

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/B41/B42/B66/B71

NR Mode N1/N3/N5/N7/N8/N12/N20/N28/N38/N41/N66/N71/N77/N78

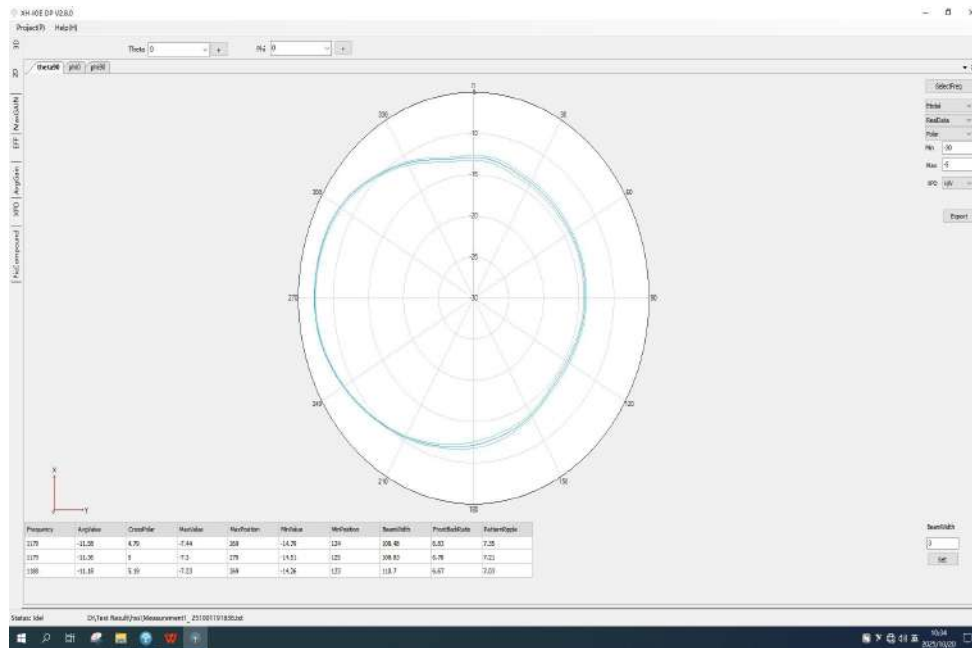
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 NR n5: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8 NR n8: 880 – 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: 1710 – 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1 NR n1: 1920 – 1980MHz
	LTE B7 NR n7:2496-2565MHz
	LTE B71 NR n71:663-698MHz
	LTE B38/B41 NR n38/n41:2565-2645MHz
	LTE B20 NR n20:832-862MHz
	LTE B12/B17/B28 NR n12/n28:710-755MHz
	LTEB42 NR n77/n78:3300-4200MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5 NR n5: 869 – 894 MHz
	GSM 900/WCDMA B8/LTE B8 NR n8: 925 – 960 MHz
	DCS/LTE B3/B66 NR n3/n66: 1805 – 1880 MHz
	WCDMA 4/LTE B4 NR n4: 2110-2155 MHz
	PCS/WCDMA B2/LTE B2:1930-1990MHz
	WCDMA B1/LTE B1 NR n1: 2110 – 2170MHz
	LTE B7 NR n7:2620-2690MHz

		LTE B71 NR n71:617-652MHZ
		LTE B38/41 NR n38/n41:2565-2645MHz
		LTE B20 NR n20:791-821MHz
		LTE B12/B17/B28 NR n12/n28:758-803MHz
		LTEB42 NR n77/n78:3300-4200MHz
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5 /B7/B8/B17/B20/B28/B38/B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain	ANT0(GPS L5)	GPS (L5) :-3.98dbi
	ANT1(MB DRX2)	LTE B3 /NR n3:-4.96dbi
		LTE B2 :-4.7dbi
		LTE B1/4 /66 NR n1/66:-7.15dbi
	ANT2(LB PRX+HB DRX2)	GSM 850/WCDMA B5/LTE B5 NR n5:-5.79dbi
		GSM 900/WCDMA B8/LTE B8 NR n8:-6.81dbi
		LTE B20 NR n20:-8.3dbi
		LTE B12/B17/B28 NR n12/n28:-5.41dbi
		LTE B7/B38/B41 NR n7/n38/n41: -4.78dbi
		LTE B71 NR n71: -6.56dBi
	ANT3(HMB PRX)	DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66:-3.78dbi
		PCS/WCDMA B2/LTE B2: -3.53dbi
		WCDMA B1/LTE B1 NR n1:-3.53dbi
		LTE B7/B38/B41 NR n7/n38/n41: -3.81dbi
	ANT4(LB DRX+N77/78 DRX2)	GSM 850/WCDMA B5/LTE B5 NR n5:-3.85dbi
		GSM 900/WCDMA B8/LTE B8 NR n8:-4.81dbi
		LTE B20 NR n20:-5.2dbi
		LTE B12/B17/B28 NR n12/n28:-7dbi
		LTE B71 NR n71: -12.49dBi
		LTE B42 NR n77/78:-5.3dbi
	ANT5(MHB DRX)	DCS /LTE B3 NR n3:-8.31dbi
		PCS/WCDMA B2/LTE B2: -9.24dbi
		WCDMA B1/4 LTE B1/4/66 NR n1/66:-5.27dbi
		LTE B7/B38/B41 NR n7/n38/n41: -2.24dbi
	ANT6 (N77/78DRX)	LTE B42 NR n77/78:-3.24dbi
	ANT7(ENDC MHB TRX)	LTE B3/B4/B66 NR n3/n66:-10.1dbi
		LTE B2: -9.79dbi

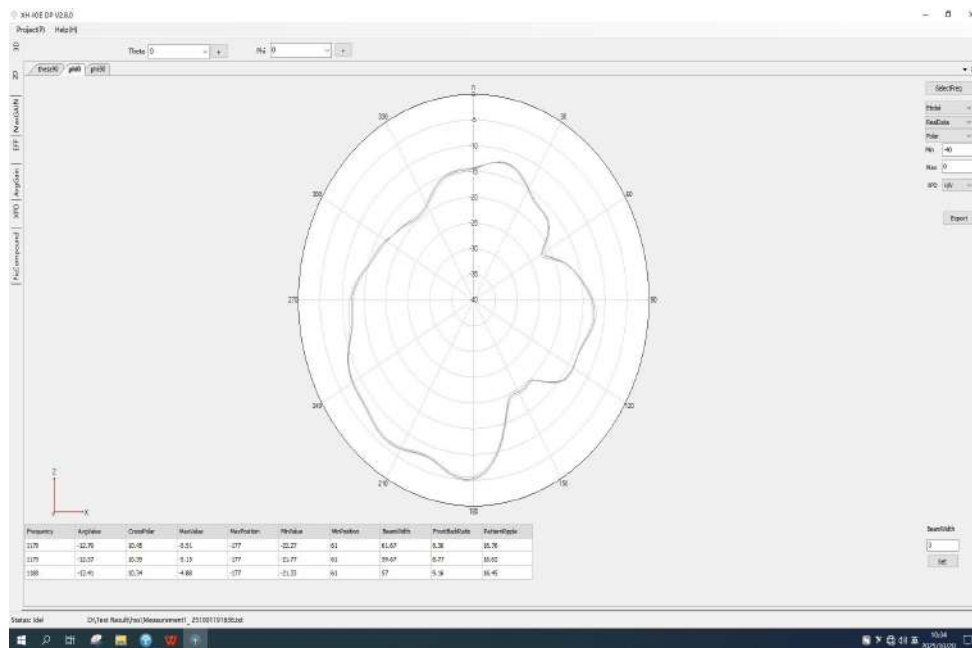
		LTE B1 NR n1:-5.81dbi
		LTE B7/B38/B41 NR n7/n38/n41: -3.55dbi
	ANT8(N77/78 PRX)	LTE B42 NR n77/78:-3.81dbi
	ANT12(WIFI2.4/5GMIMO 1)	WIFI 2.4G:-3.84dbi 5G: -2.04dbi
	ANT13(WIFI2.4/5GMIMO 0)	BT/WIFI 2.4G:-0.34dbi 5G: -3.21dbi
	AN14(GPS L1+N77/78 PRX2+卫通 L)	GPS (L1) :-2.25dbi
		LTE B42 NR n77/78:-4.56dbi
		Satellite Lband: -2.57dbi
Type of Modulation		

※ Antenna Gain

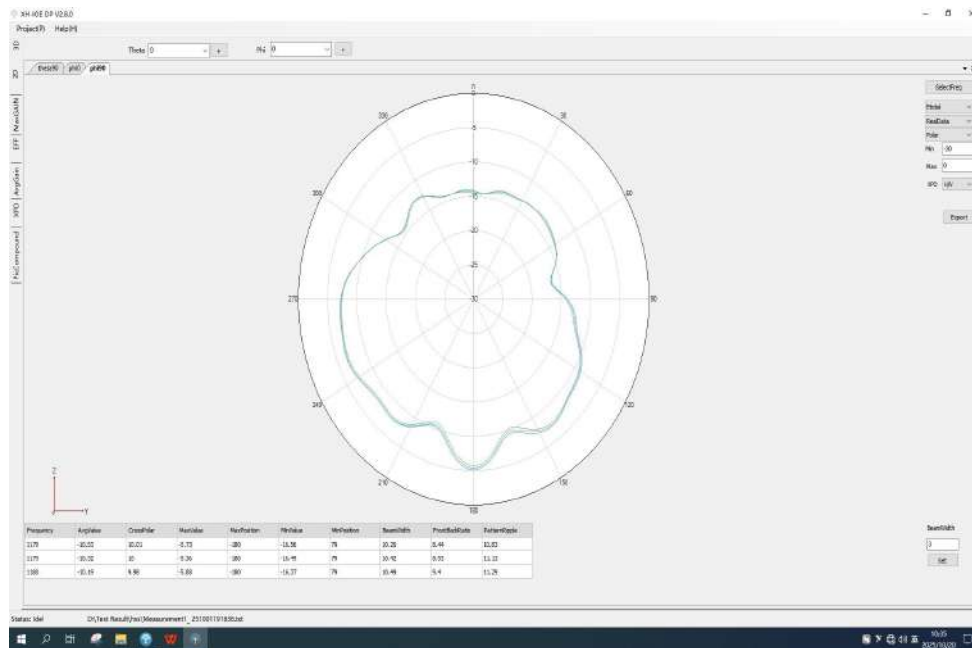
ANT0 GPS L5



GPS L5 Theta=90deg

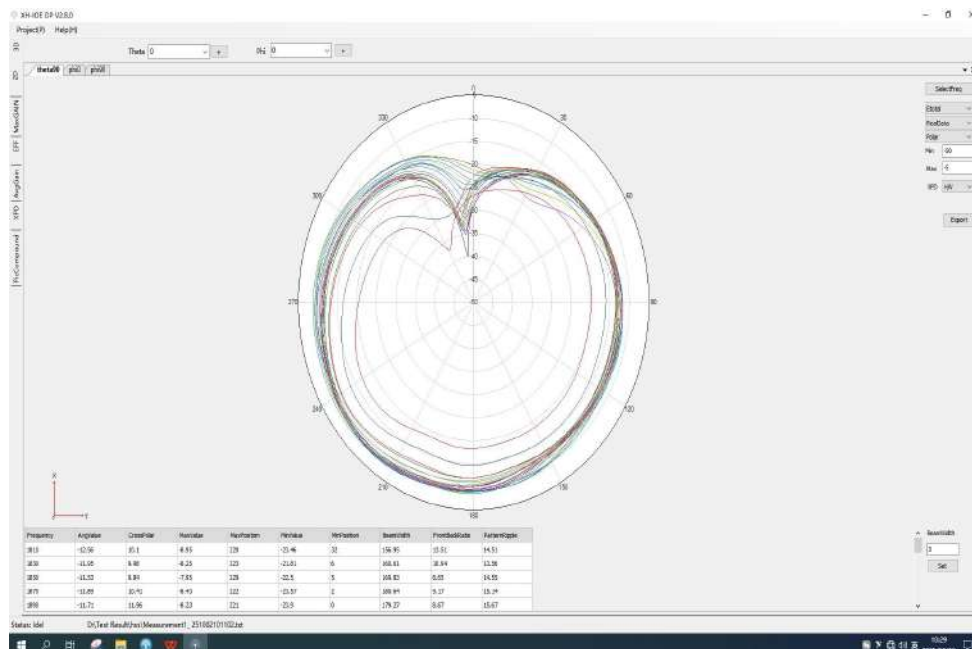


GPS L5 Phi=0deg

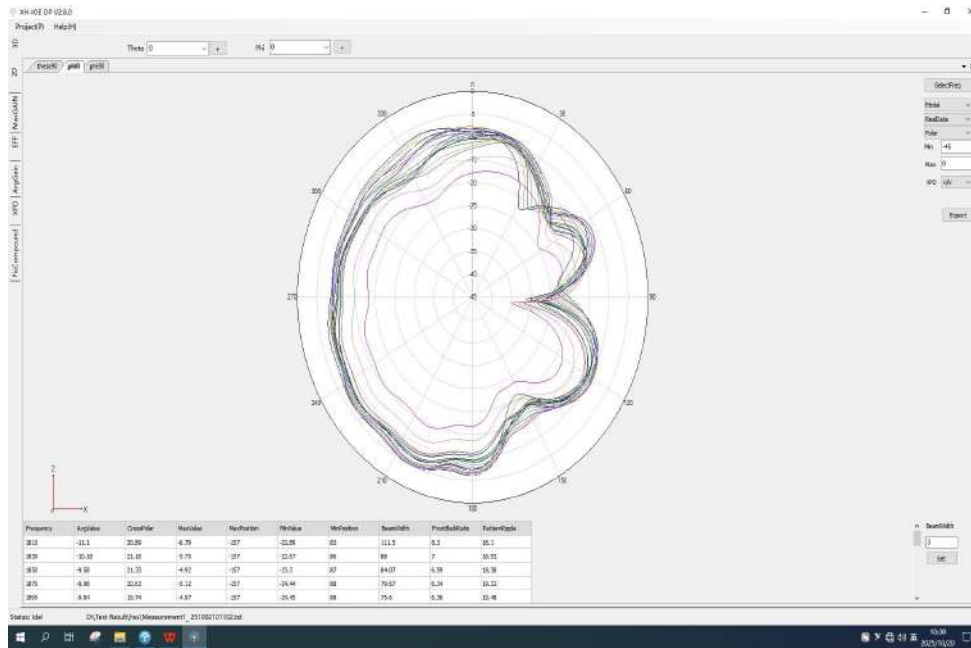


GPS L5 Phi=90deg

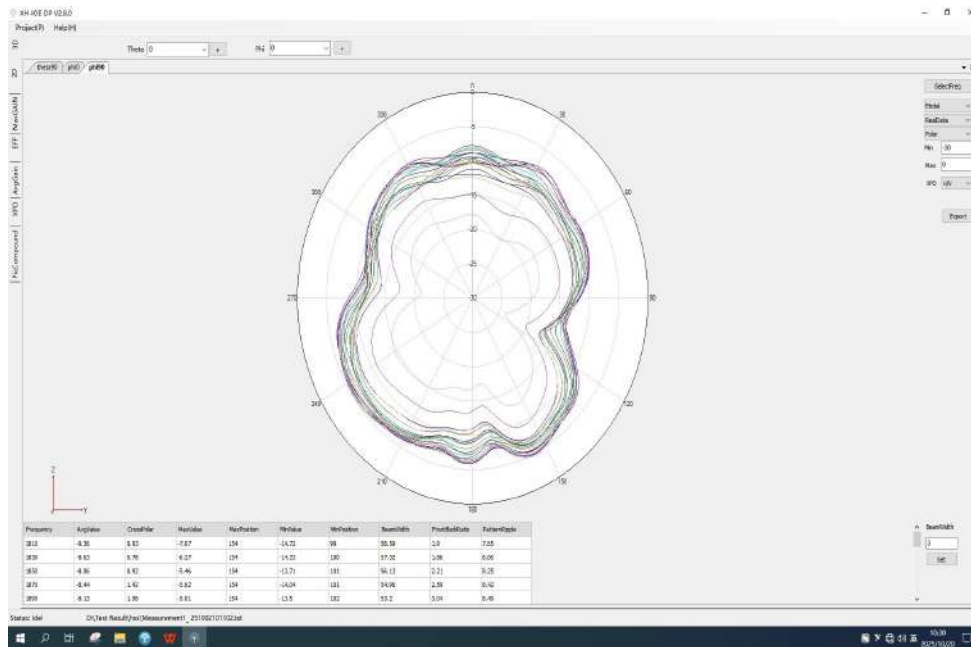
ANT1 MB DRX2



MB DRX2 Theta=90deg

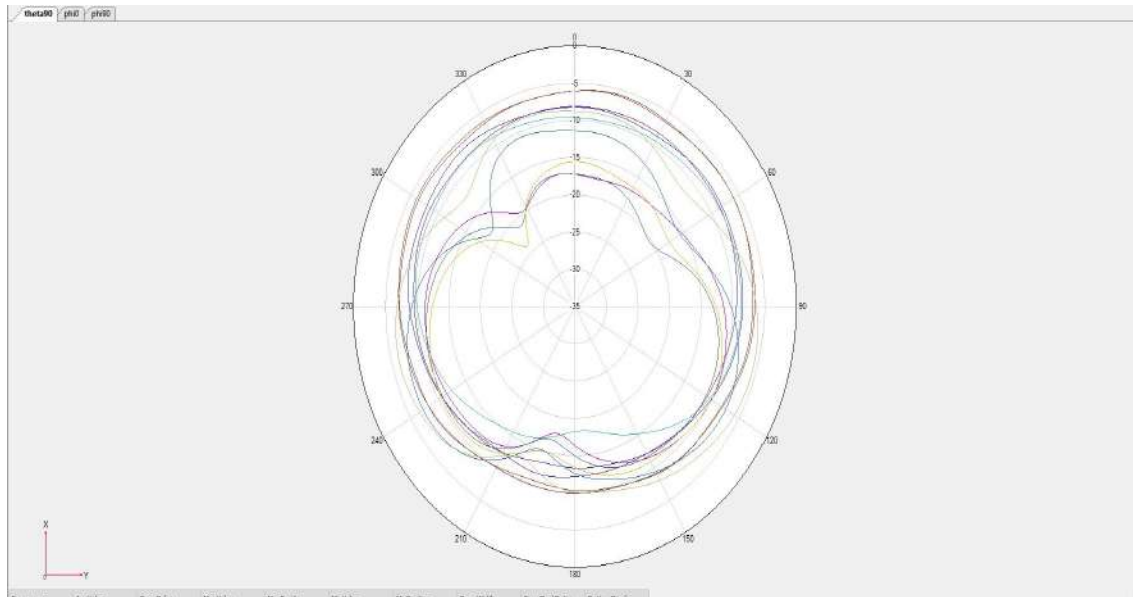


MB DRX2 Phi=0deg

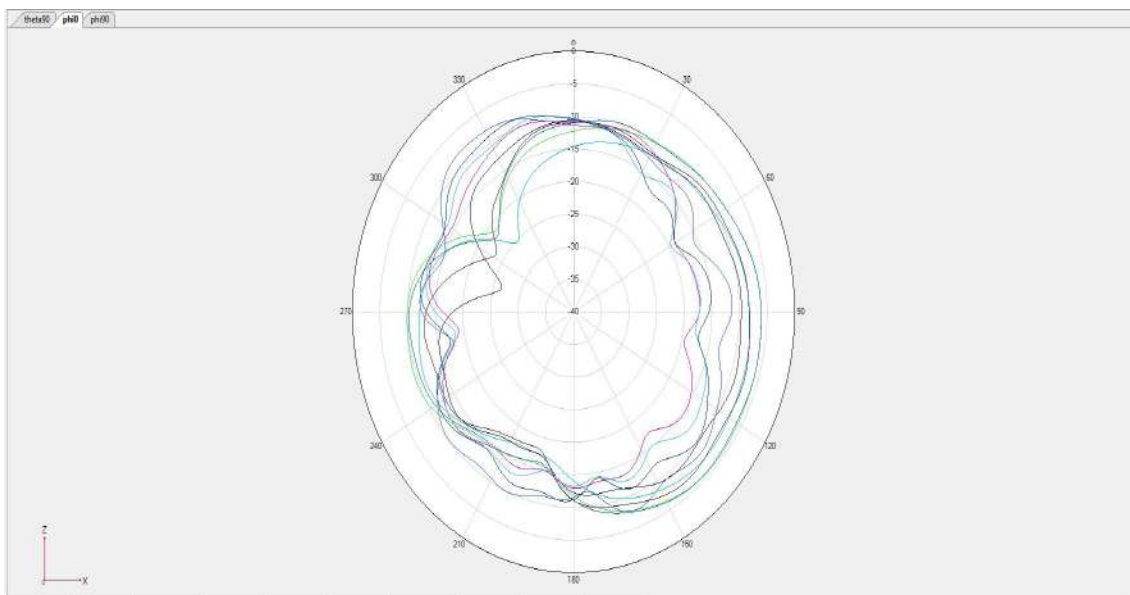


MB DRX2 Phi=90deg

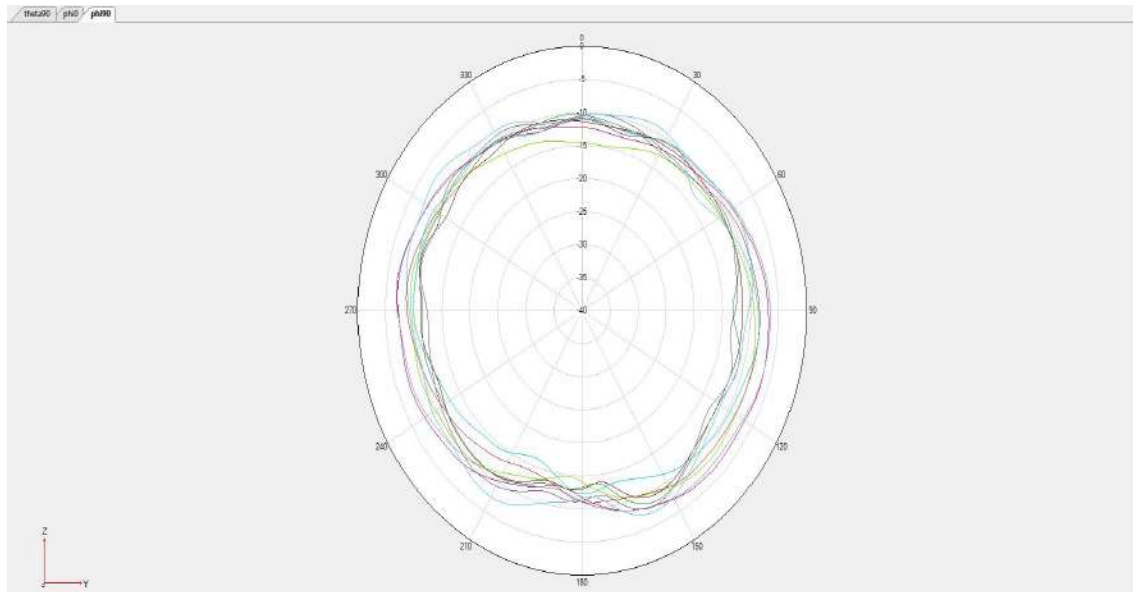
ANT2 LB PRX+HBDRX2



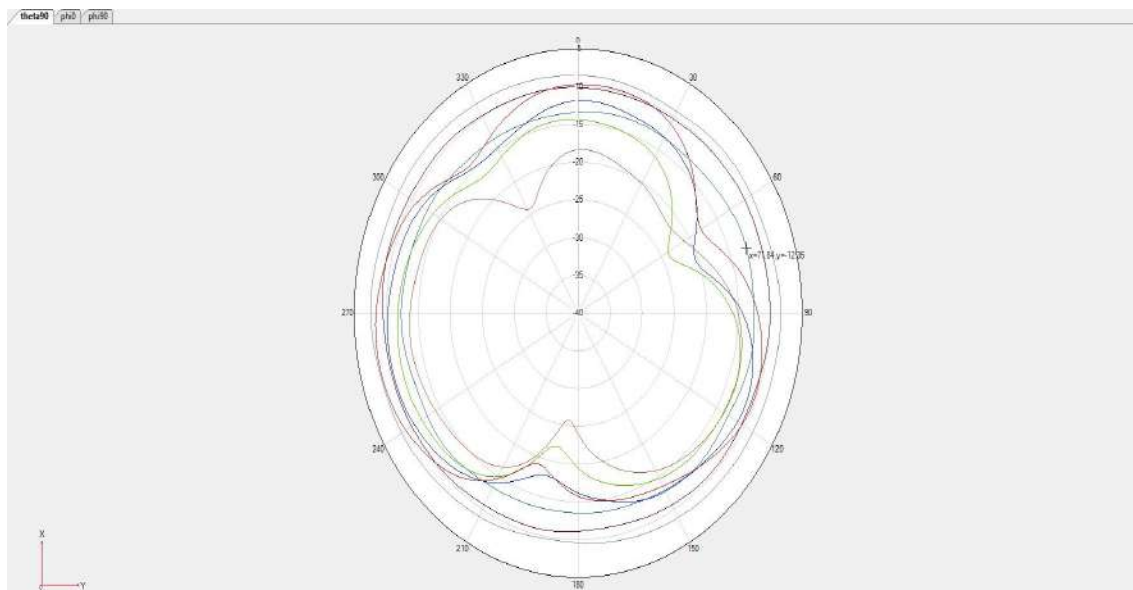
GSM 850/GSM900/WCDMA B5/B8/LTE B5/B8 NR N5/N8 Theta=90deg



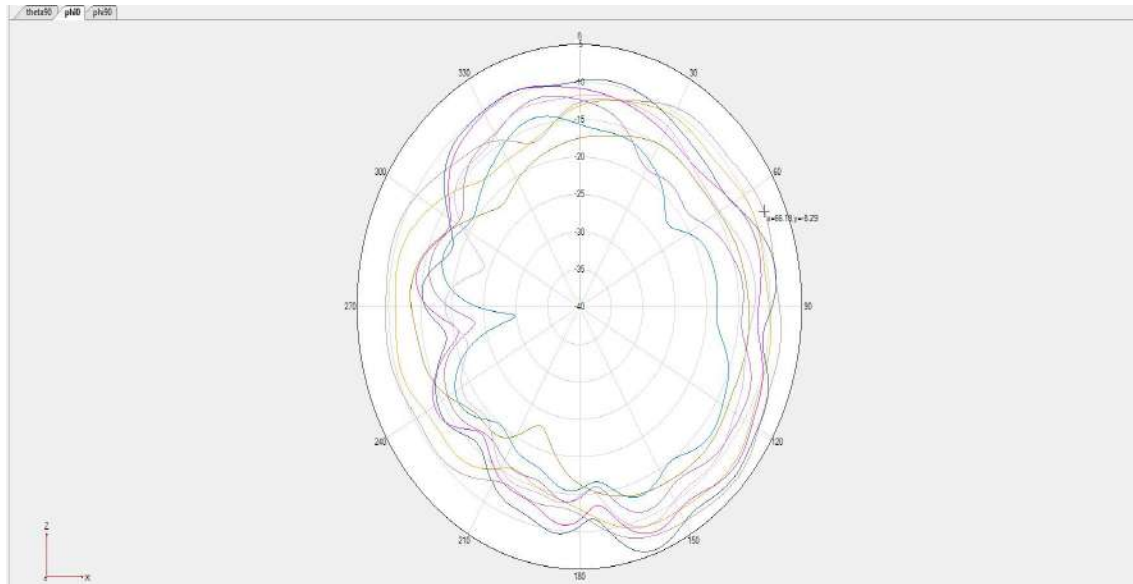
GSM 850/GSM900/WCDMA B5/B8/LTE B5/B8 NR N5/N8 Phi=0deg



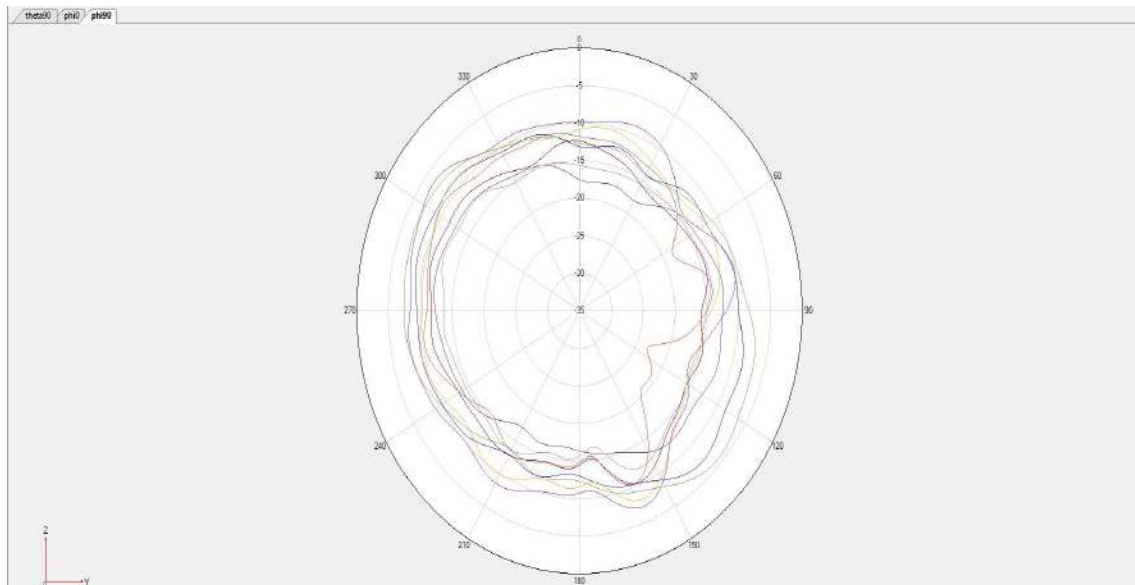
GSM 850/GSM900/WCDMA B5/B8/LTE B5/B8 NR N5/N8 $\Phi=90^\circ$



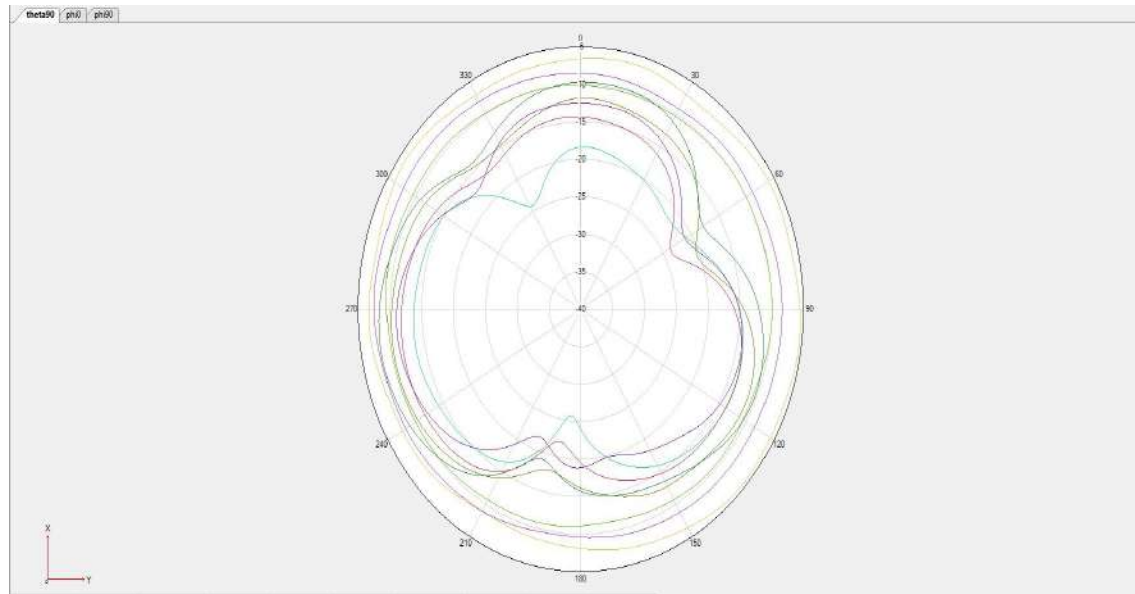
LTE B20 NR n20 $\Theta=90^\circ$



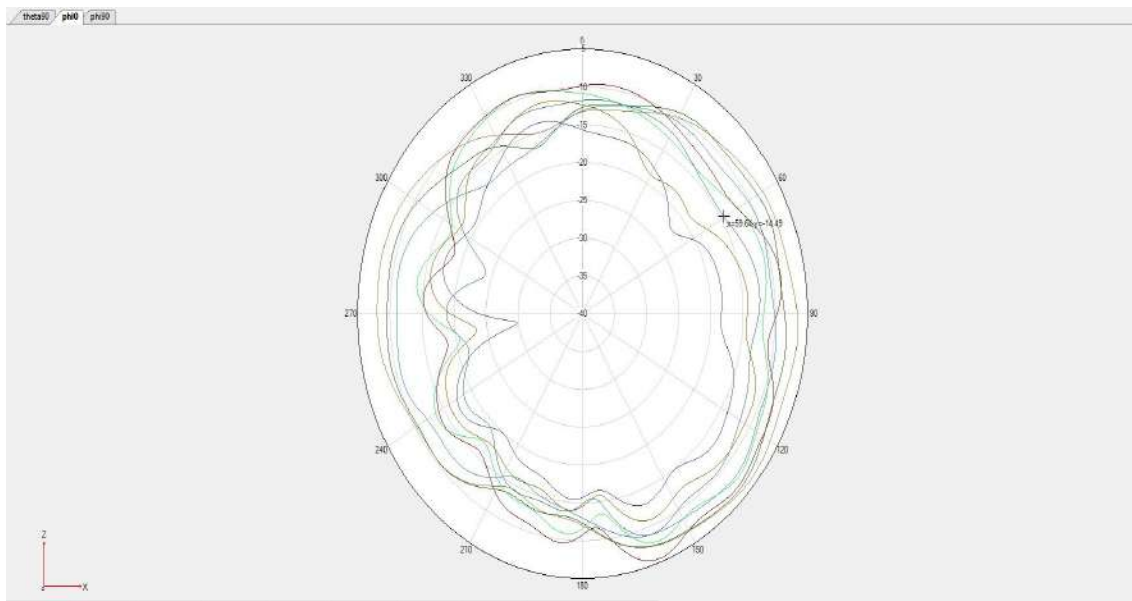
LTE B20 NR n20 $\Phi=0^\circ$



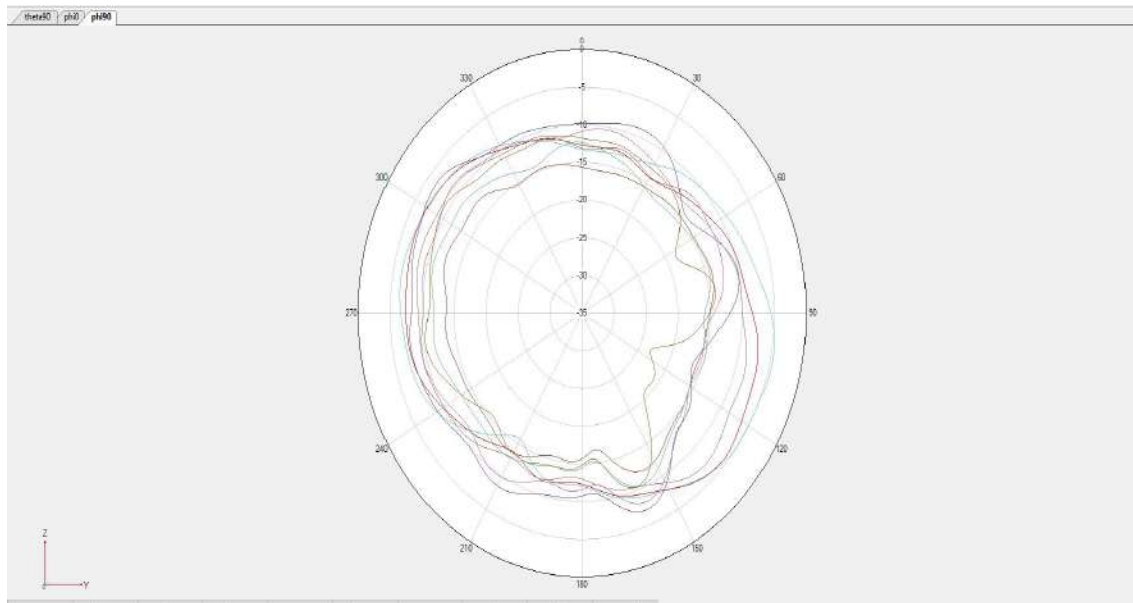
LTE B20 NR n20 $\Phi=90^\circ$



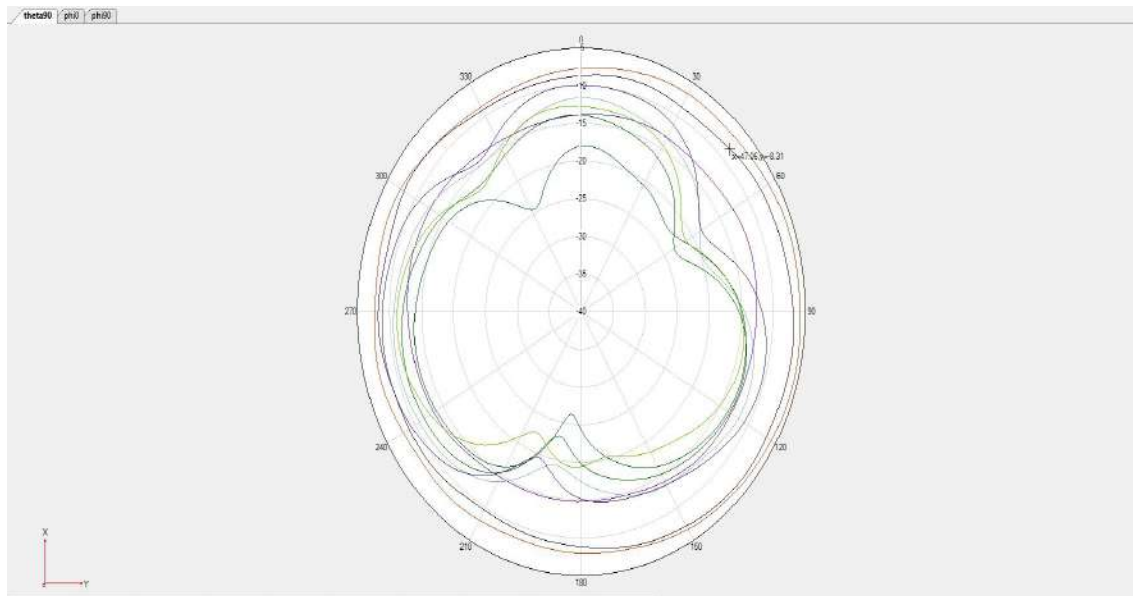
LTE B12/B17/B28 NR n12/n28 Theta=90deg



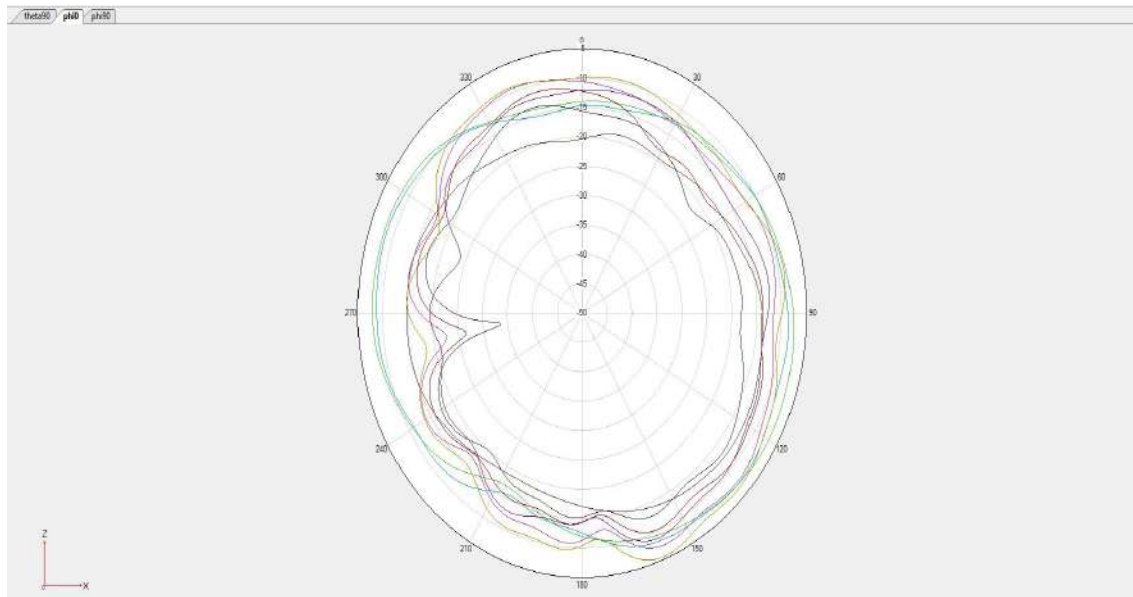
LTE B12/B17/B28 NR n12/n28 Phi=0deg



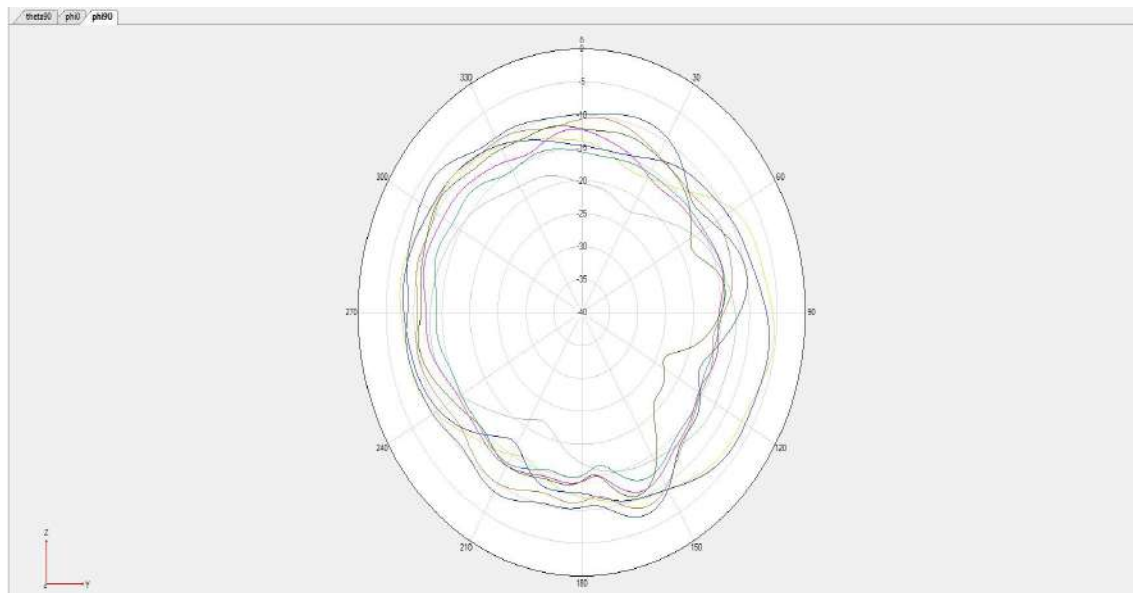
LTE B12/B17/B28 NR n12/n28 Phi=90deg



LTE B71 NR n71 Theta=90deg

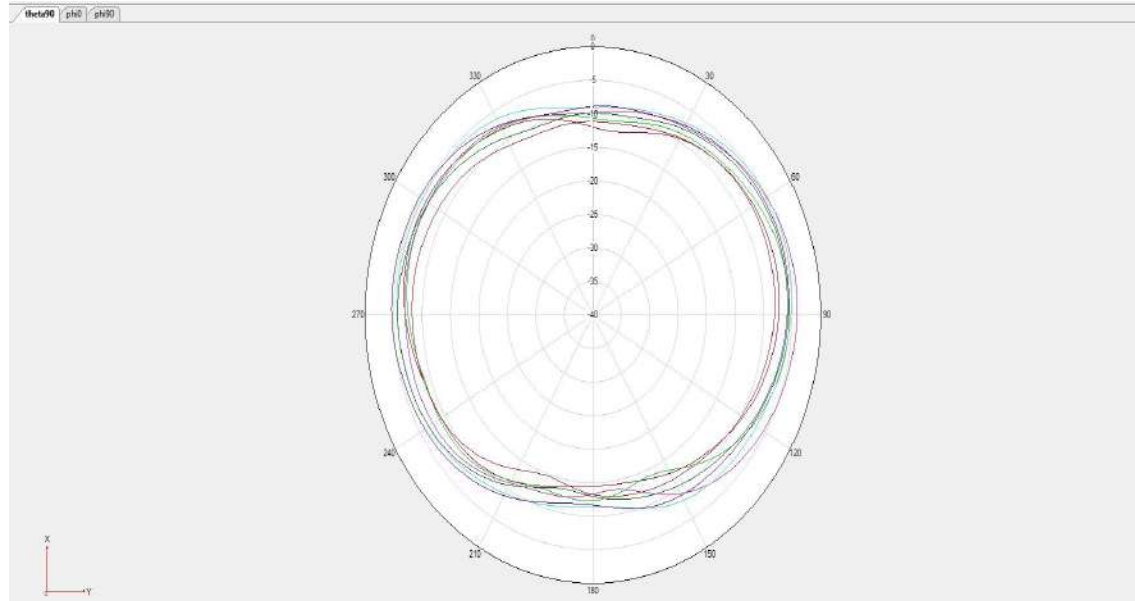


LTE B71 NR n71 $\Phi = 0^\circ$

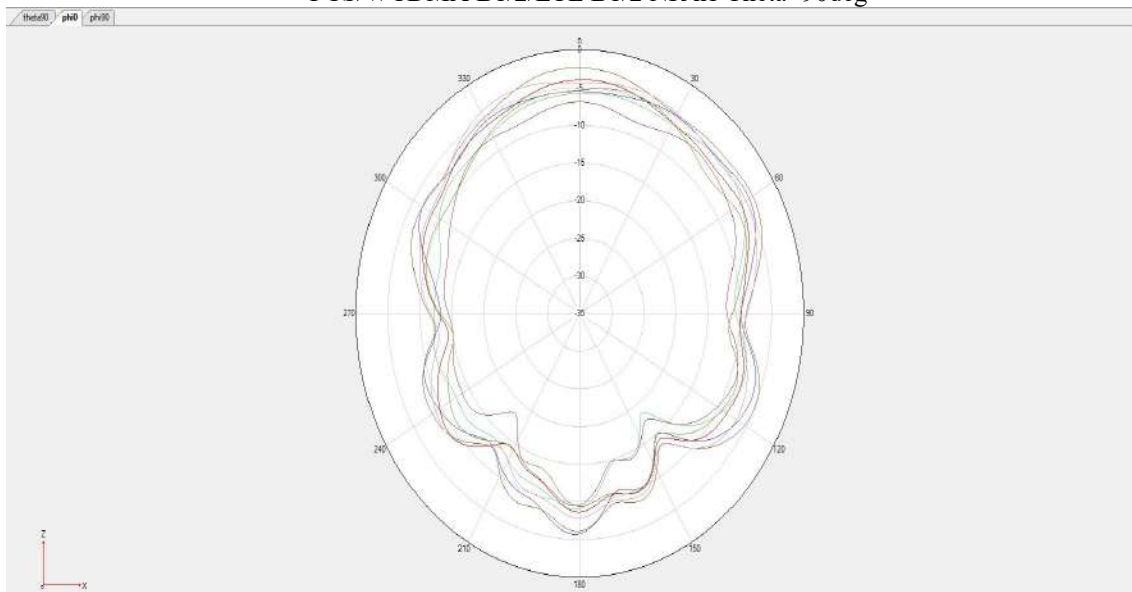


LTE B71 NR n71 $\Phi = 90^\circ$

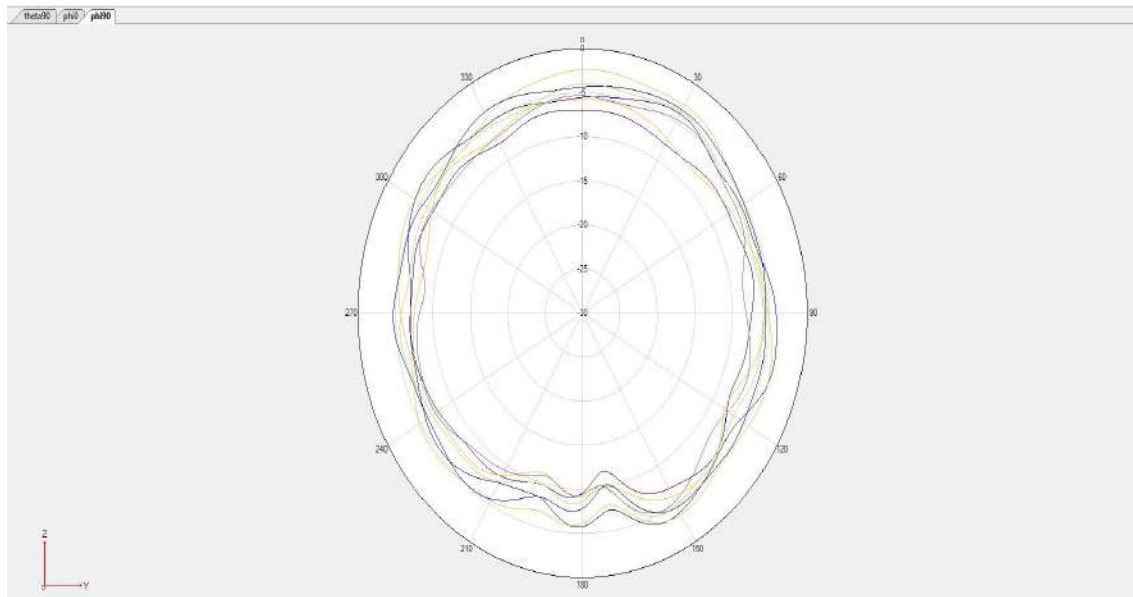
ANT3 HM PRX



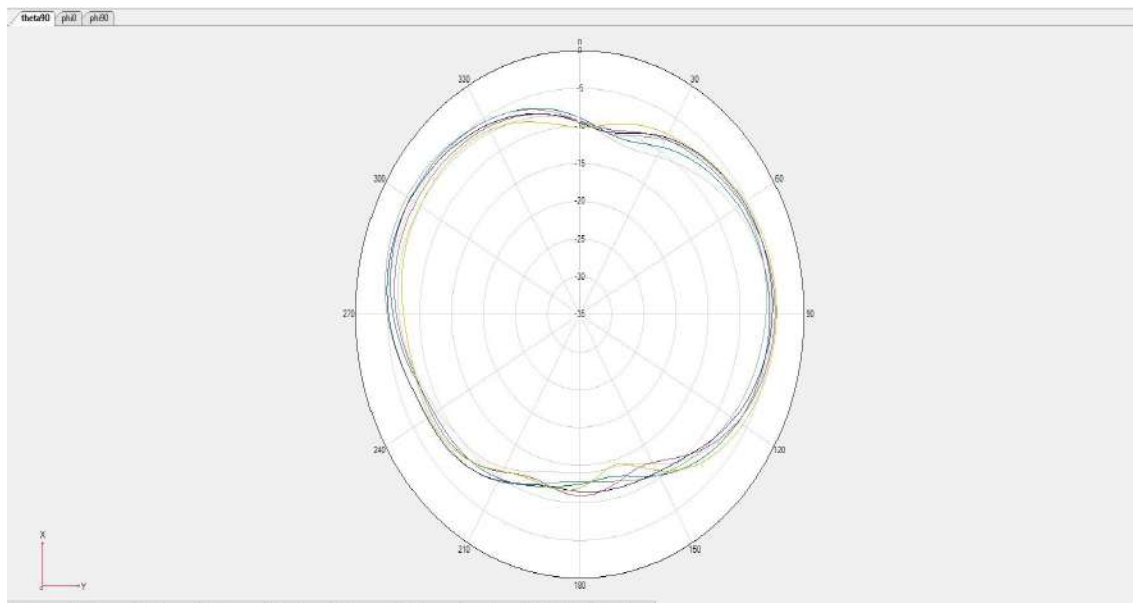
PCS/WCDMA B1/2/LTE B1/2 NR n1 Theta=90deg



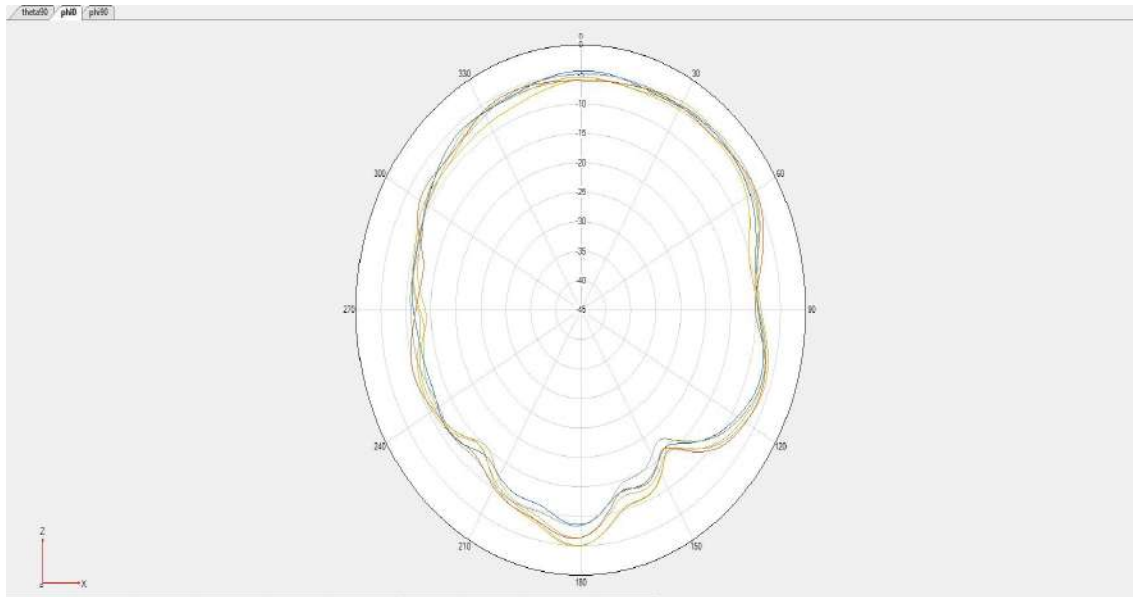
PCS/WCDMA B1/2/LTE B1/2 NR n1 Phi=0deg



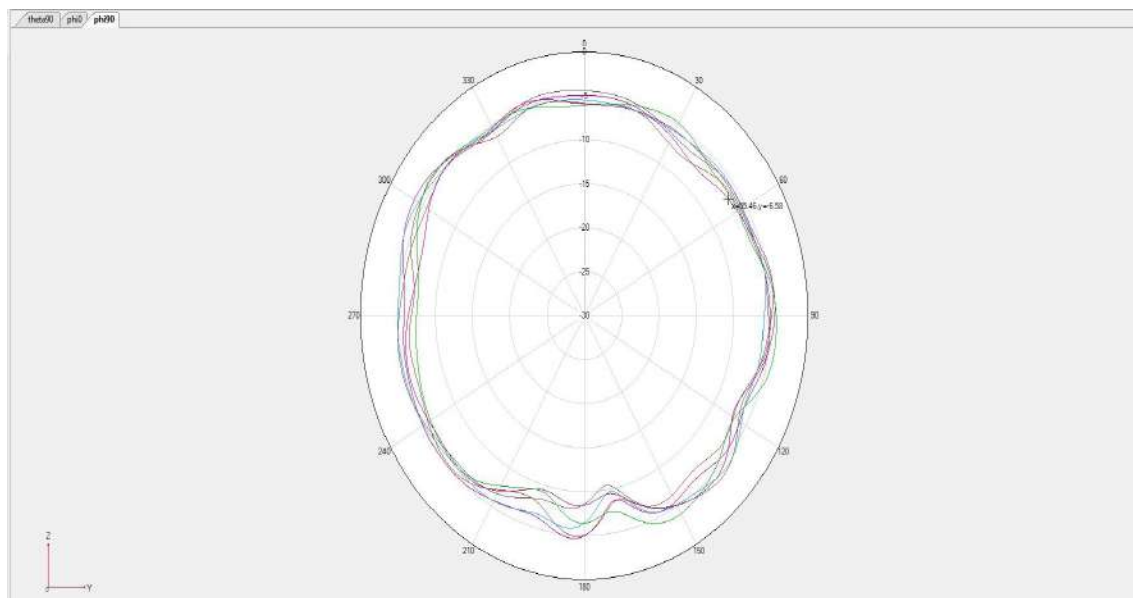
PCS/WCDMA B1/2/LTE B1/2 NR n1 Phi=90deg



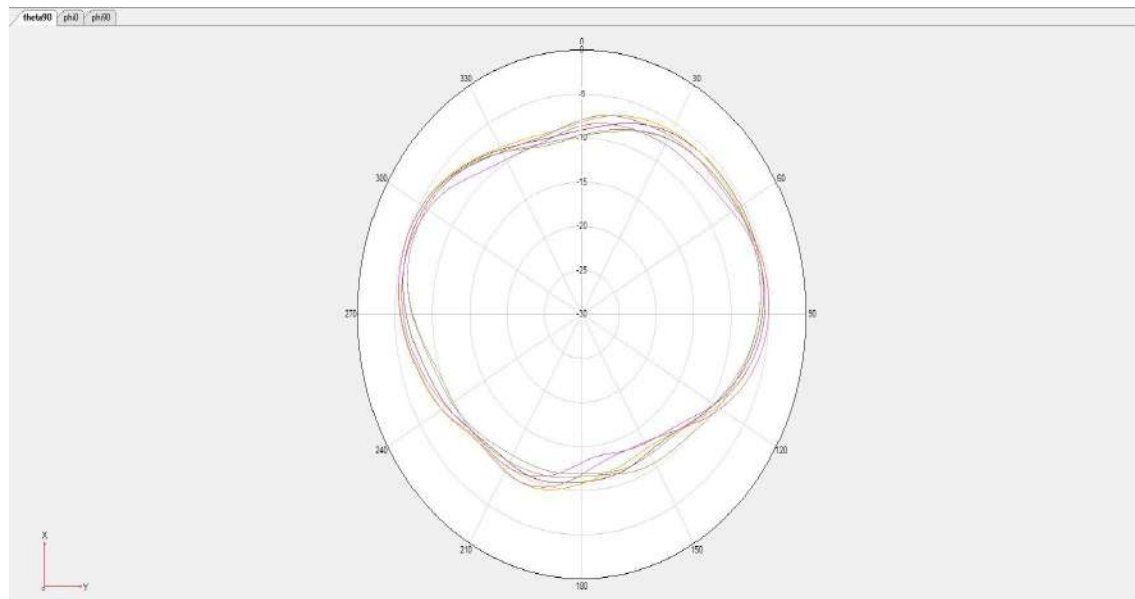
DCS/WCDMA B4/LTE B3/B4/B66 NR n3/n66 Theta=90deg



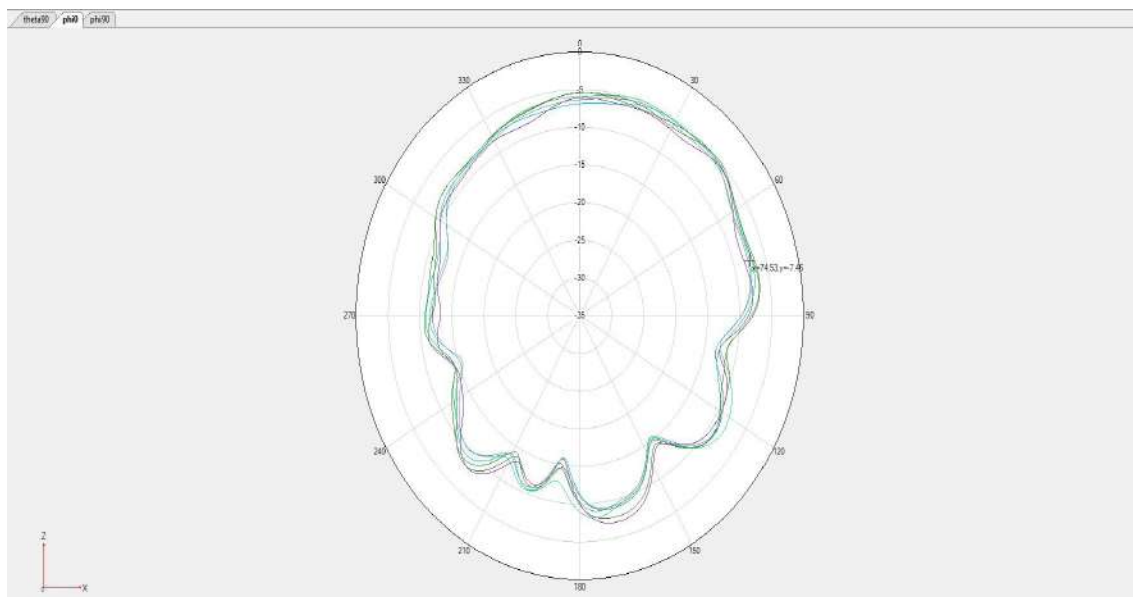
DCS/WCDMA B4/LTE B3/B4/B66 NR n3/n66 Phi=0deg



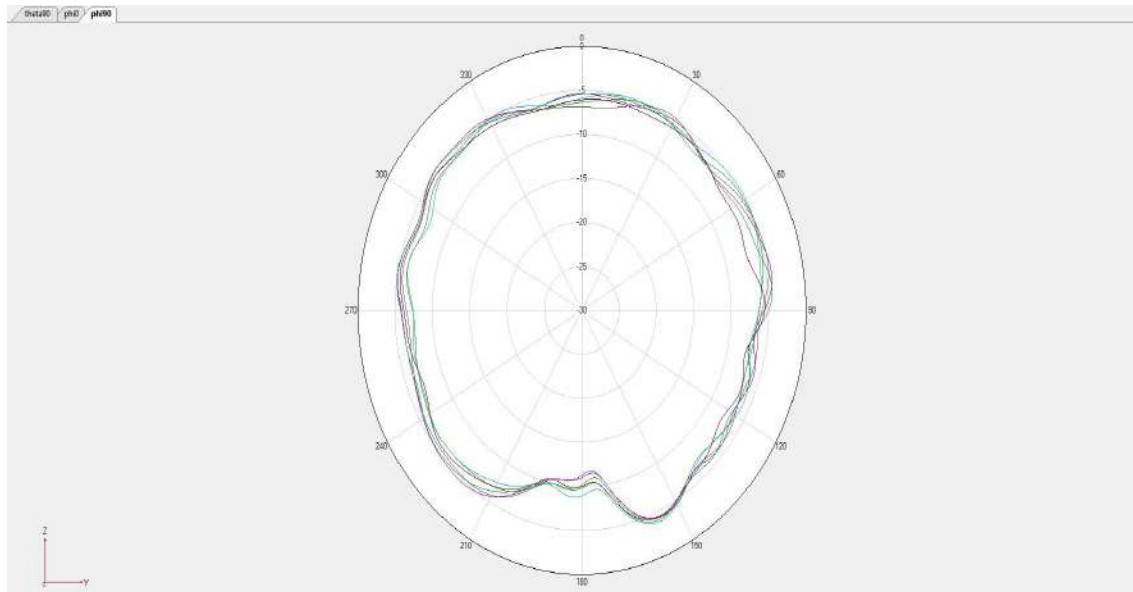
DCS/WCDMA B4/LTE B3/B4/B66 NR n3/n66 Phi=90deg



LTE B7/B38/B41 NR n7/n38/n41 Theta=90deg

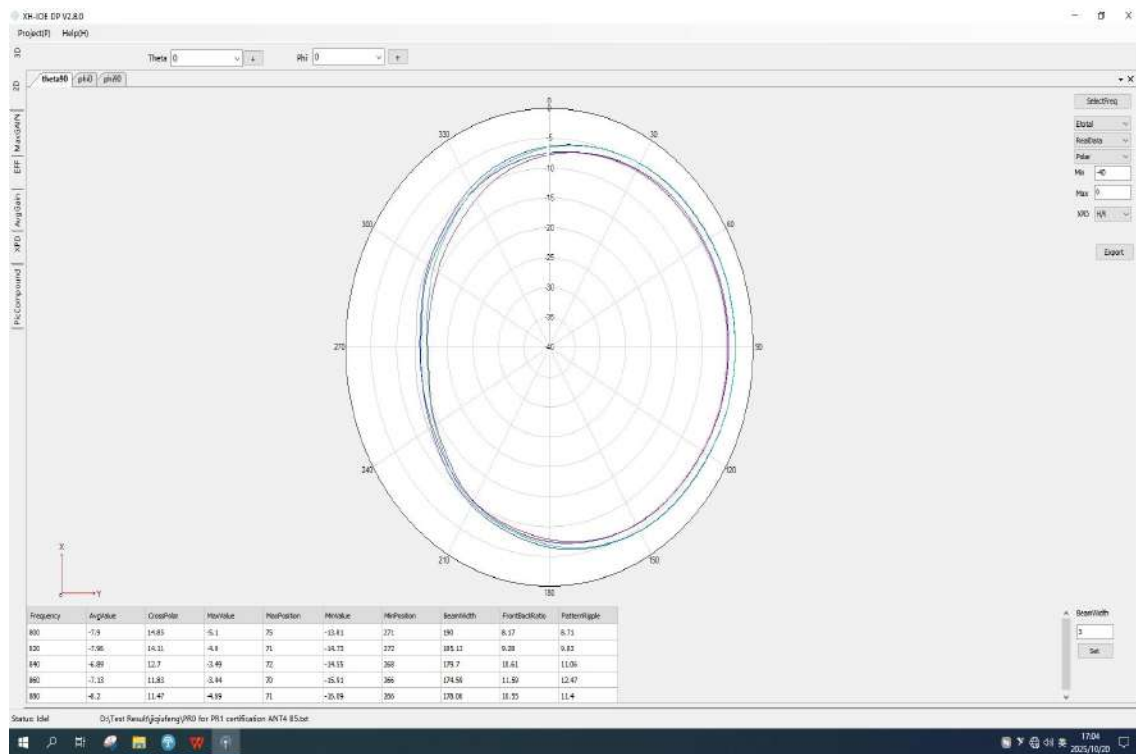


LTE B7/B38/B41 NR n7/n38/n41 Phi=0deg

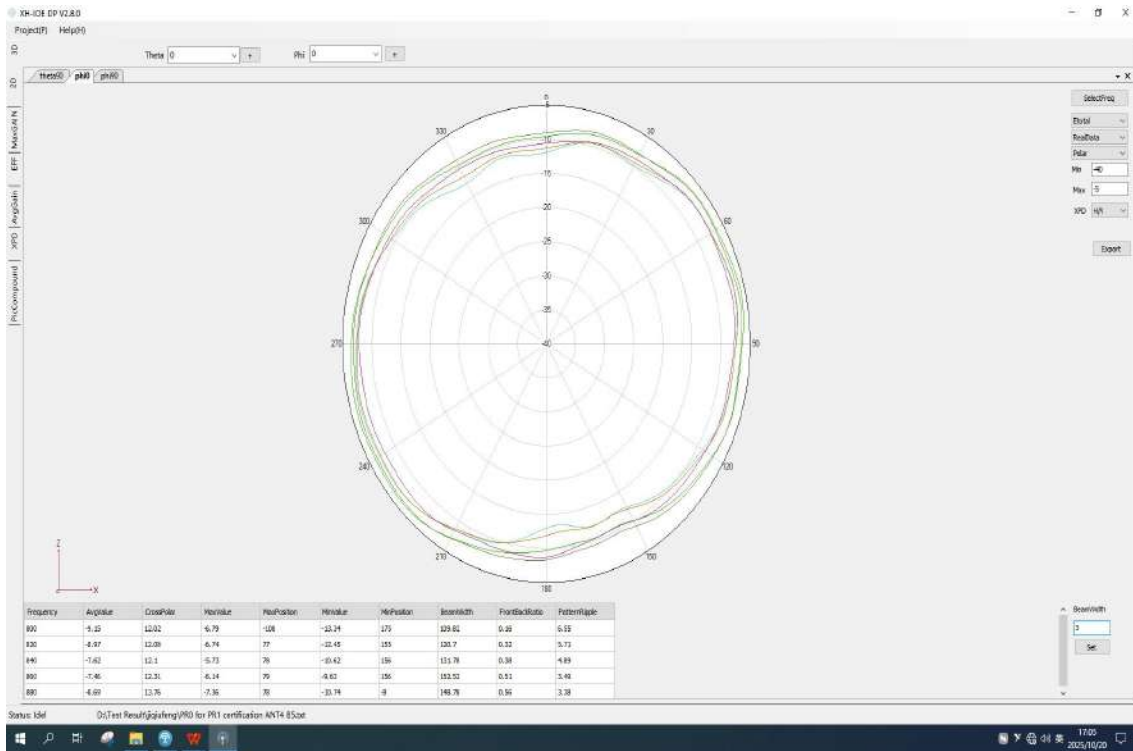


LTE B7/B38/B41 NR n7/n38/n41 Phi=90deg

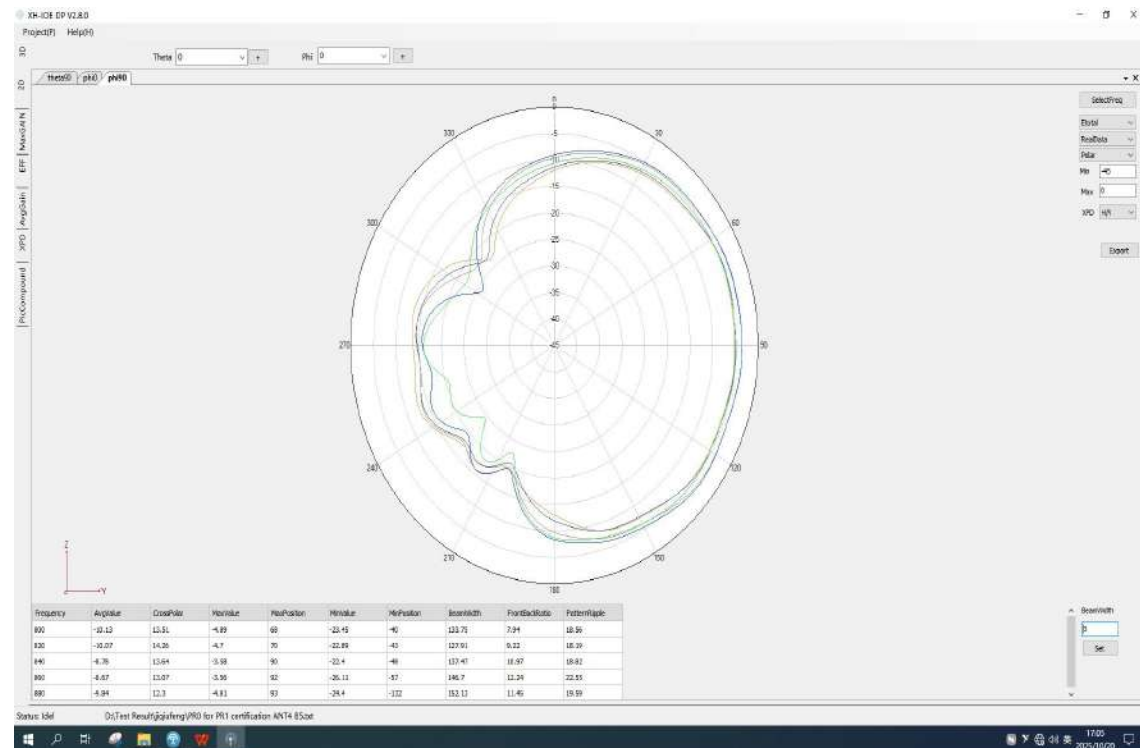
ANT4 LB DRX+N77DRX2



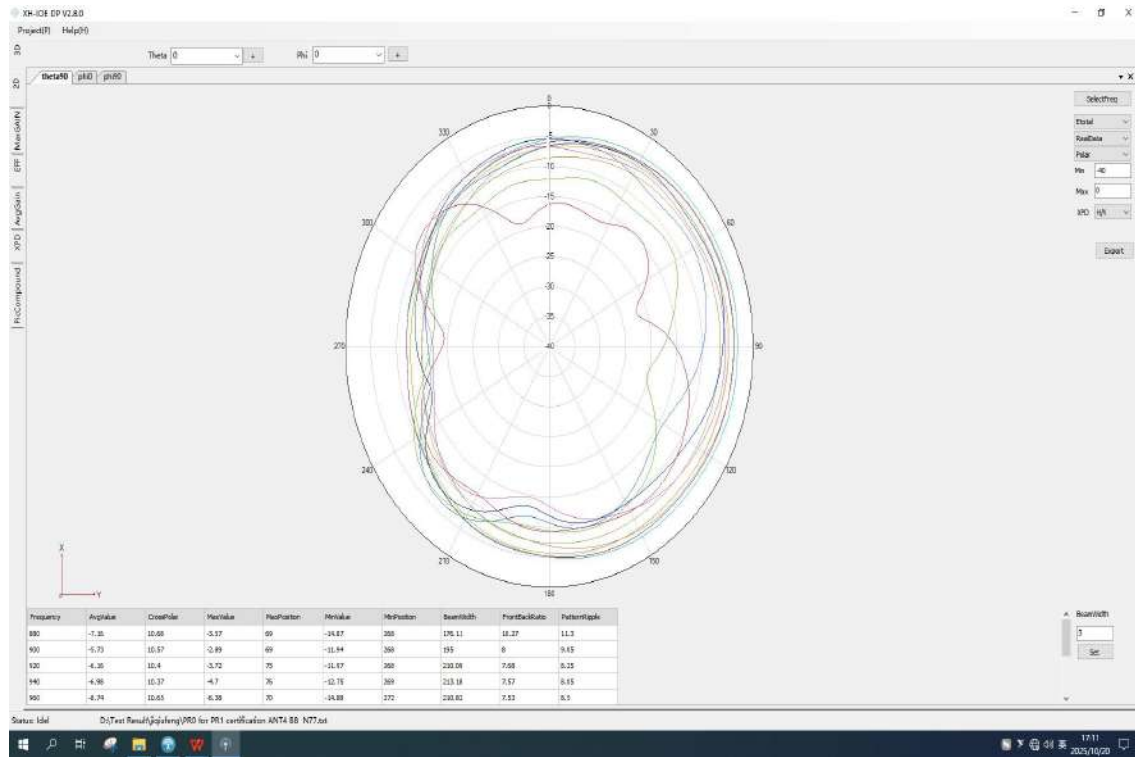
GSM 850 WCDMA B5 LTE B5 NR n5 Theta=90deg



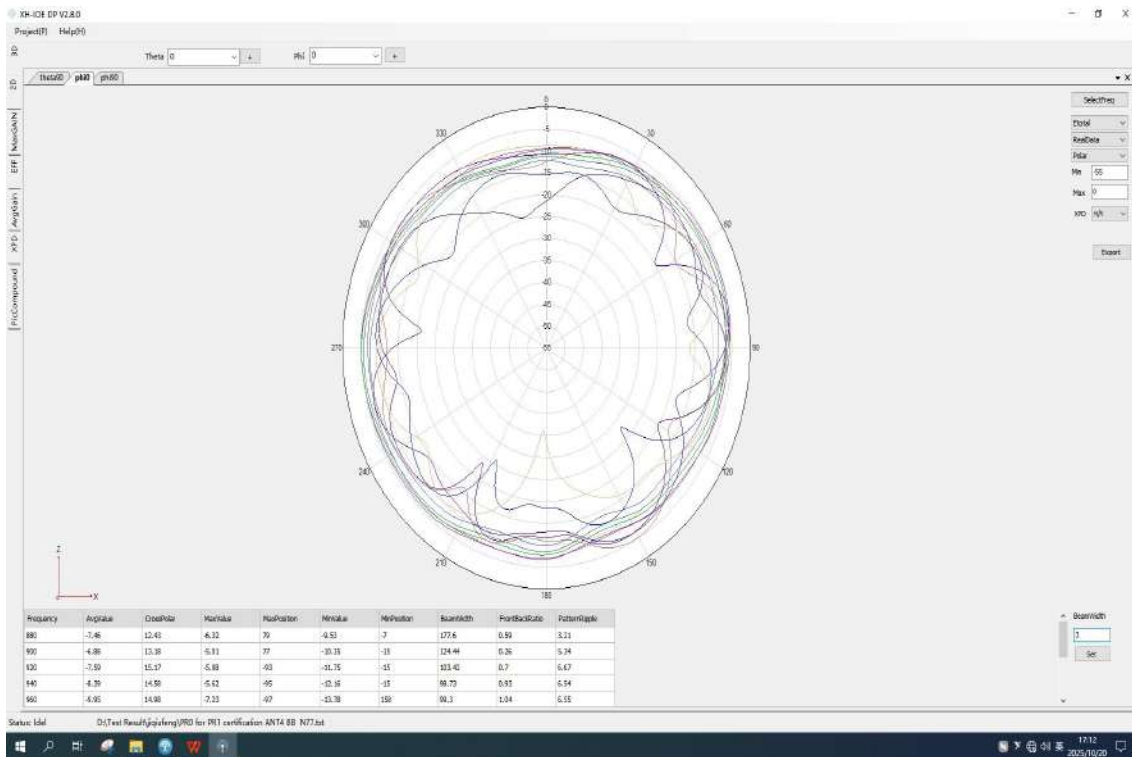
GSM 850 WCDMA B5 LTE B5 NR n5 Phi=0deg



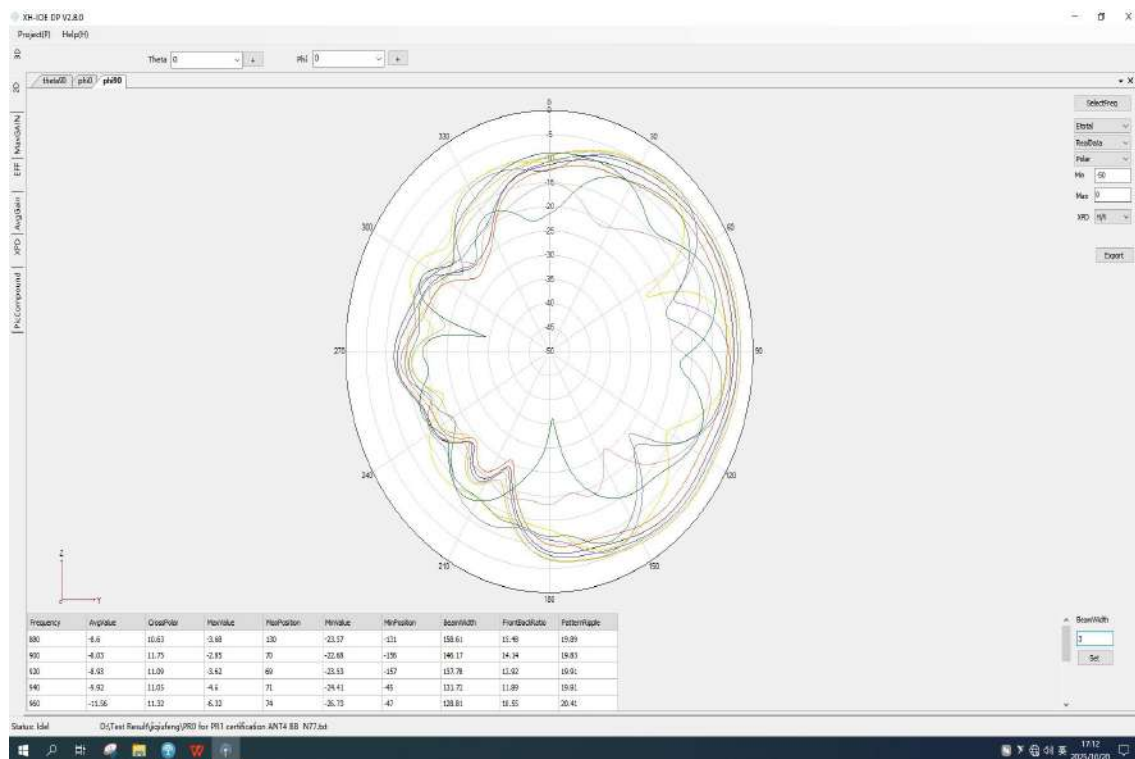
GSM 850 WCDMA B5 LTE B5 NR n5 Phi=90deg



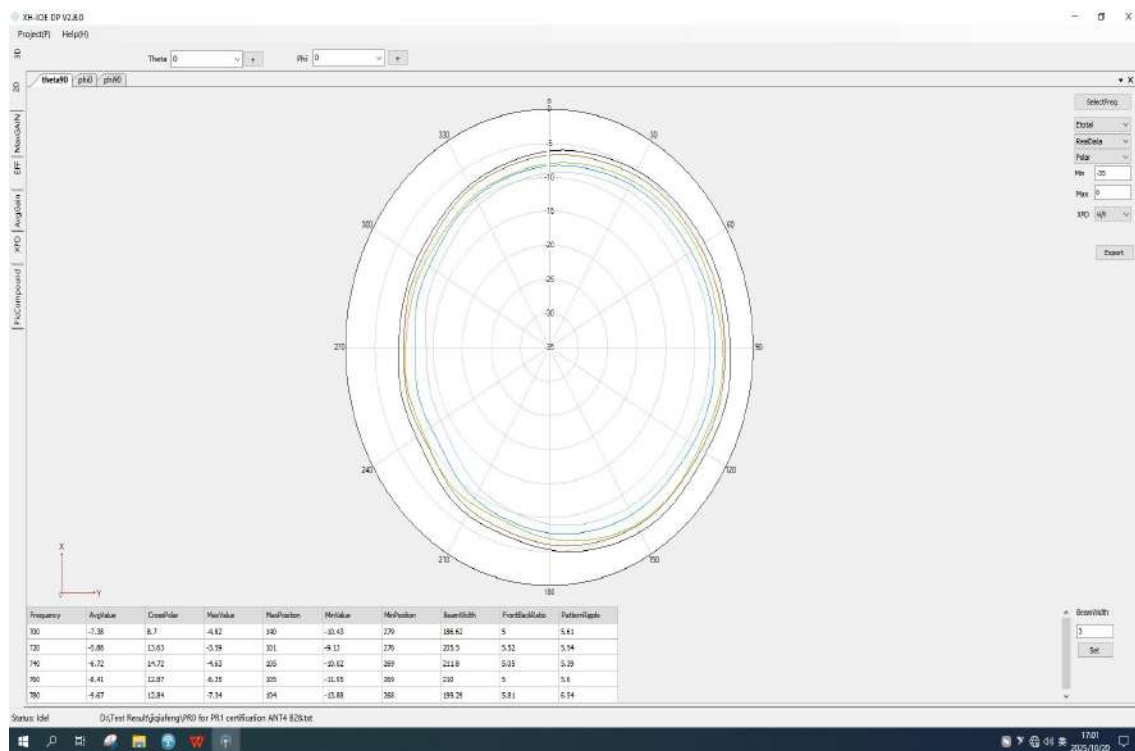
GSM 900 WCDMA B8 LTE B8/42 NR n8 /n77/n78Theta=90deg



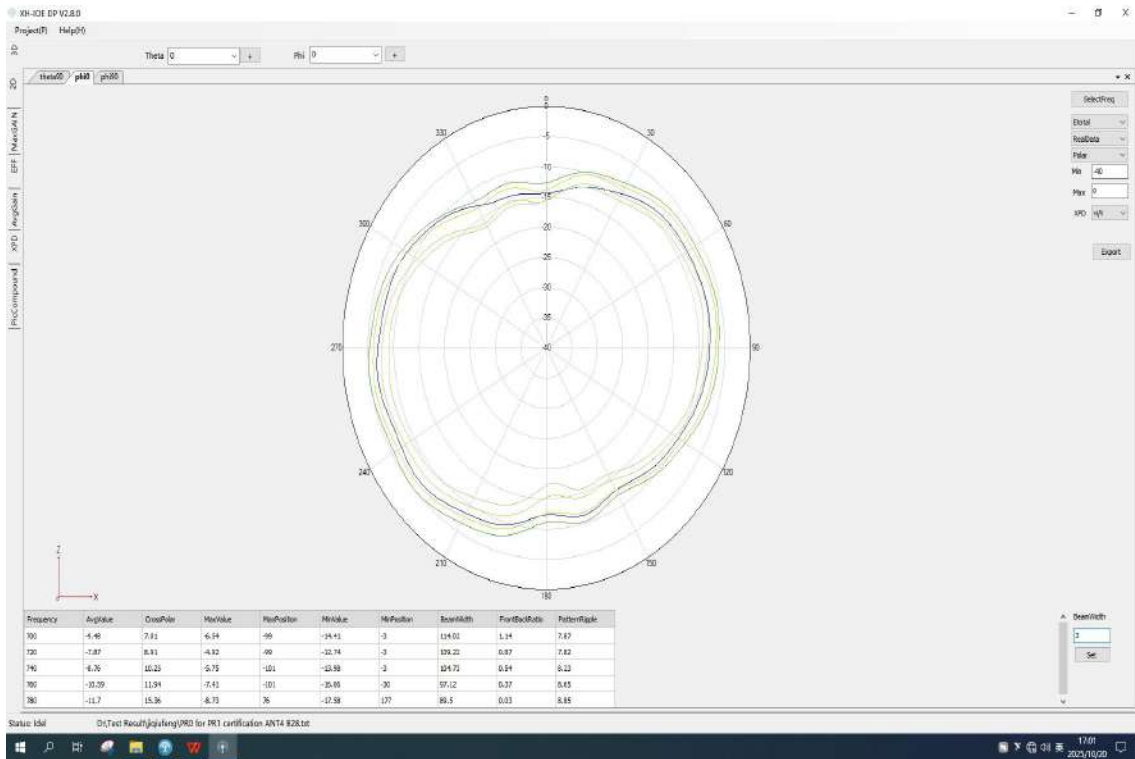
GSM 900 WCDMA B8 LTE B8/42 NR n8 /n77/n78 Phi=0deg



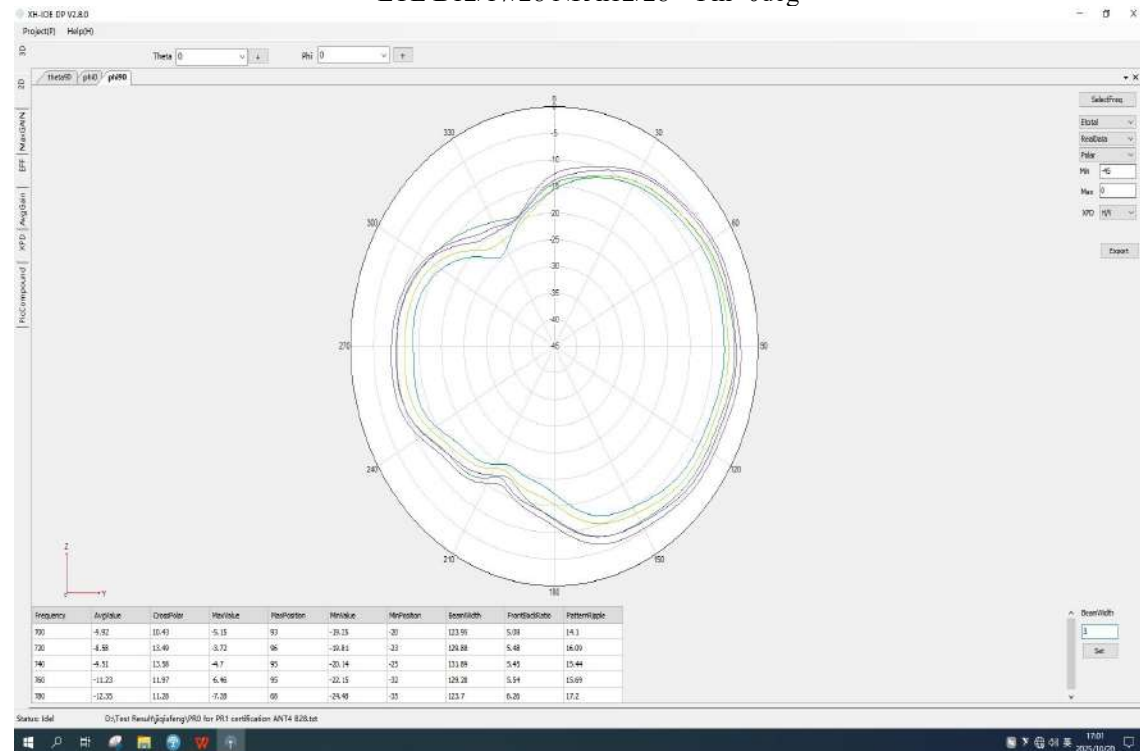
GSM 900 WCDMA B8 LTE B8/42 NR n8 /n77/n78 Phi=90deg



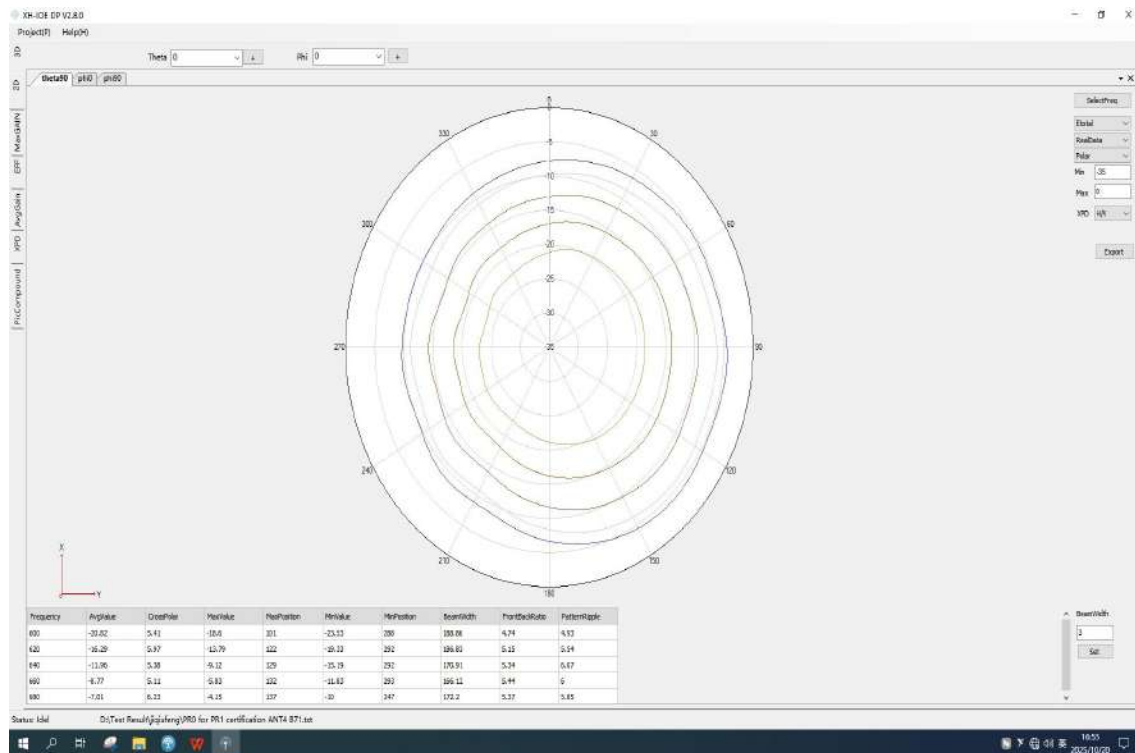
LTE B12/17/28 NR n12/28 Theta=90deg



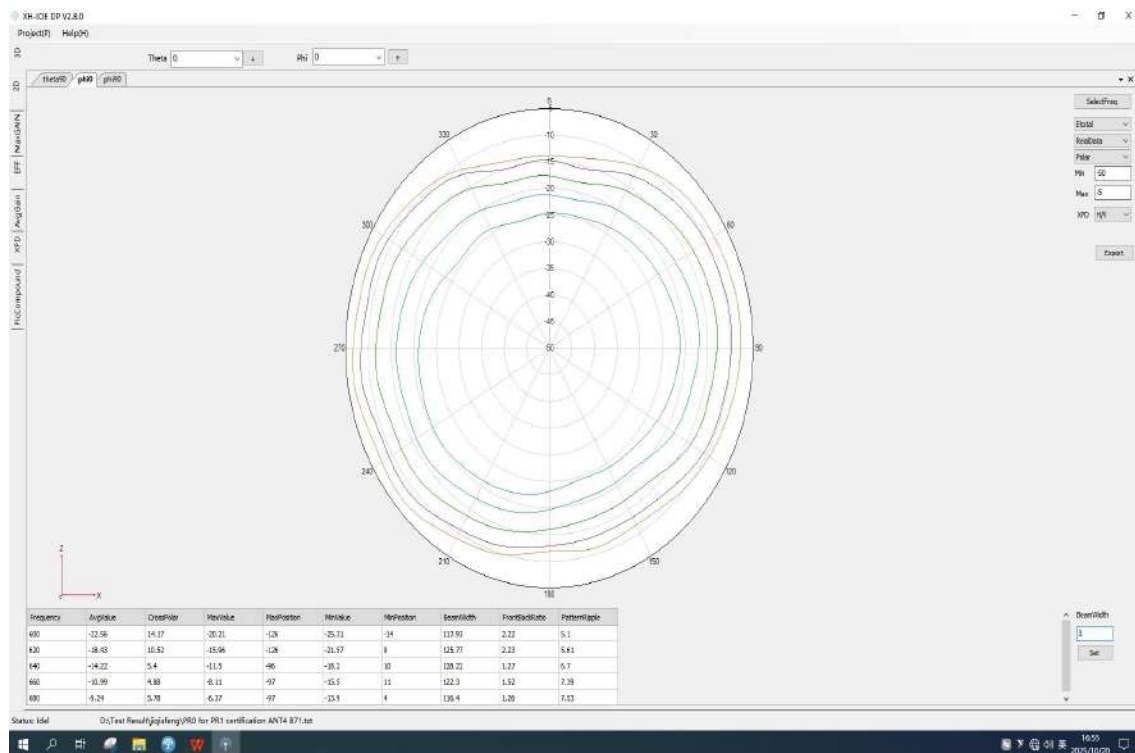
LTE B12/17/28 NR n12/28 Phi=0deg



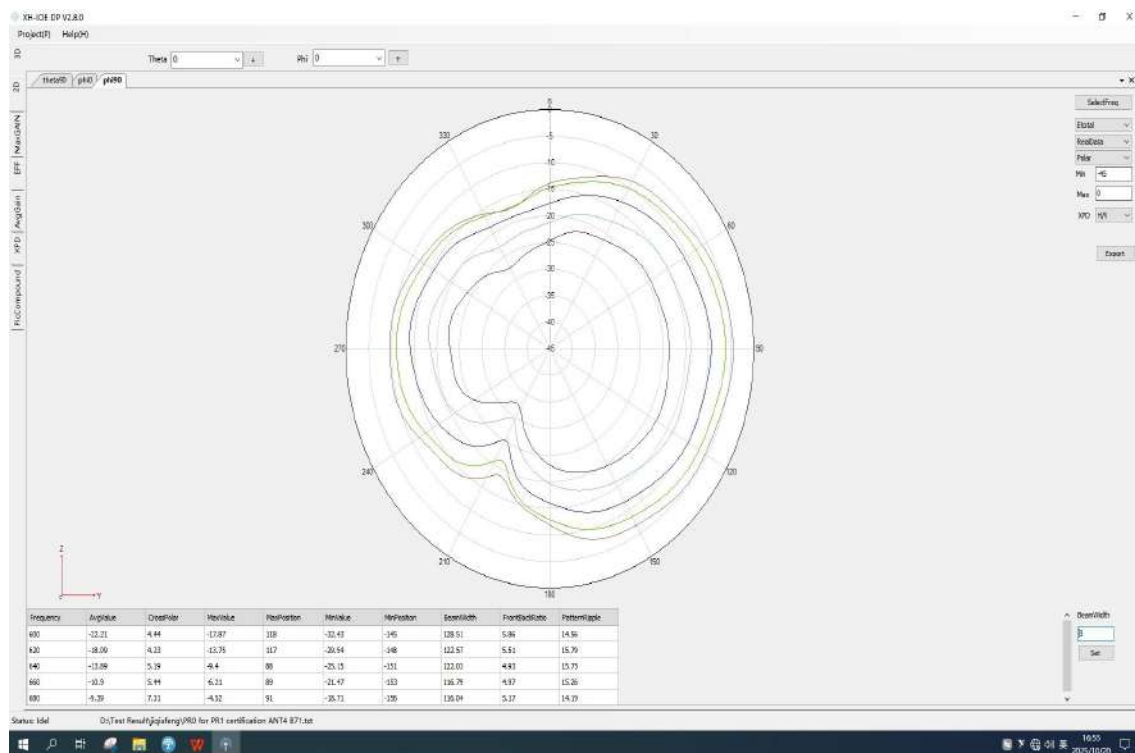
LTE B12/17/28 NR n12/28 Phi=90deg



LTE B71 NR n71 Theta=90deg

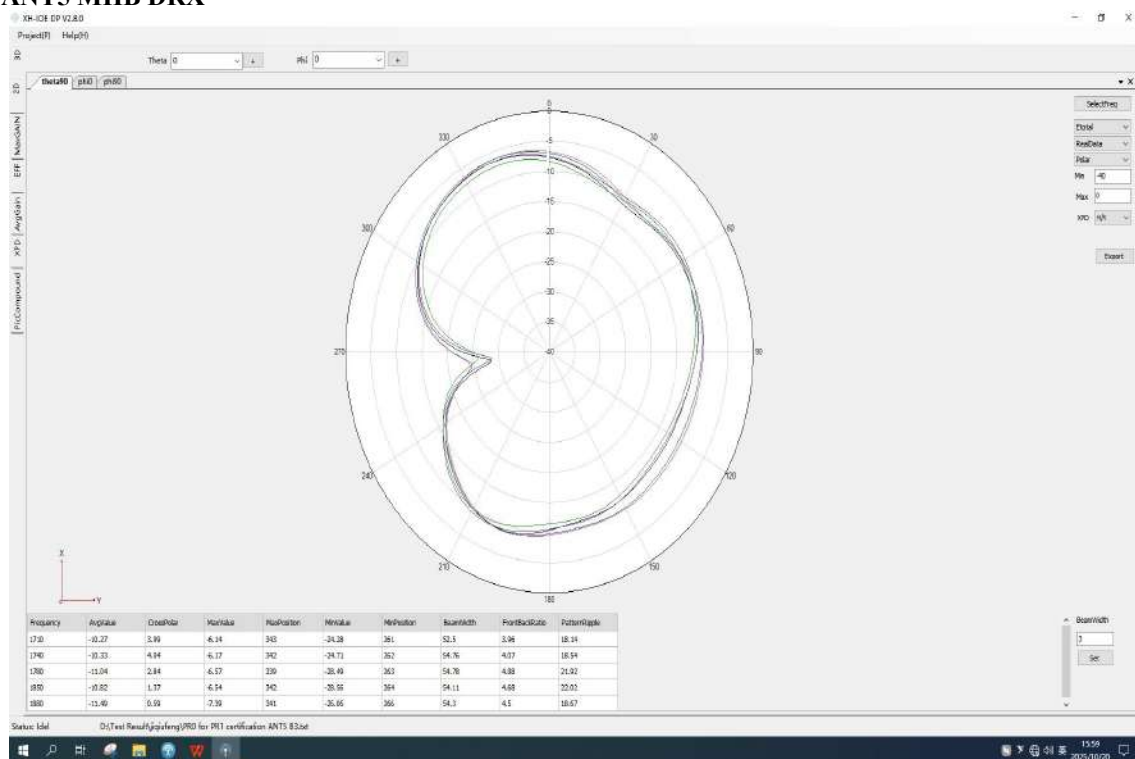


LTE B71 NR n71 Phi=0deg

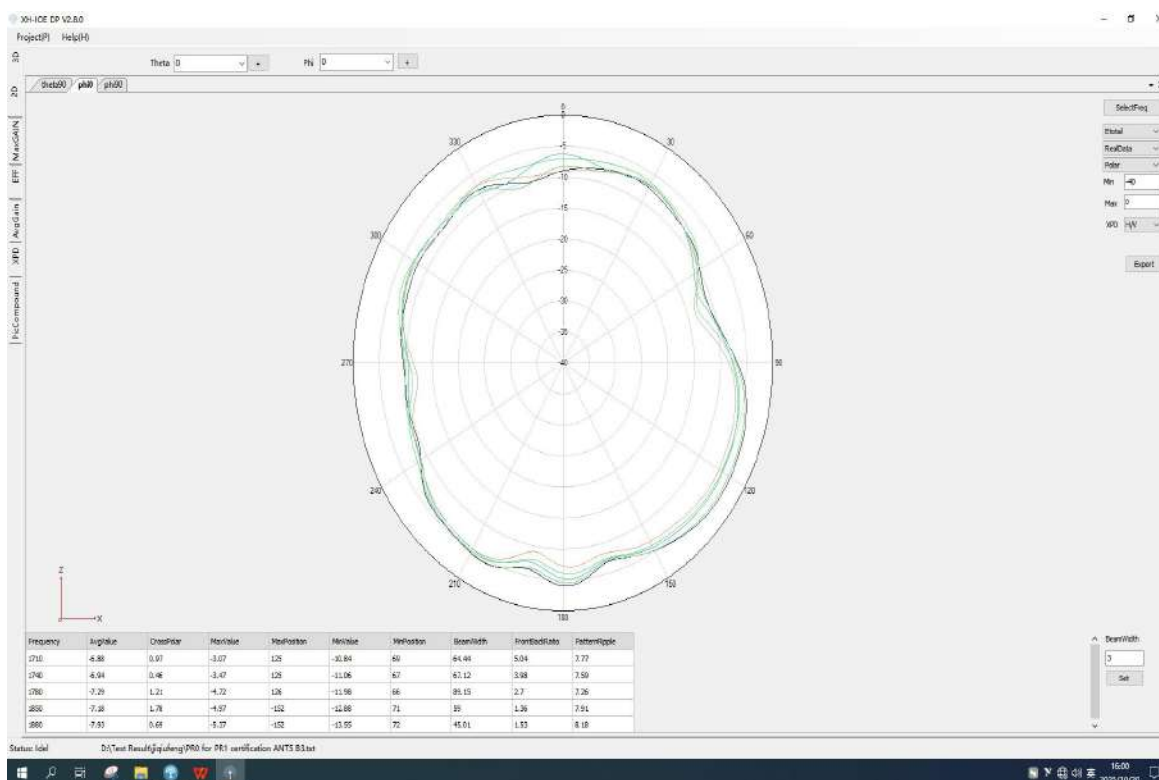


LTE B71 NR n71 Phi=90deg

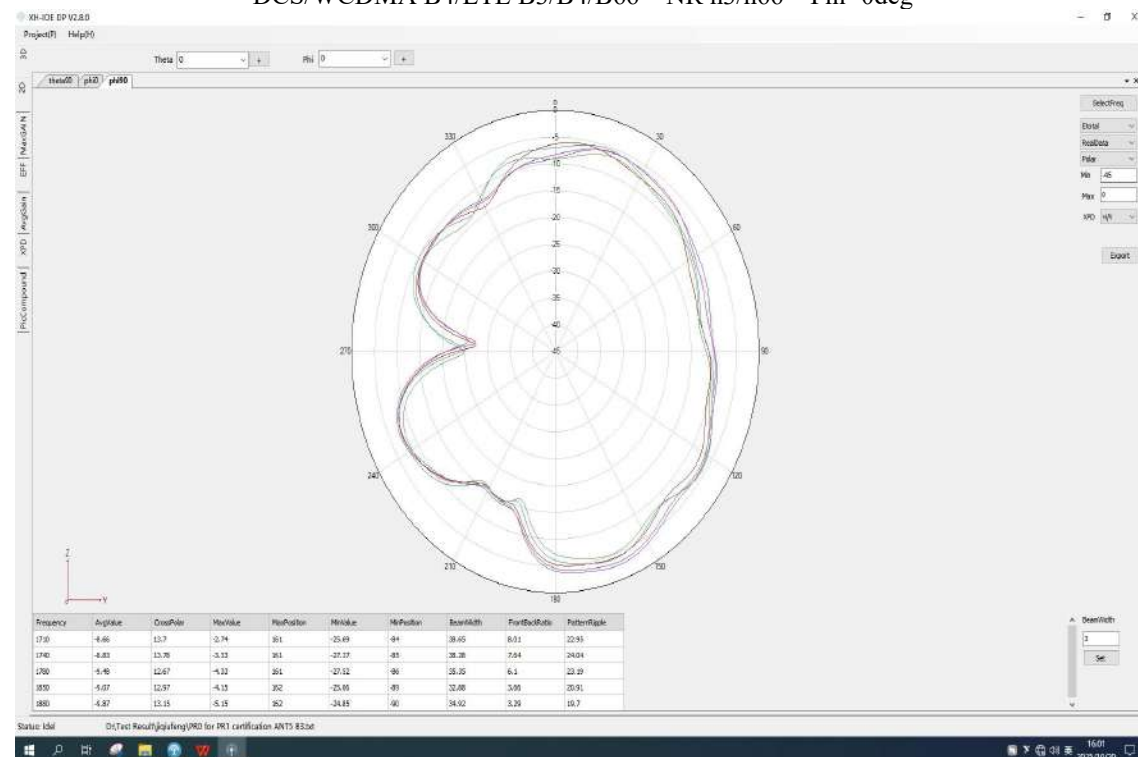
ANT5 MHB DRX



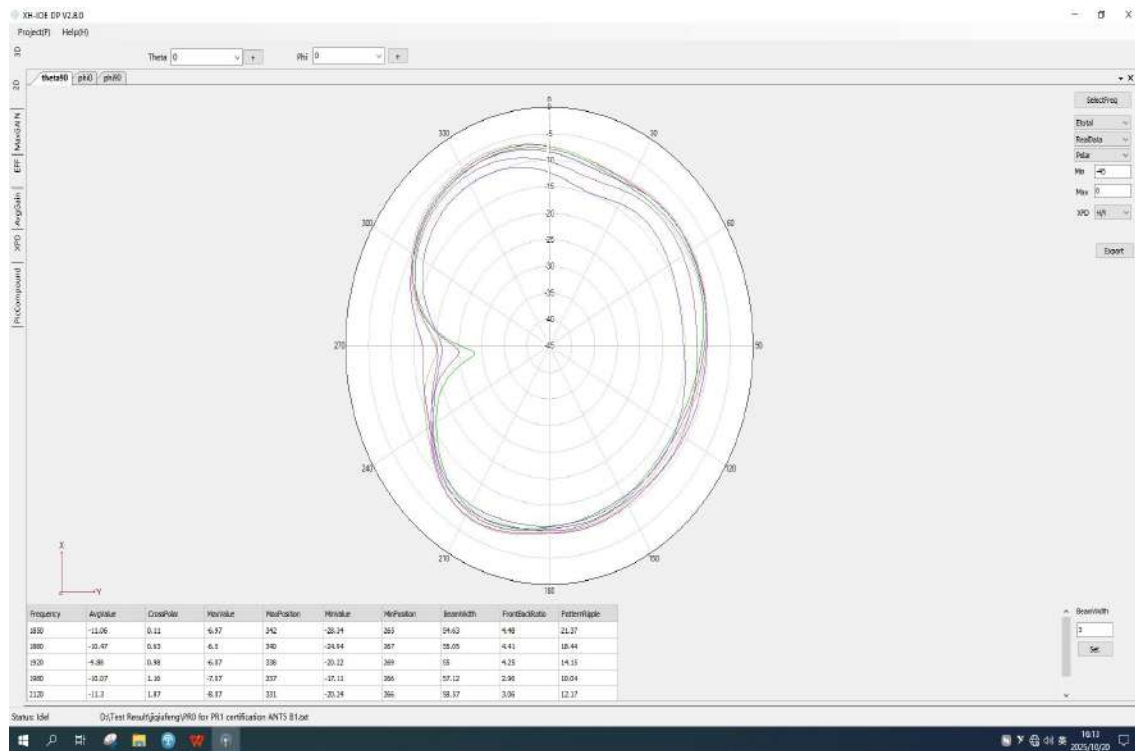
DCS/WCDMA B4/LTE B3/B4/B66 NR n3/n66 Theta=90deg



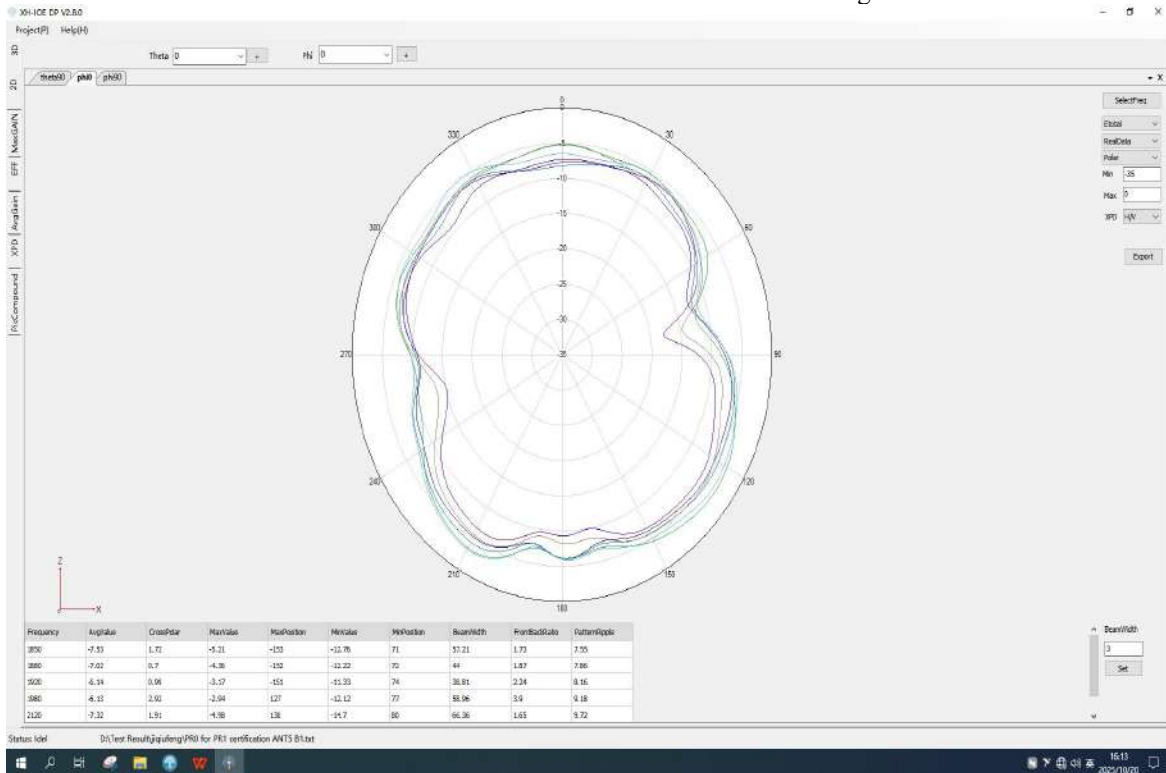
DCS/WCDMA B4/LTE B3/B4/B66 NR n3/n66 Phi=0deg



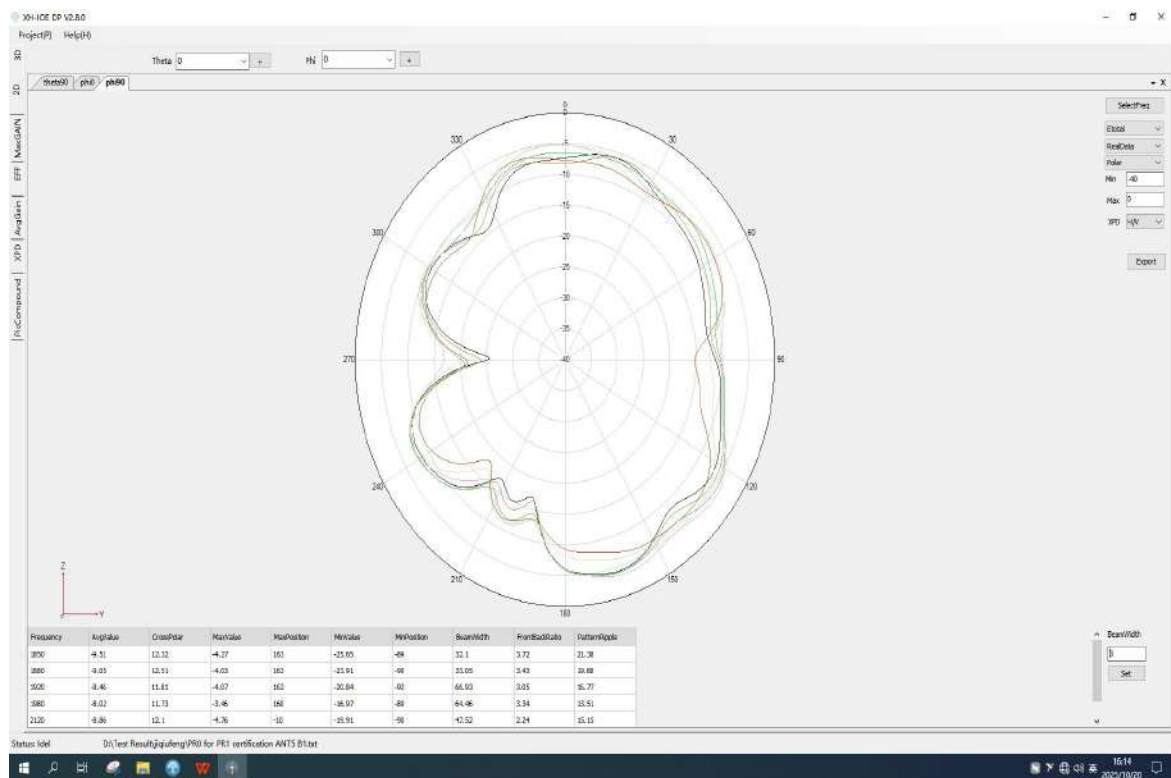
DCS/WCDMA B4/LTE B3/B4/B66 NR n3/n66 Phi=90deg



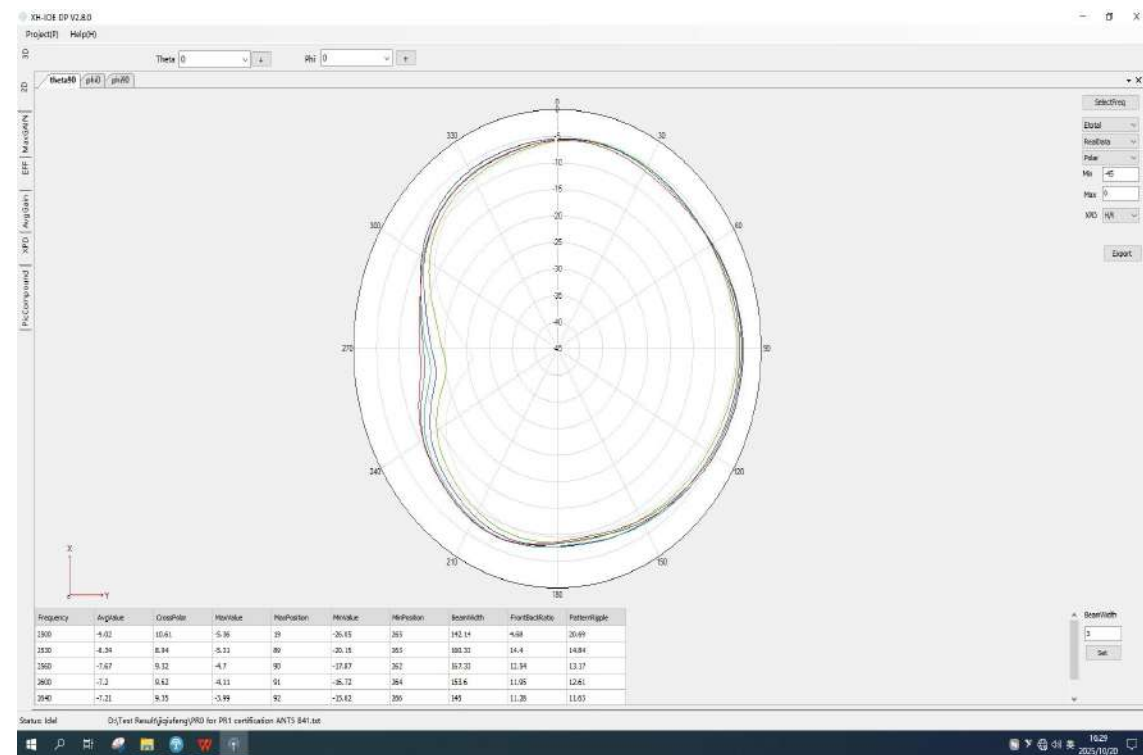
PCS/WCDMA B1/2/LTE B1/2 NR n1 Theta=90deg



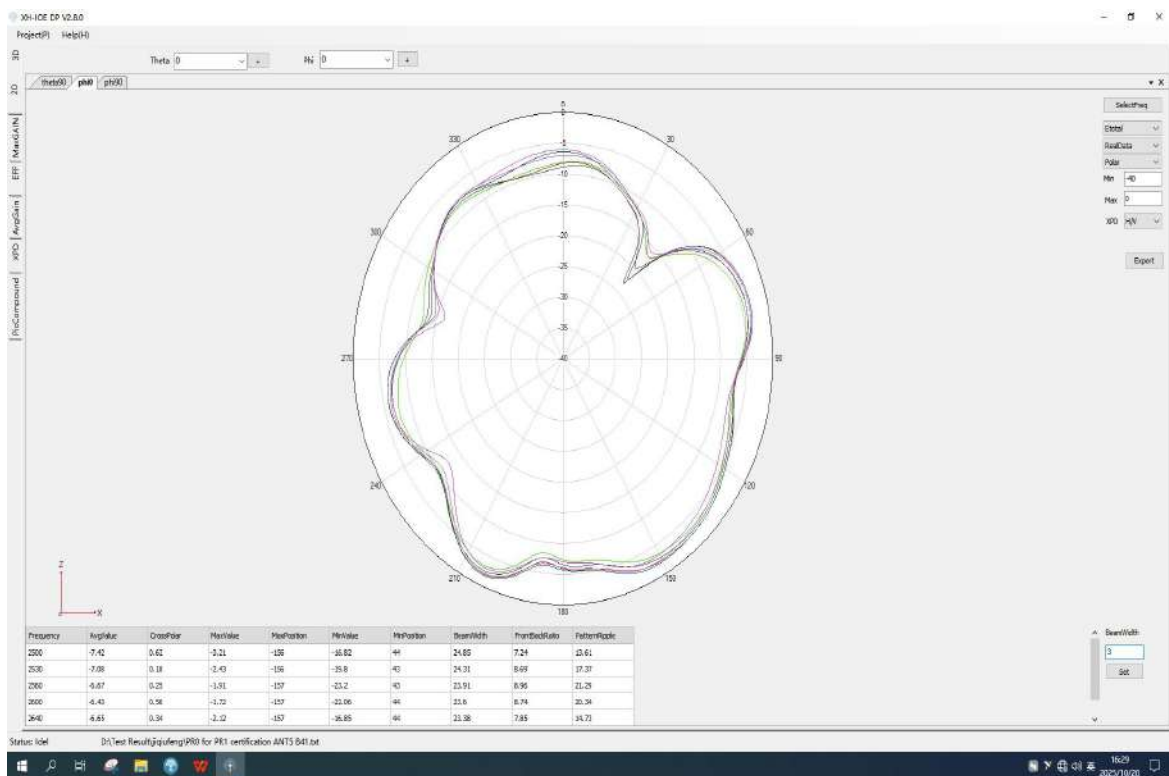
PCS/WCDMA B1/2/LTE B1/2 NR n1 Phi=0deg



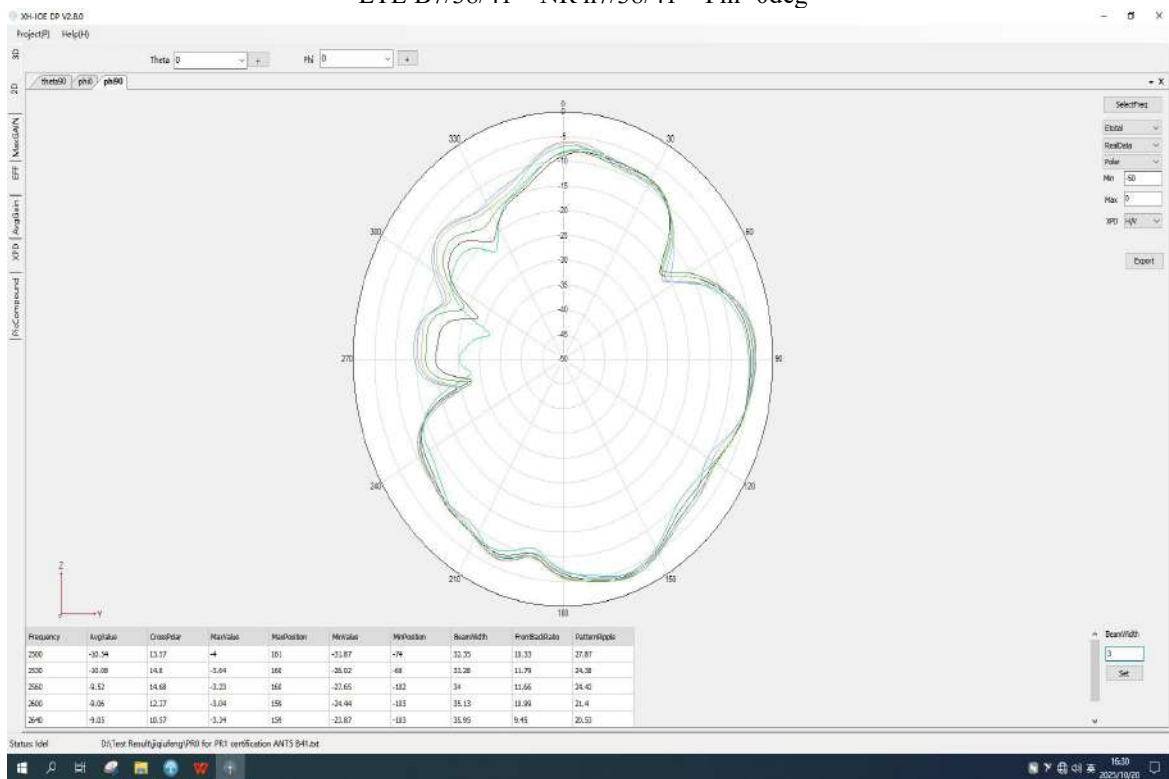
PCS/WCDMA B1/2/LTE B1/2 NR n1 Phi=90deg



LTE B7/38/41 NR n7/38/41 Theta=90deg

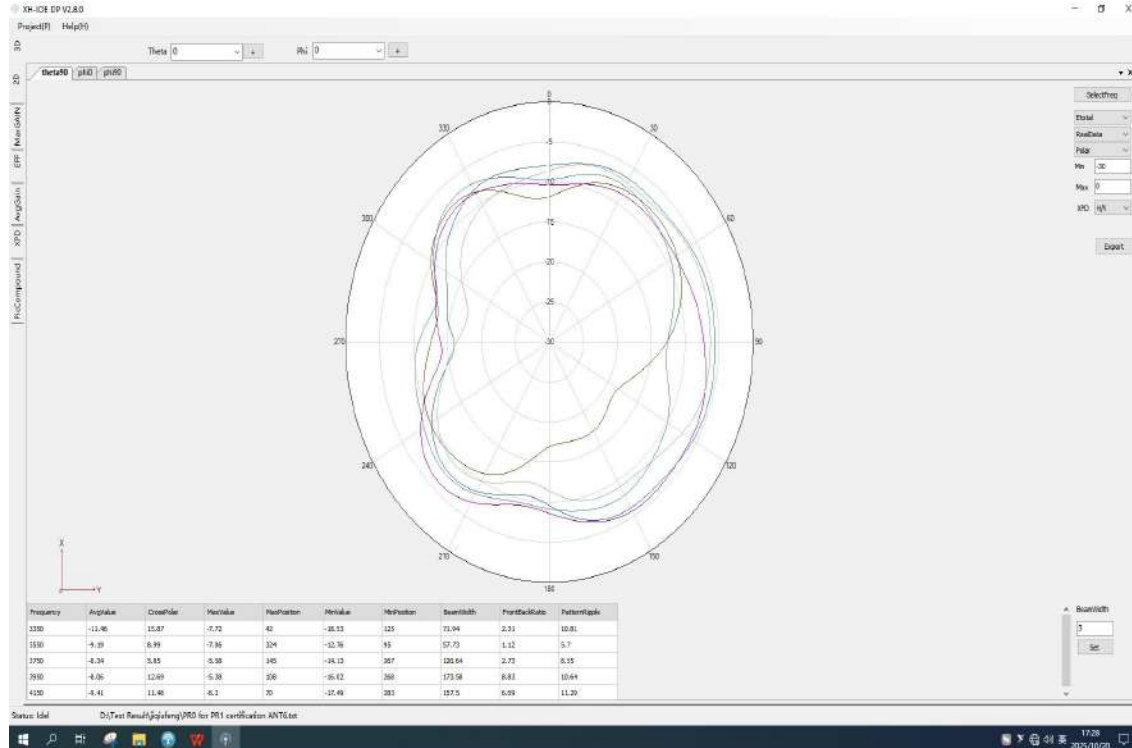


LTE B7/38/41 NR n7/38/41 Phi=0deg

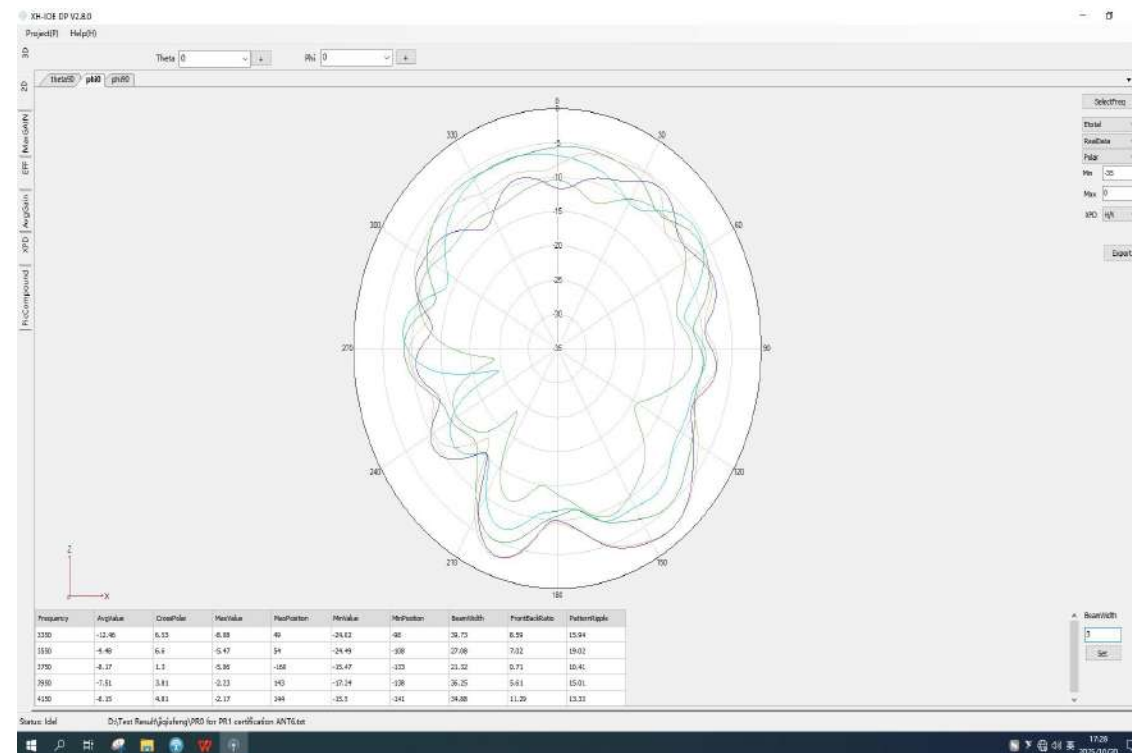


LTE B7/38/41 NR n7/38/41 Phi=90deg

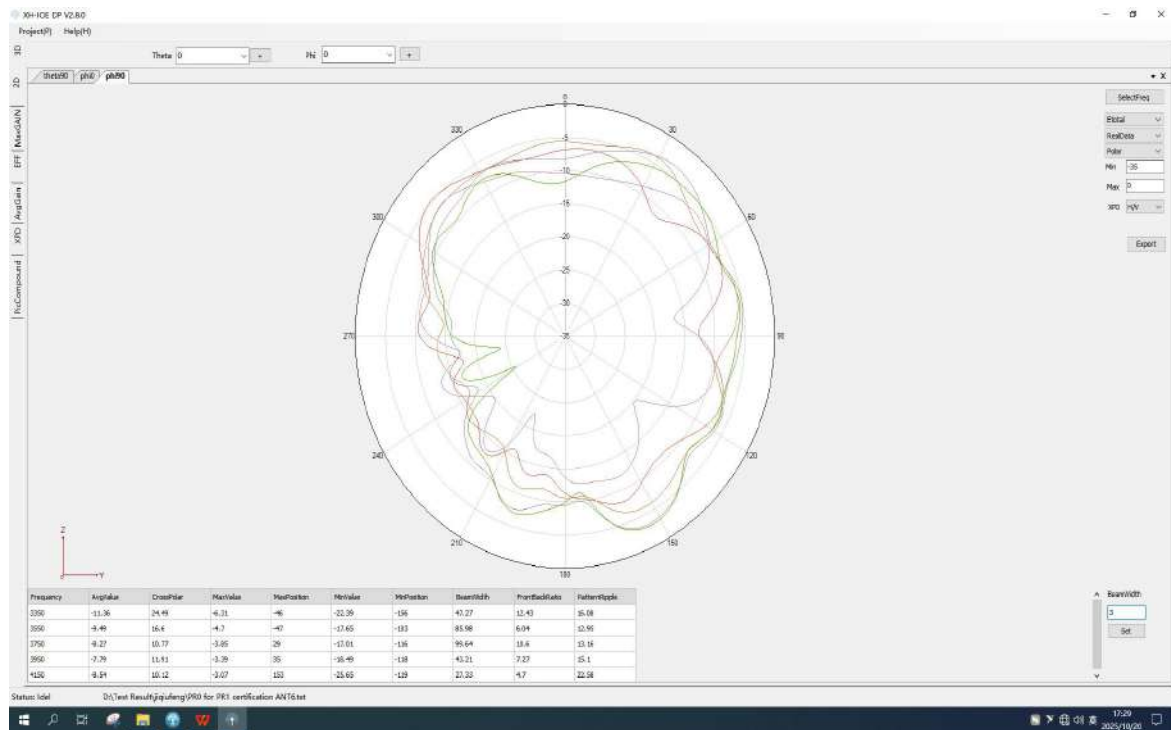
ANT6 N77/78 DRX



LTE B42 N77/78 Theta=90deg

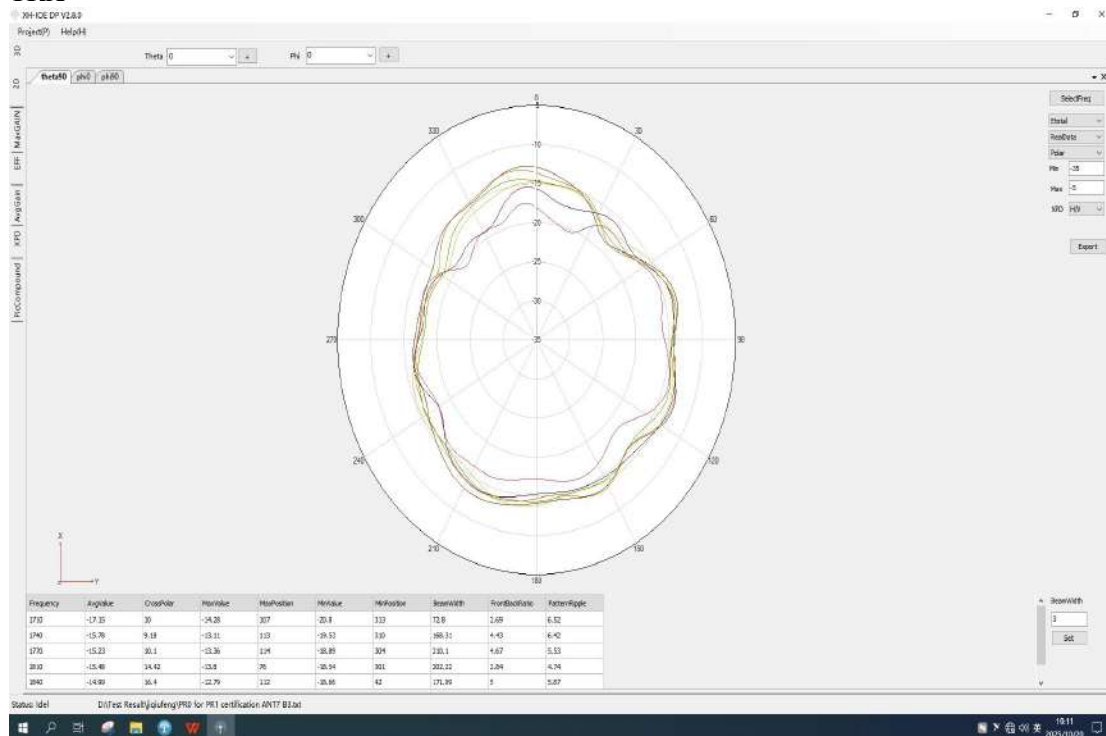


LTE B42 N77/78 Phi=0deg

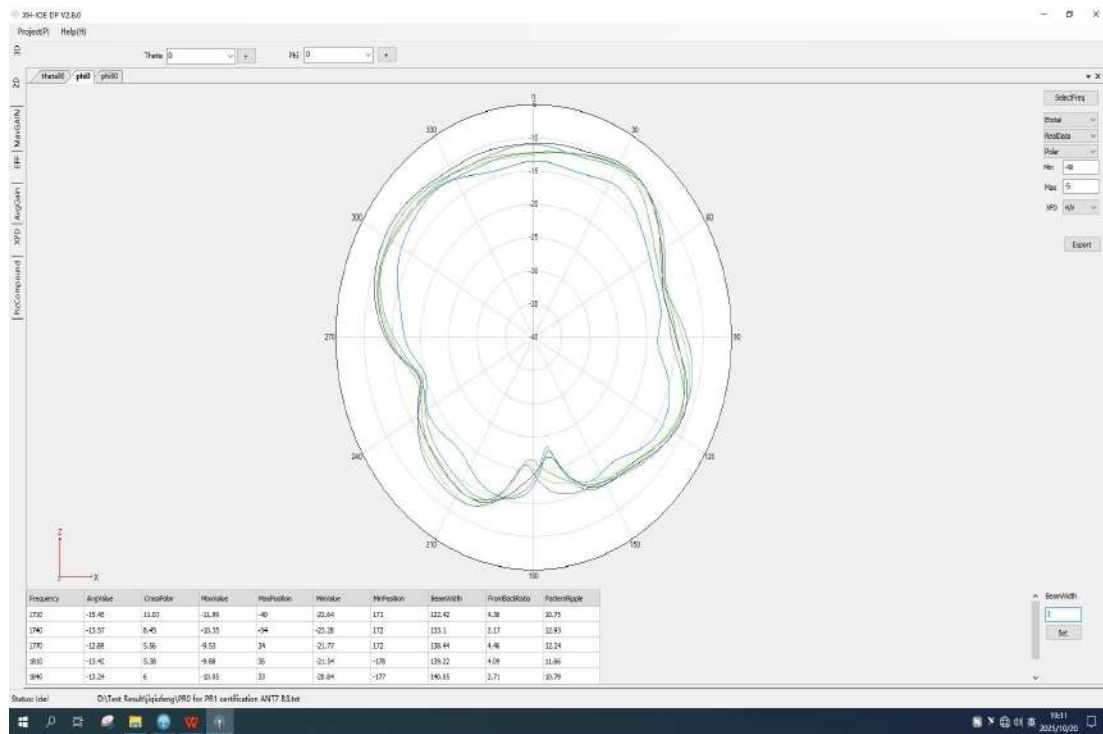


LTE B42 N77/78 Phi=90deg

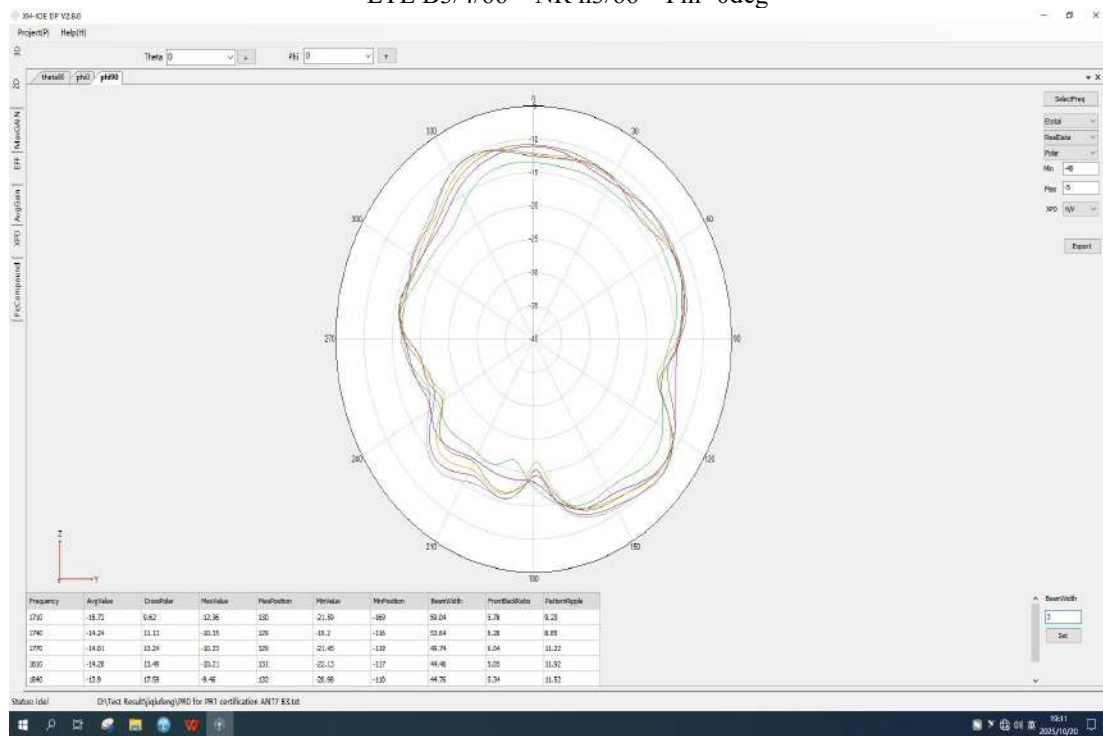
ANT7 END C MHB TRX



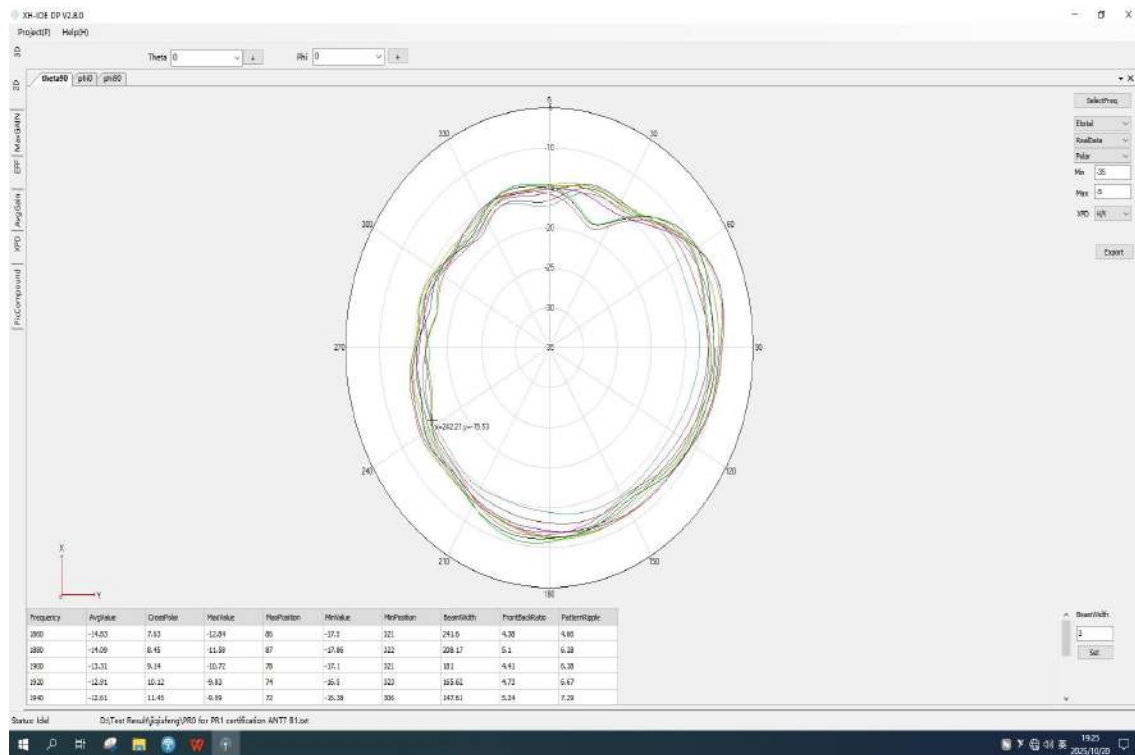
LTE B3/4/66 NR n3/66 Theta=90deg



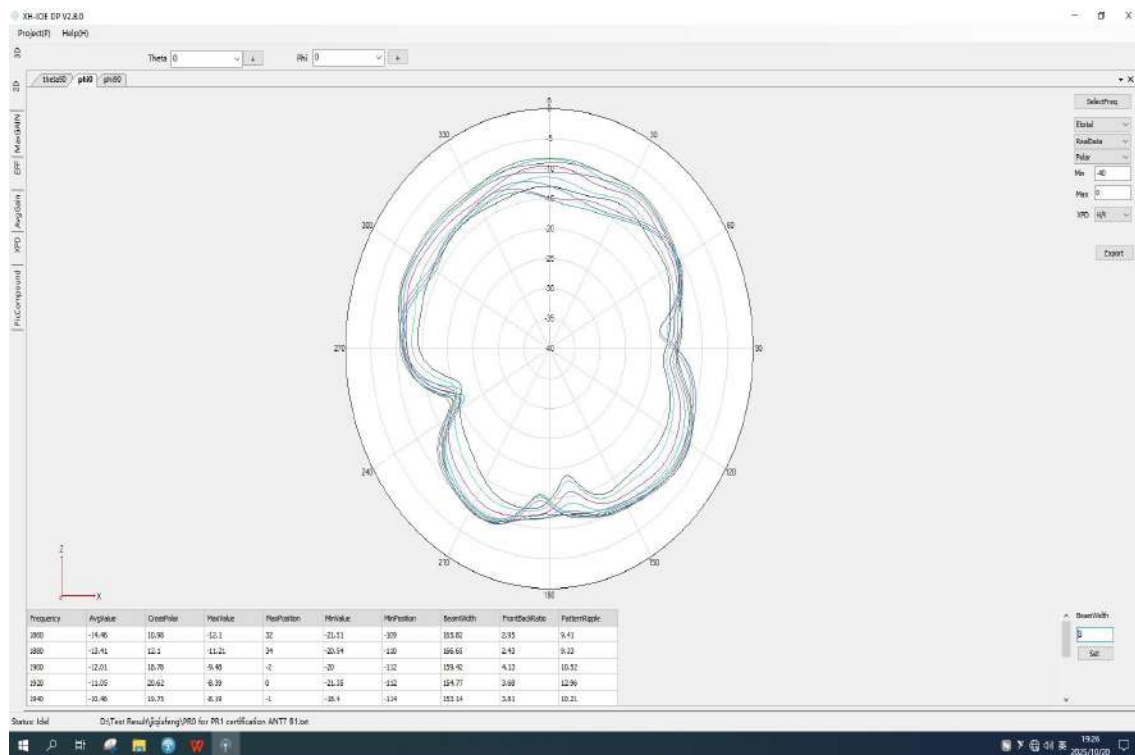
LTE B3/4/66 NR n3/66 Phi=0deg



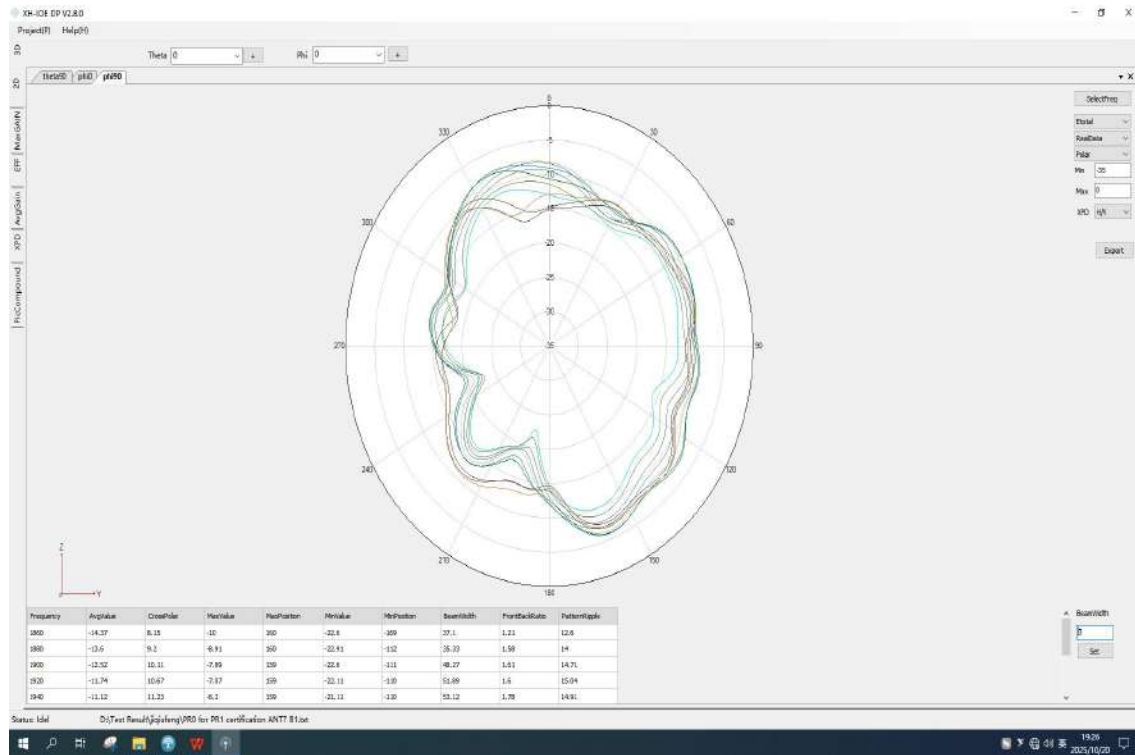
LTE B3/4/66 NR n3/66 Phi=90deg



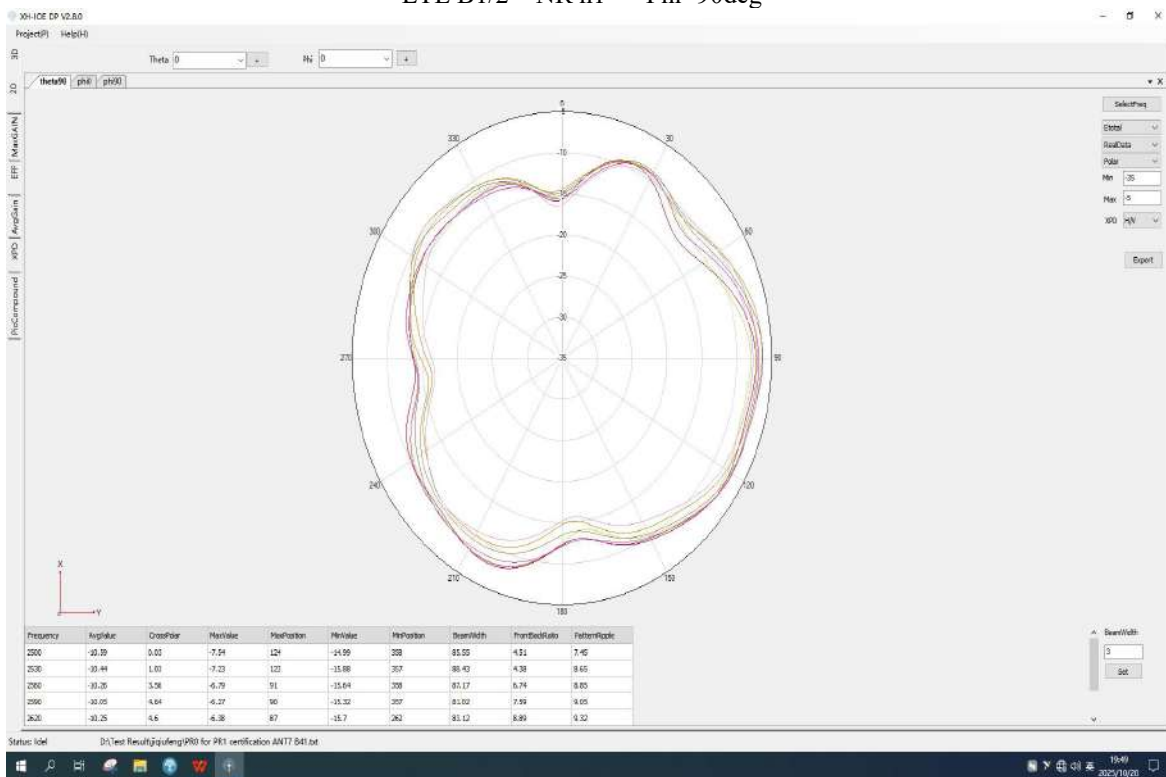
LTE B1/2 NR n1 Theta=90deg



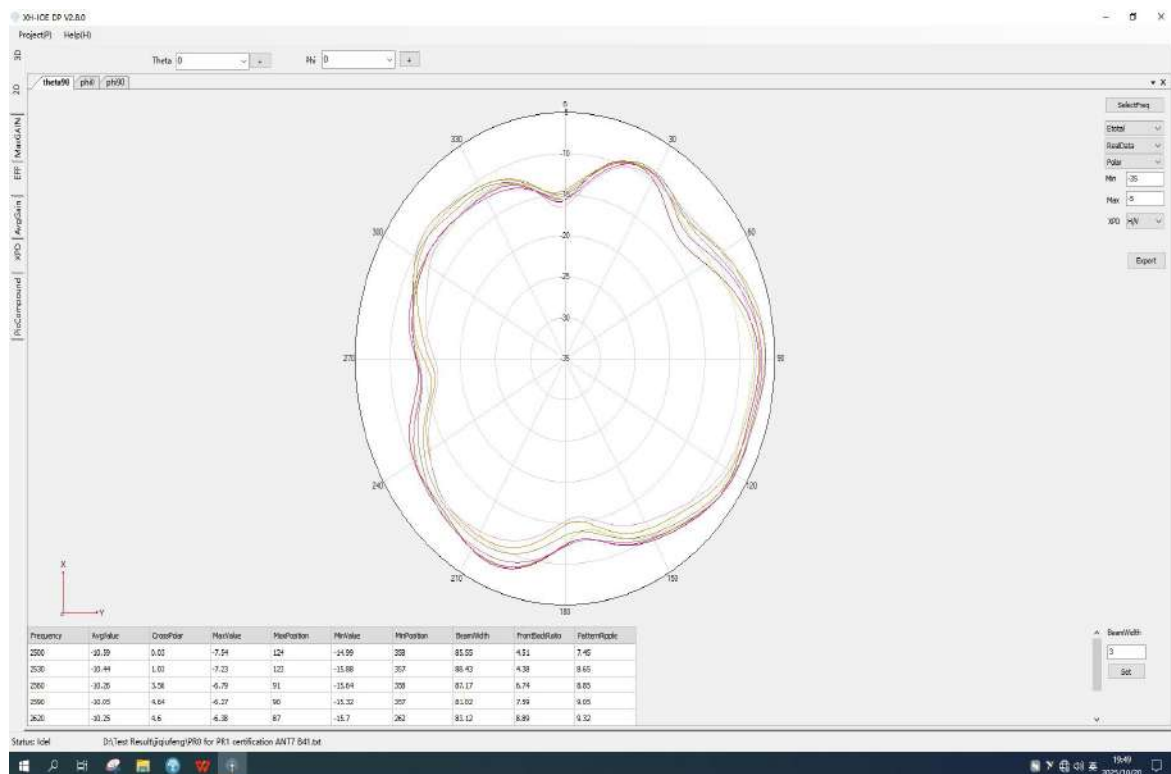
LTE B1/2 NR n1 Phi=0deg



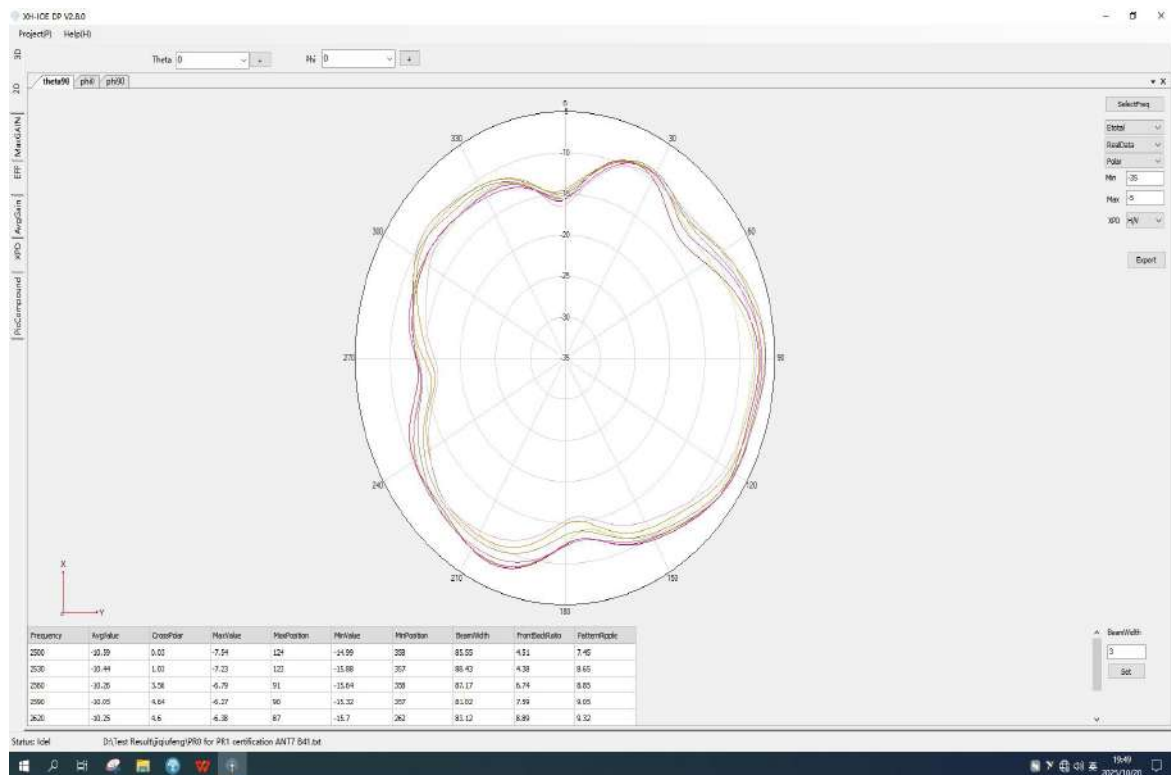
LTE B1/2 NR n1 Phi=90deg



LTE B7/38/41 NR n7/38/41 Theta=90deg

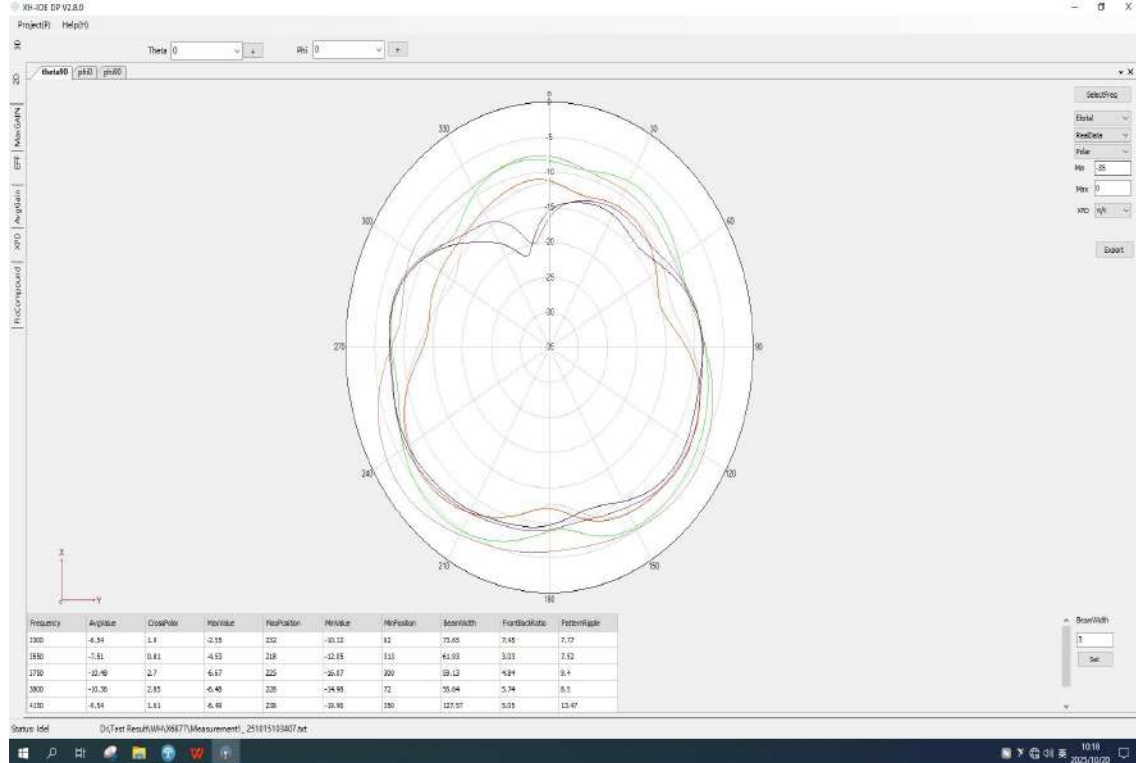


LTE B7/38/41 NR n7/38/41 Phi=0deg

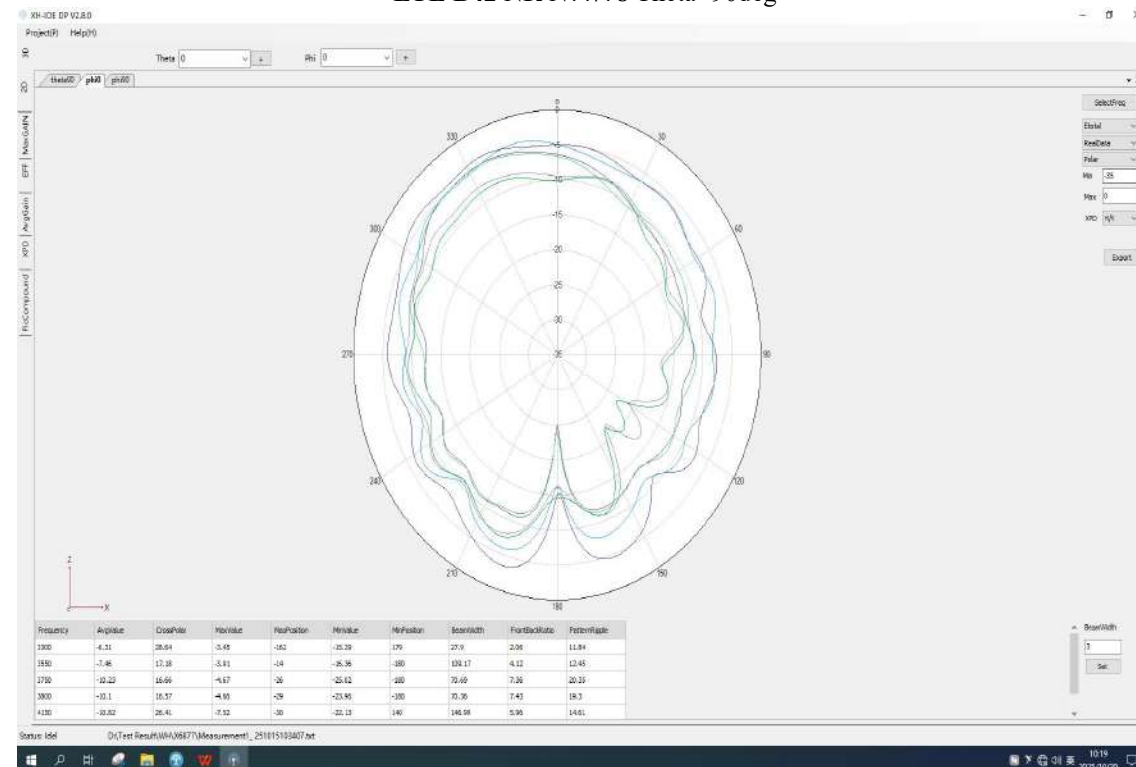


LTE B7/38/41 NR n7/38/41 Phi=90deg

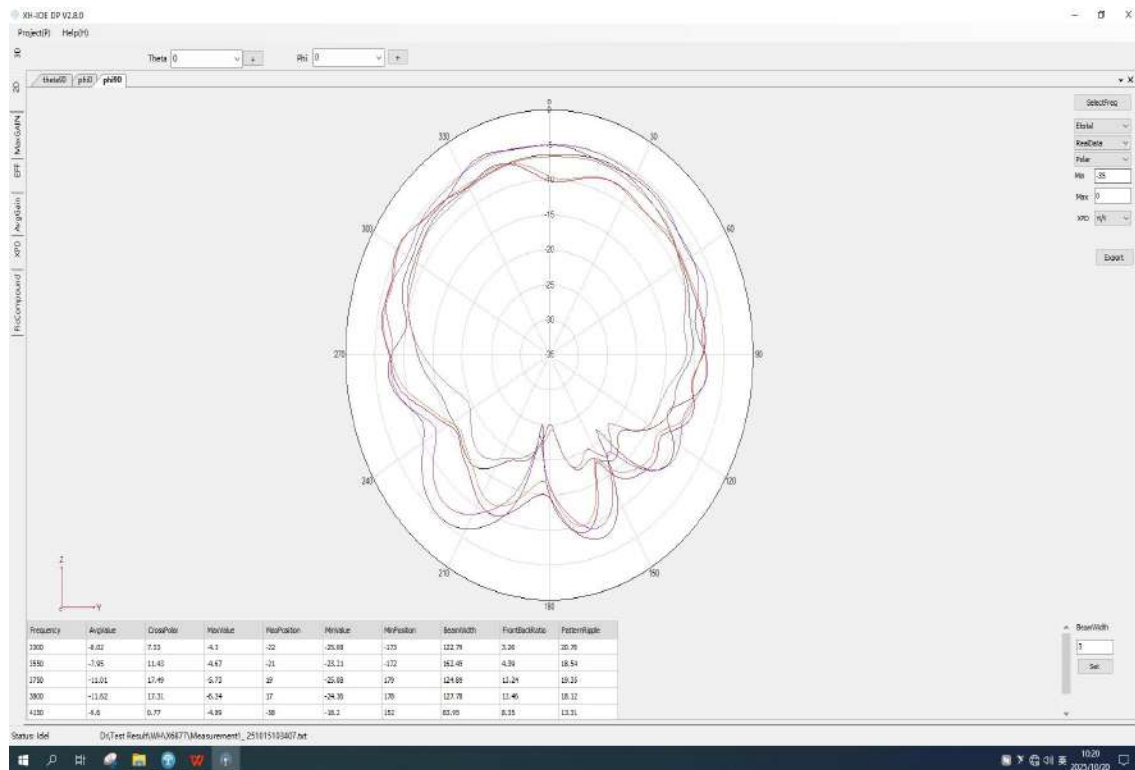
ANT8N77/78PRX



LTE B42 NR N77/78 Theta=90deg

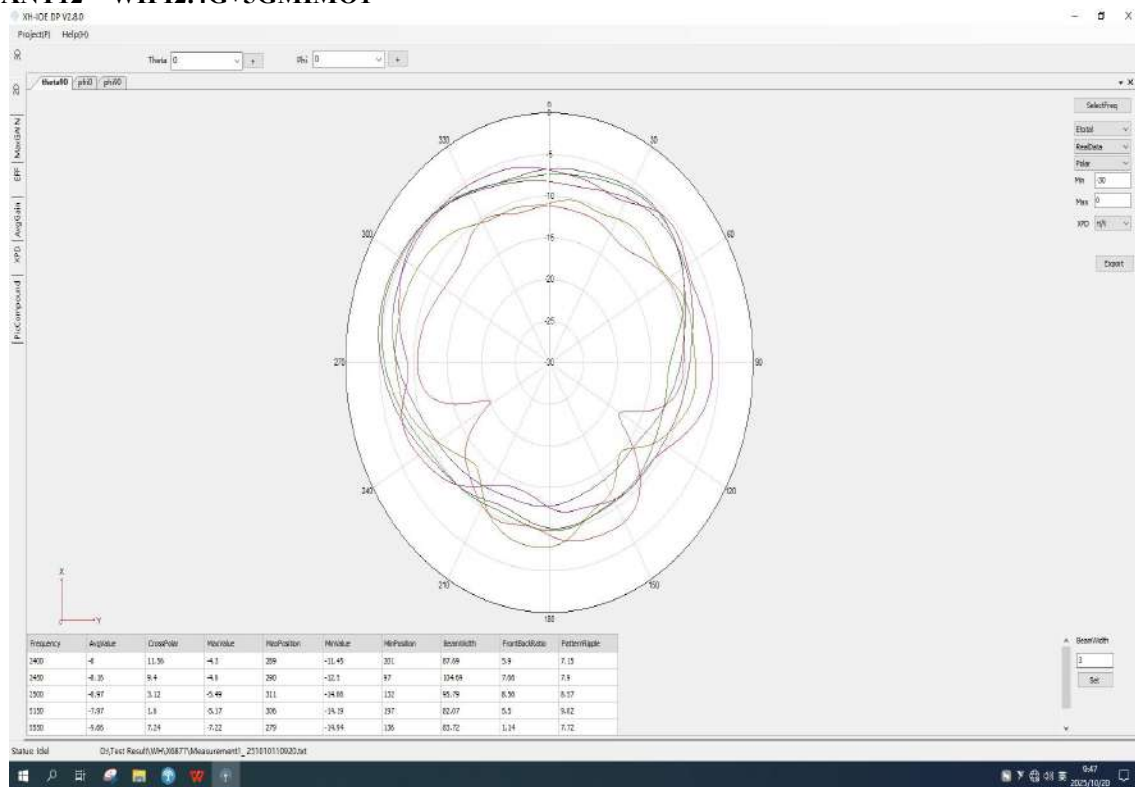


LTE B42 NR N77/78 Phi=0deg

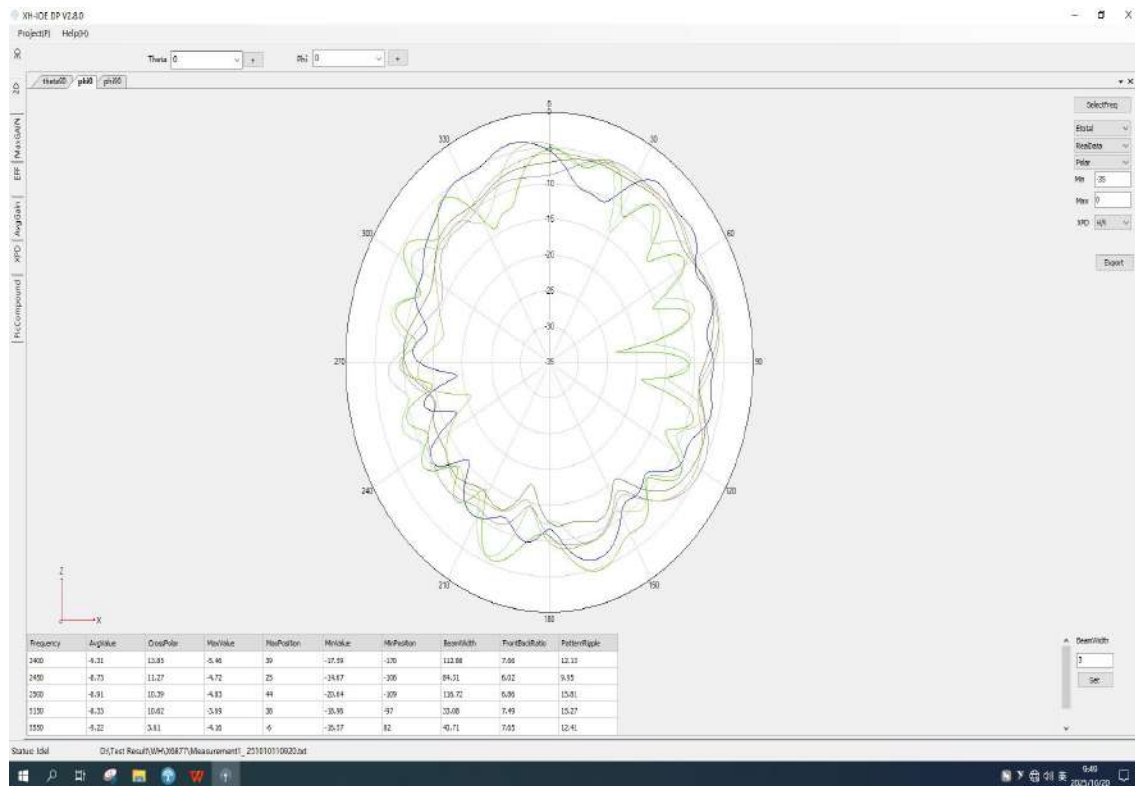


LTE B42 NR N77/78 Phi=90deg

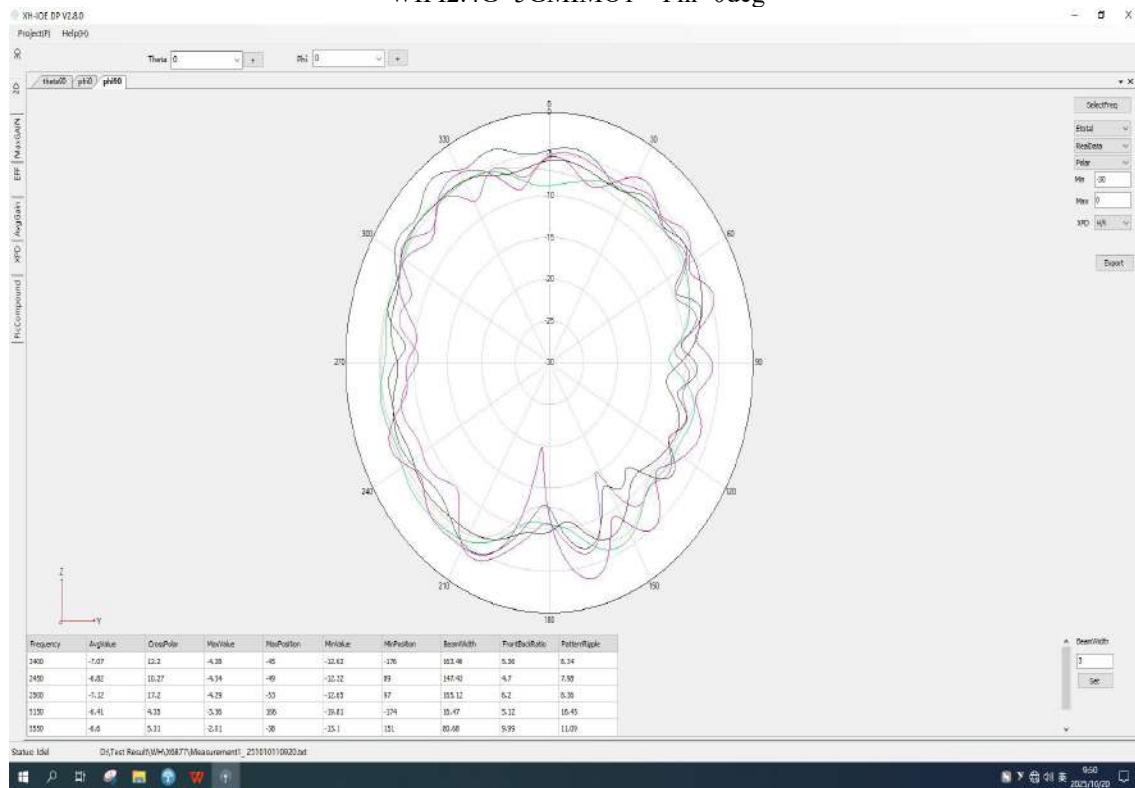
ANT12 WIFI2.4G+5GMIMO1



WIFI2.4G+5GMIMO1 Theta=90deg

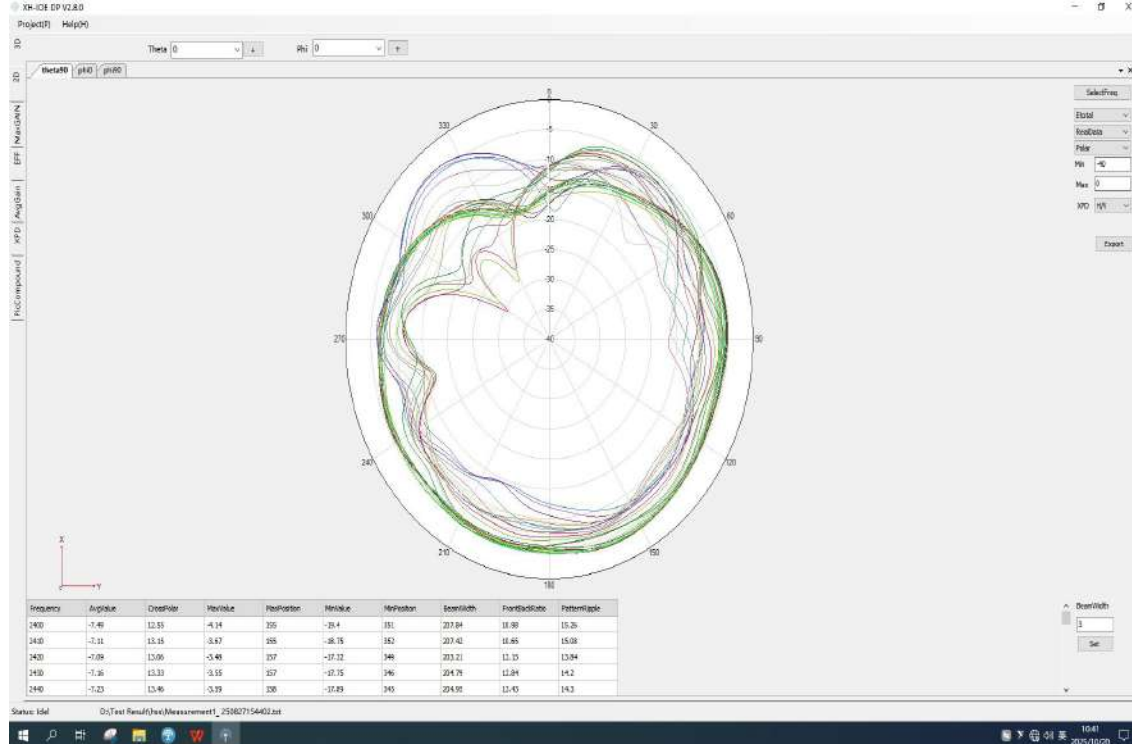


WiFi2.4G+5GMIMO1 Phi=0deg

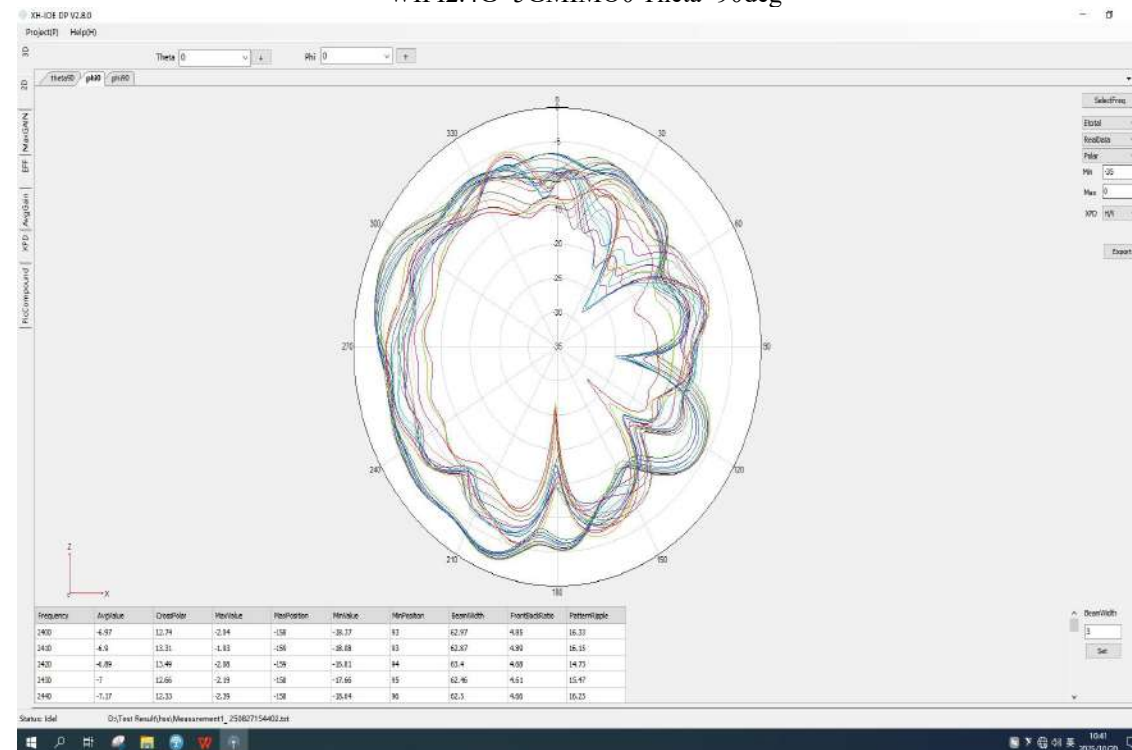


WiFi2.4G+5GMIMO1 Phi=90deg

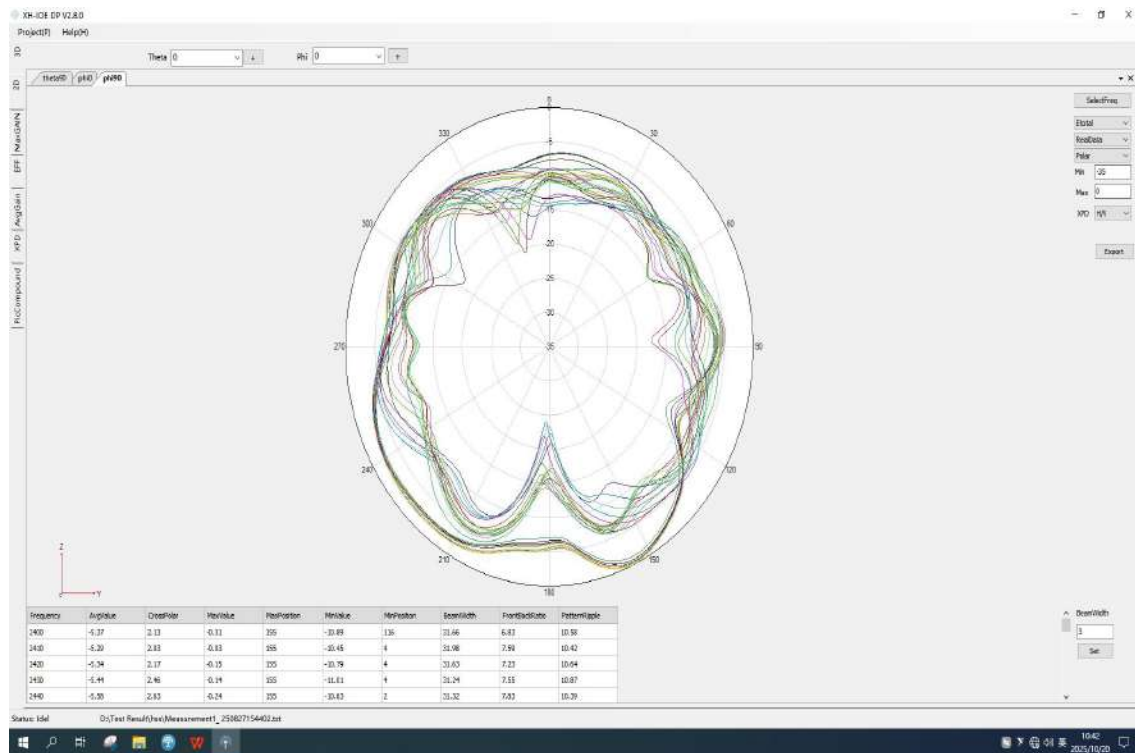
ANT13 WIFI2.4G+5GMIMO0



WIFI2.4G+5GMIMO0 Theta=90deg

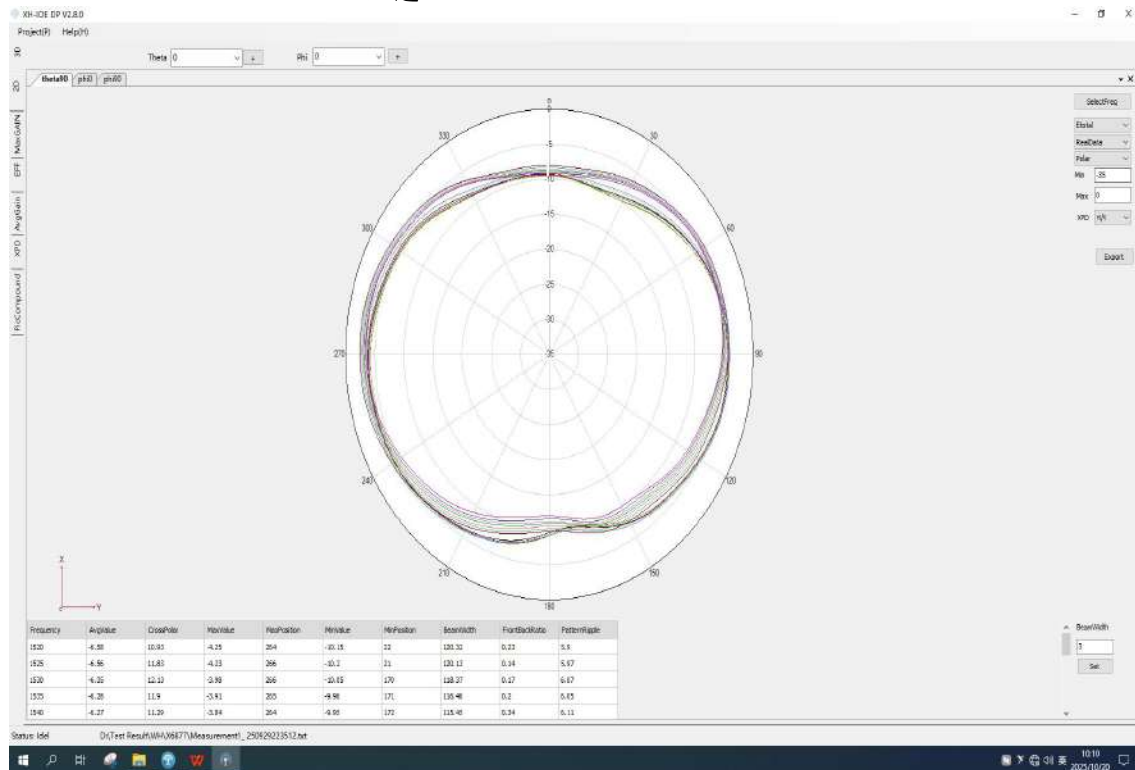


WIFI2.4G+5GMIMO0 Phi=0deg

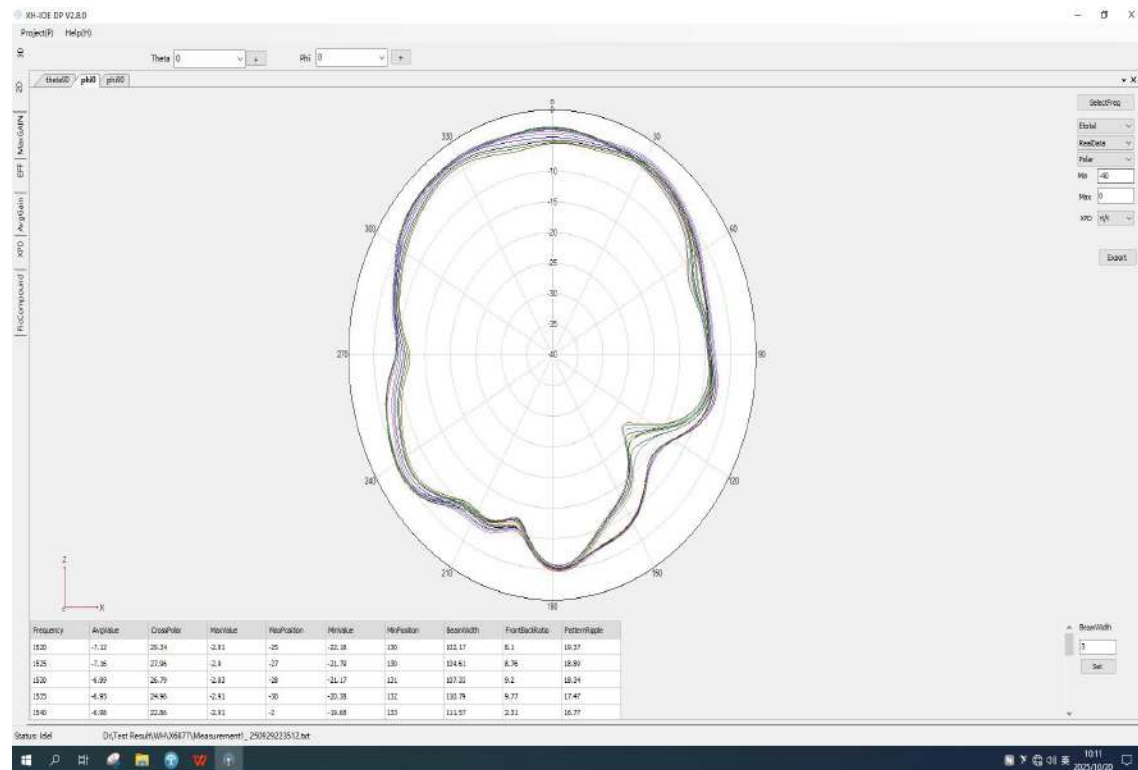


WIF12.4G+5GMIMO0 Phi=90deg

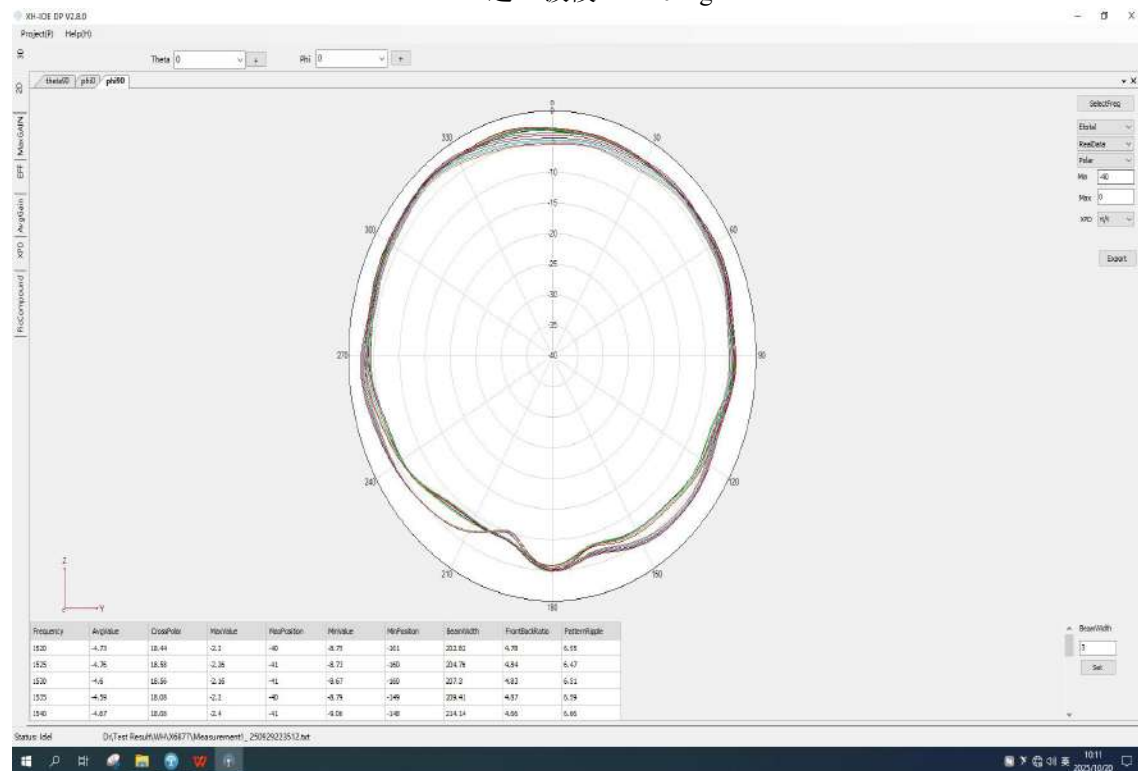
ANT14 GPS L1+N77/78PRX2+卫通 L



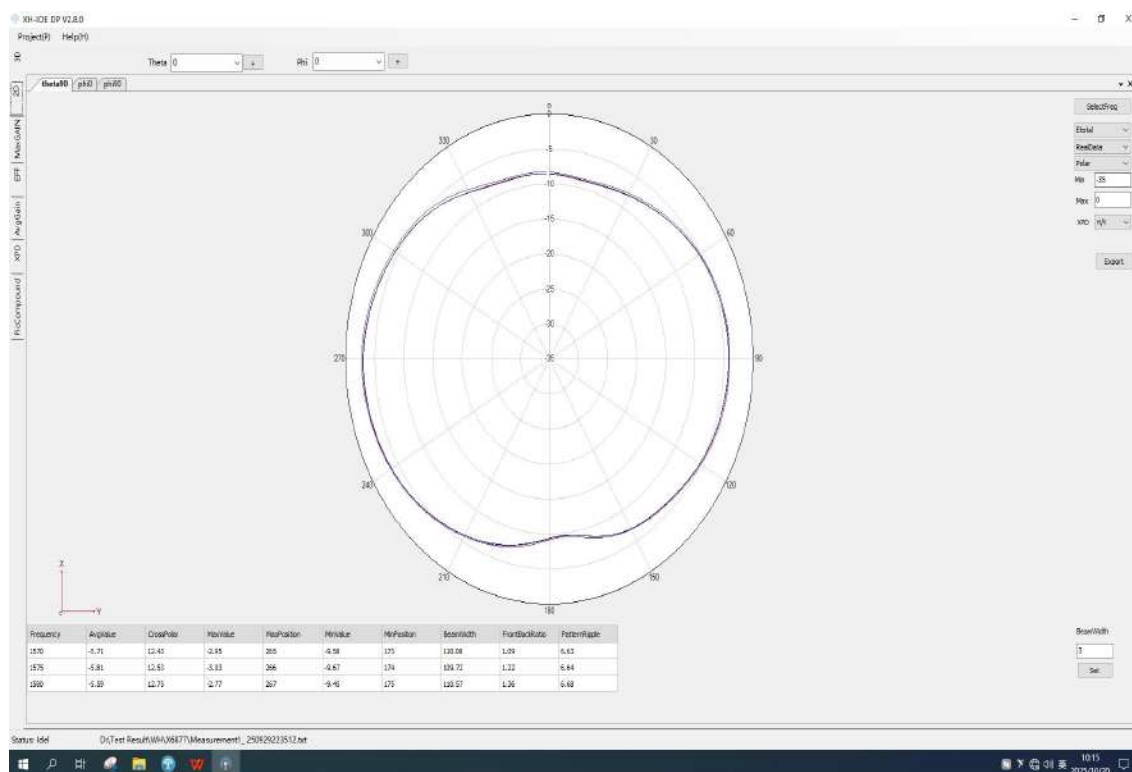
卫通 L 波段 Theta=90deg



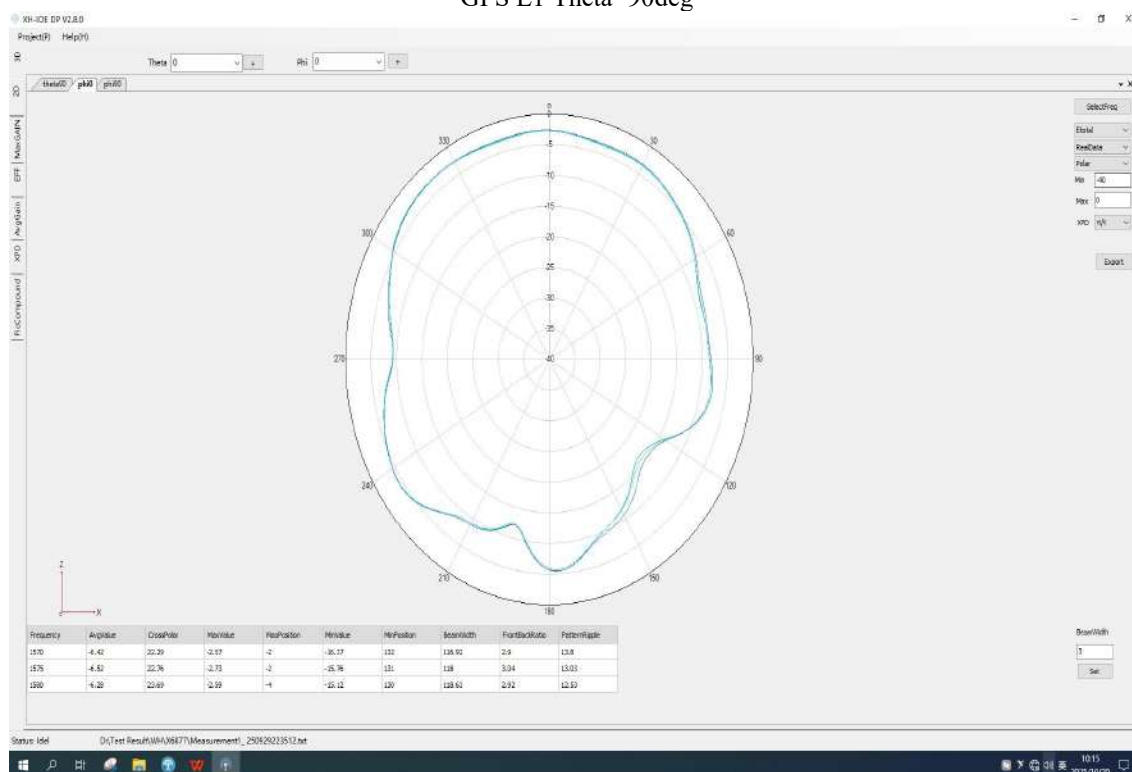
卫通 L 波段 $\Phi=0^\circ$



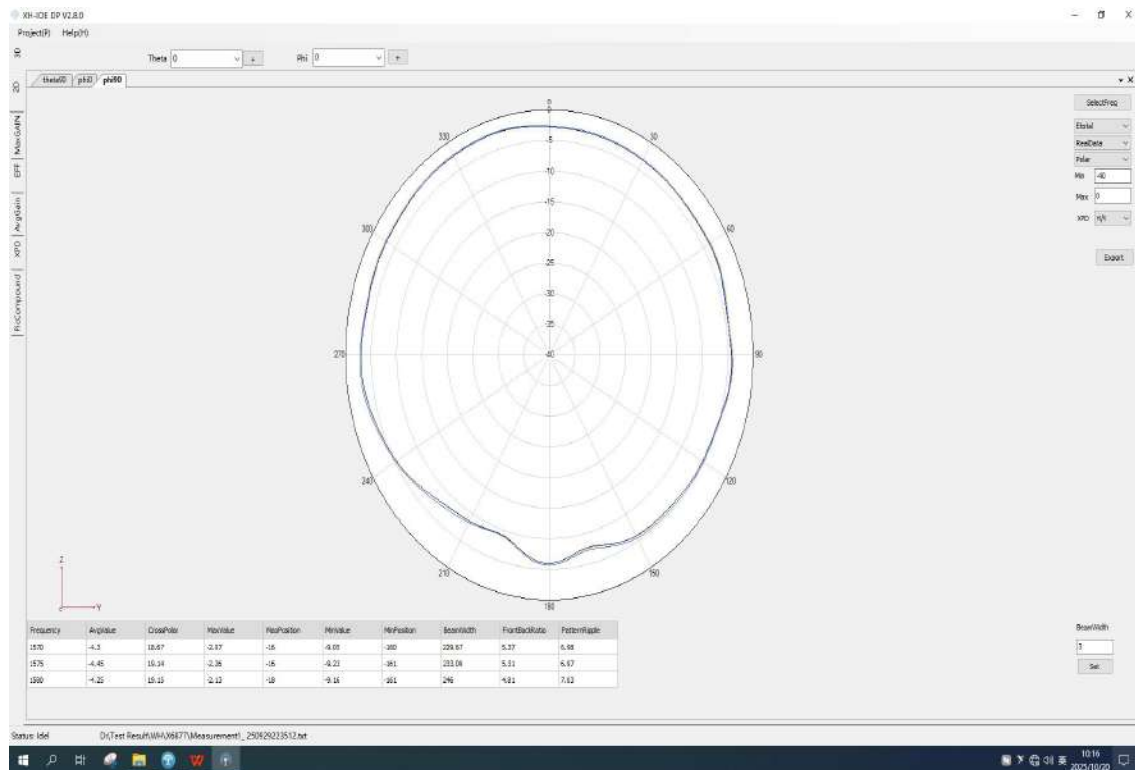
卫通 L 波段 $\Phi=90^\circ$



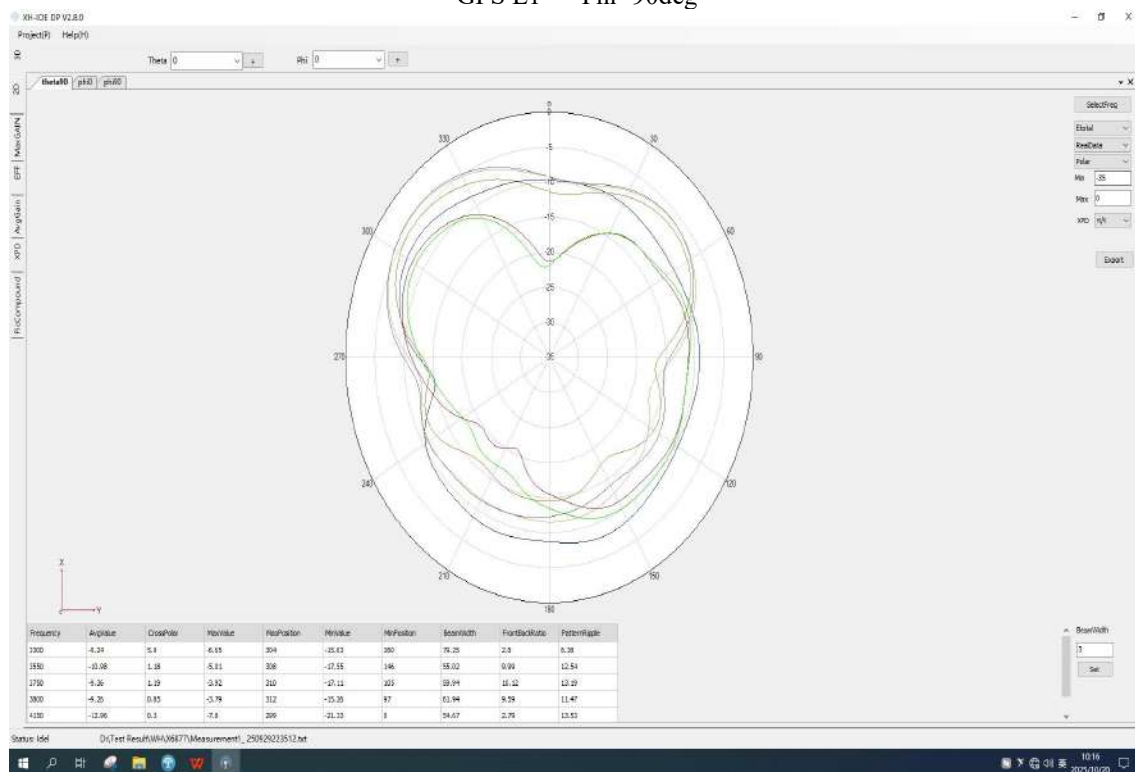
GPS L1 Theta=90deg



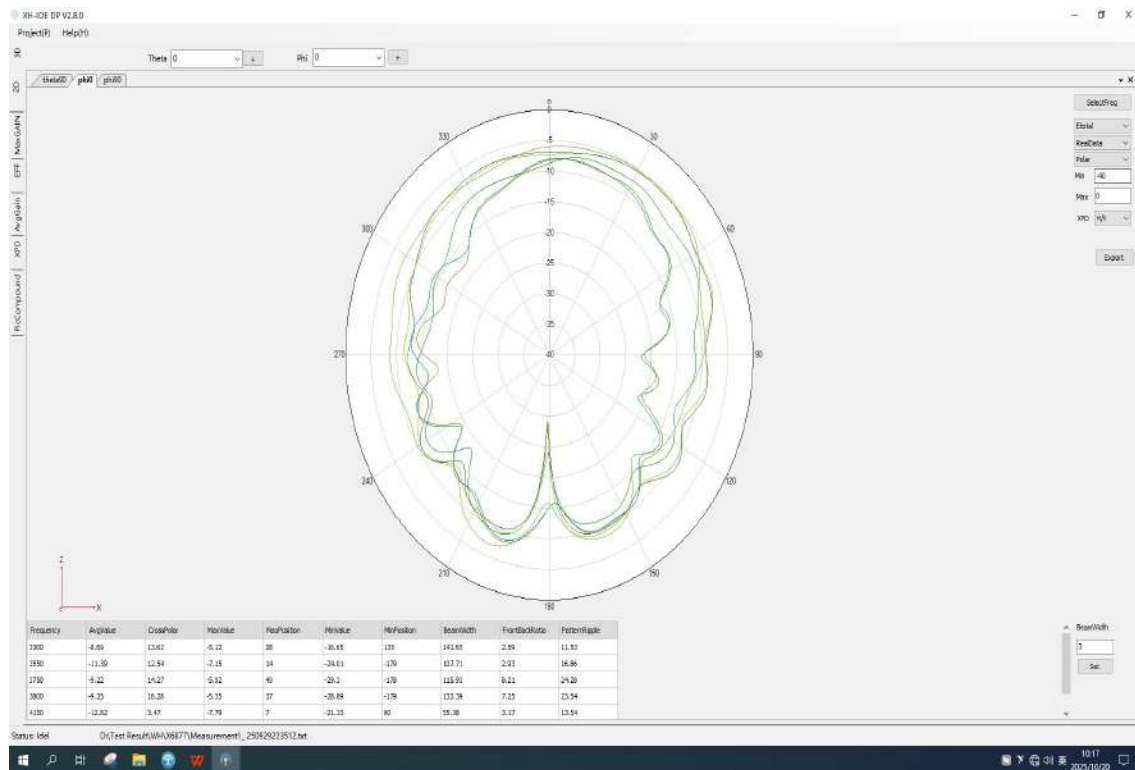
GPS L1 Phi=0deg



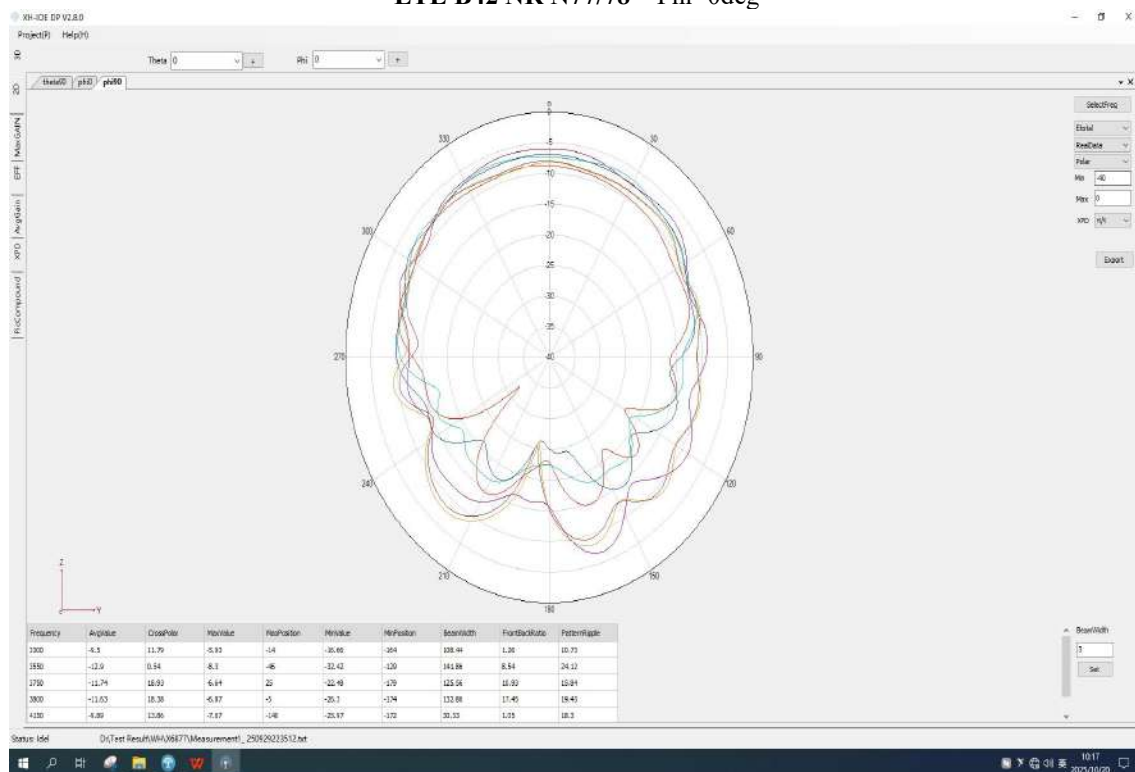
GPS L1 Phi=90deg



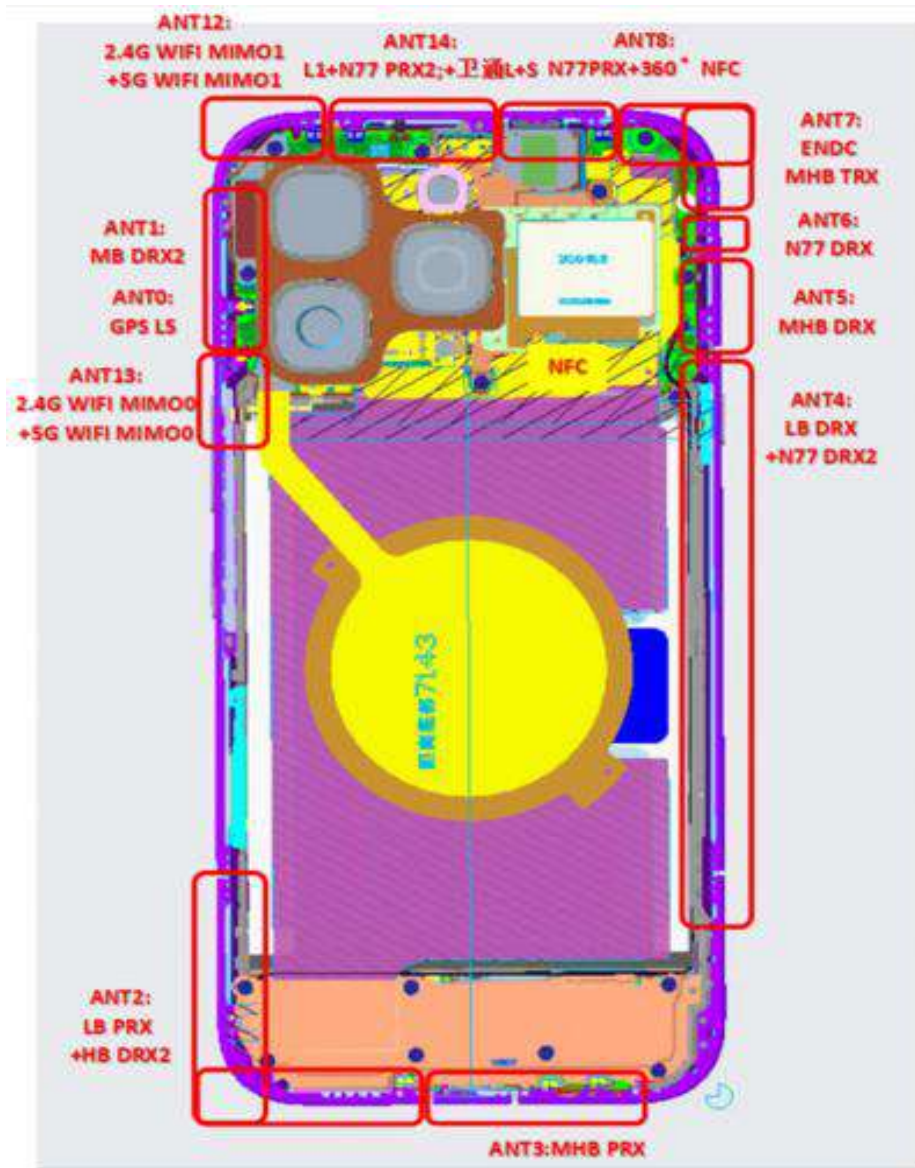
LTE B42 NR N77/78 Theta=90deg



LTE B42 NR N77/78 Phi=0deg



LTE B42 NR N77/78 Phi=90deg



叠层表

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