

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/B13/B17/B25/B26/B28A/B28B/B38/B40/B41/B66

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

TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5/B26: 824 - 849 MHz
	GSM 900/WCDMA B8/LTE B8 : 880 - 915 MHz

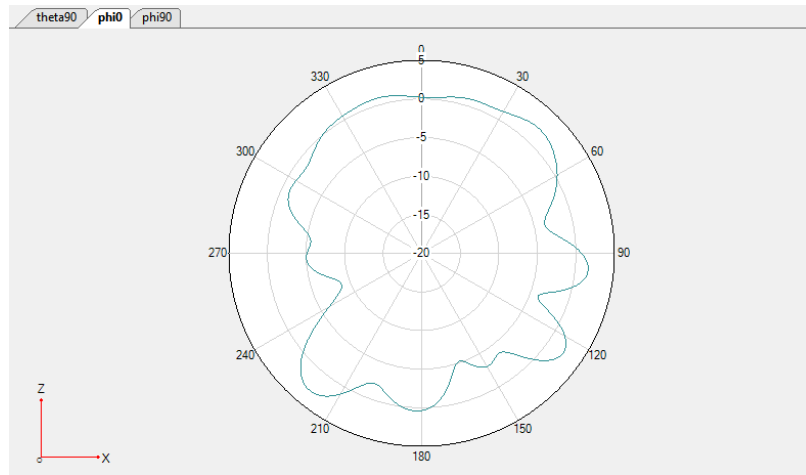
	DCS /WCDMA B4/LTE B3/B4/B66 : 1710 – 1785 MHz
	PCS/WCDMA B2/LTE B2/B25:1850-1910MHz
	WCDMA B1/LTE B1 : 1920 – 1980MHz
	LTE B7:2496-2565MHz
	LTE B40 :2300-2400MHz
	LTE B38/B41 :2565-2645MHz
	LTE B12/B17/ B28 :710-755MHz
	LTE B13:777-787MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5/B26 : 869 – 894 MHz
	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/B25:1930-1990MHz
	WCDMA B1/LTE B1 : 2110 – 2170MHz
	LTE B7:2620-2690MHz
	LTE B40:2300-2400MHz
	LTE B38/41 :2565-2645MHz
	LTE B12/B17/ B28 :758-803MHz
LTE B13: 746-756MHz	
RF-Output Power (E.I.R.P)	GSM850/900: 32+/-2dBm
	DCS/PCS: 30+/-2dBm
	LTE B1/B2/B3/ B4/B5 /B7/B8/B12/B13/B17/B25/B26/B28/B38/B40/B41/B66: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm

Antenna Gain	ANT0 (LB-PRX)	GSM 850/WCDMA B5/LTE B5/B26: -5.21
		GSM 900/WCDMA B8/LTE B8: -6.08
		LTE B12/B17/B28 :-5.41
		LTE B13:-5.41
	ANT1 (MHB-PRX)	DCS /WCDMA B4/LTE B3/B4/B66 :-1.25
		PCS/WCDMA B2/LTE B2/B25: -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/B26: -5.79

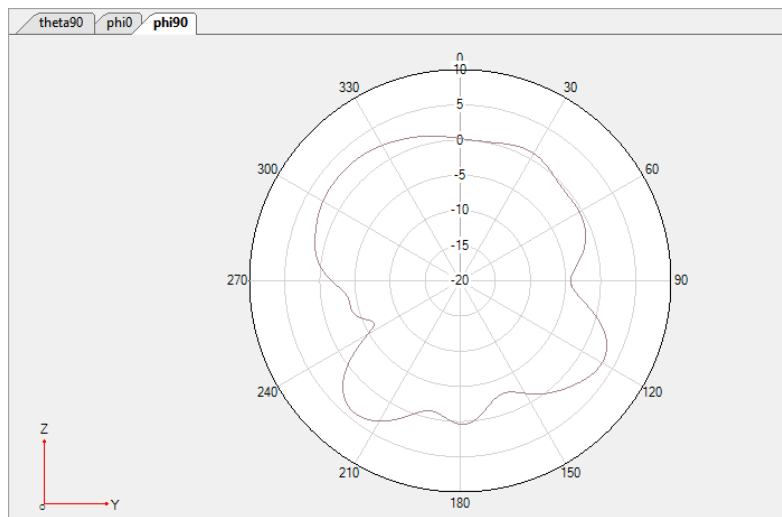
	(LB-DRX)	GSM 900/WCDMA B8/LTE B8: -5.15
		LTE B13:-5.98
		LTE B12/B17/B28A :-5.98
		LTE B28B :-6.15
	ANT3 (MHB-DRX)	DCS/LTE B3 : -3.99
		PCS/WCDMA B2/LTE B2/B25: -1.78
		WCDMA B1/LTE B1 : -1.93
		WCDMA B4 /B4/B66:-7.93
		LTE B7/B38/B41 :-0.95
		LTE B40: -1.53
	ANT12	GPS(L1):-1.39
	ANT13	WIFI 2.4G: -1.59
	ANT14	BT/WIFI 2.4G: -1.43 5G: -1.39

※ Antenna Gain

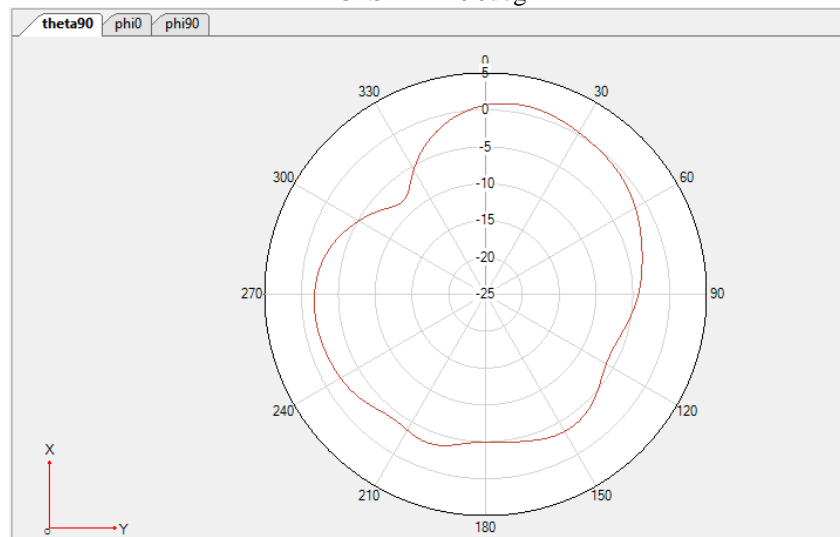
ANT12



GPS Phi=0deg



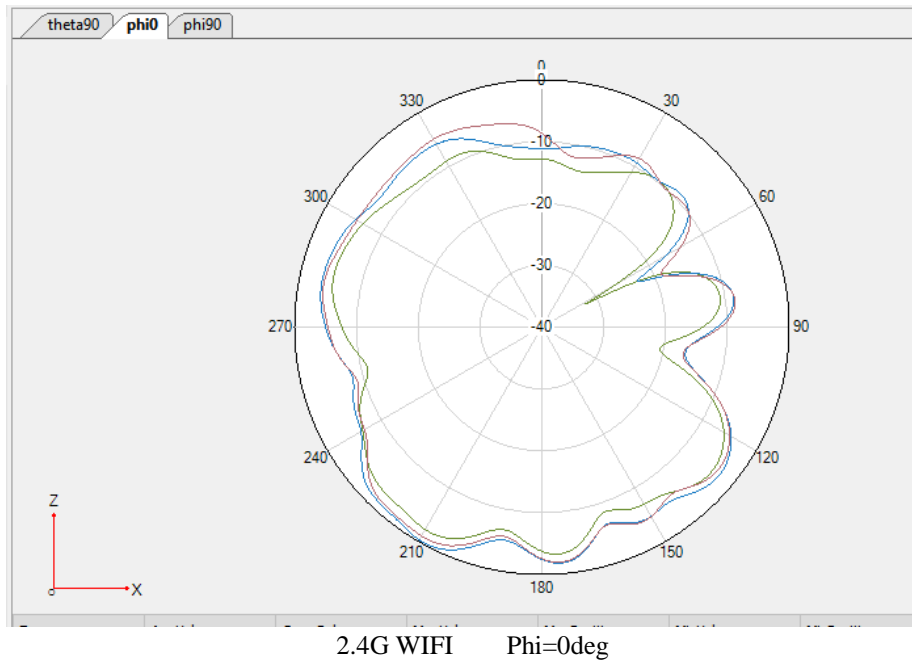
GPS Phi=90deg

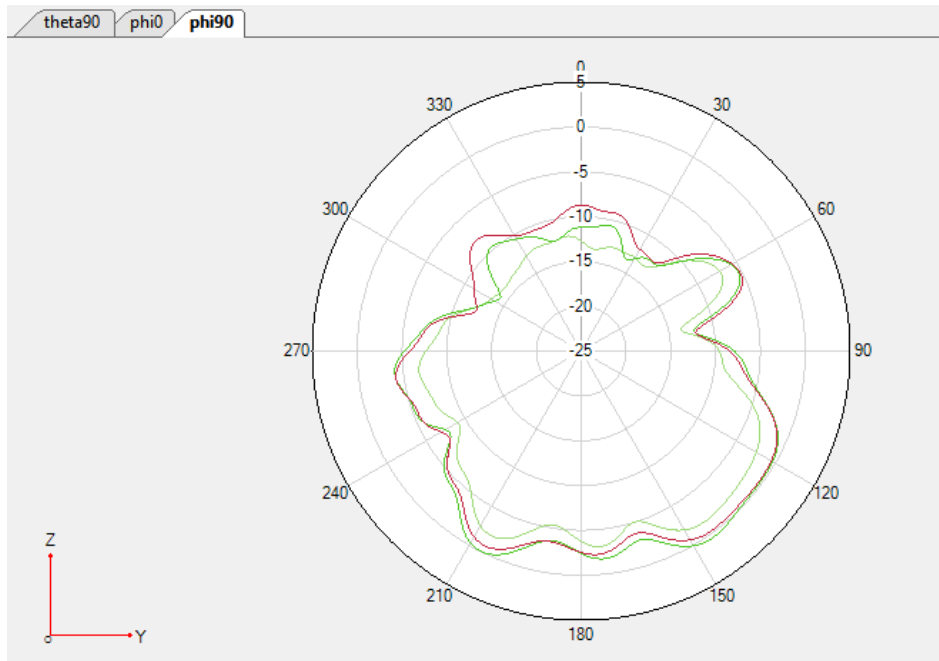


GPS Theta=90deg

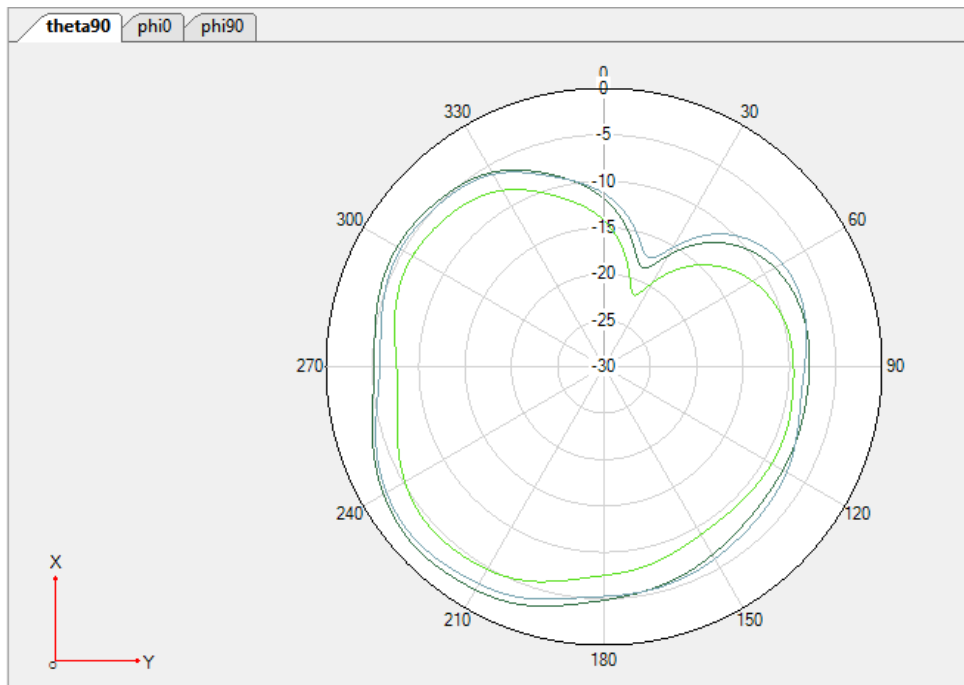
※ Antenna Gain

ANT13





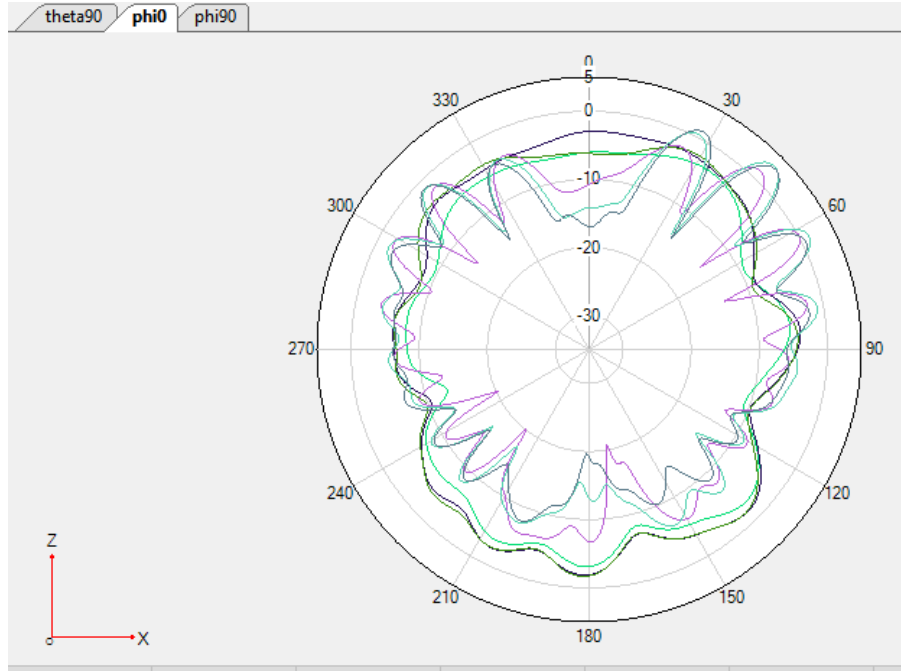
2.4G WIFI Phi=90deg



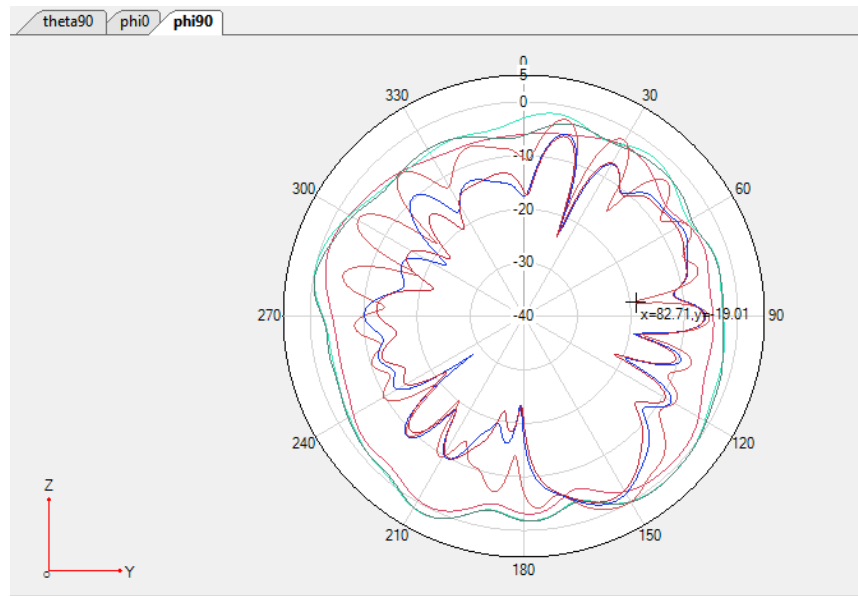
2.4G WIFI Theta=90deg

※ Antenna Gain

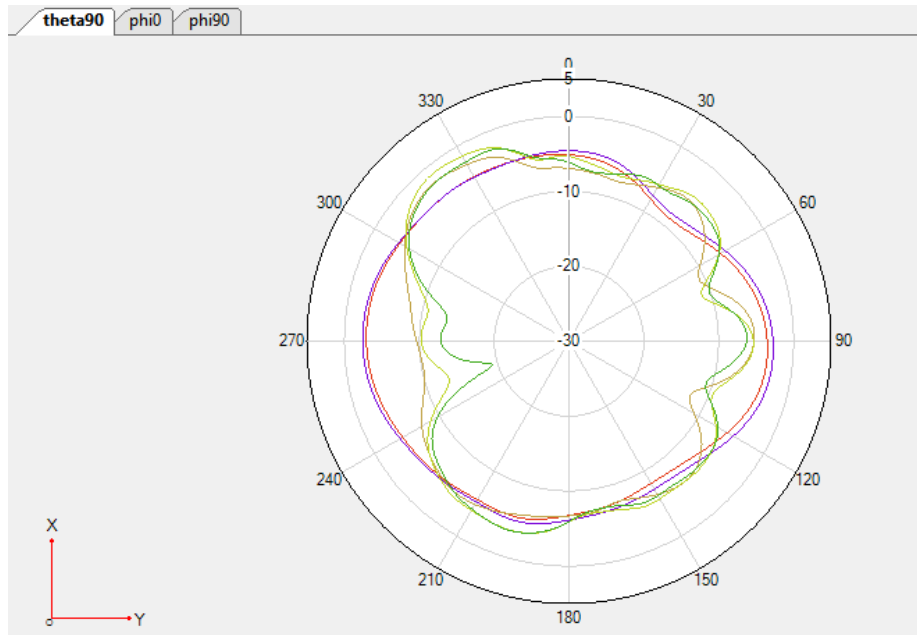
ANT14



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

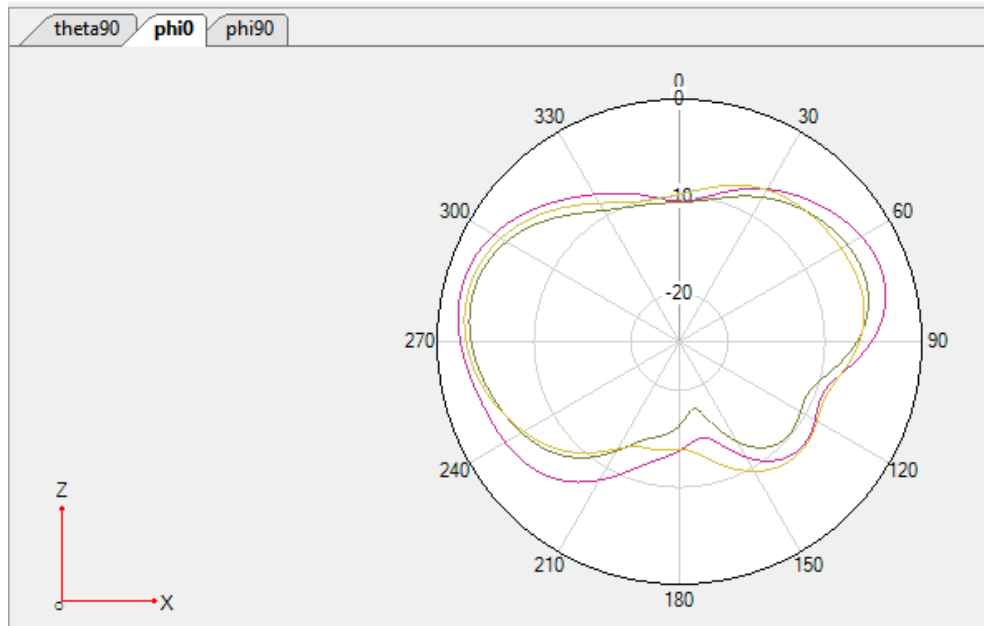


2.4G WIFI&BT& 5G WIFI Phi=90deg

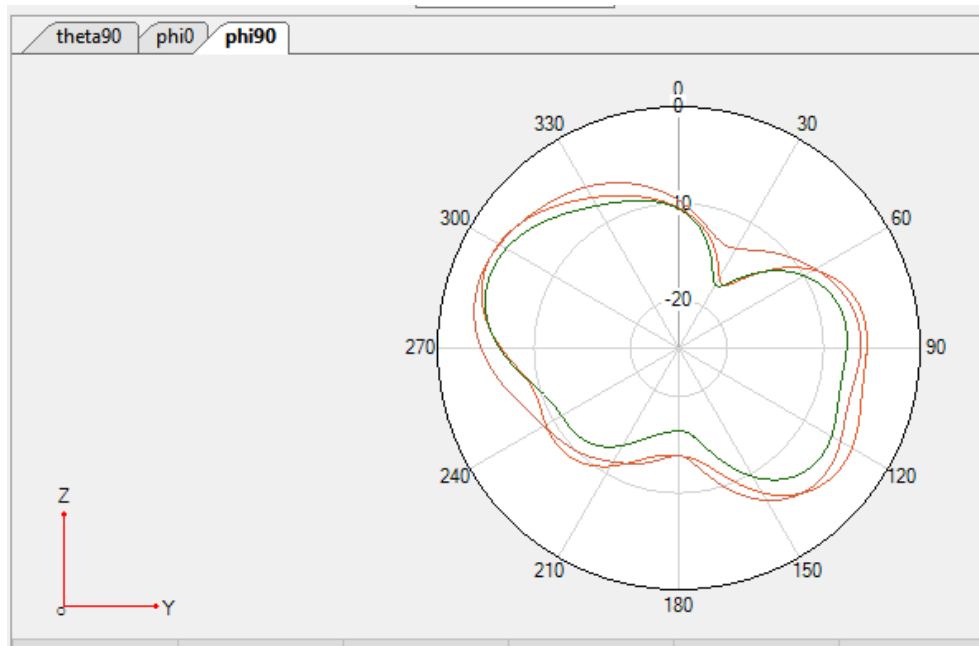


2.4G WIFI&BT& 5G WIFI Theta=90deg

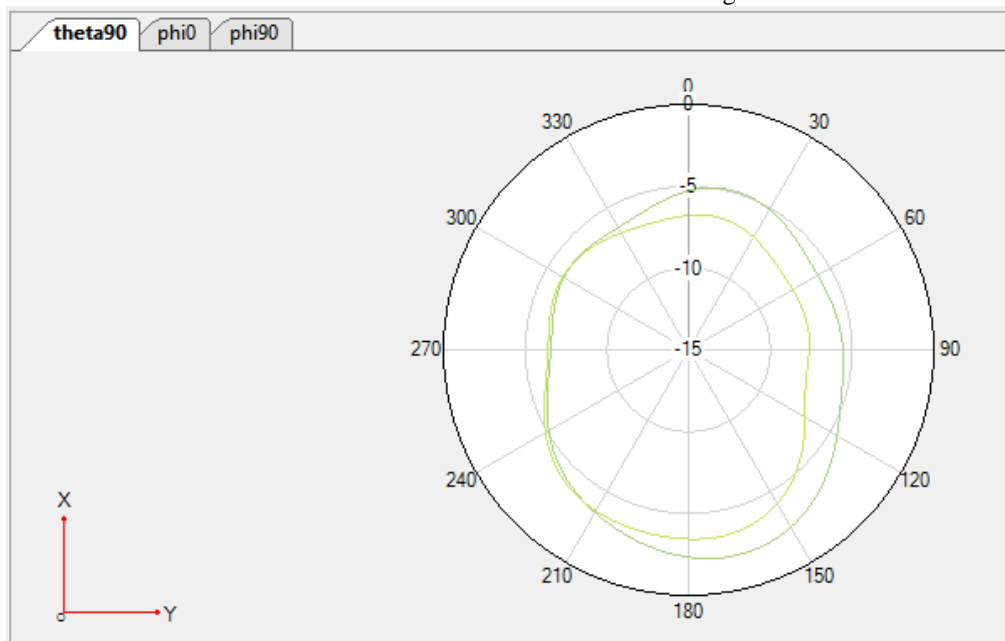
※ Antenna Gain
ANT0



LTE B12/B13/B17/ B28 Phi=0deg



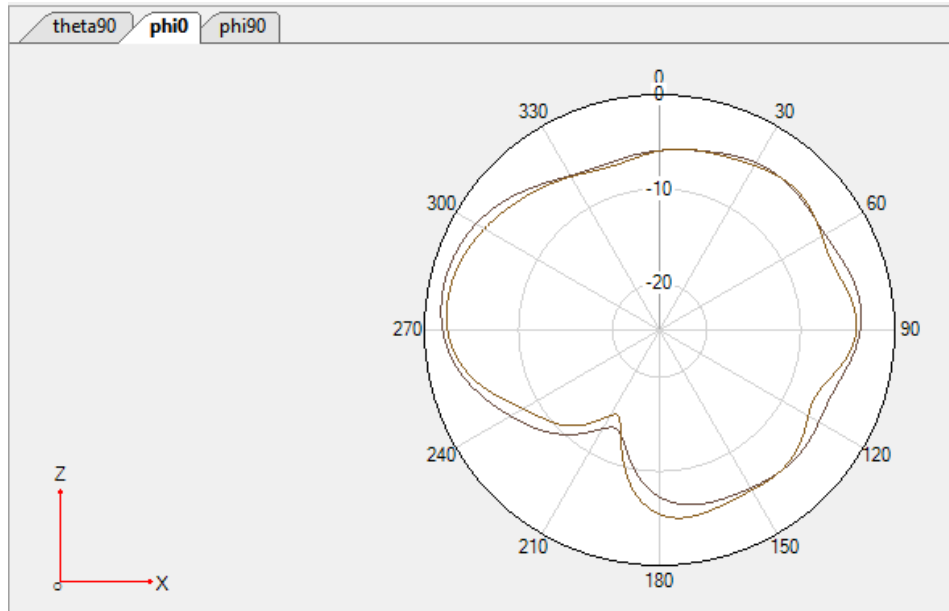
LTE B12/B13/B17/ B28 Phi=90deg



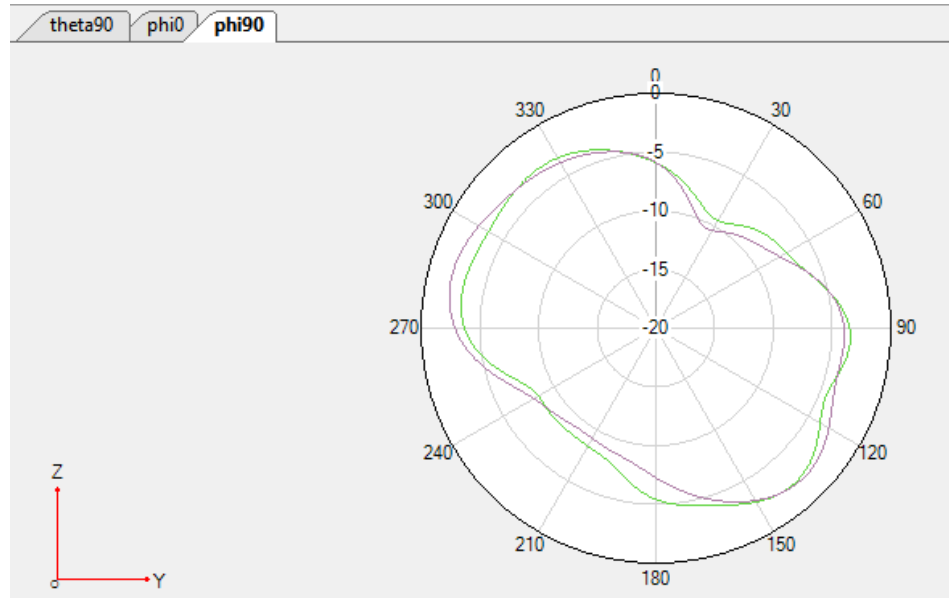
LTE B12/B13/B17/ B28 Theta=90deg

※ Antenna Gain

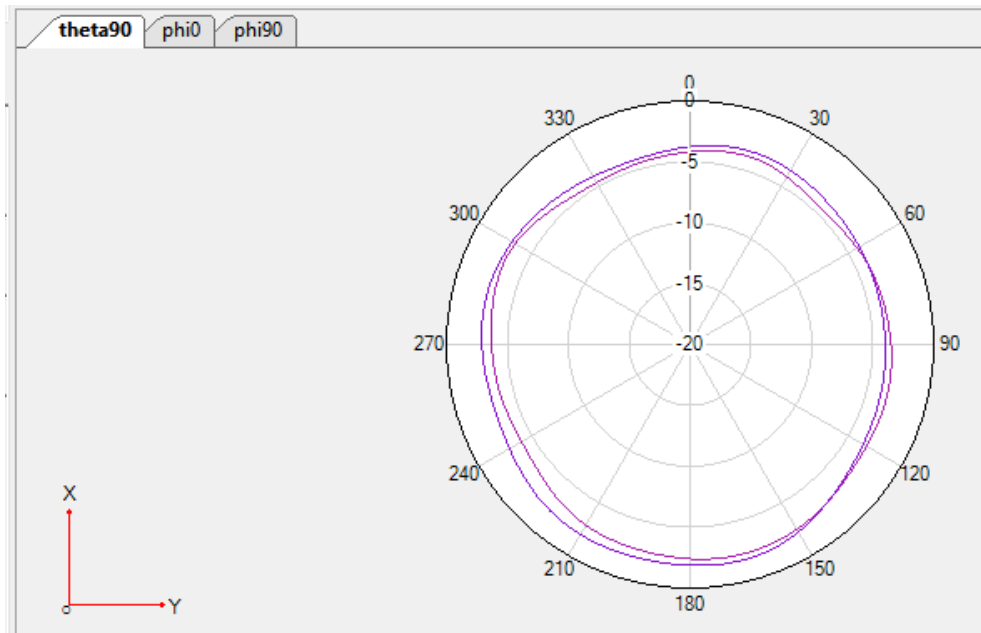
ANT0



GSM850/WCDMA B5/LTE B5/B26 Phi=0deg



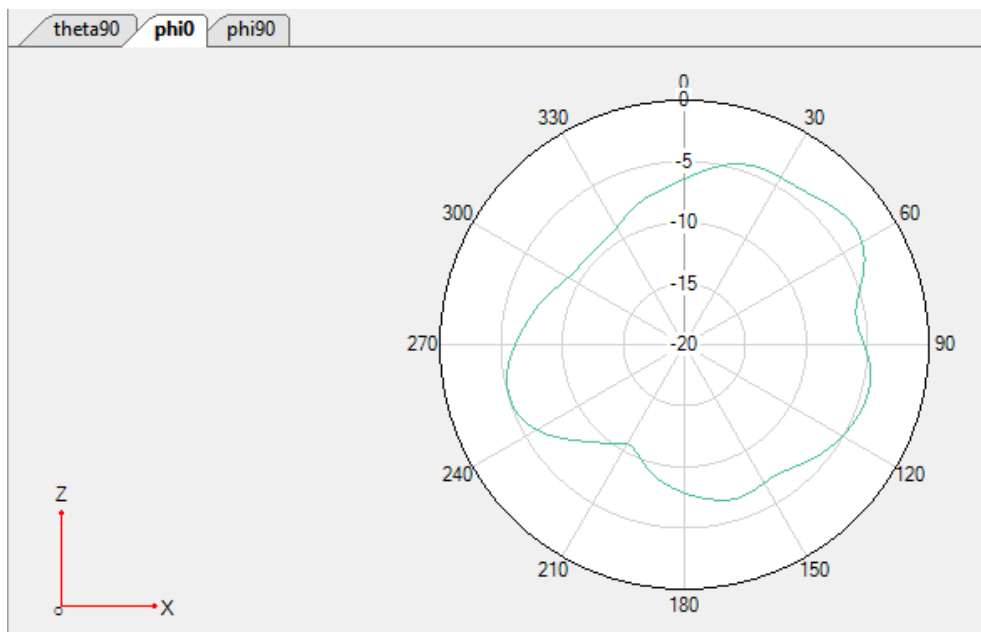
GSM850/WCDMA B5/LTE B5/B26 Phi=90deg



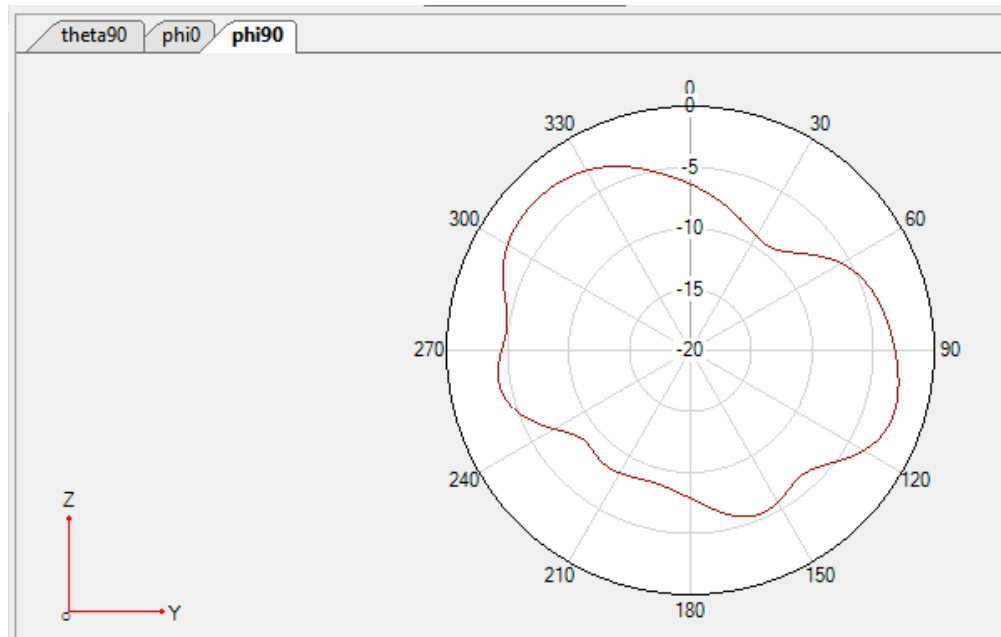
GSM850/WCDMA B5/LTE B5/B26 Theta=90deg

※ Antenna Gain

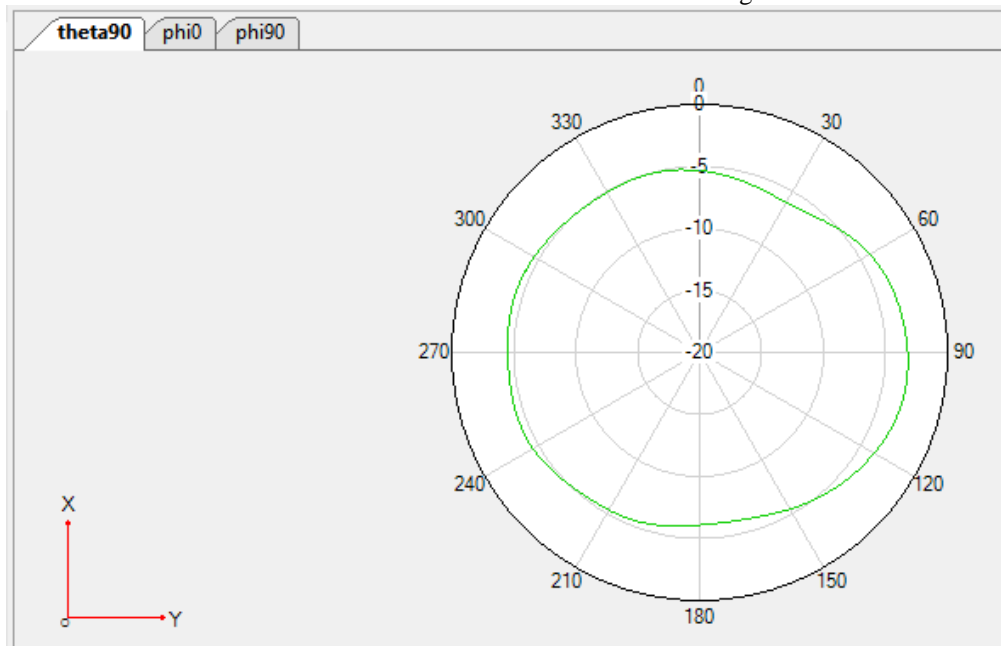
ANT0



GSM900/WCDMA B8/LTE B8 Phi=0deg



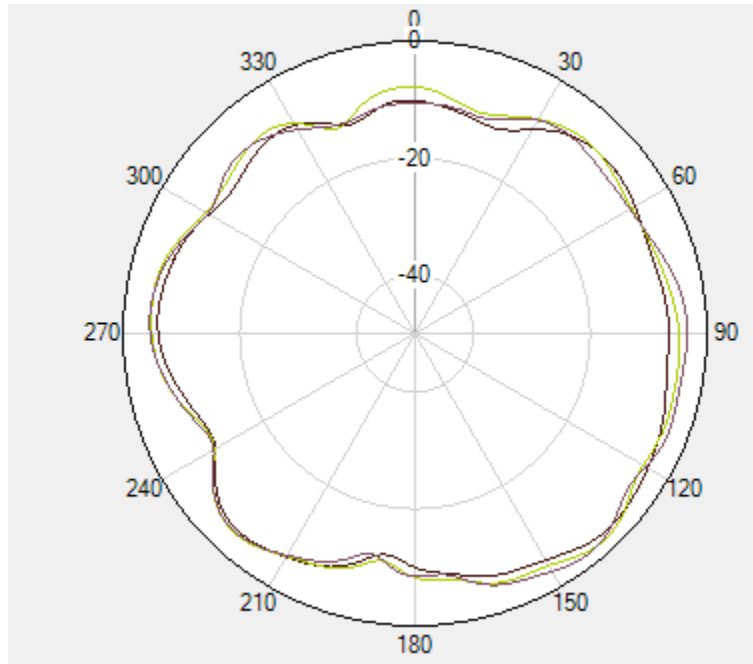
GSM900/WCDMA B8/LTE B8 Phi=90deg



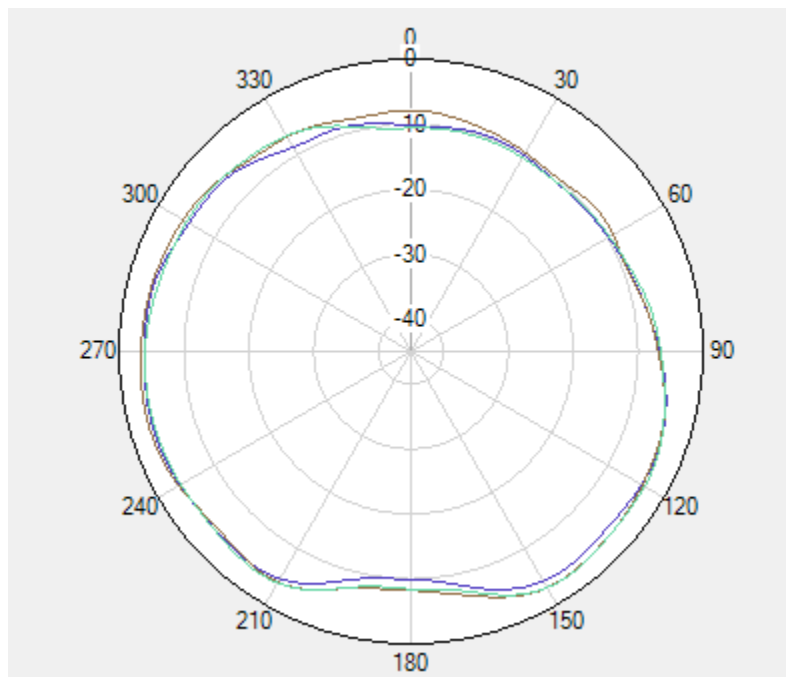
GSM900/WCDMA B8/LTE B8 Theta=90deg

※ Antenna Gain

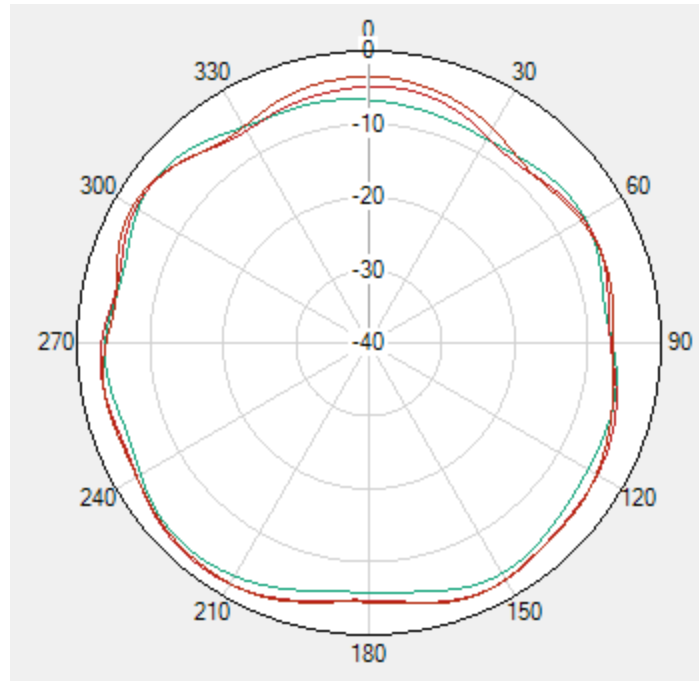
ANT1



LTE B7/B38/B41 Phi=0deg



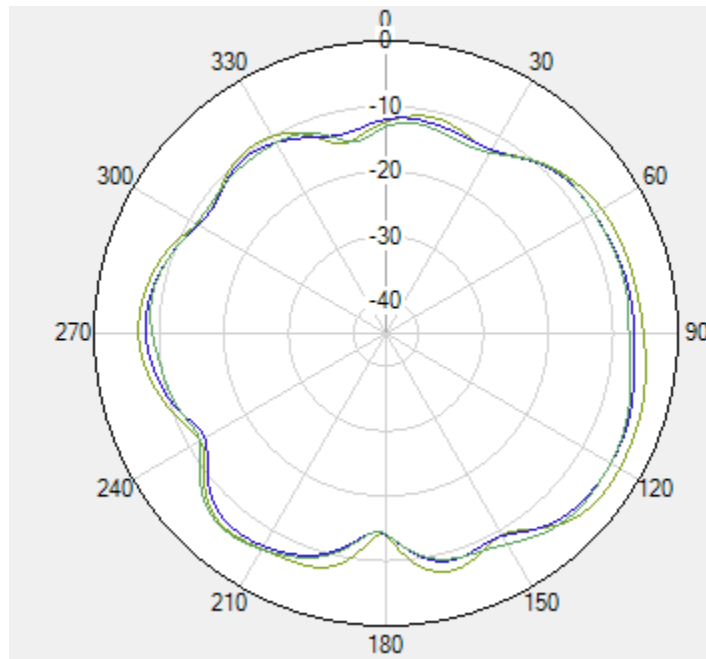
LTE B7/B38/B41 Phi=90deg



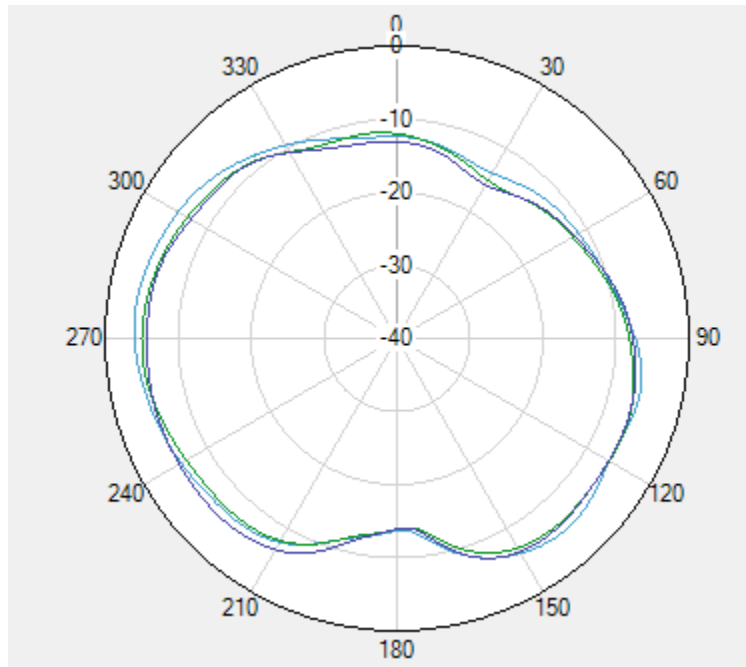
LTE B7/B38/B41 Theta=90deg

※ Antenna Gain

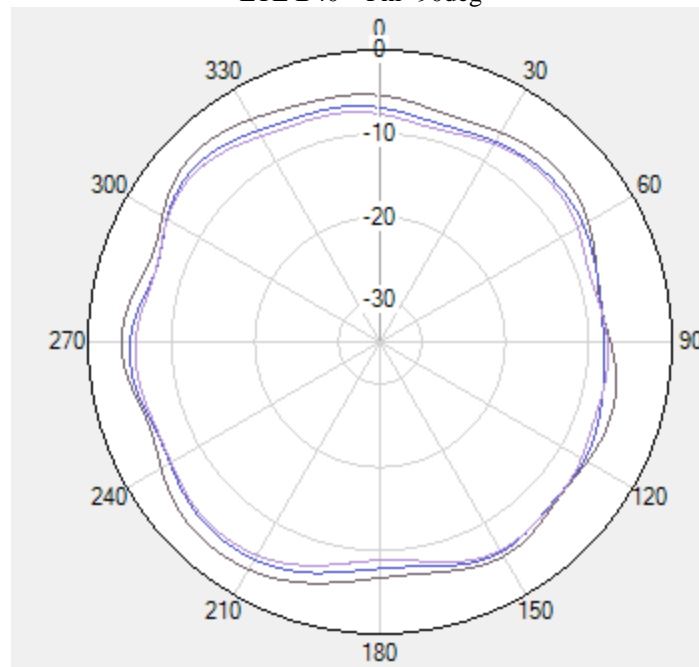
ANT1



LTE B40 Phi=0deg



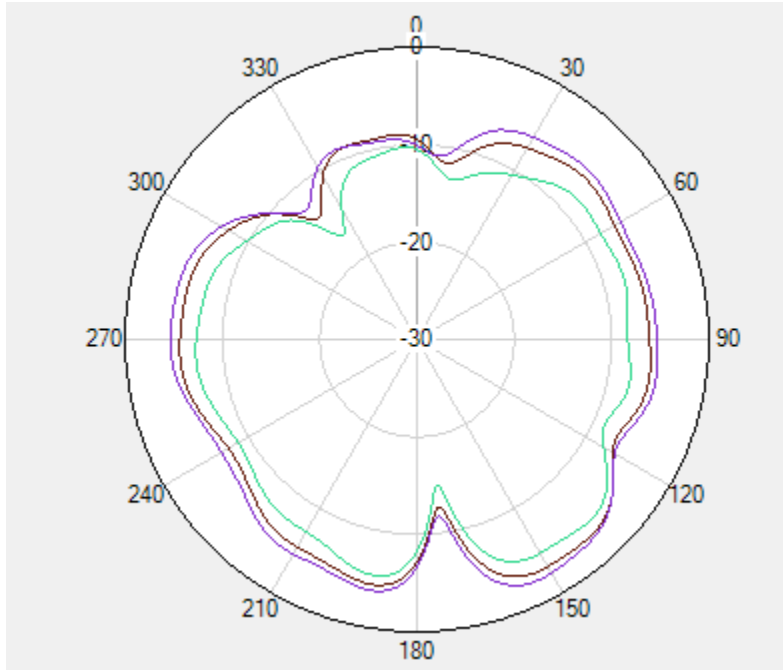
LTE B40 $\Phi = 90^\circ$



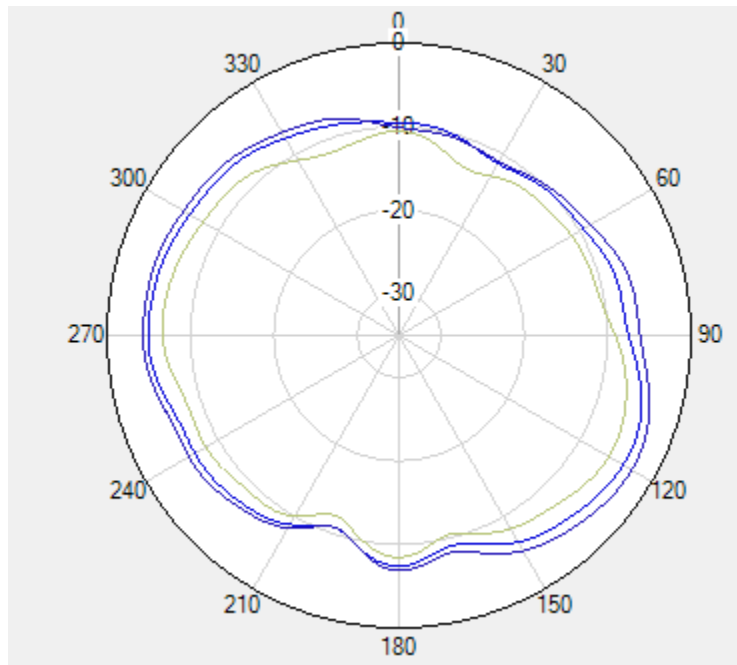
LTE B40 $\Theta = 90^\circ$

※ Antenna Gain

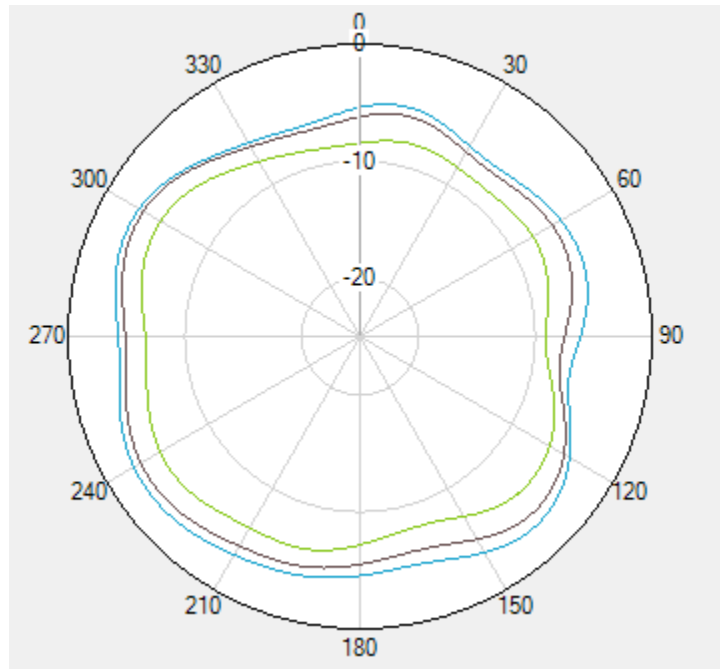
ANT1



DCS/PCS/WCDMA B2/LTE B2/B3/B25 Phi=0deg



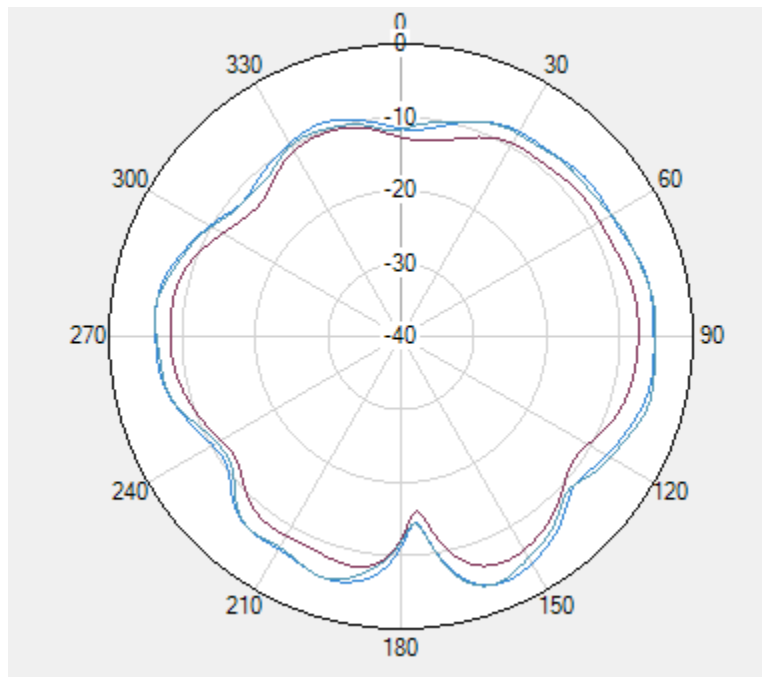
DCS/PCS/WCDMA B2/LTE B2/B3/B25 Phi=90deg



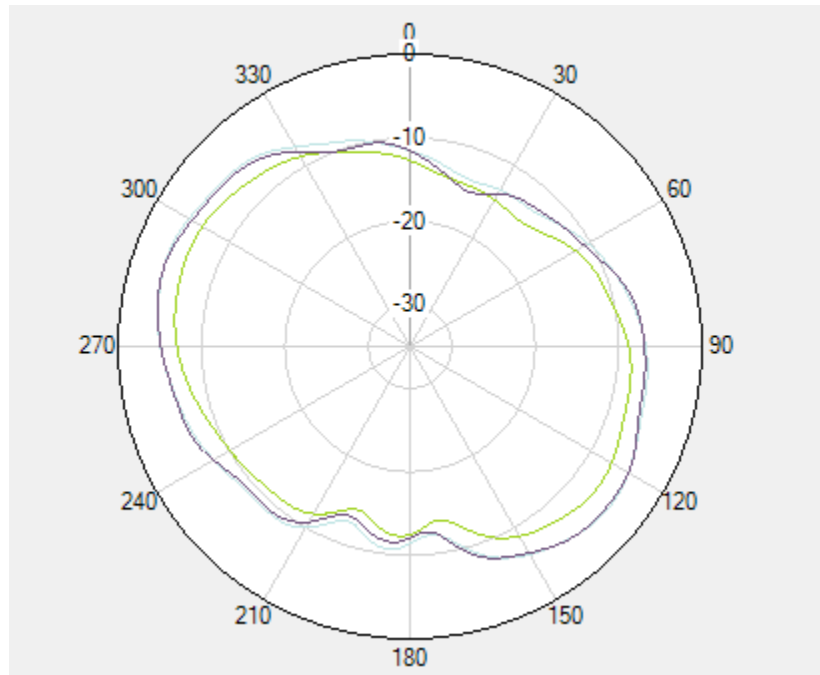
DCS/PCS/WCDMA B2/LTE B2/B3/B25 Theta=90deg

※ Antenna Gain

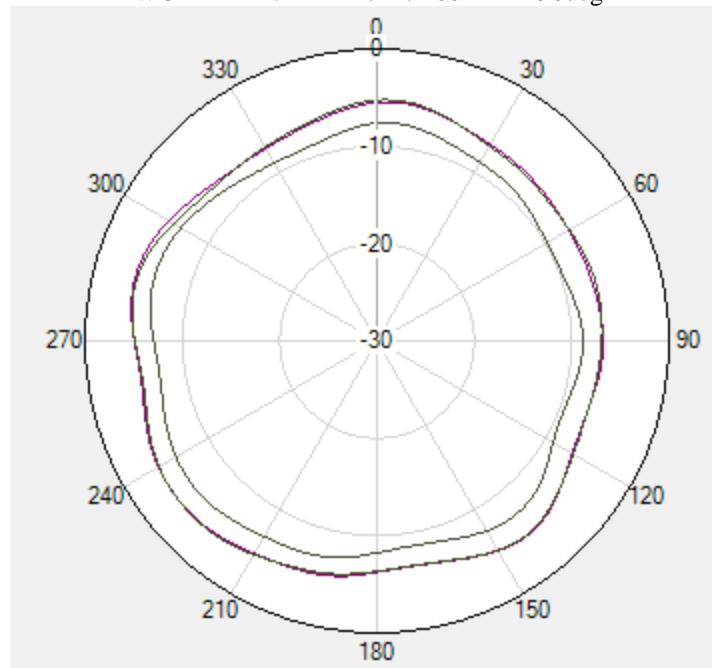
ANT1



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

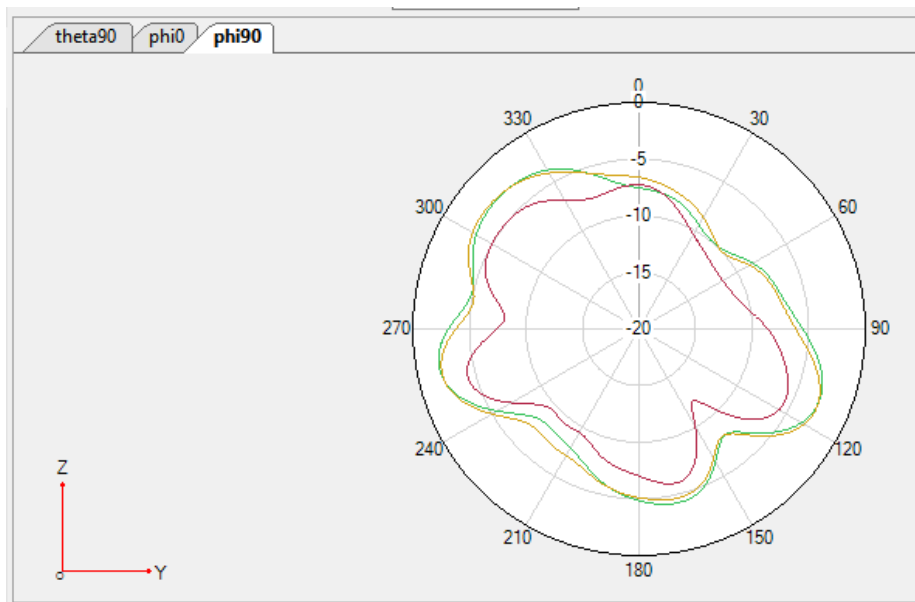
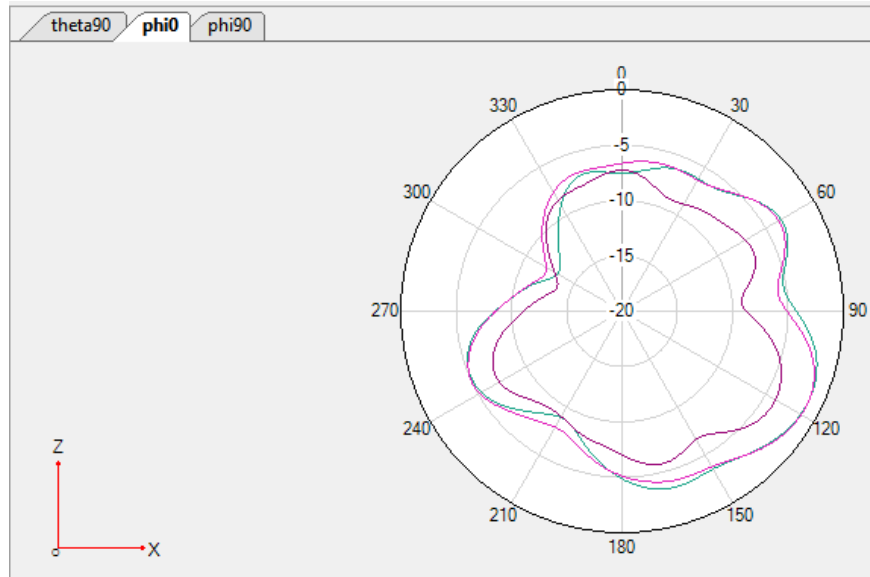


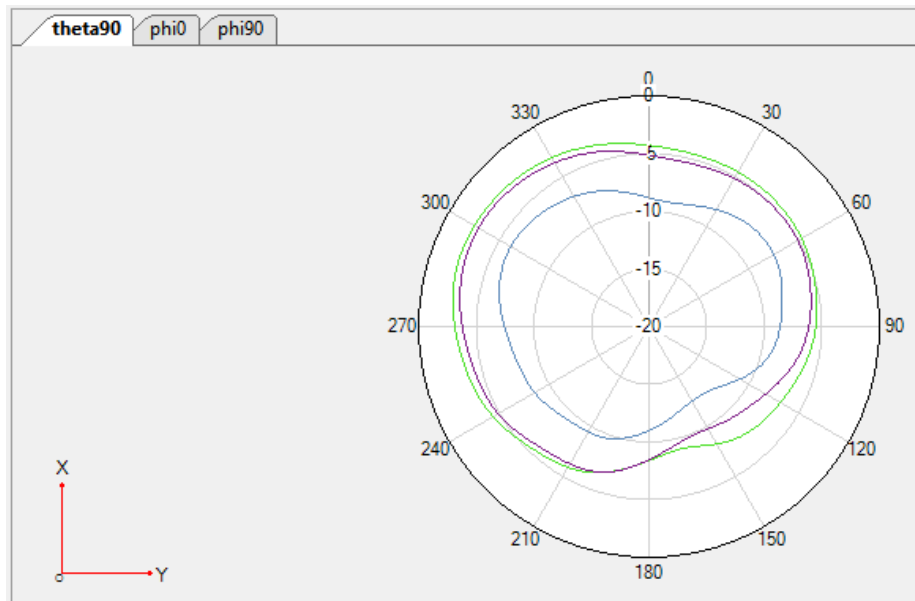
WCDMA B1/LTE B1/B4/B66 $\Phi=90^\circ$



WCDMA B1/LTE B1/B4/B66 $\Theta=90^\circ$

※ Antenna Gain
ANT2

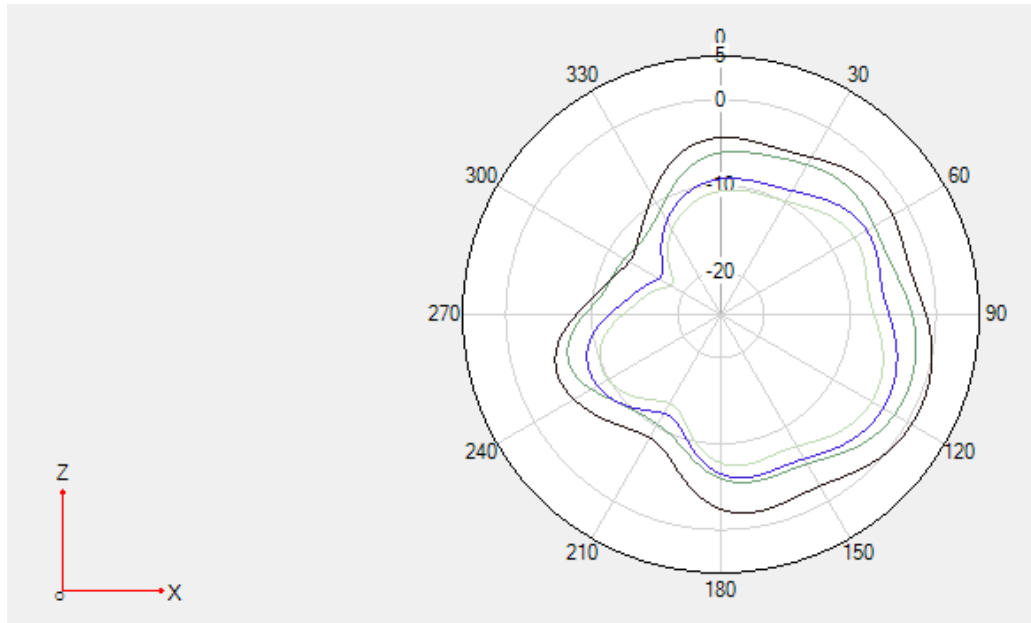




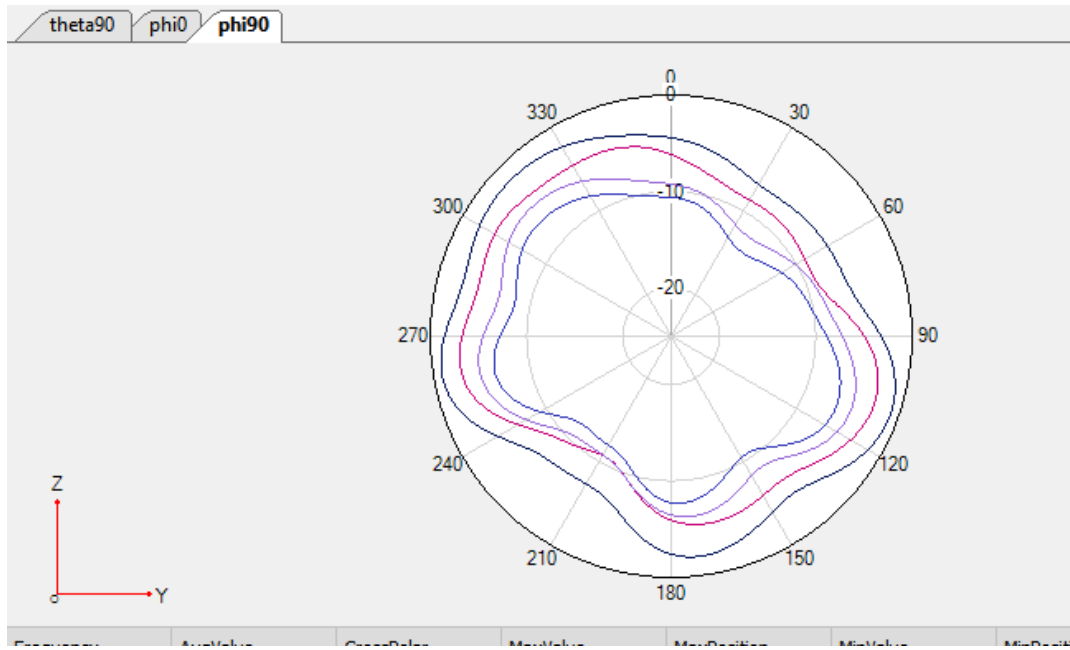
GSM900/WCDMA8/LTE B8 Theta=90deg

※ Antenna Gain

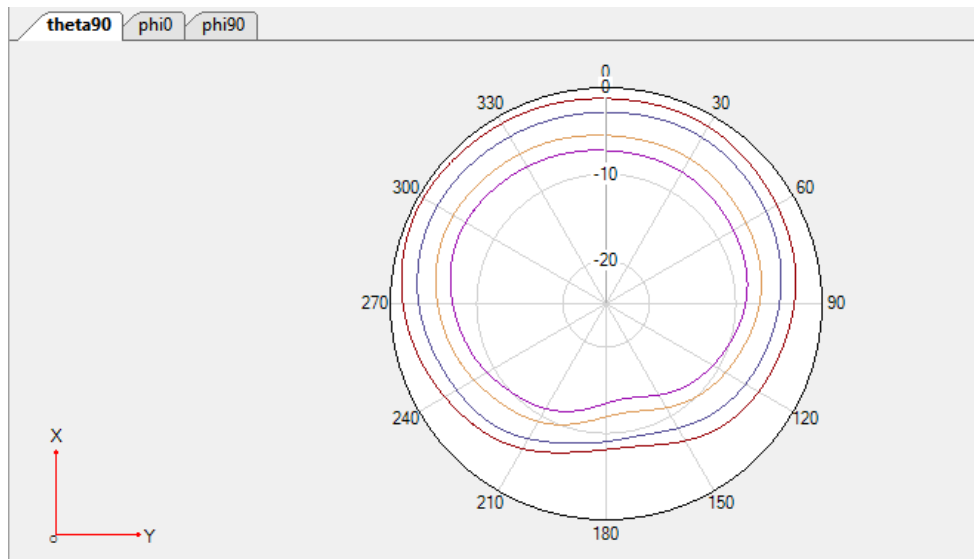
ANT2



GSM850/WCDMA B5/LTE B5/B26 Phi=0deg

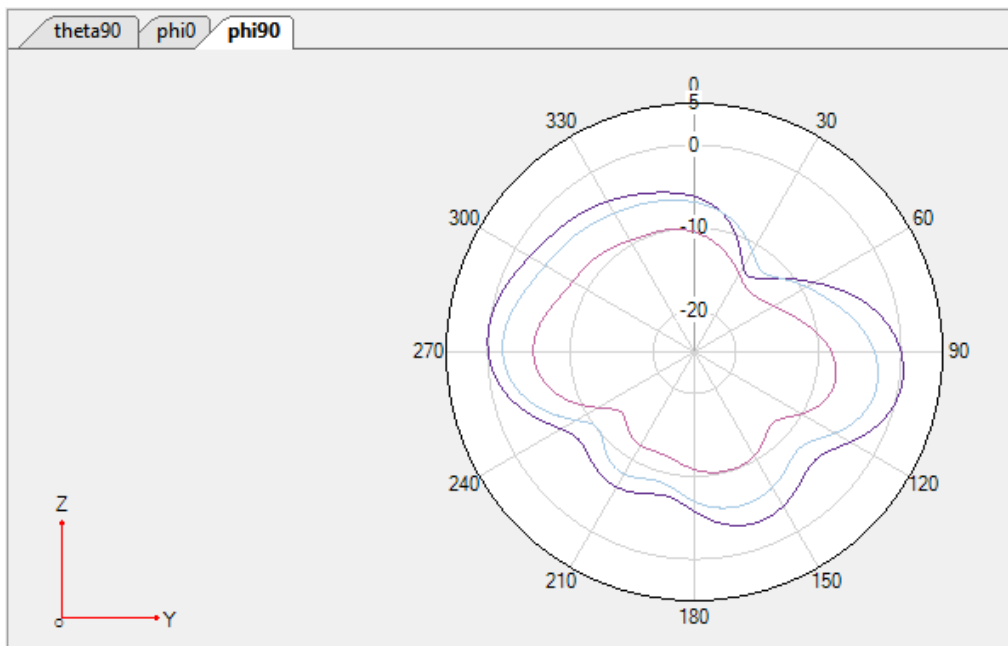
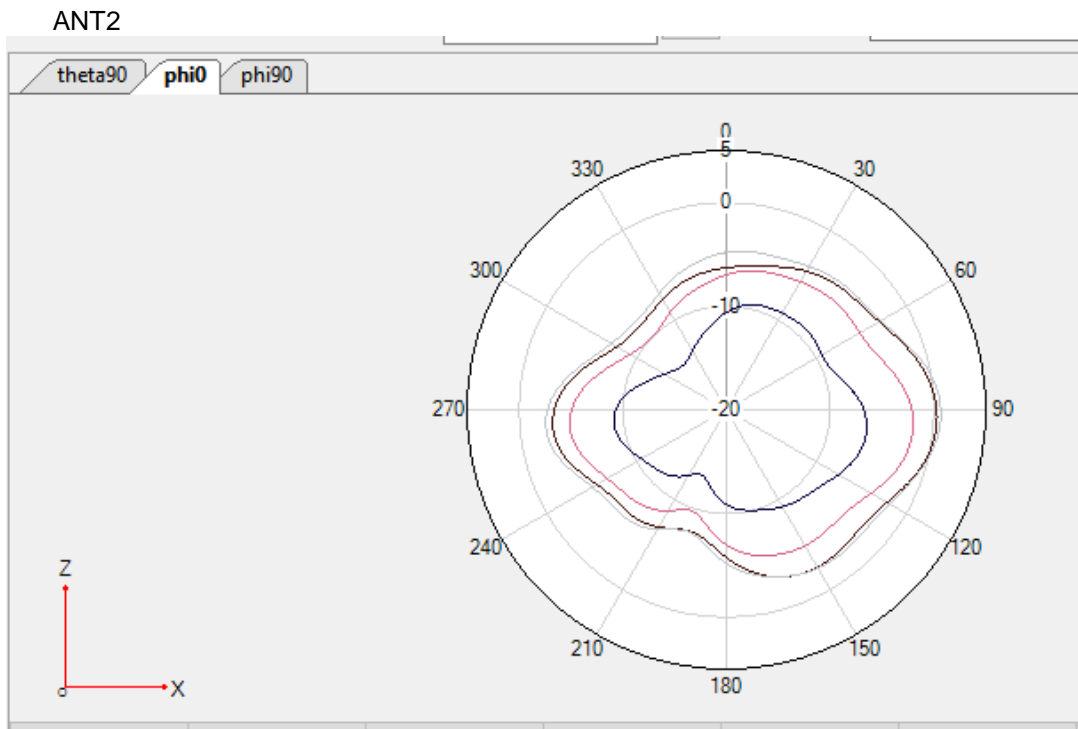


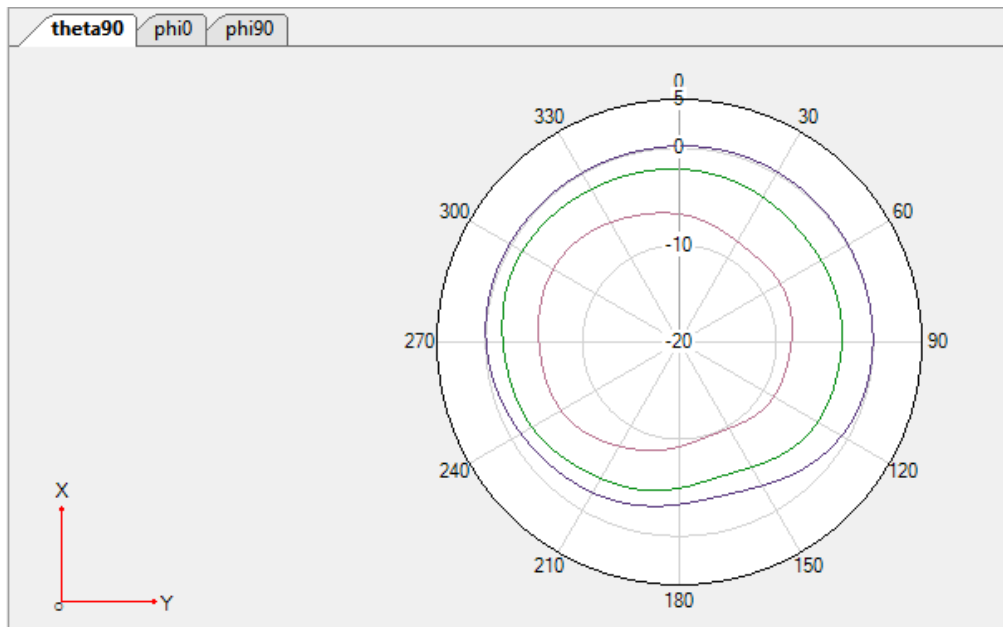
GSM850/WCDMA B5/LTE B5/B26 Phi=90deg



GSM850/WCDMA B5/LTE B5/B26 Theta=90deg

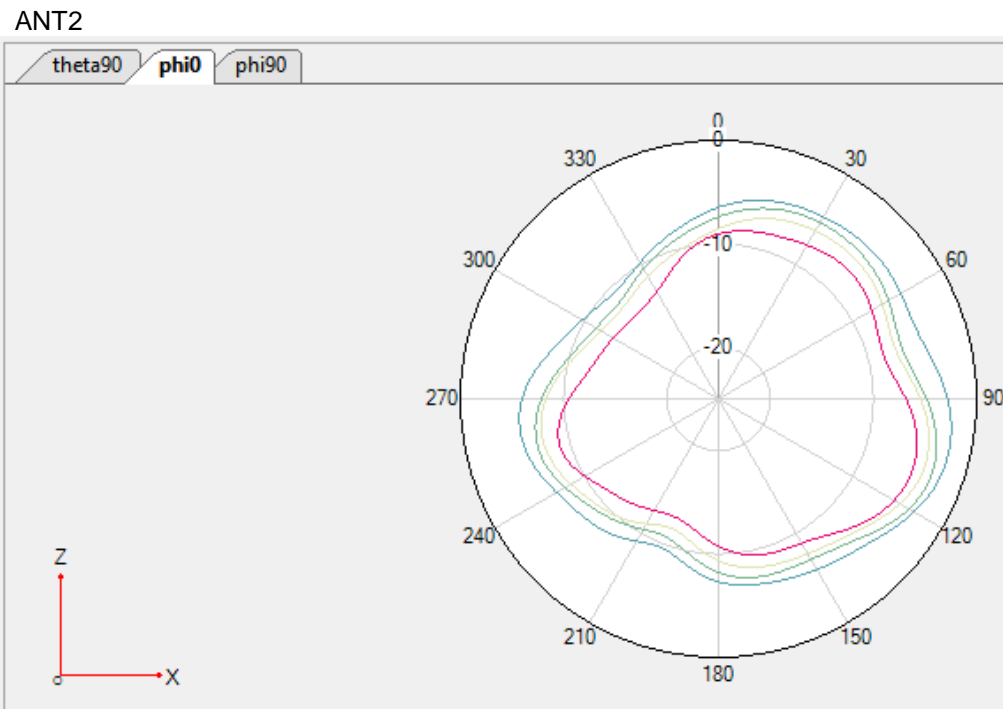
※ Antenna Gain



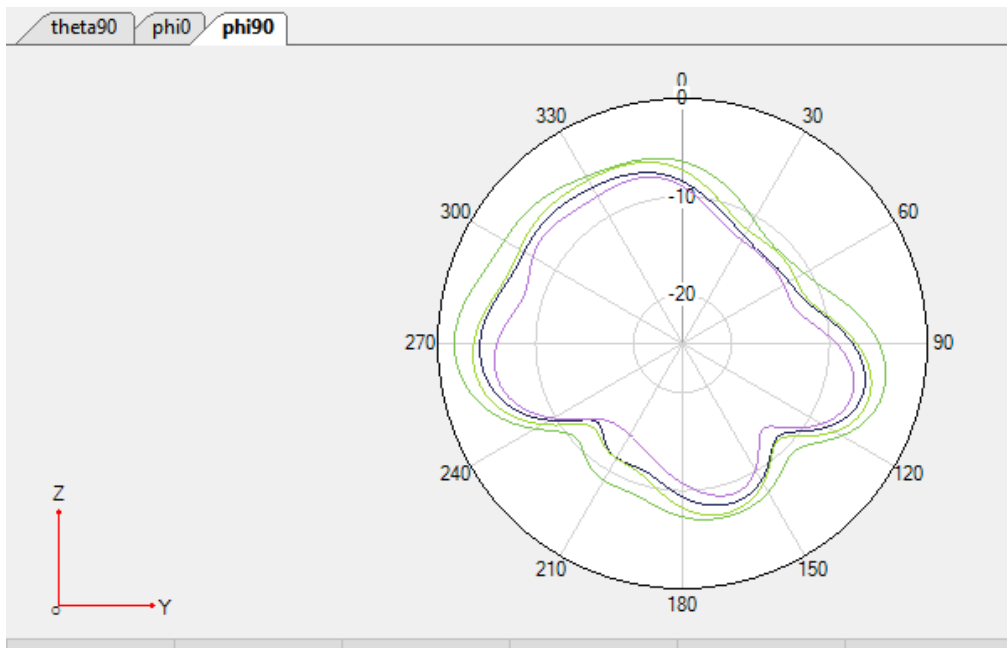


LTE B12/B13/B17/ B28A Theta=90deg

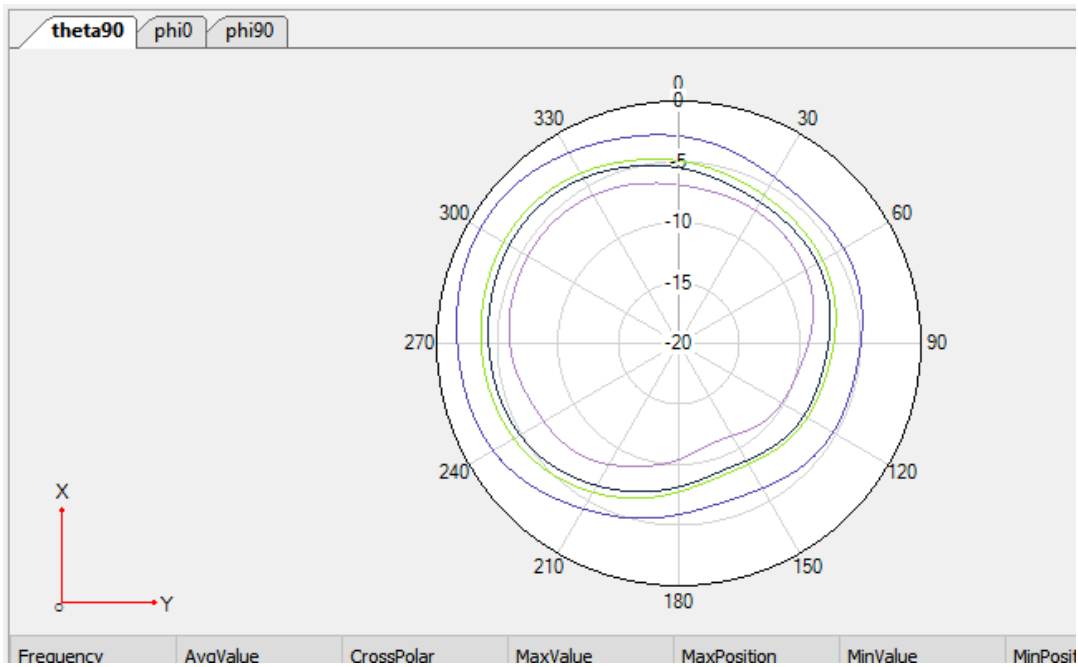
※ Antenna Gain



LTE B28B Phi=0deg

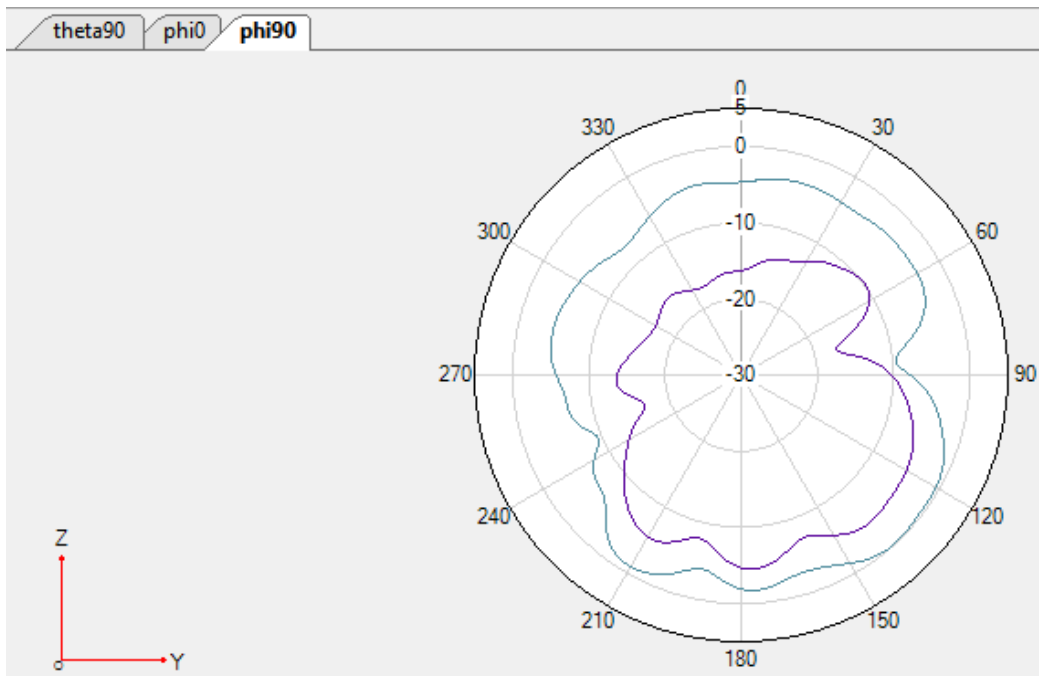
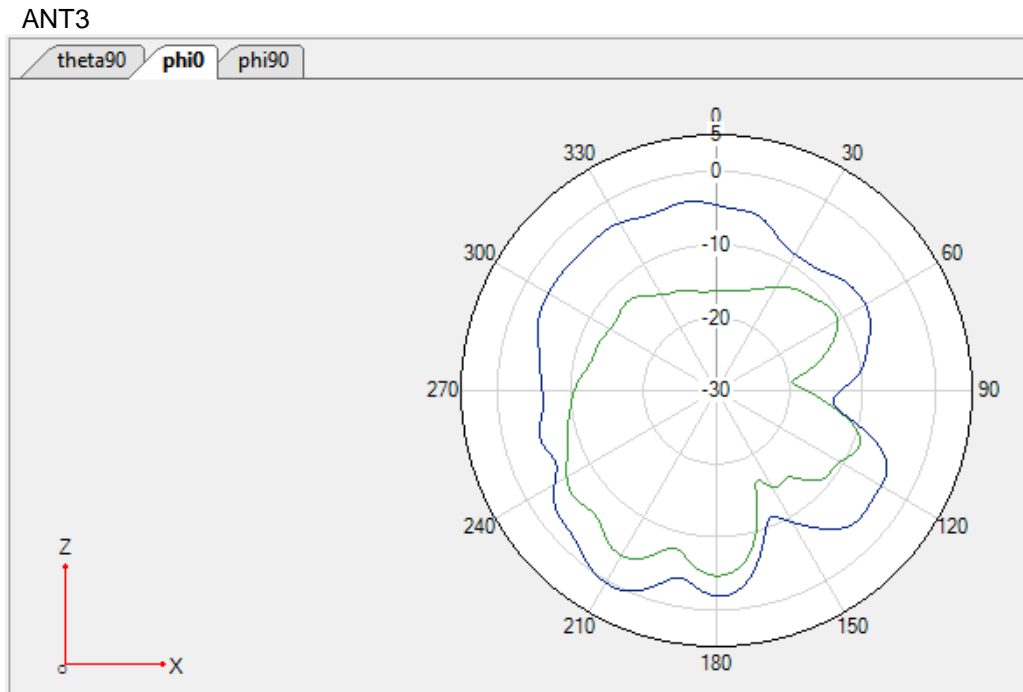


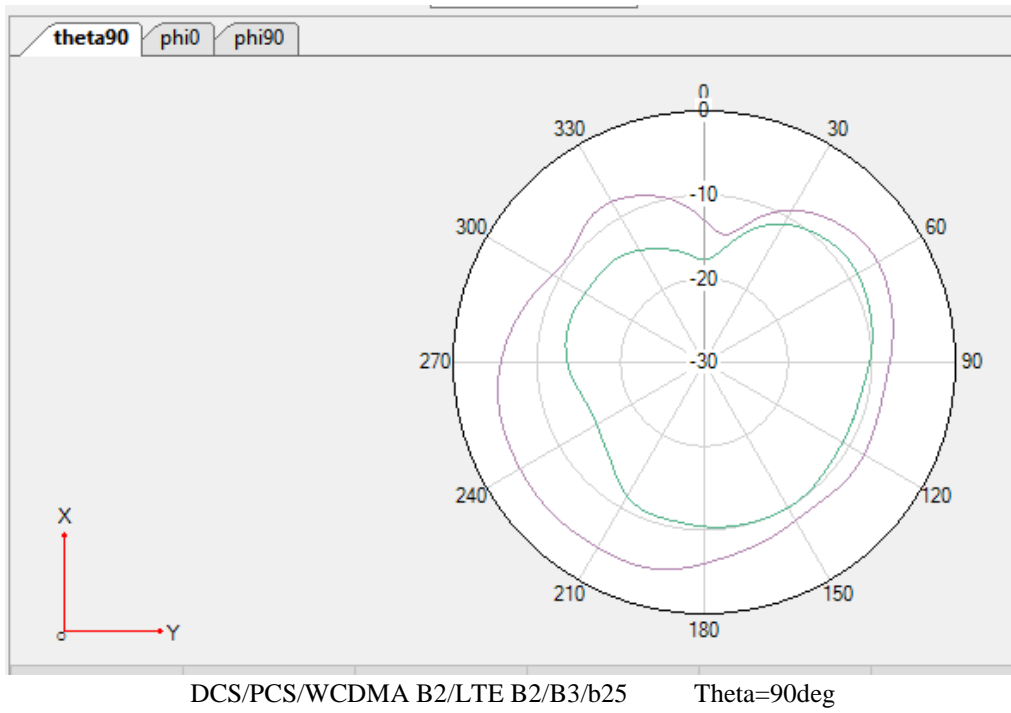
LTE B28B Phi=90deg



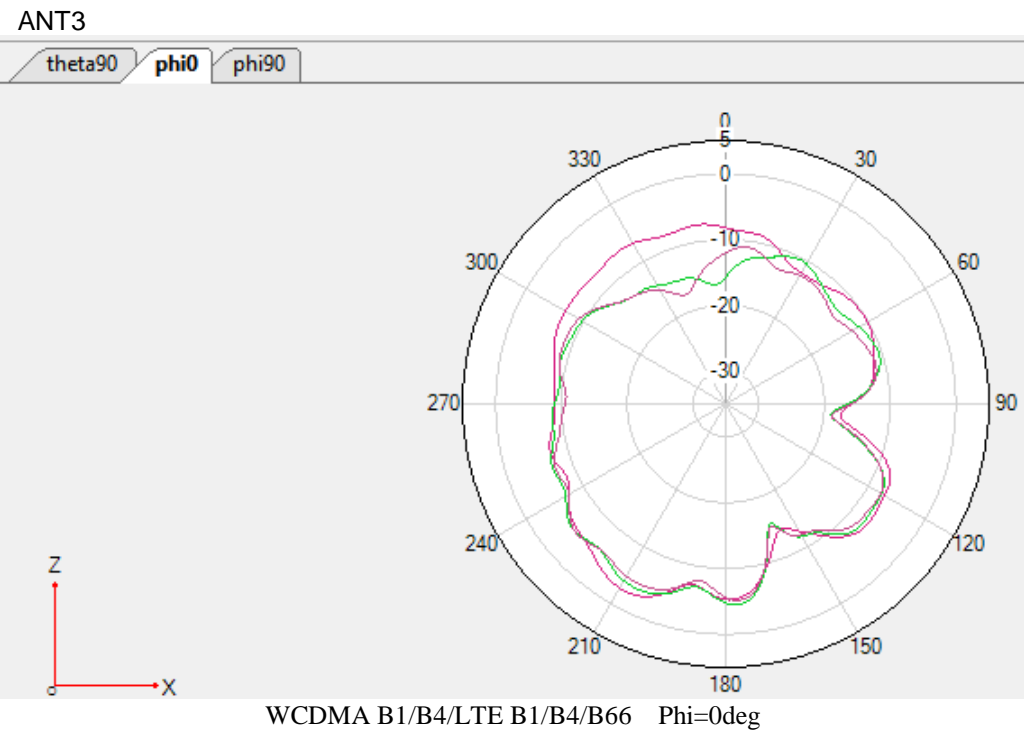
LTE B28B Theta=90deg

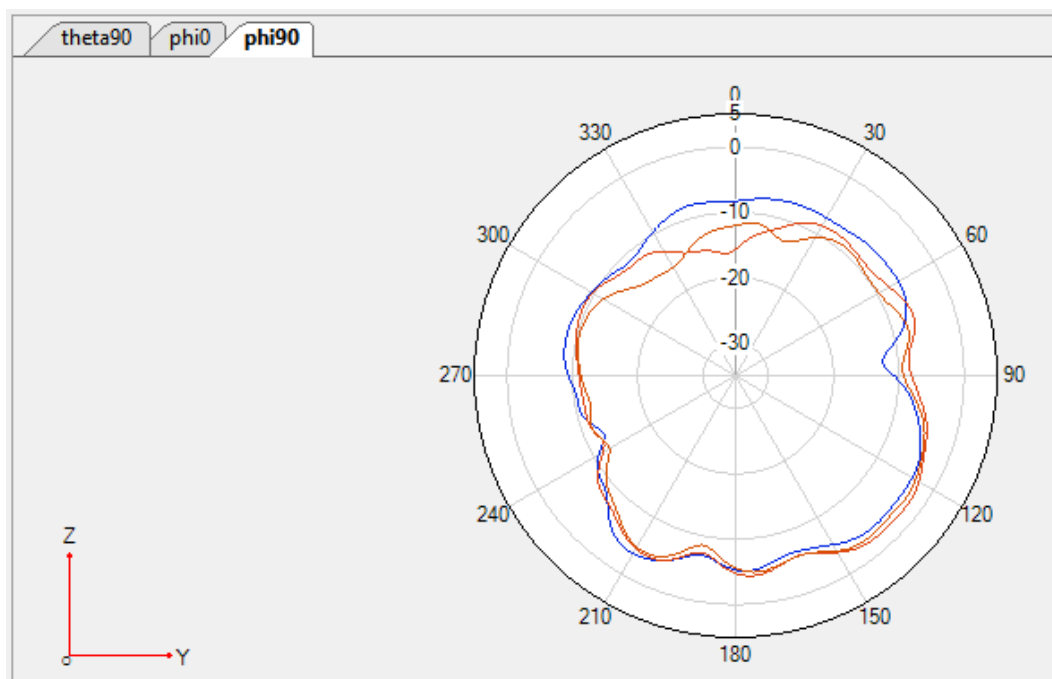
※ Antenna Gain



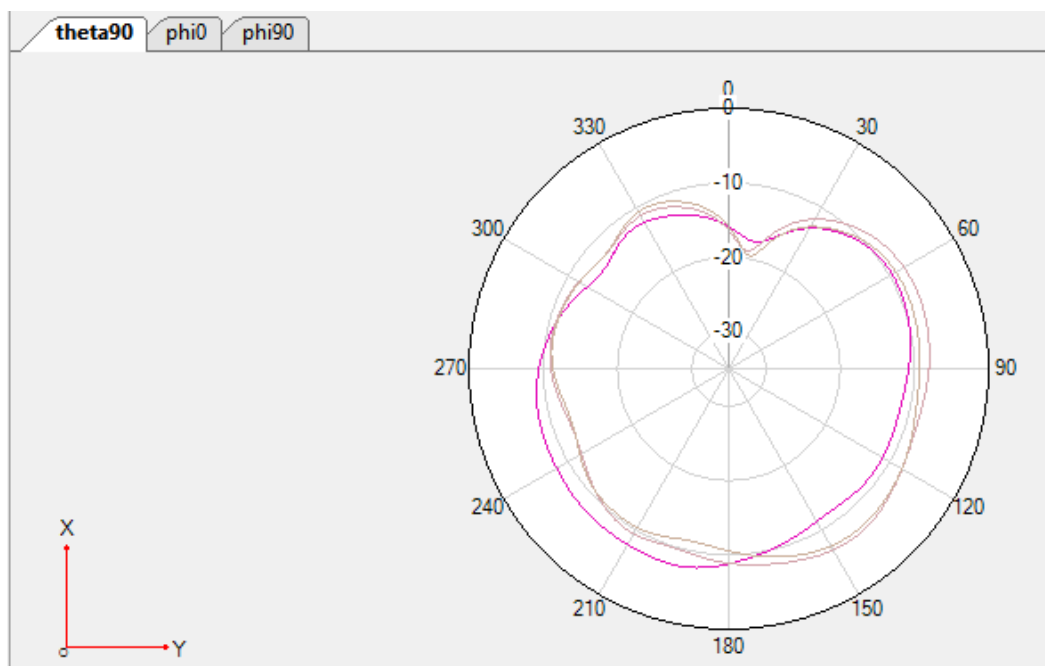


※ Antenna Gain



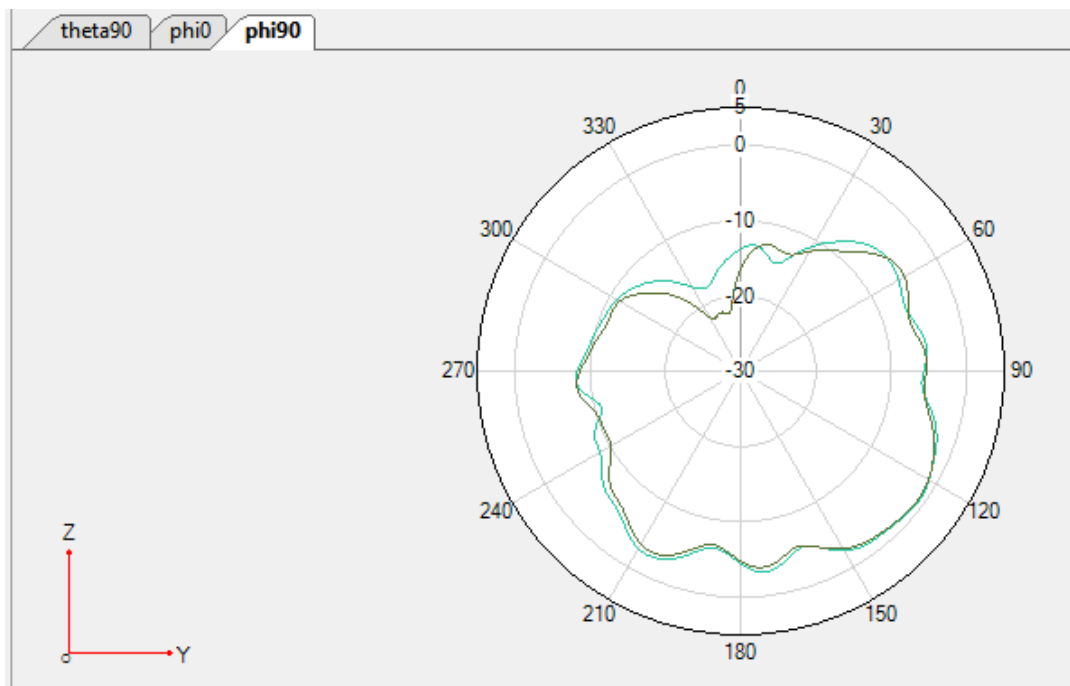
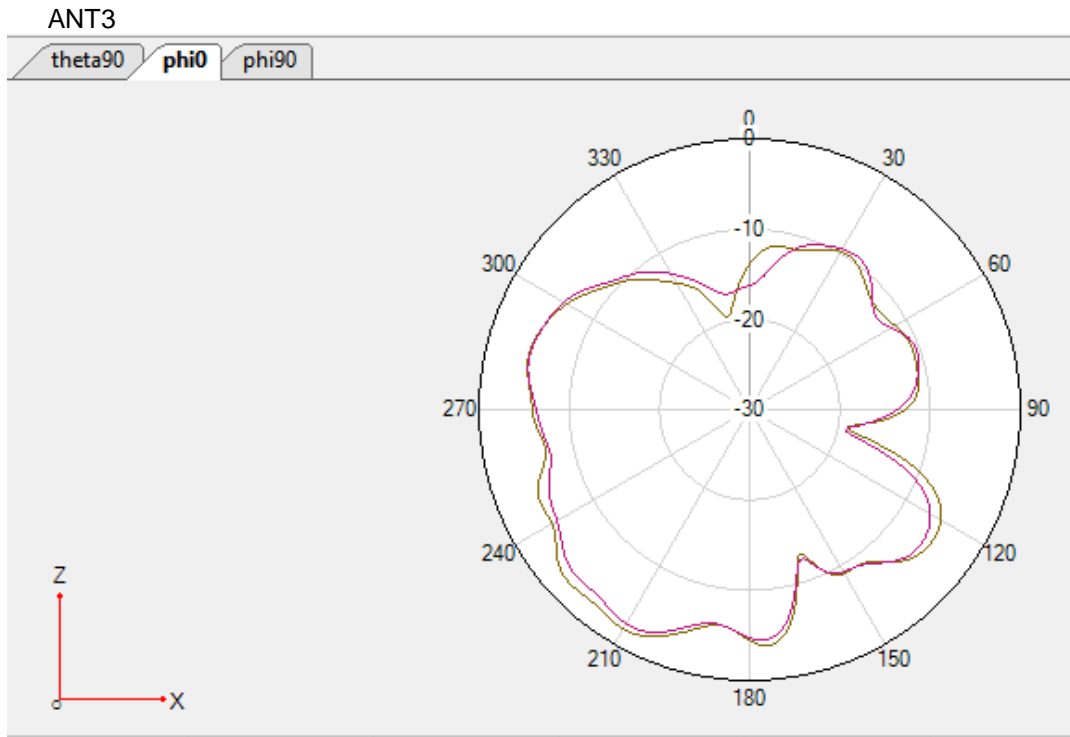


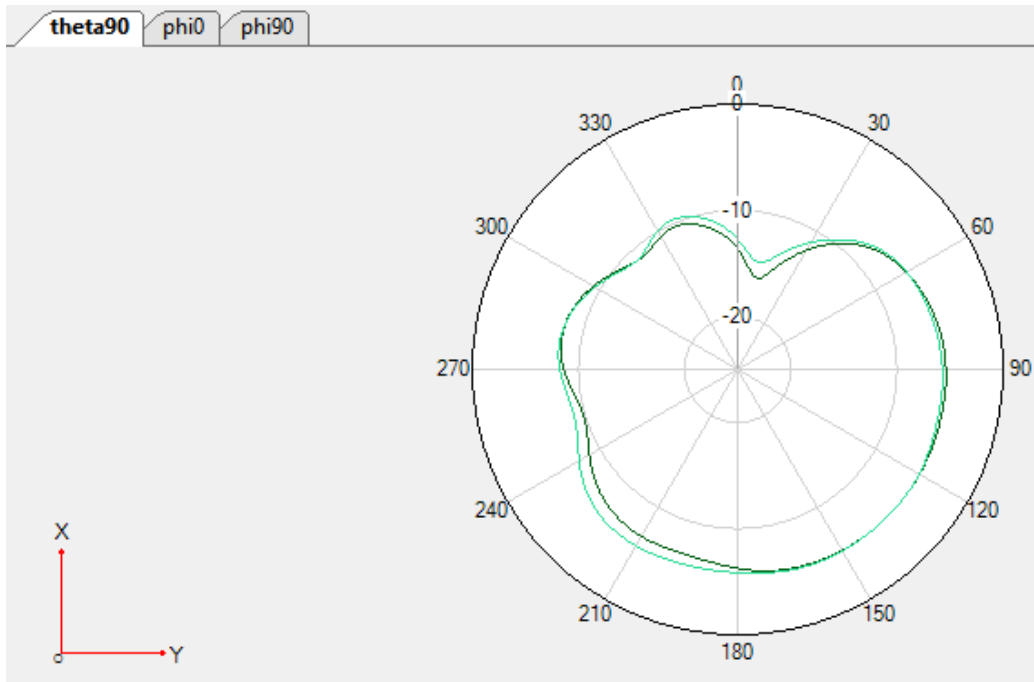
WCDMA B1/B4/LTE B1/B4/B66 Phi=90deg



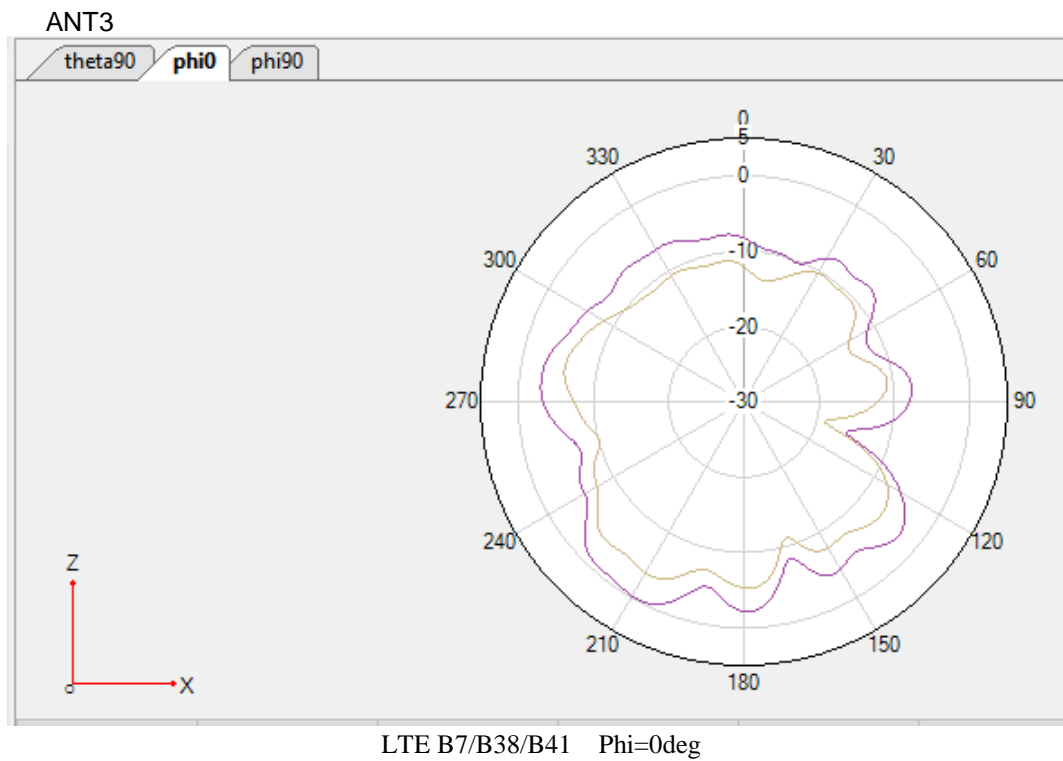
WCDMA B1/B4/LTE B1/B4/B66 Theta=90deg

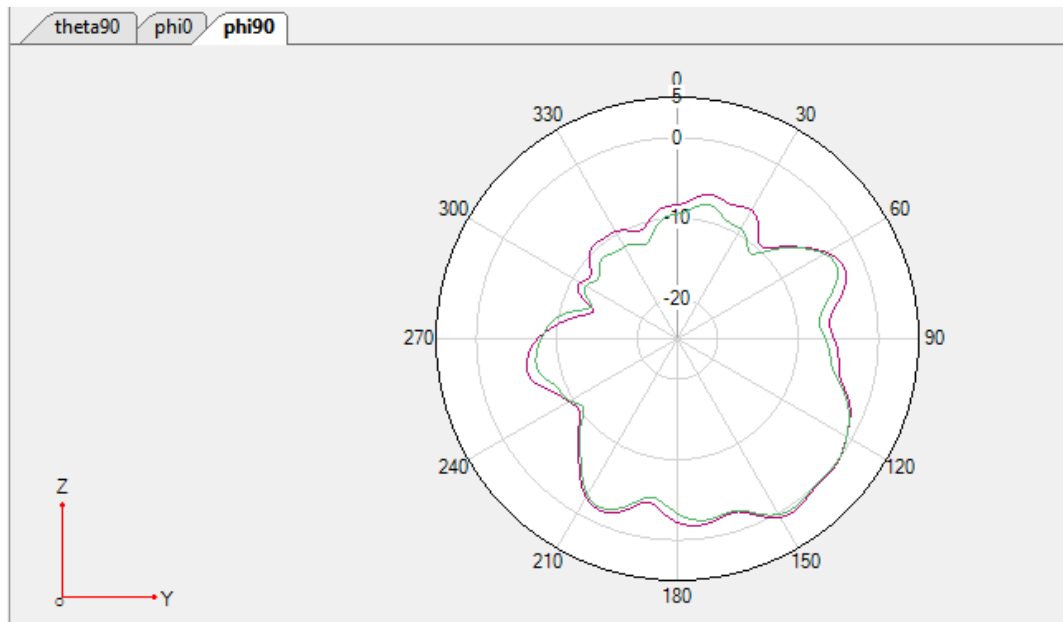
※ Antenna Gain



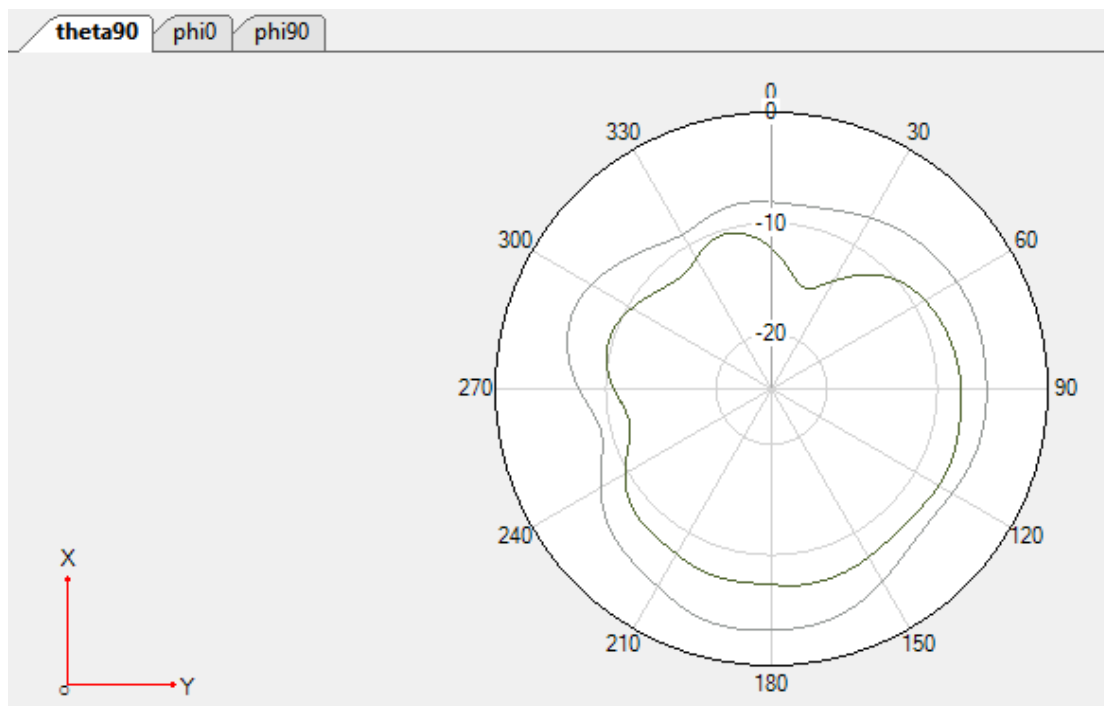


※ Antenna Gain





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



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

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2025/03/25