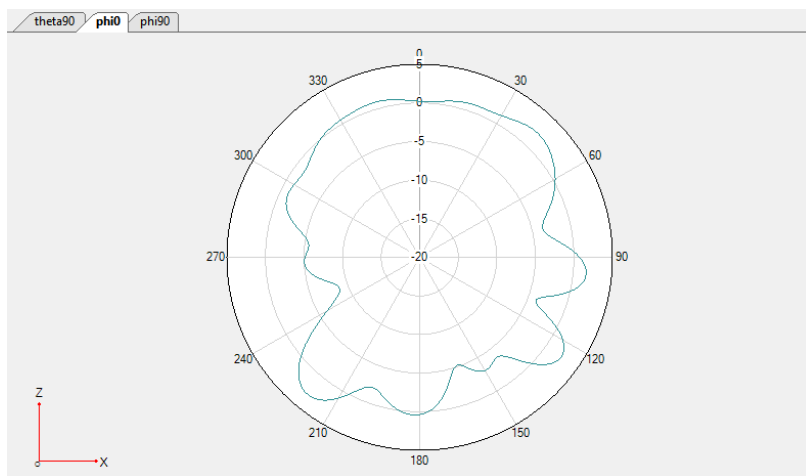
TYPE		
Transmitter Frequency		GSM 850/WCDMA B5/LTE B5: 824 – 849 MHz
		GSM 900/WCDMA B8/LTE B8 : 880 – 915 MHz
		DCS /WCDMA B4/LTE B3/B4/B66 : 1710 – 1785 MHz
		PCS/WCDMA B2/LTE B2:1850-1910MHz
		WCDMA B1/LTE B1 : 1920 – 1980MHz
		LTE B7:2496-2565MHz
		LTE B38/B41 :2565-2645MHz
		LTE B20 :832-862MHz
		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/B41/B66: 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 B12/B17/B28 :-5.41
	ANT1 (MHB-PRX)	DCS /WCDMA B4/LTE B3/B4/B66 :-1.25
		PCS/WCDMA B2/LTE B2: -2.43
		WCDMA B1/LTE B1 : -2.65

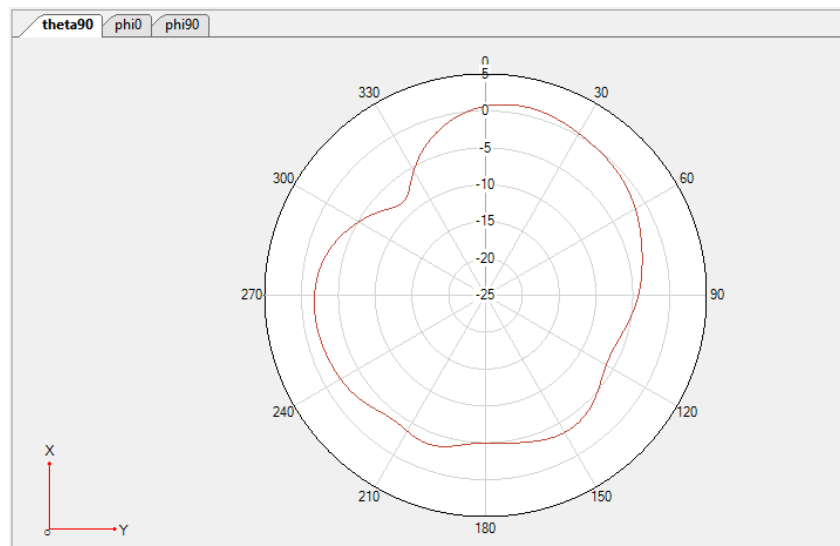
##增益报告内需要把所有TX天线的增益值都填写##		LTE B7/B38/B41 : -0.44
	ANT2 (LB-DRX)	GSM 850/WCDMA B5/LTE B5: -5.79
		GSM 900/WCDMA B8/LTE B8: -5.15
		LTE B20 :-4.72
		LTE B12/B17/B28A :-5.98
		LTE B28B :-6.15
	ANT3 (MHB-DRX)	DCS/LTE B3 : -3.99
		PCS/WCDMA B2/LTE B2: -1.78
		WCDMA B1/LTE B1 : -1.93
		WCDMA B4 /B4/B66:-7.93
		LTE B7/B38/B41 :-0.95
	ANT12	GPS(L1):-1.39
	ANT13	WIFI 2.4G:-1.59
	ANT14	BT/WIFI 2.4G:-1.43 5G: -1.39

※ Antenna Gain

##填写增益图时，需要与上表所填增益值对应，对应频段所填的值不能超过增益图的增益范围，例如，下图增益范围为-15 到 0dBi 左右，增益值填写不能超过这个范围##

ANT12 ##天线序号与天线增益图频段对应##

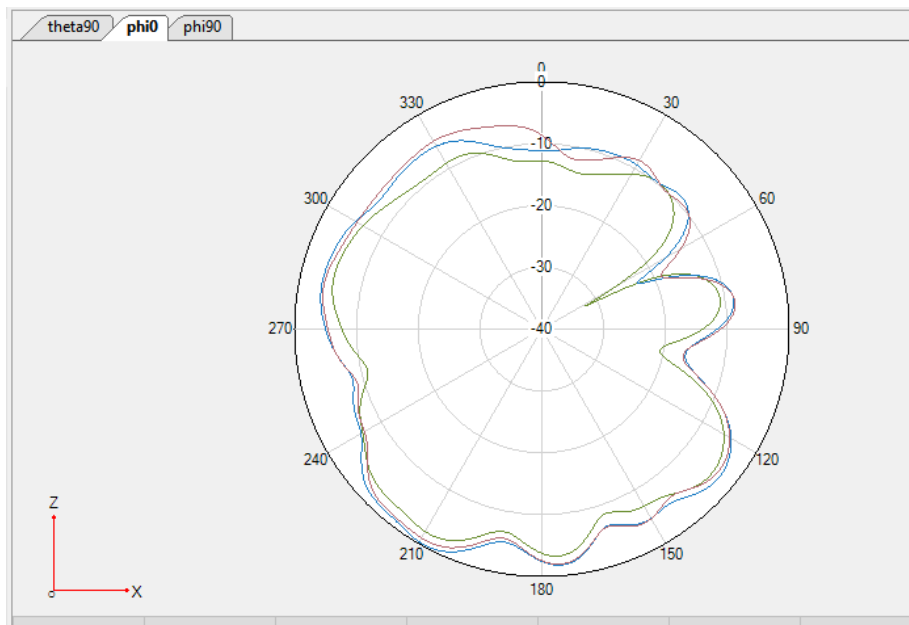




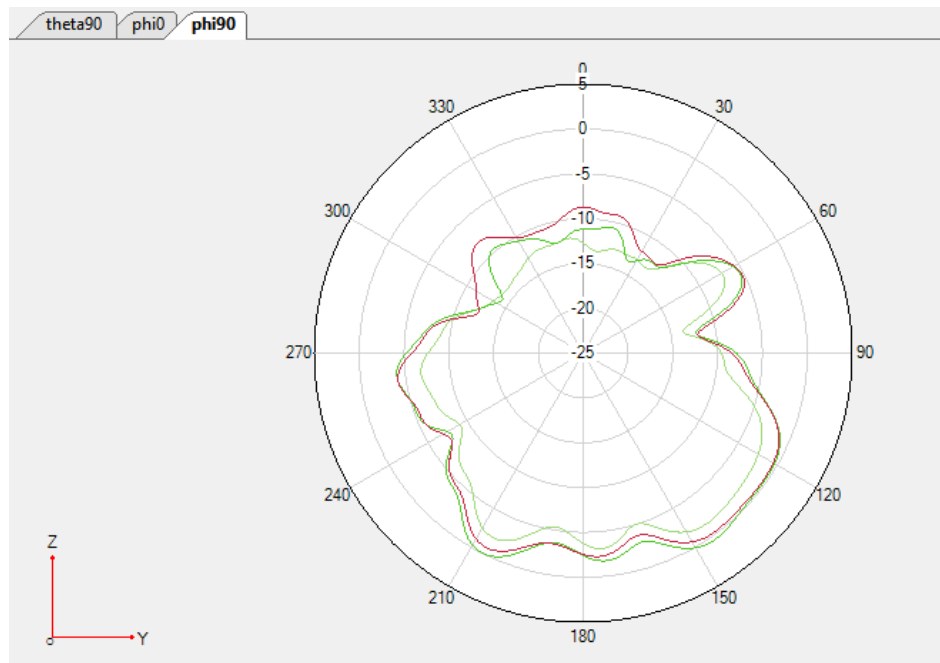
GPS $\theta = 90^\circ$

※ Antenna Gain

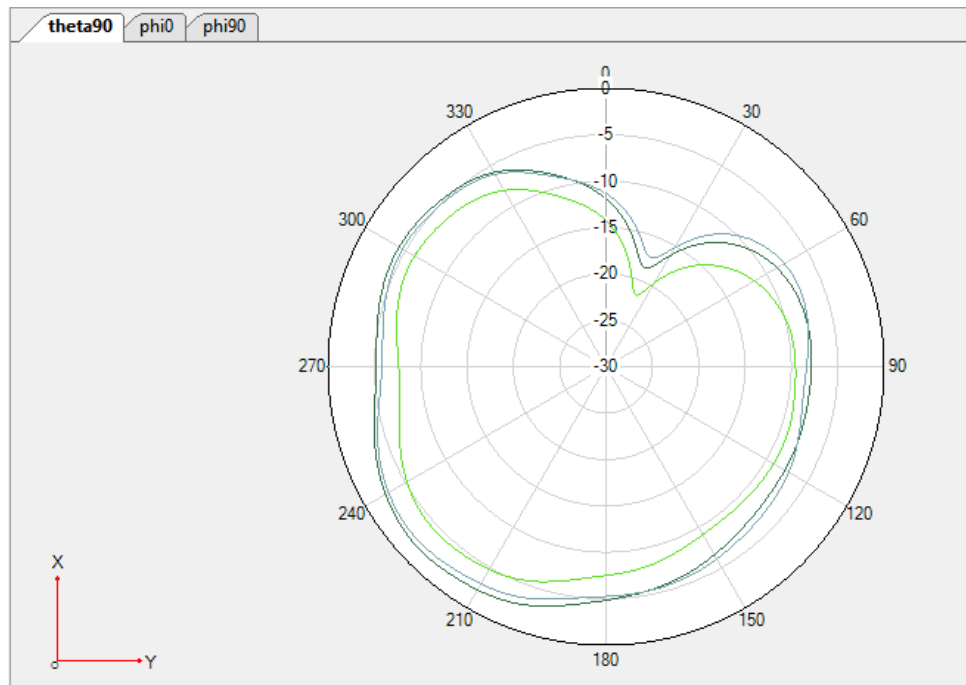
ANT13



2.4G WIFI $\phi = 0^\circ$



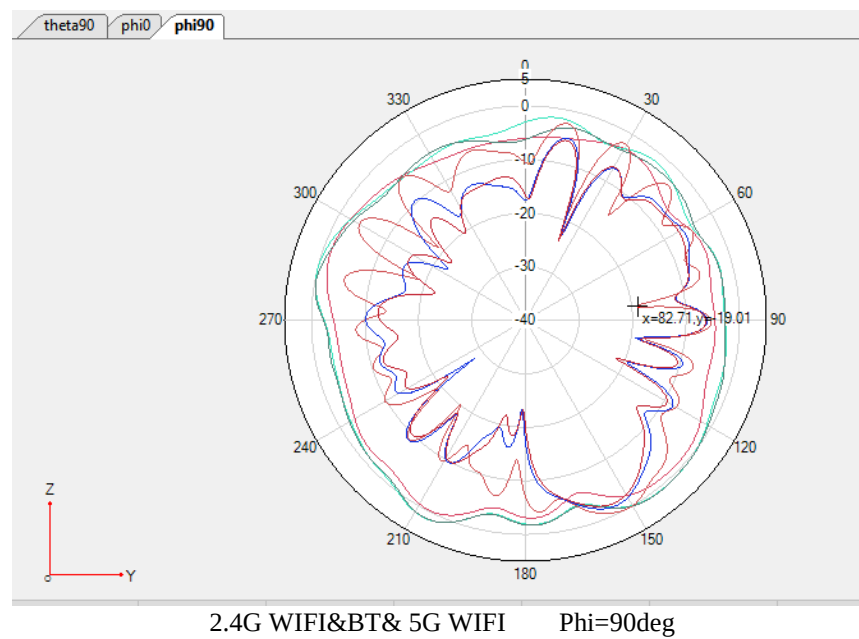
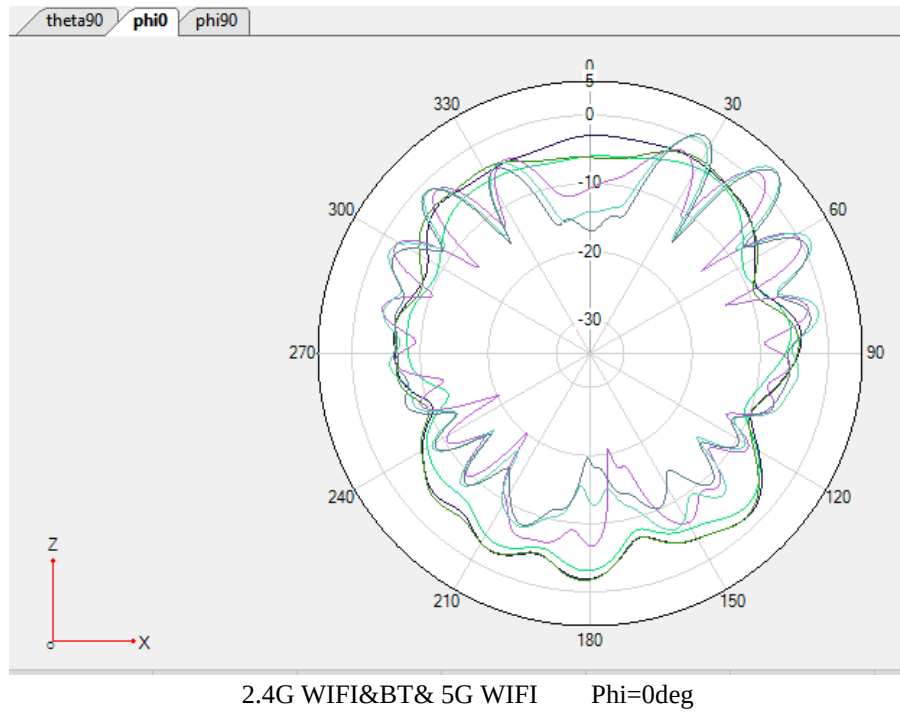
2.4G WIFI $\Phi=90^\circ$

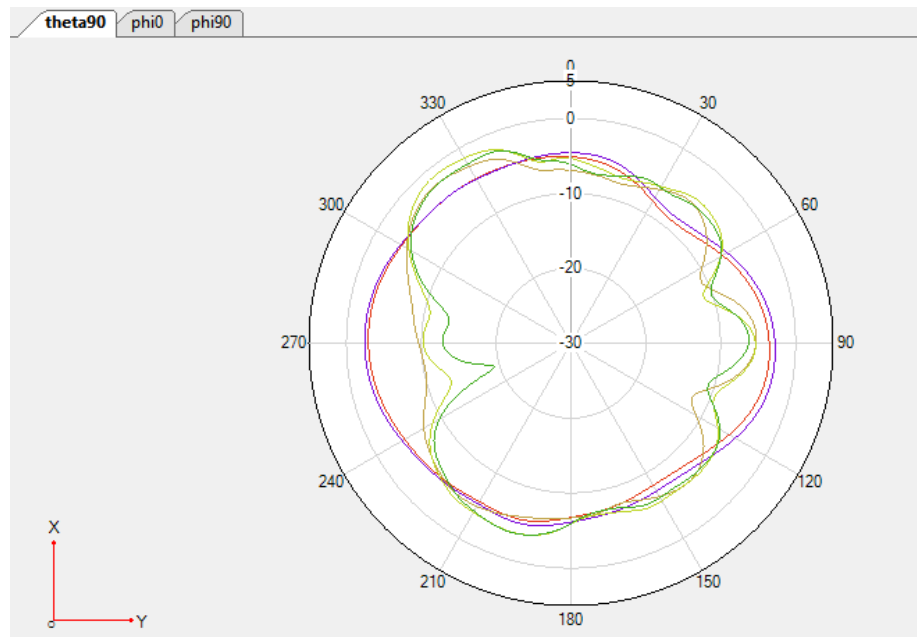


2.4G WIFI $\Theta=90^\circ$

※ Antenna Gain

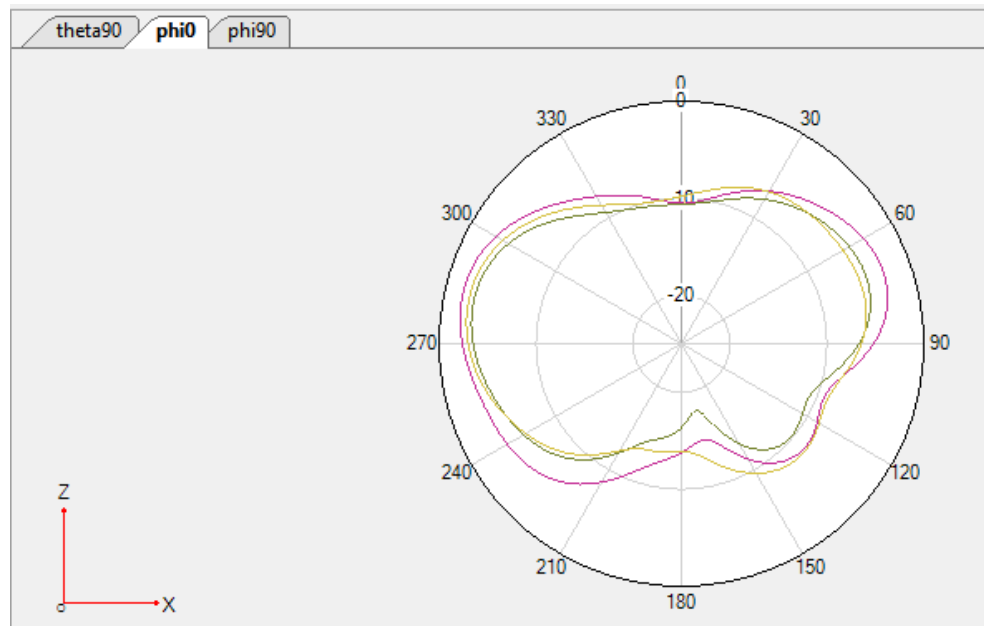
ANT14



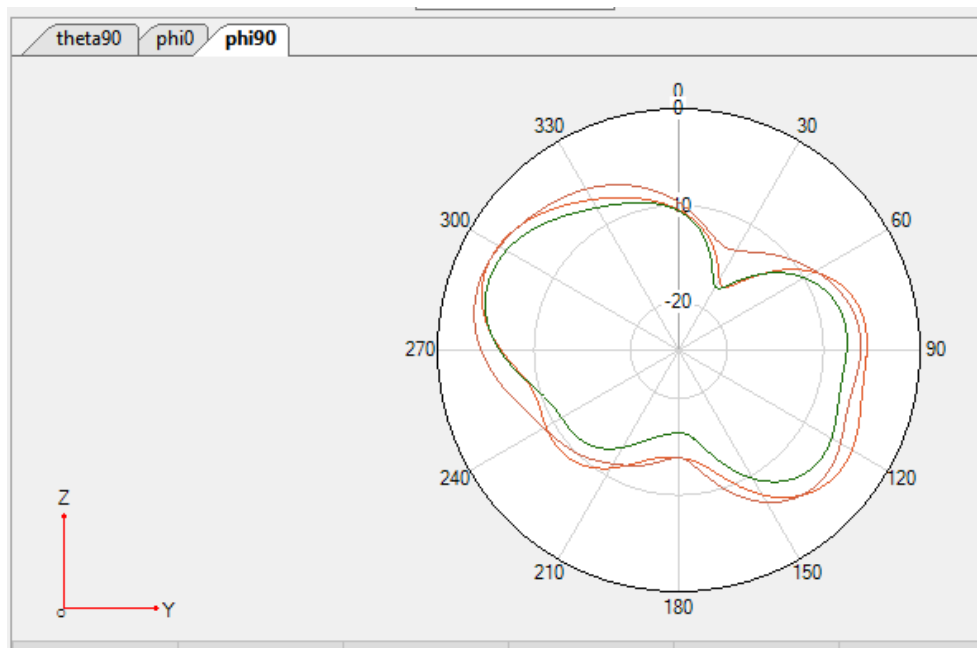


2.4G WIFI&BT& 5G WIFI Theta=90deg

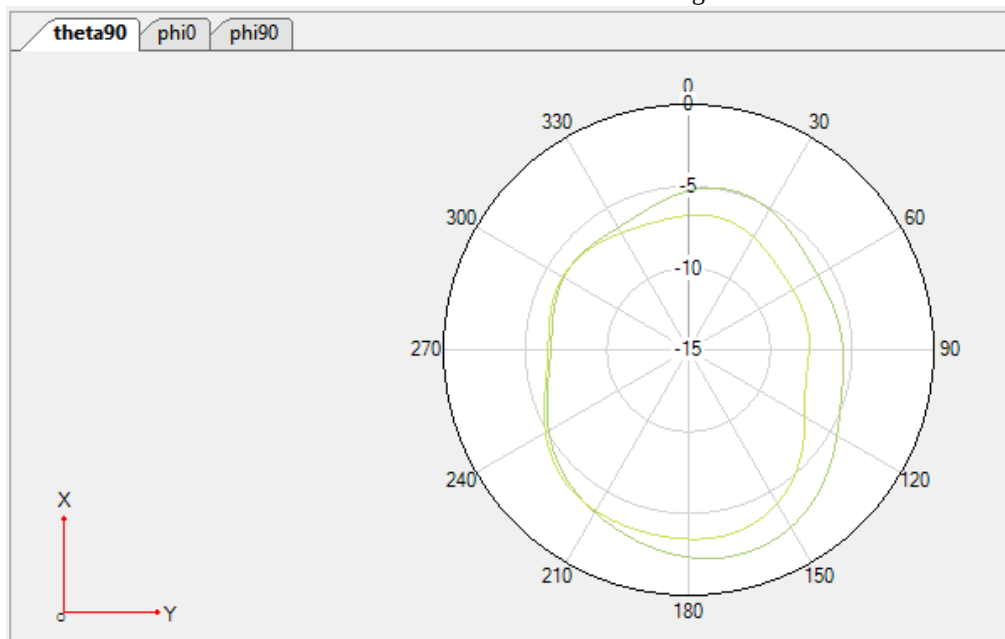
※ Antenna Gain
ANT0



LTE B12/B17/ B28 Phi=0deg



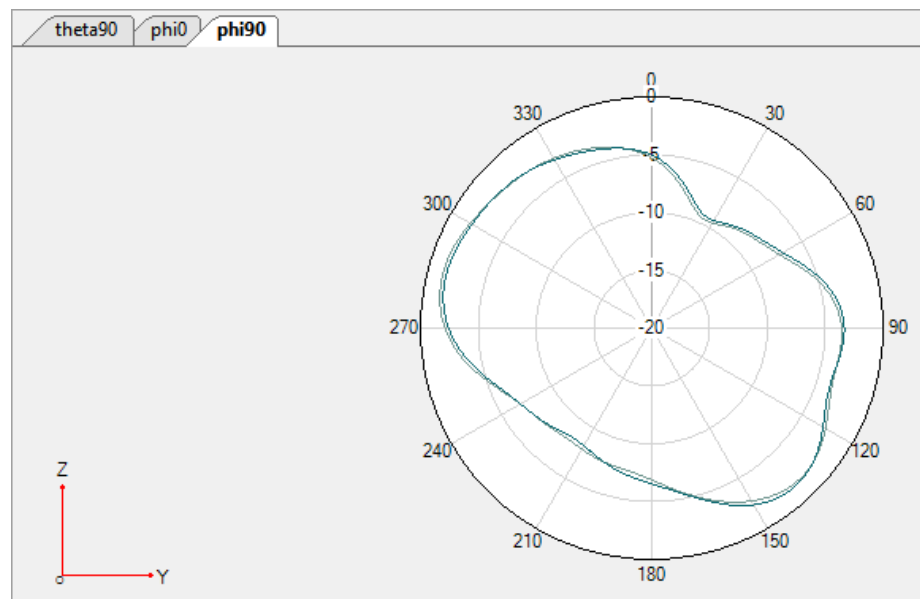
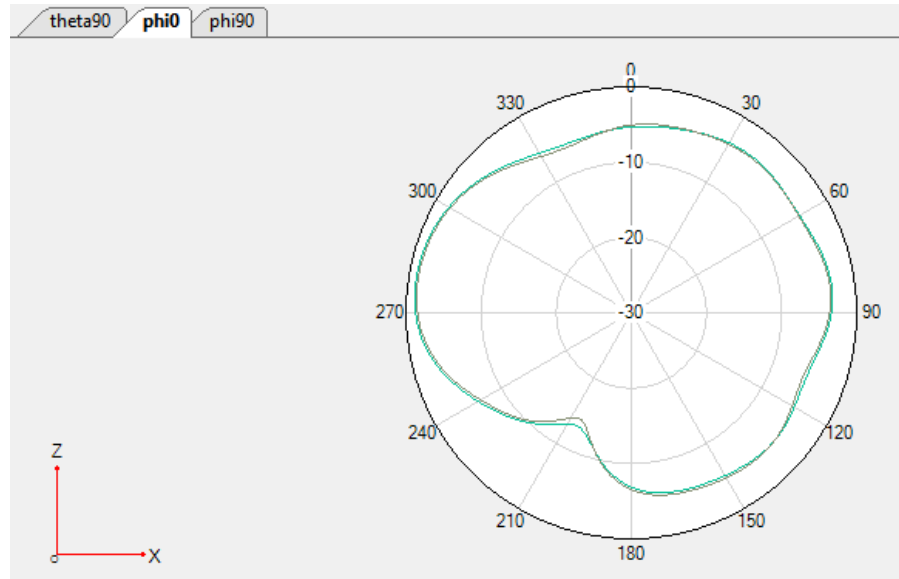
LTE B12/B17/ B28 Phi=90deg

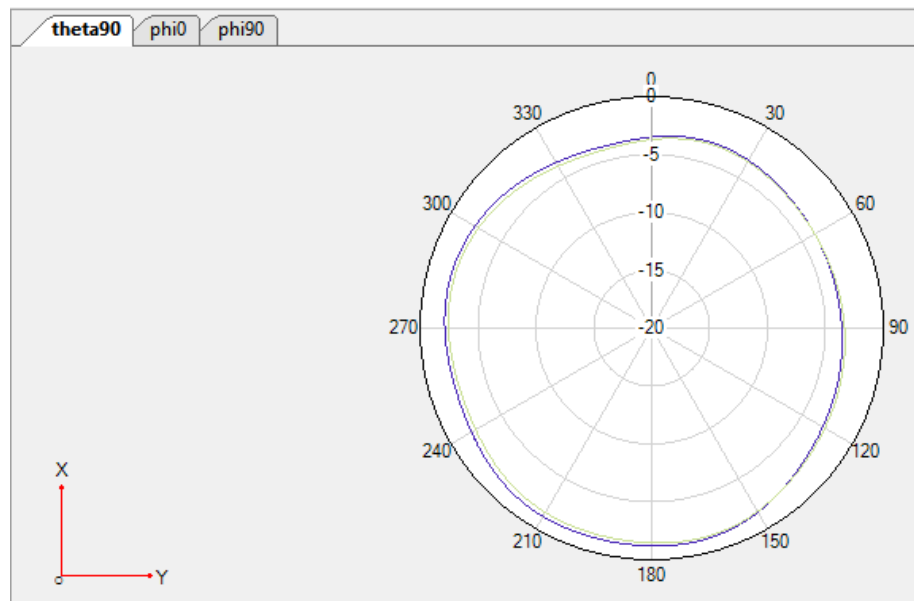


LTE B12/B17/ B28 Theta=90deg

※ Antenna Gain

ANT0

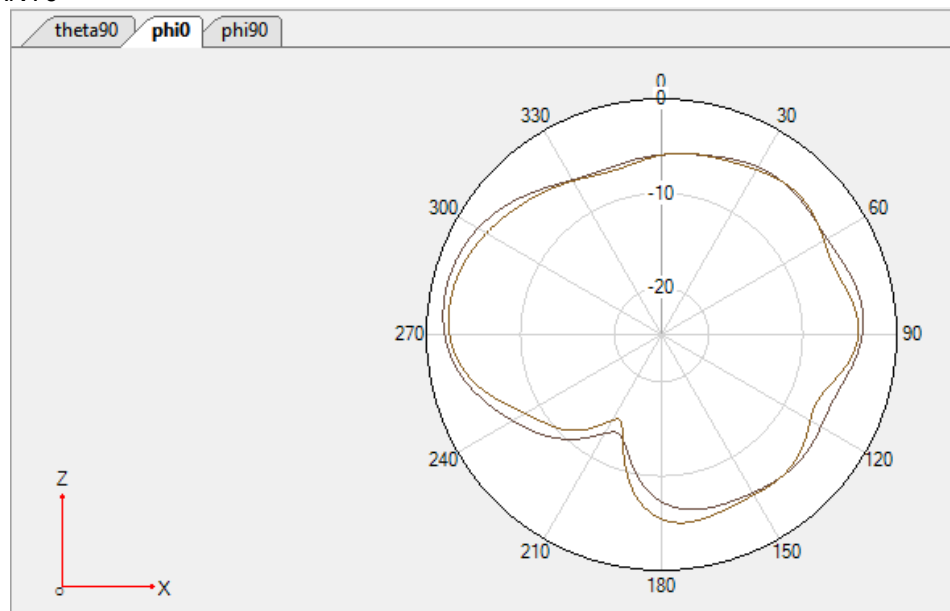




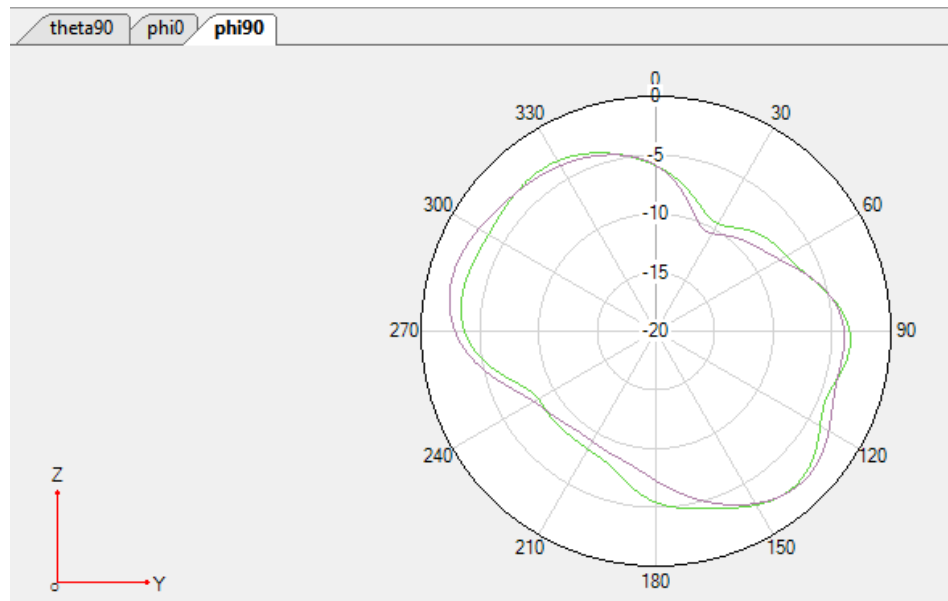
LTE B20 Theta=90deg

※ Antenna Gain

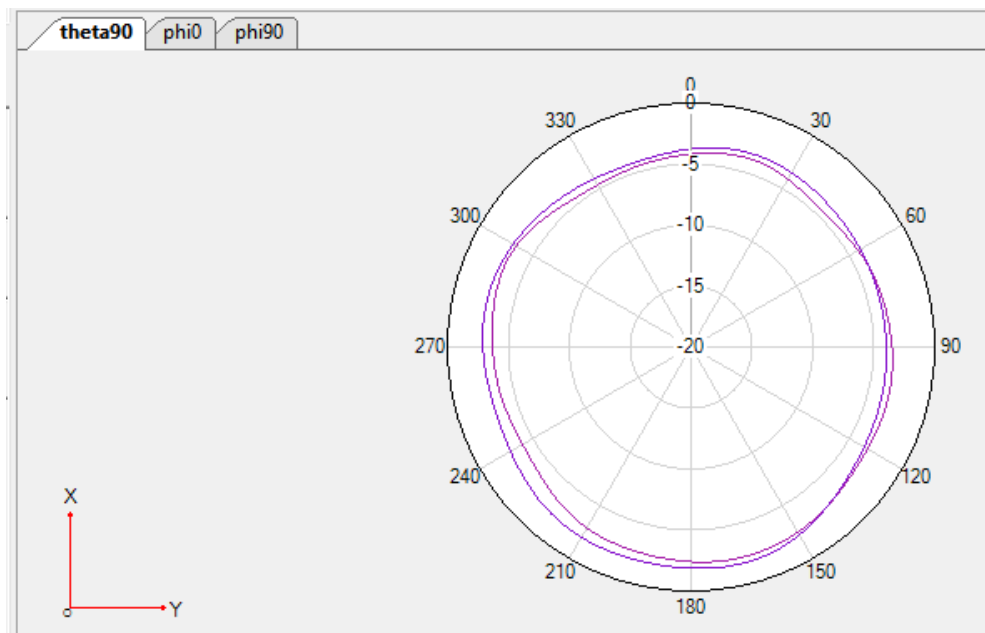
ANT0



GSM850/WCDMA B5/LTE B5 Phi=0deg



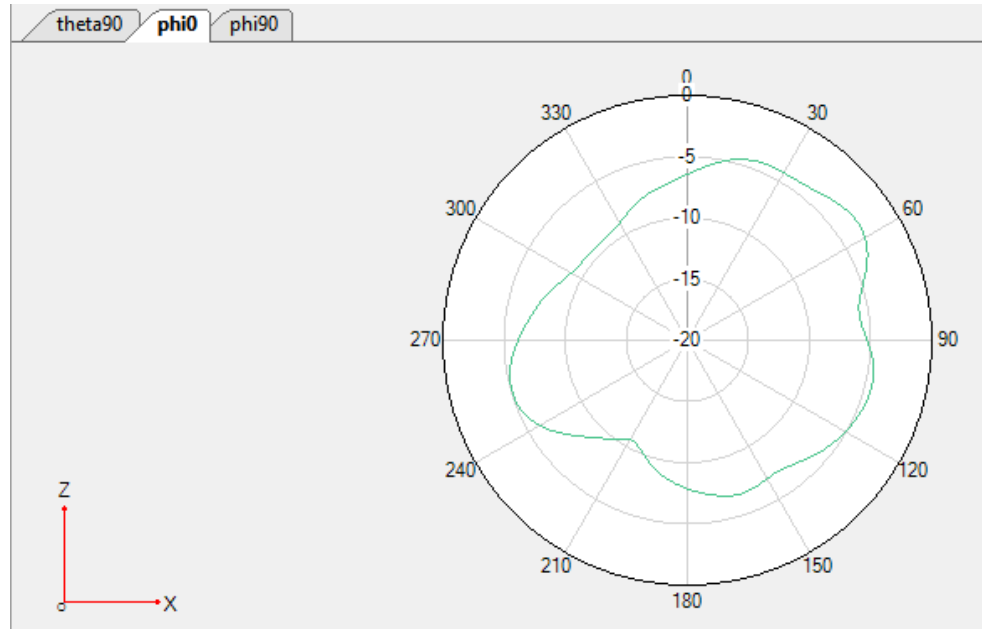
GSM850/WCDMA B5/LTE B5 $\Phi=90^\circ$



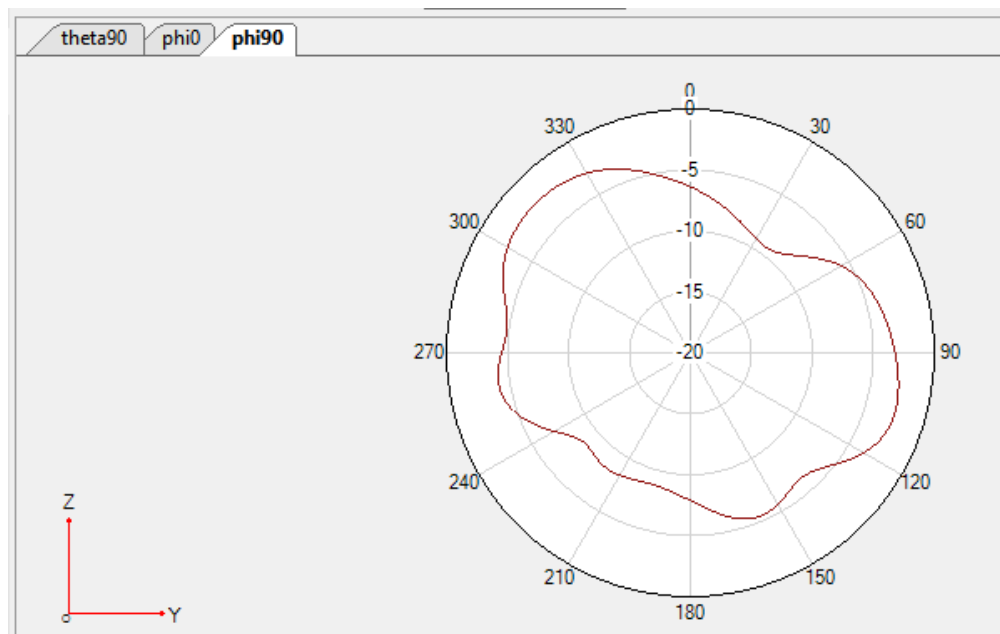
GSM850/WCDMA B5/LTE B5 $\Theta=90^\circ$

※ Antenna Gain

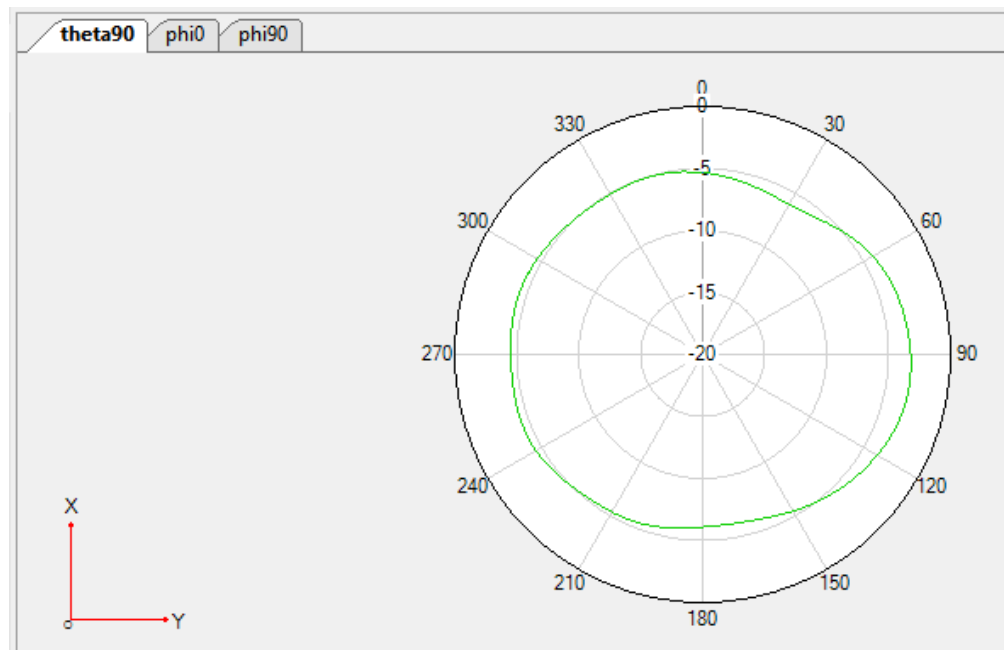
ANT0



GSM900/WCDMA B8/LTE B8 Phi=0deg



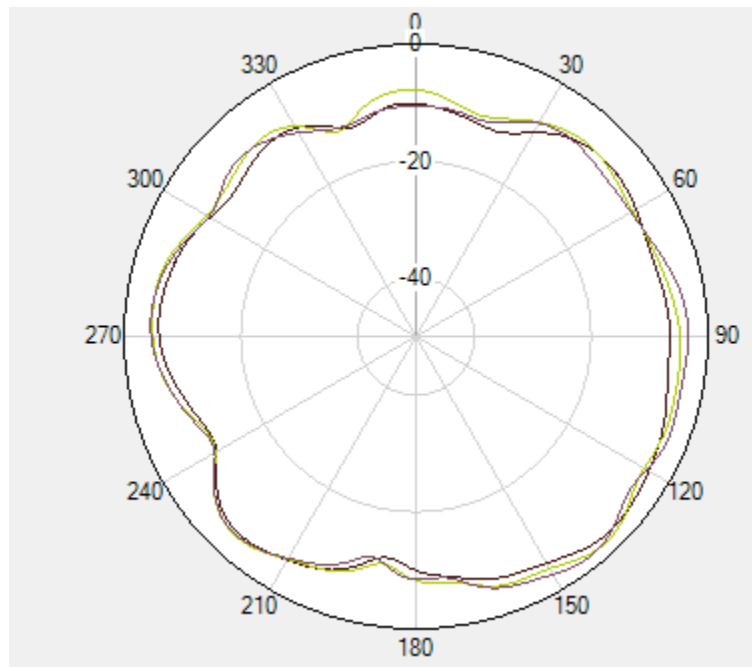
GSM900/WCDMA B8/LTE B8 Phi=90deg



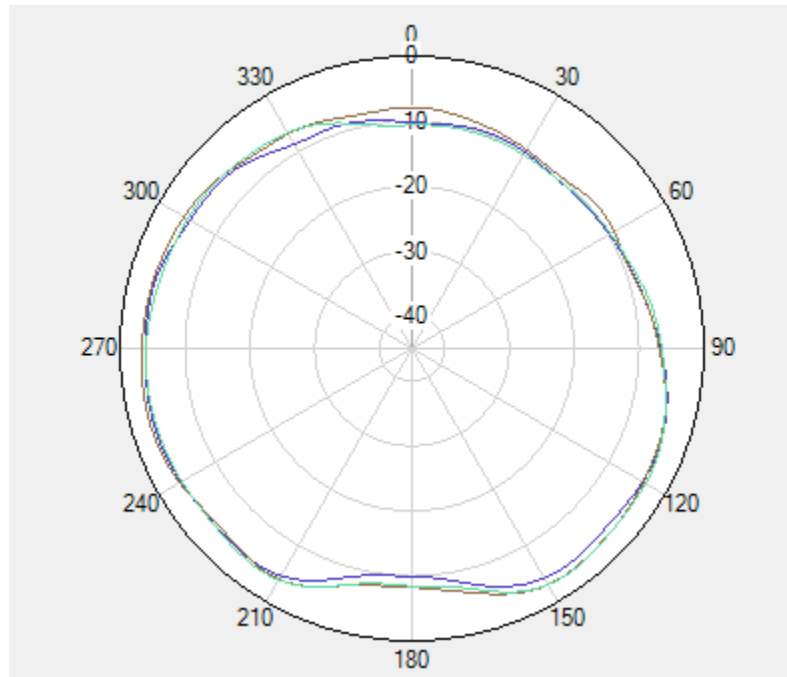
GSM900/WCDMA B8/LTE B8 Theta=90deg

※ Antenna Gain

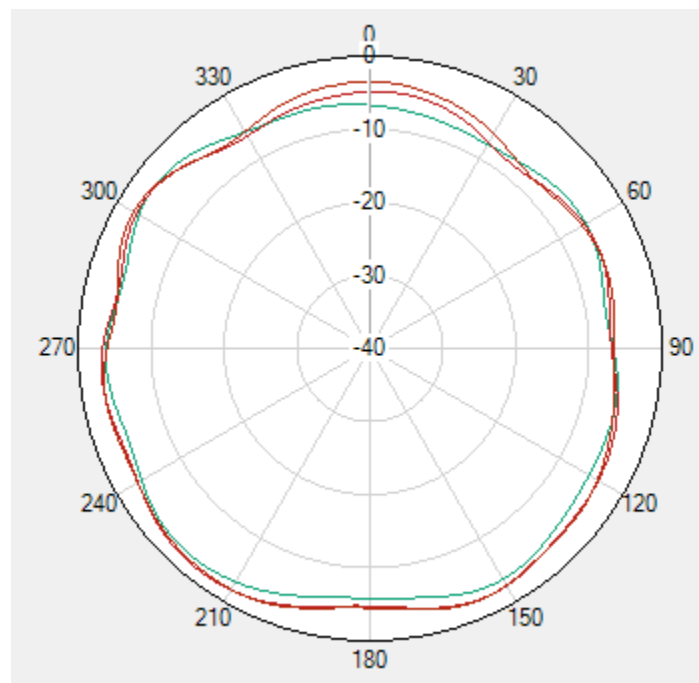
ANT1



LTE B7/B38/B41 Phi=0deg



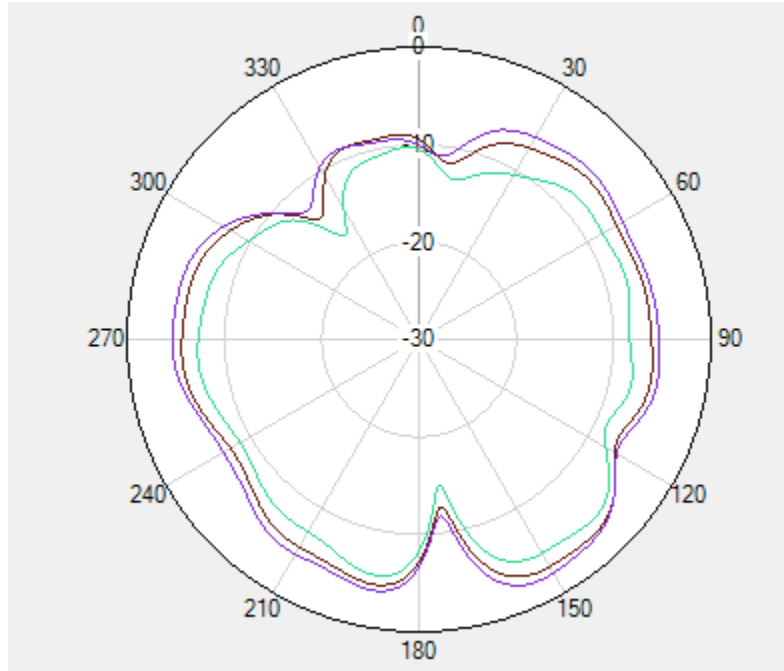
LTE B7/B38/B41 $\Phi=90^\circ$



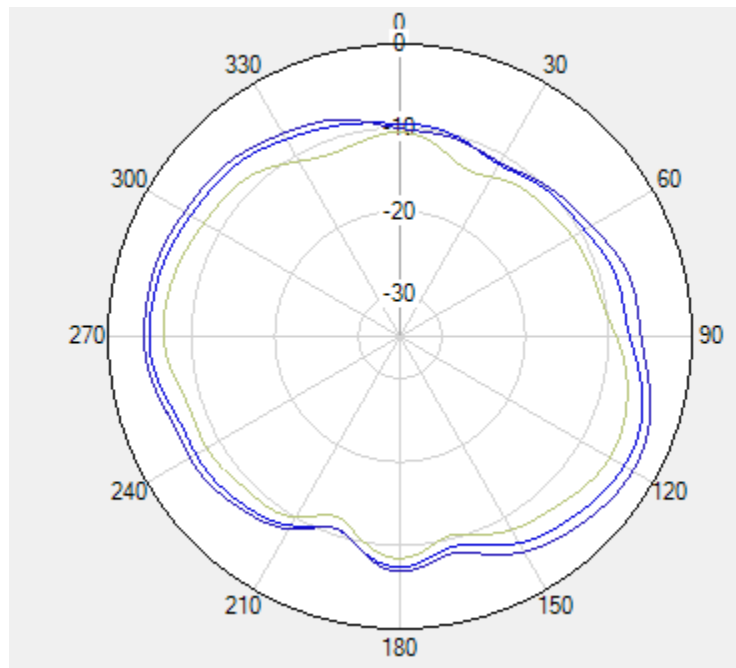
LTE B7/B38/B41 $\Theta=90^\circ$

※ Antenna Gain

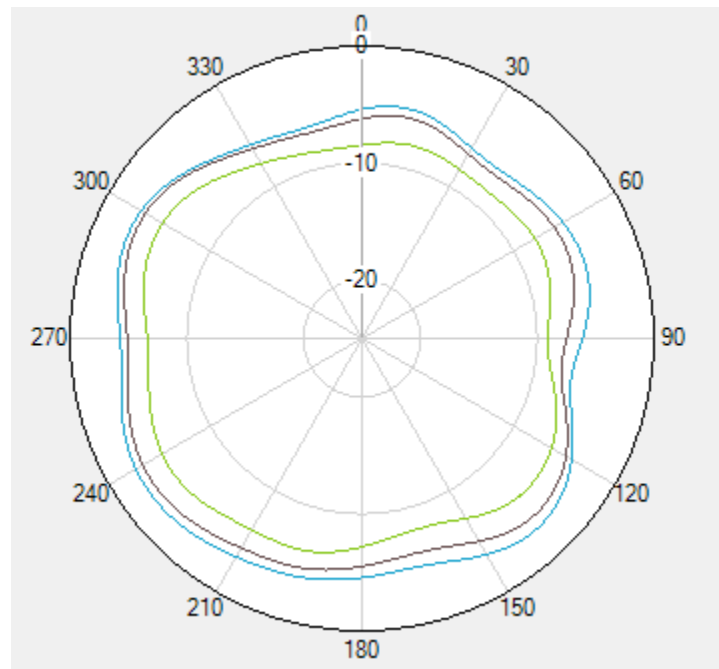
ANT1



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



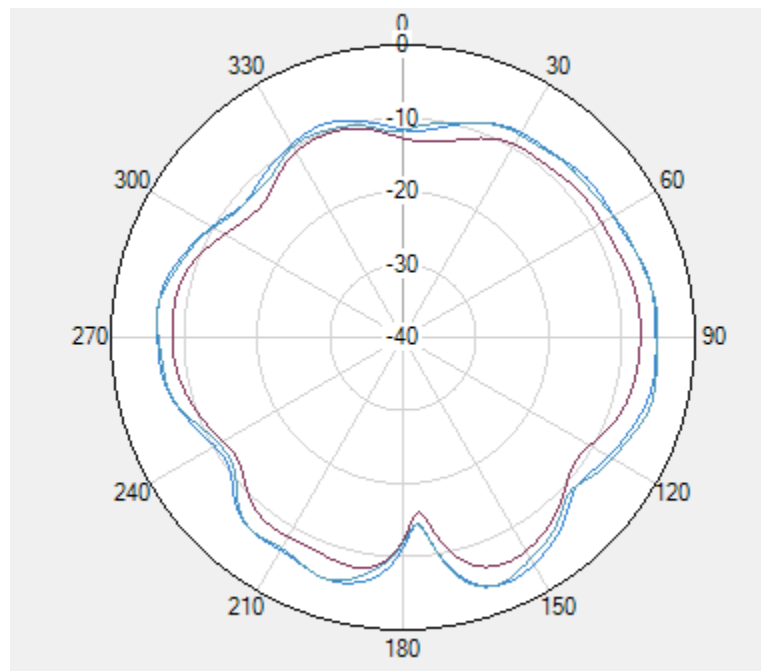
DCS/PCS/WCDMA B2/LTE B2/B3 Phi=90deg



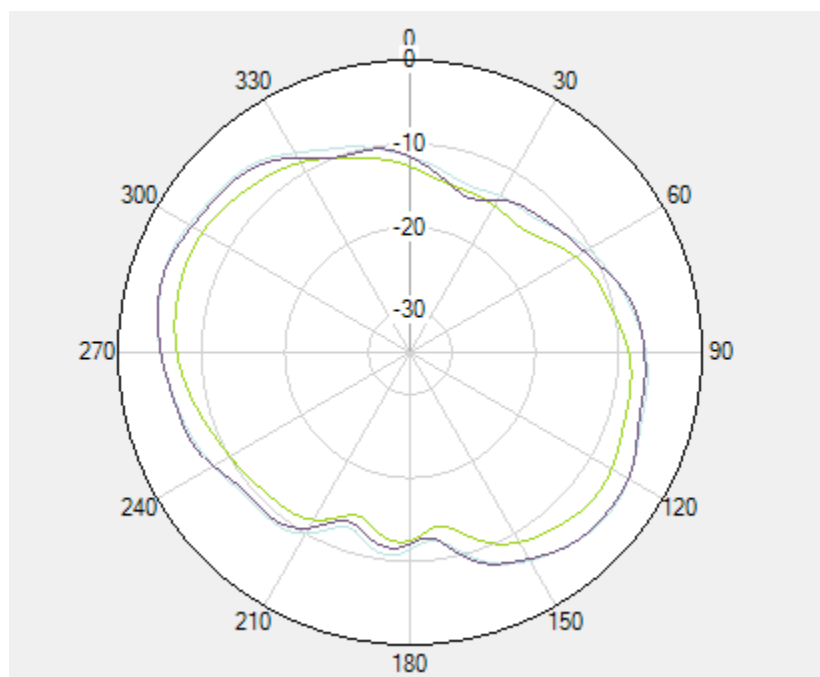
DCS/PCS/WCDMA B2/LTE B2/B3 Theta=90deg

※ Antenna Gain

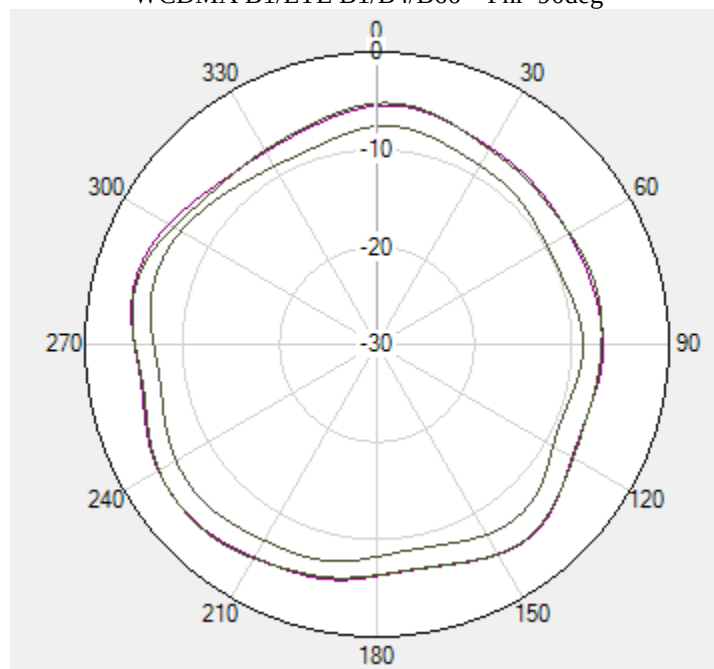
ANT1



WCDMA B1/LTE B1/B4/B66 Phi=0deg

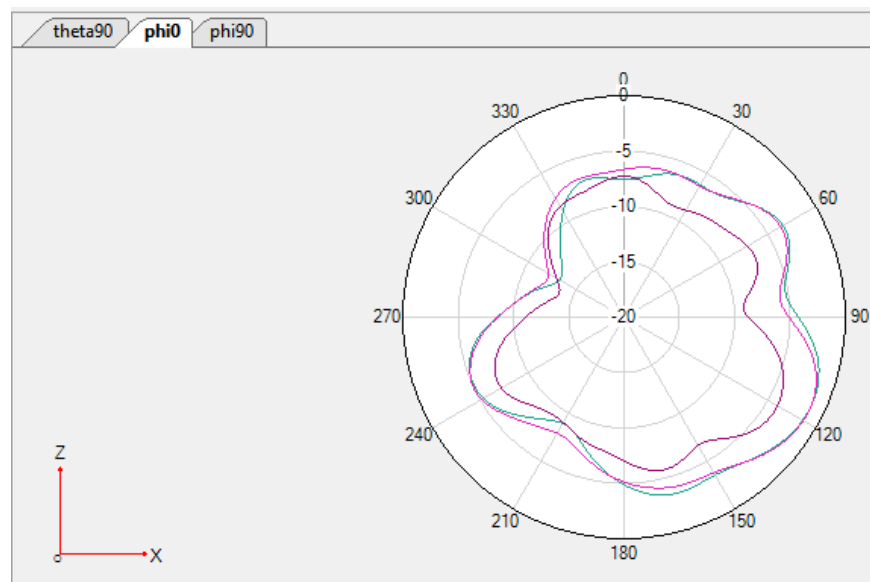


WCDMA B1/LTE B1/B4/B66 Phi=90deg

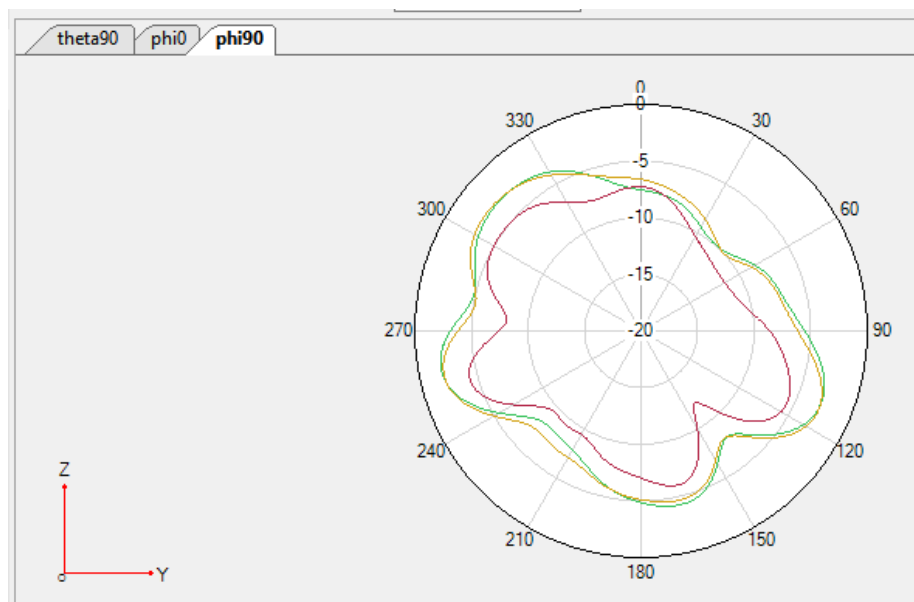


WCDMA B1/LTE B1/B4/B66 Theta=90deg

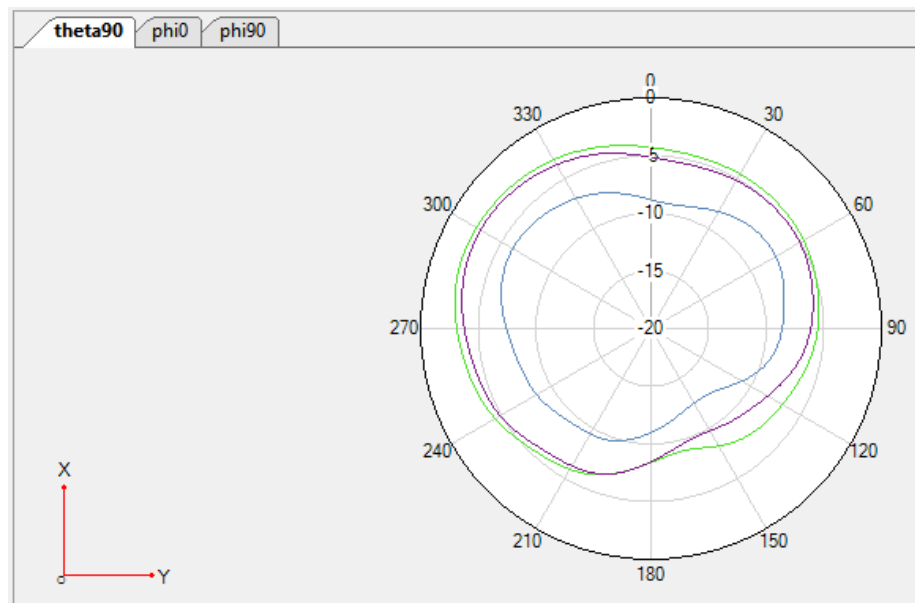
※ Antenna Gain
ANT2



GSM900/WCDMA8/LTE B8 Phi=0deg



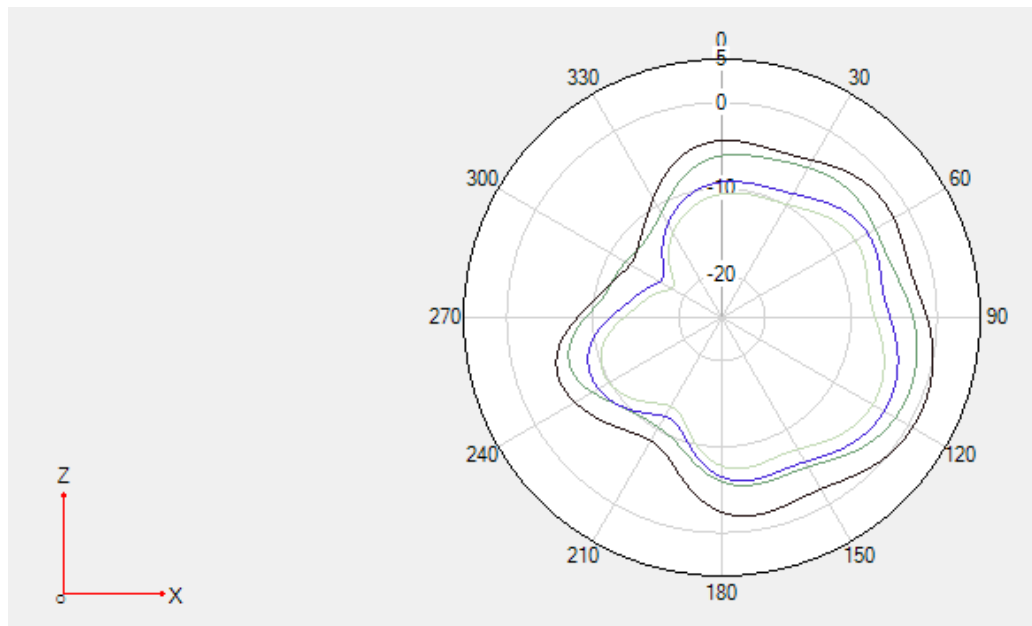
GSM900/WCDMA8/LTE B8 Phi=90deg



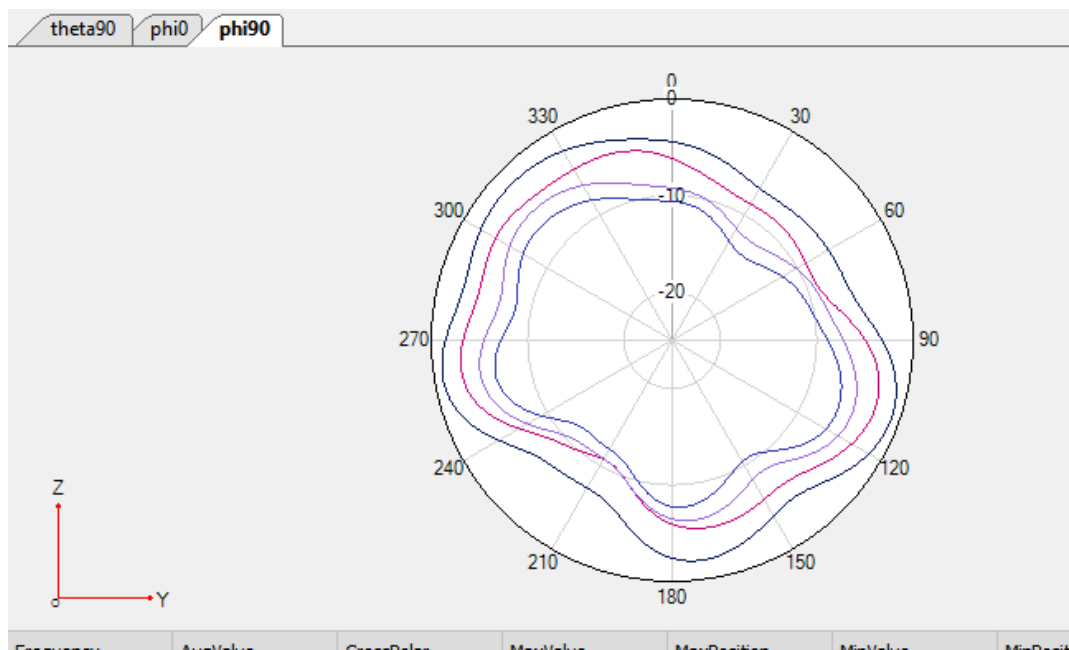
GSM900/WCDMA8/LTE B8 Theta=90deg

※ Antenna Gain

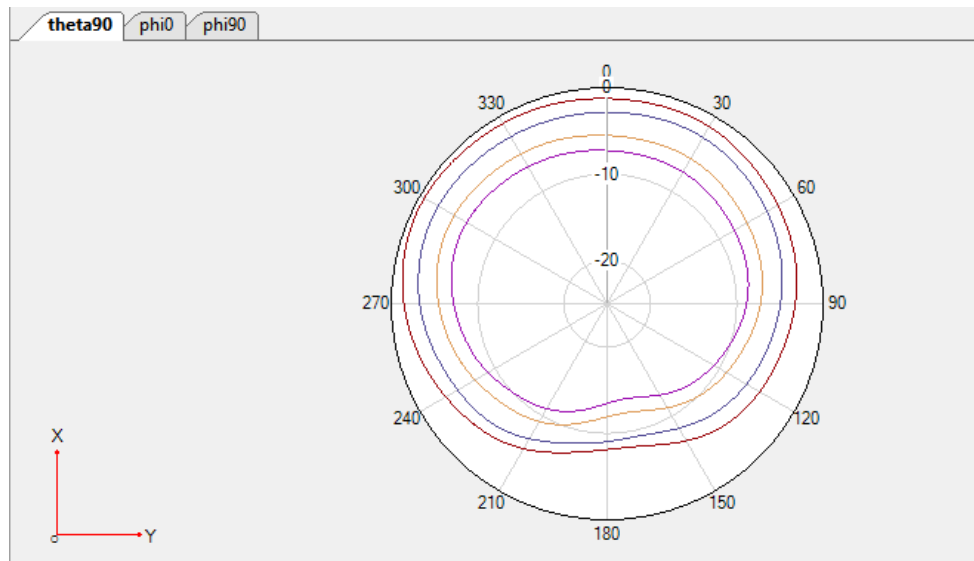
ANT2



GSM850/WCDMA B5/LTE B5 $\Phi=0^\circ$



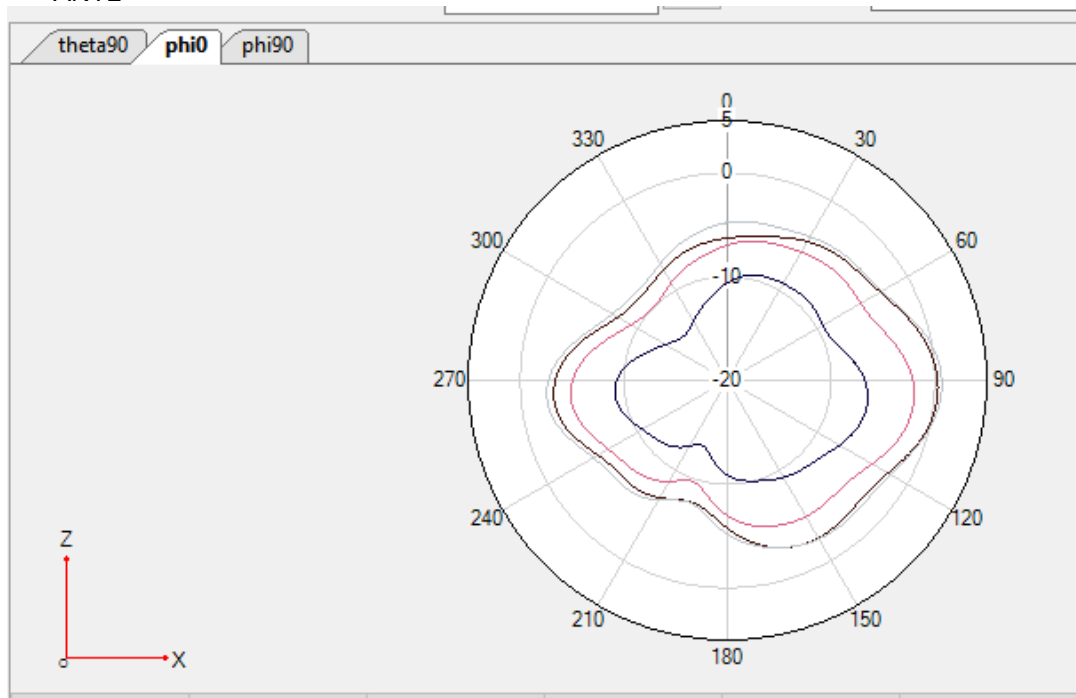
GSM850/WCDMA B5/LTE B5 $\Phi=90^\circ$



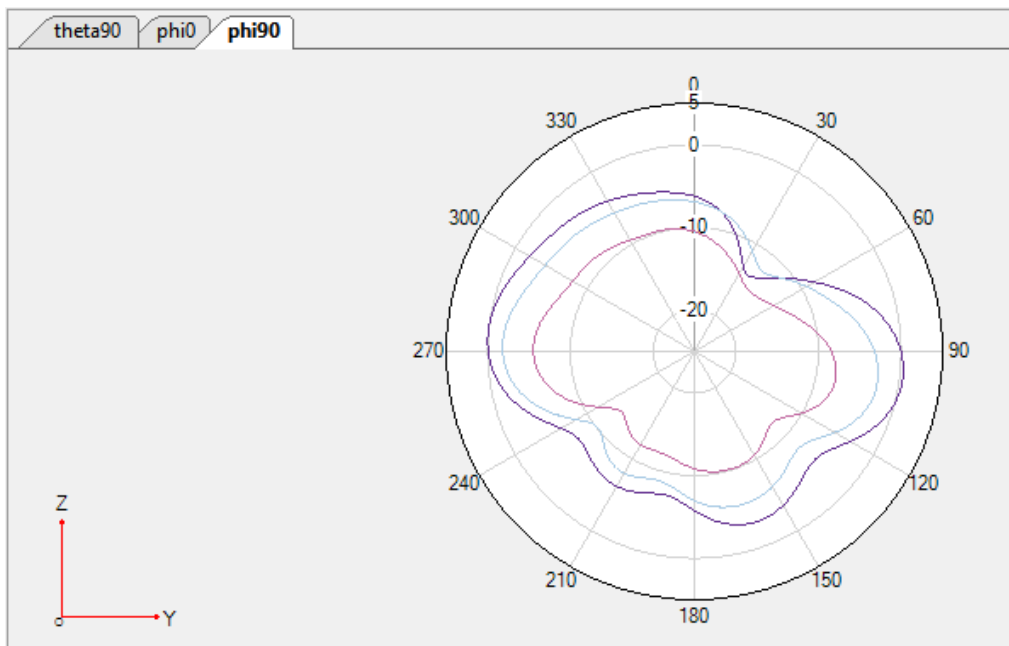
GSM850/WCDMA B5/LTE B5 Theta=90deg

※ Antenna Gain

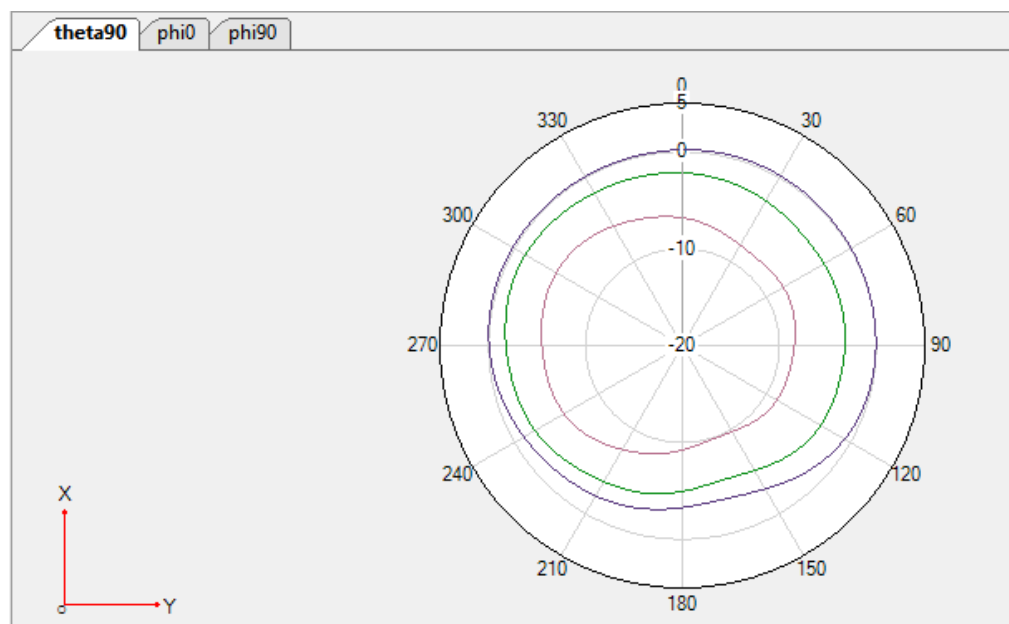
ANT2



LTE B12/B17/ B28A Phi=0deg



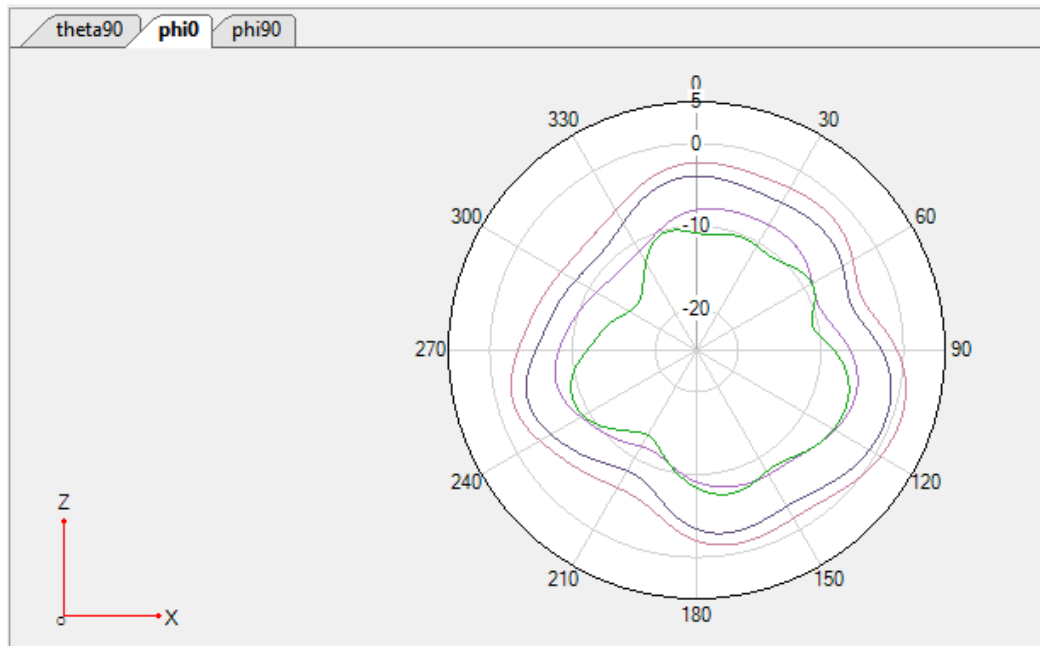
LTE B12/B17/ B28A Phi=90deg



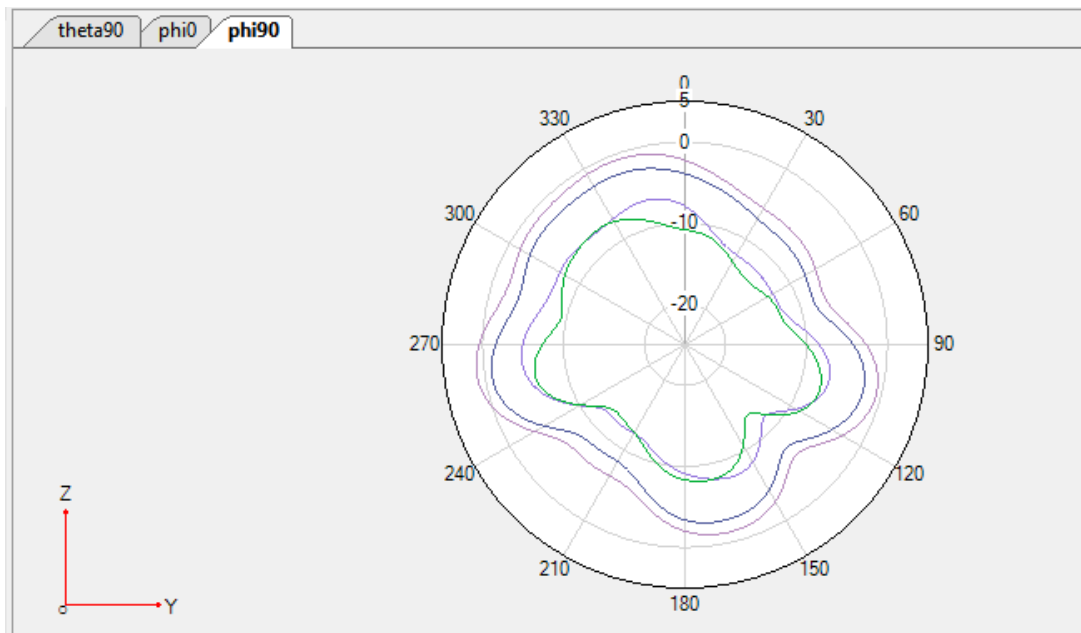
LTE B12/B17/ B28A Theta=90deg

※ Antenna Gain

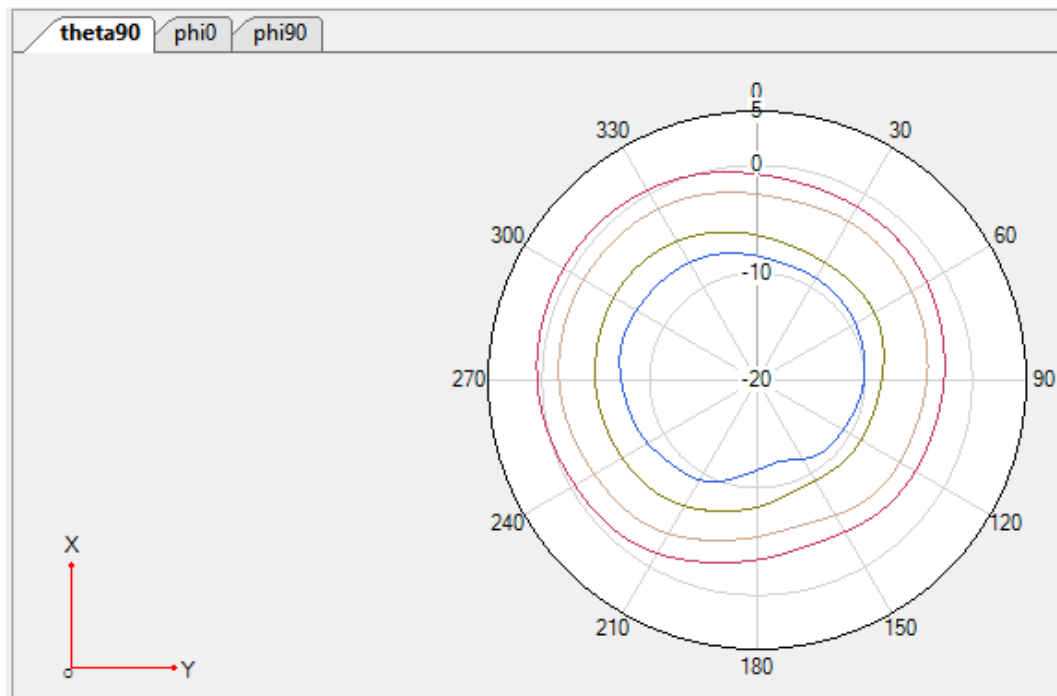
ANT2



LTE B20 $\Phi = 0^\circ$



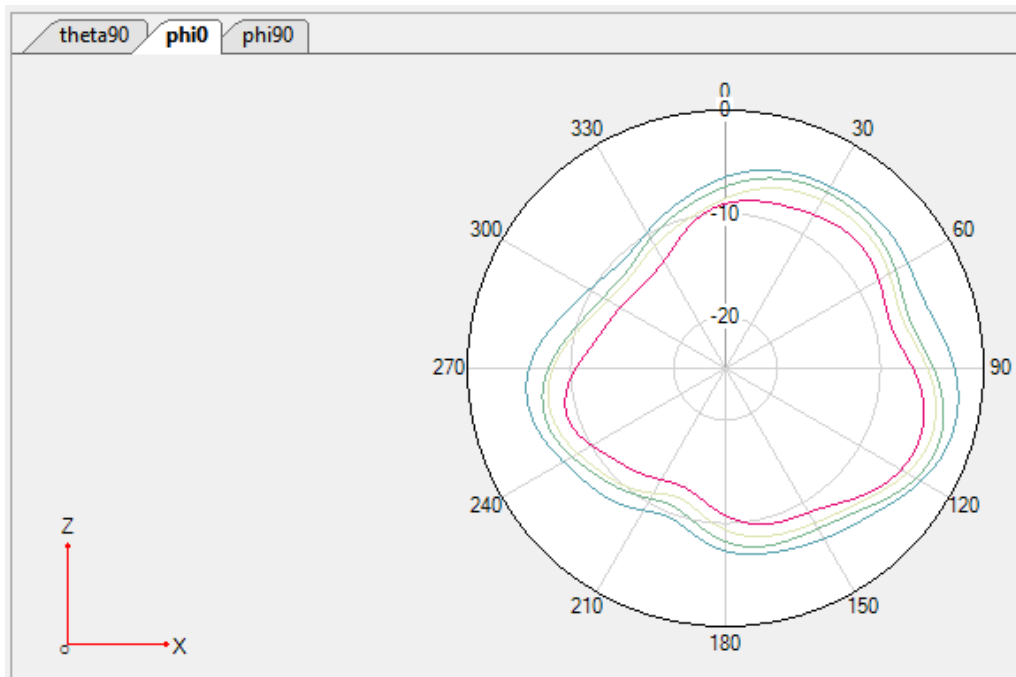
LTE B20 $\Phi = 90^\circ$



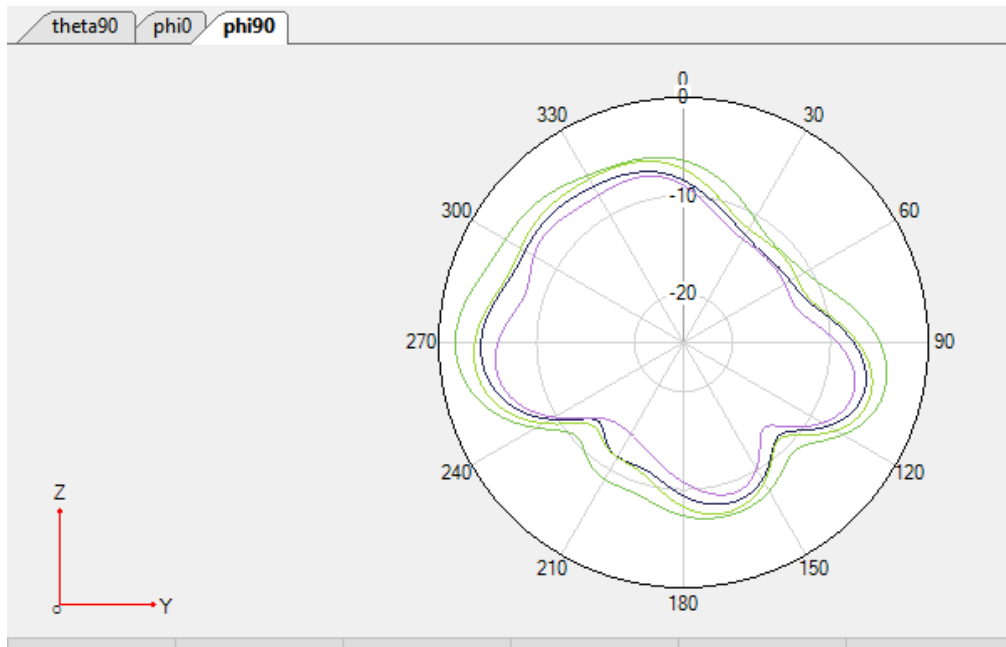
LTE B20 Theta=90deg

※ Antenna Gain

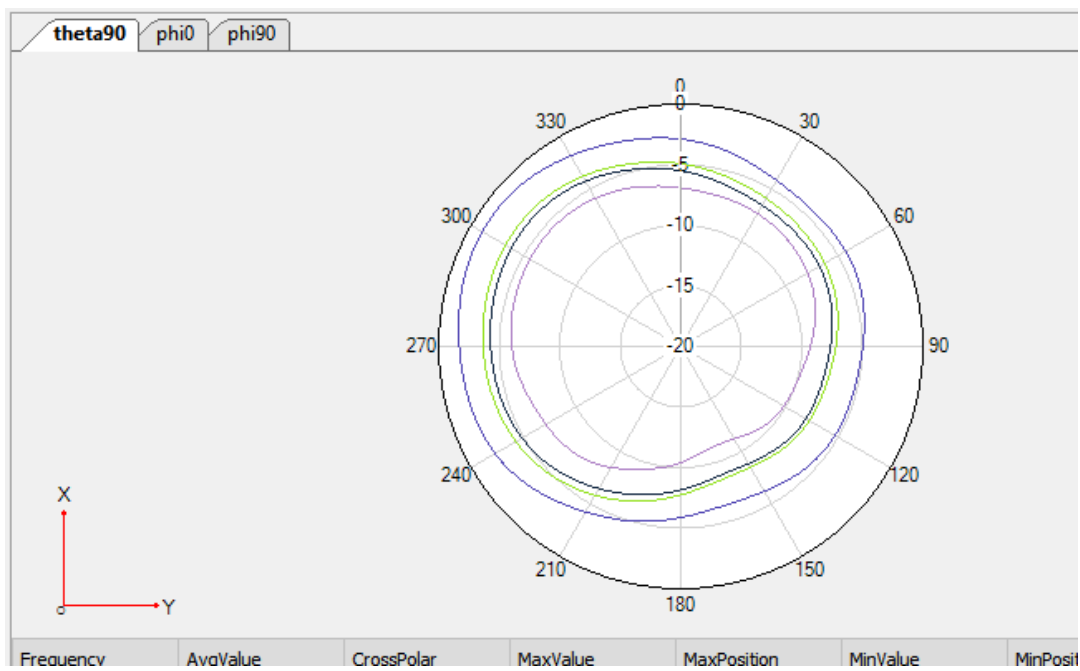
ANT2



LTE B28B Phi=0deg



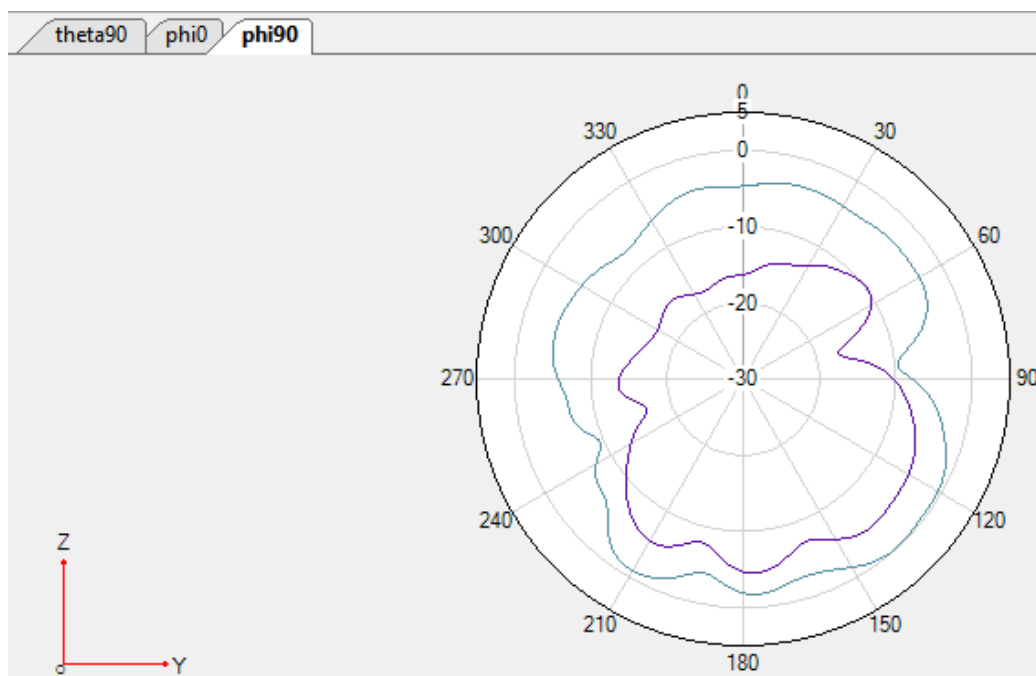
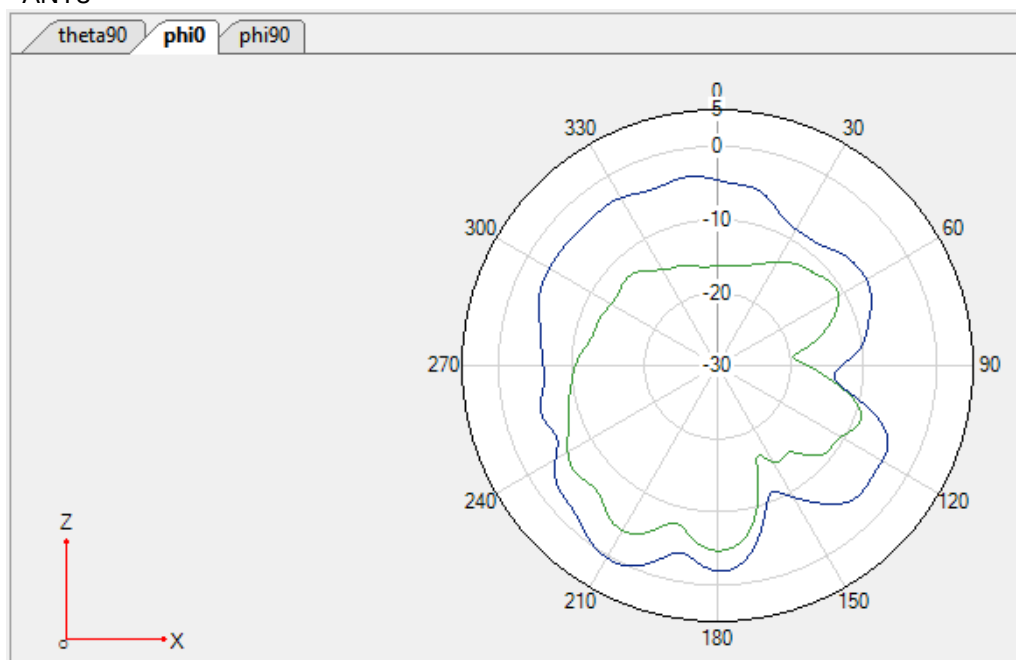
LTE B28B Phi=90deg

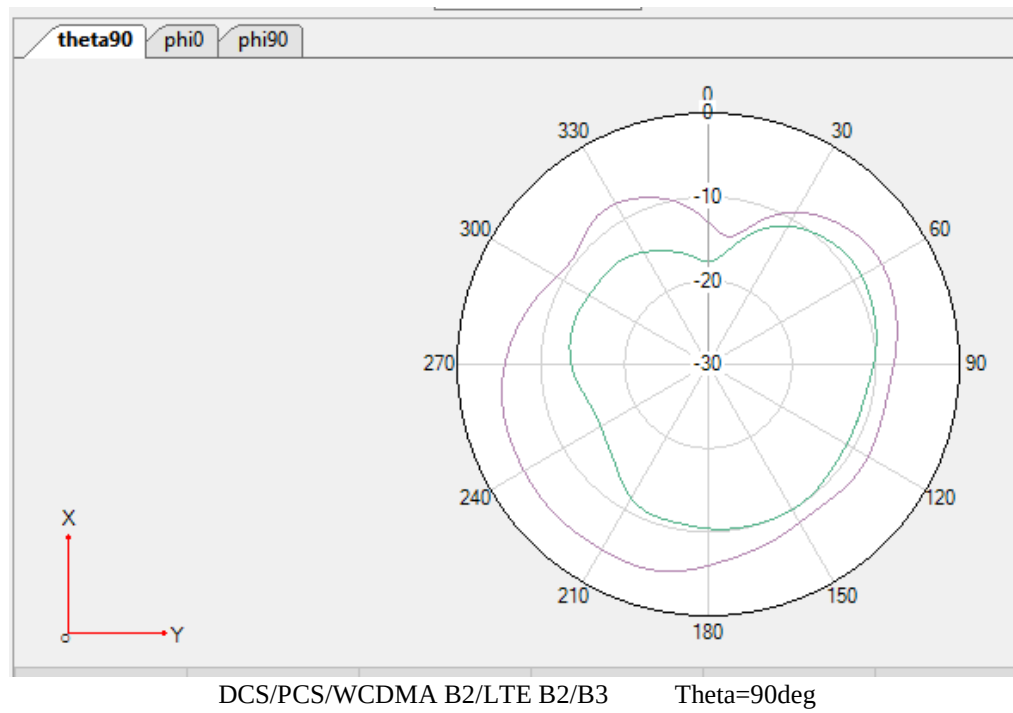


LTE B28B Theta=90deg

※ Antenna Gain

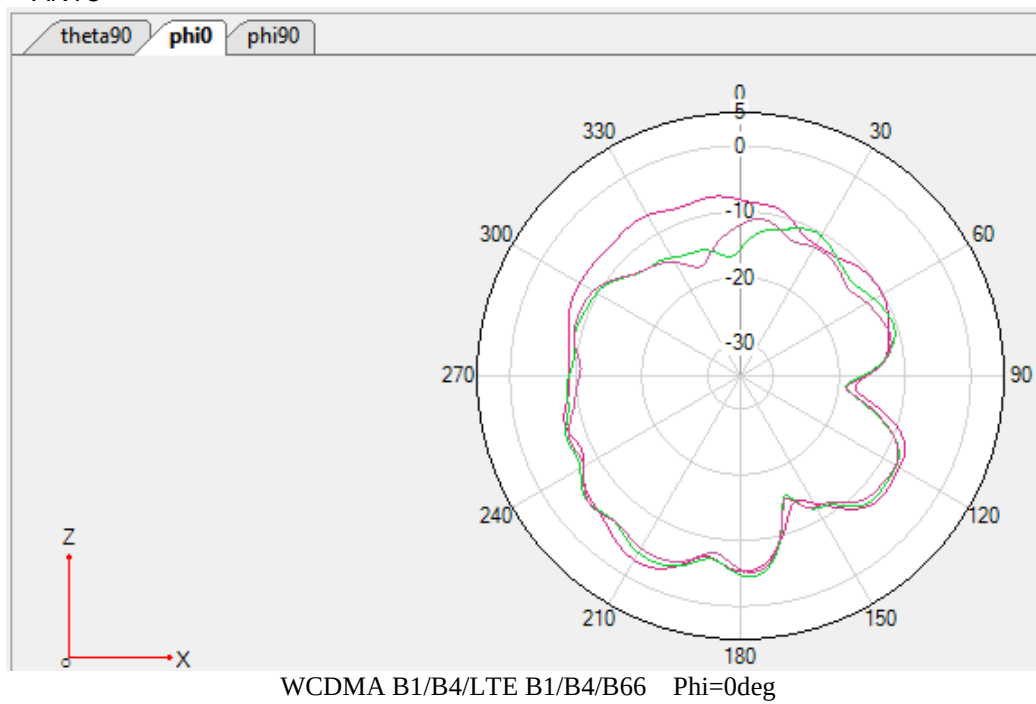
ANT3

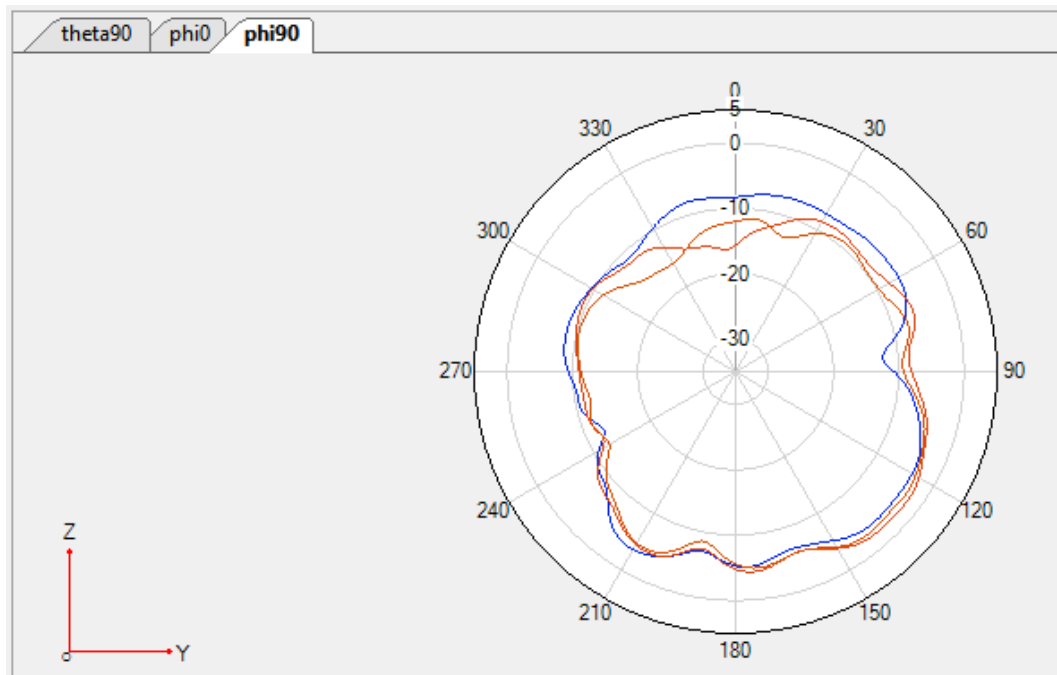




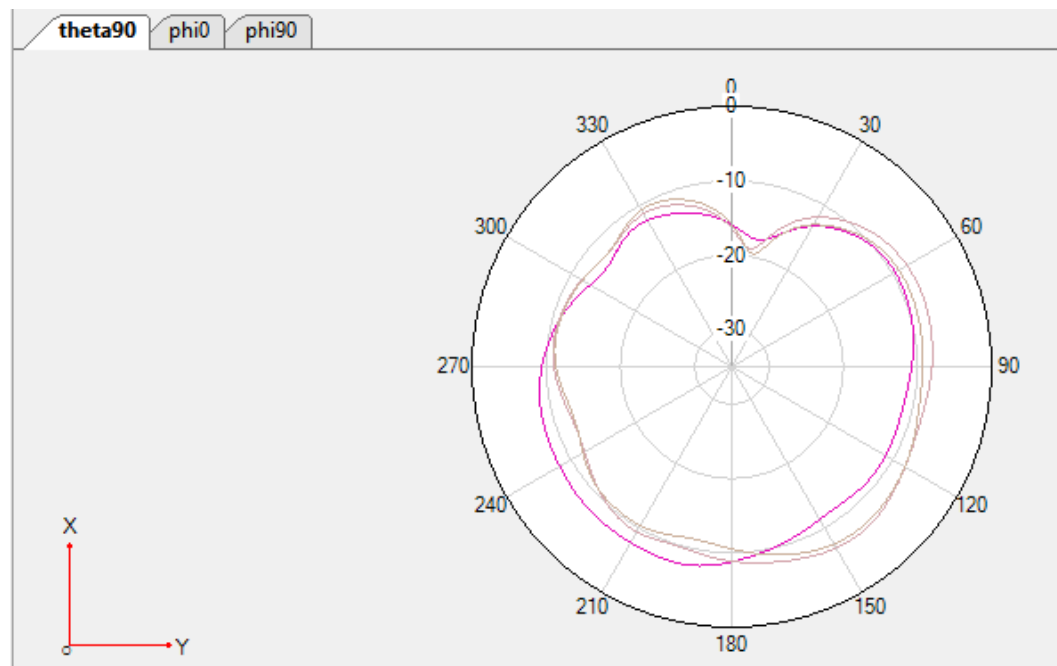
※ Antenna Gain

ANT3



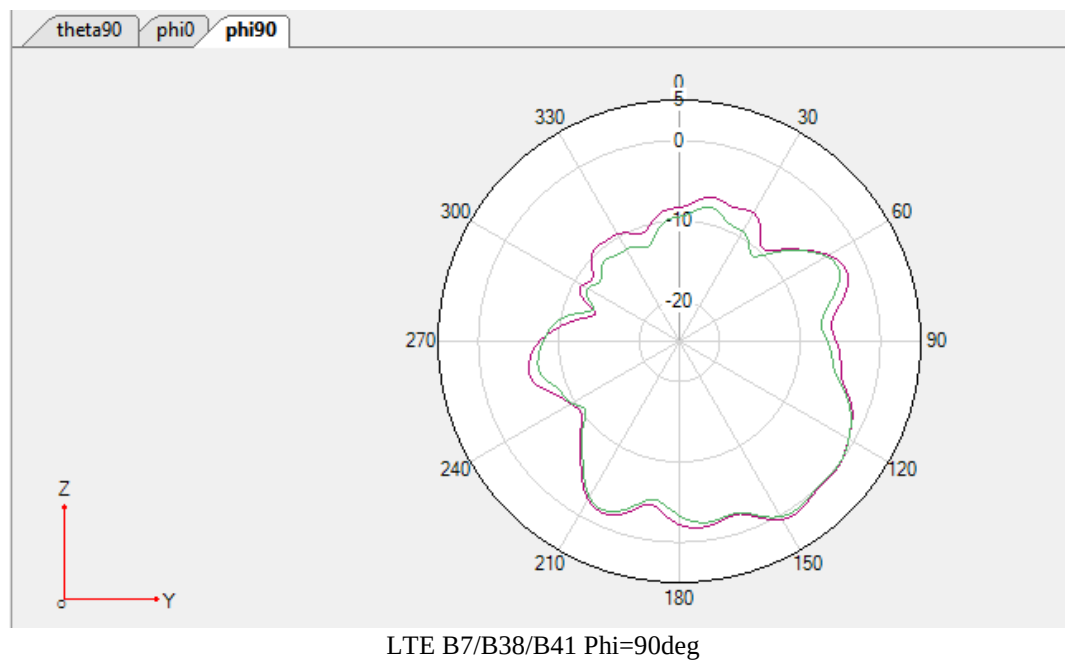
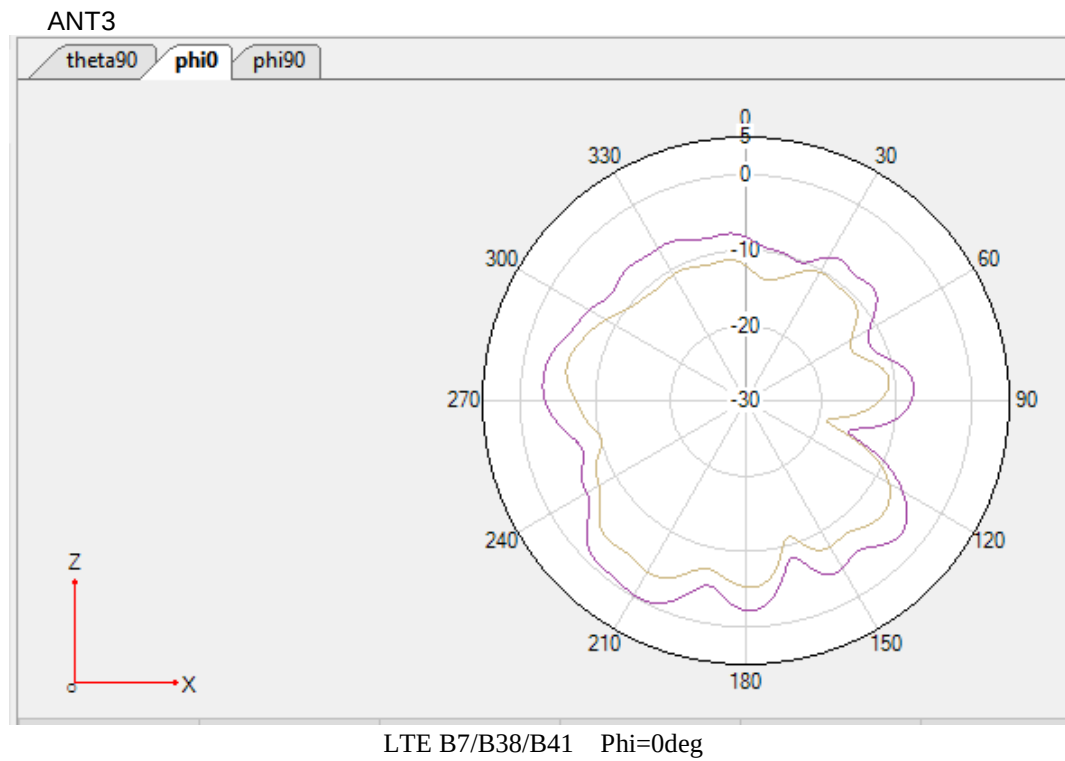


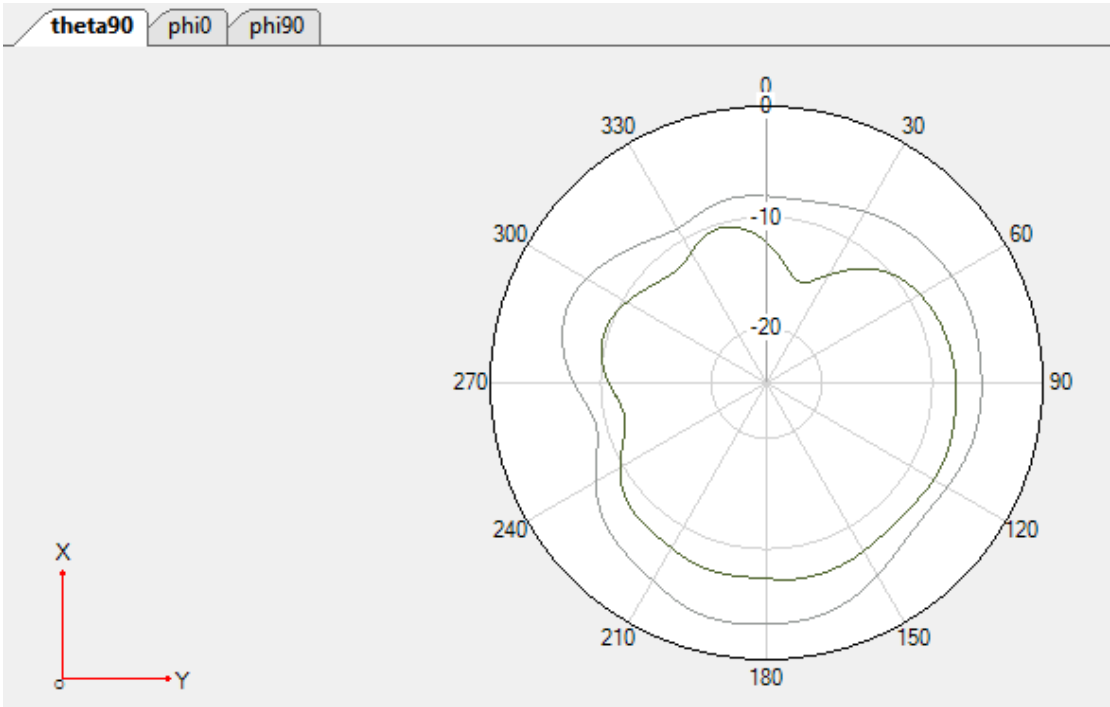
WCDMA B1/B4/LTE B1/B4/B66 Phi=90deg



WCDMA B1/B4/LTE B1/B4/B66 Theta=90deg

※ Antenna Gain





LTE B7/B38/B41 Theta=90deg

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