



Feature

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

Main Antenna

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/B66
NR Mode N1/N3/N5/N7/N8/N12/N20/N28/N38/N40/N41/N66/N77/N78

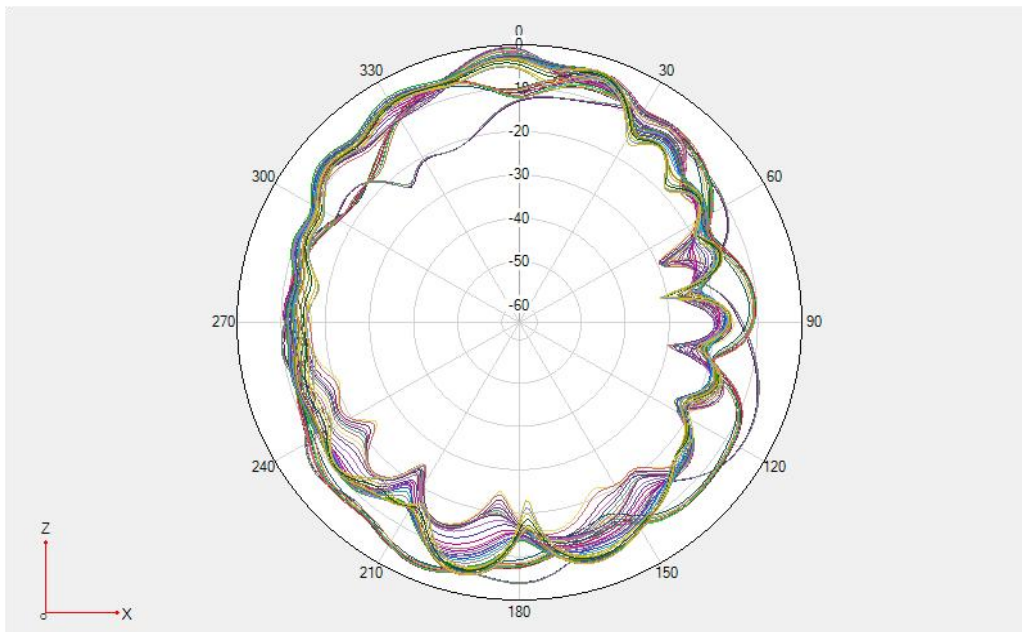
别漏掉下表面的表格

Name and address of the antenna manufacturer	Model number of the antenna
Etheta Communication Technology (ShenZhen) Co.Ltd Zone B and Zone D, 3/F, Building 1, Baisha Science and Technology Industrial Park, No. 3011, Shahe West Road, Nanshan District, Shenzhen	X6710_ANT1-V0.4 X6710_ANT2-V0.4 X6710_ANT3-V0.4 X6710_ANT4-V0.4 X6710_ANT5-V0.4 X6710_ANT6-V0.4 X6710_ANT7-V0.4 X6710_ANT8-V0.4

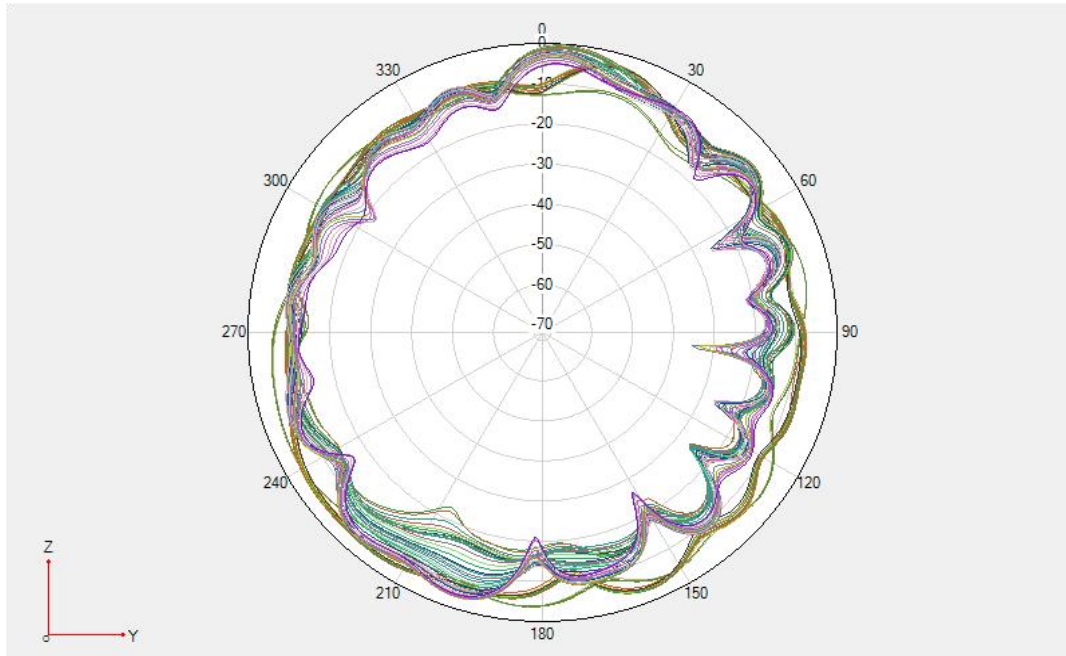
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 NR n5: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8 NR n8: 880 – 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: 1710 – 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1 NR n1: 1920 – 1980MHz
	LTE B7 NR n7:2496-2565MHz
	LTE B40 NR n40:2300-2400MHz
	LTE B38/B41 NR n38/n41:2565-2645MHz
	LTE B20 NR n20:832-862MHz
	LTE B12/B17/B28 NR n12/n28:710-755MHz
Receiver Frequency	NR n77/n78:3300-4200MHz
	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 B40 NR n40:2300-2400MHz
	LTE B38/41 NR n38/n41:2565-2645MHz
RF-Output Power (E.I.R.P)	LTE B20 NR n20:791-821MHz
	LTE B12/B17/B28 NR n12/n28:758-803MHz
	NR n77/n78:3300-4200MHz
	GSM850/900: 32+/-2dBm
Main Antenna Gain (Peak Gain)	DCS/PCS: 30+/-2dBm
	LTE B1/B2/B3/ B4/B5 /B7/B8/B17/B20/B28/B38/B40/B41/B66: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
	GSM 850/WCDMA B5/LTE B5 NR n5: -1.6
	GSM 900/WCDMA B8/LTE B8 NR n8: -1.4
	DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: -0.8
	PCS/WCDMA B2/LTE B2: -0.6

	WCDMA B1/LTE B1 NR n1: -0.6
	LTE B7/B38/B41 NR n7/n38/n41: -0.5
	LTE B40 NR n40: 0.3
	LTE B20 NR n20: -1.7
	LTE B12/B17/B28 NR n12/n28: -1.8
	NR n77/n78: -1.95
2Antenna Gain (Peak Gain)	Wifi2.4G: -1.22
	WiFi5G: -0.44
3in1 Antenna Gain (Peak Gain)	GPS: -3.41
	BT&WIFI 2.4G: -2.65 5G: 0.25
Type of Modulation	
5Antenna Gain (Peak Gain)	LTE B7/B41: -6.5

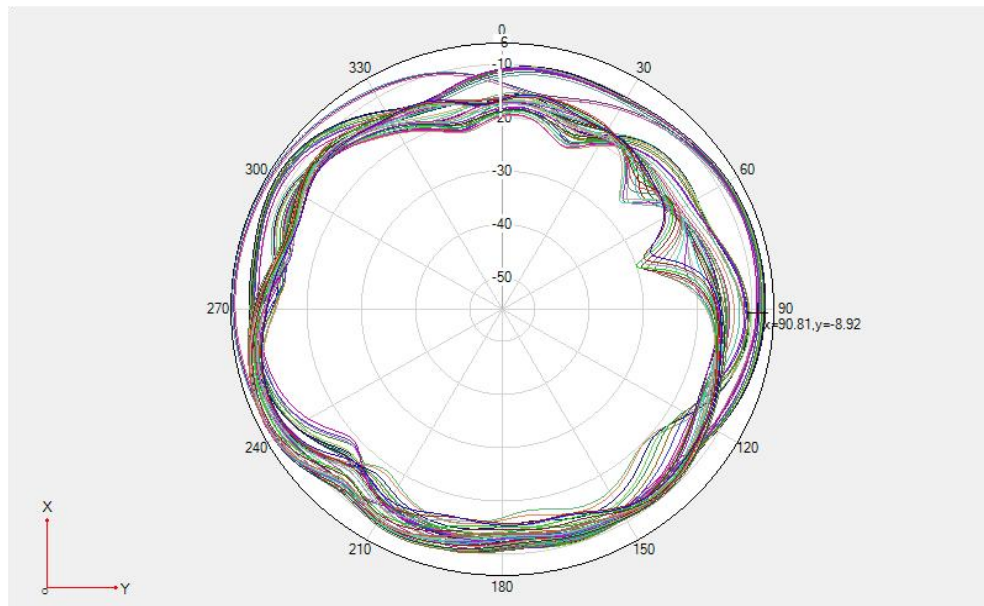
※ Antenna Gain
Antenna 1



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



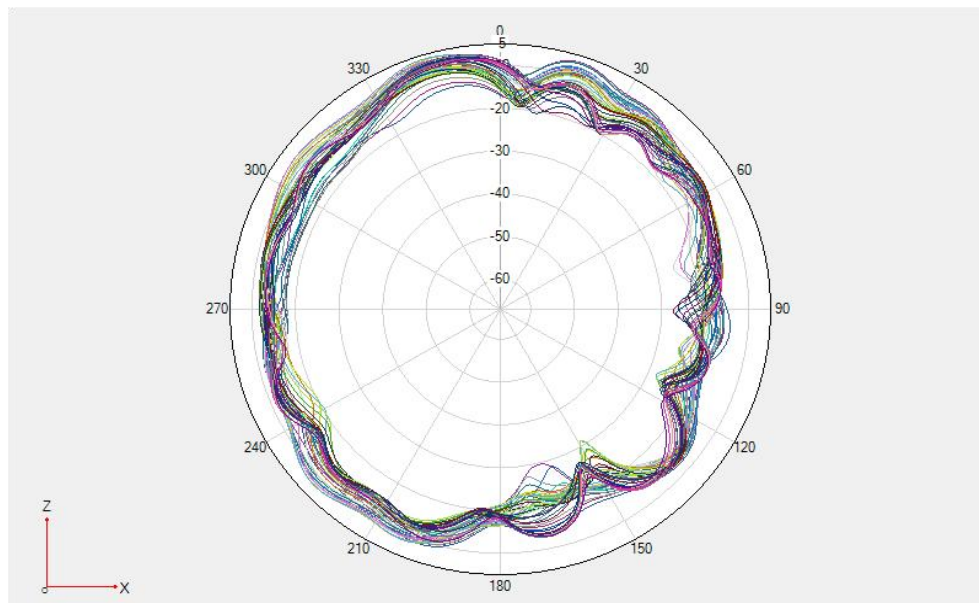
GPS&2.4G WIFI&BT; 5G WIFI $\Phi=90^\circ$



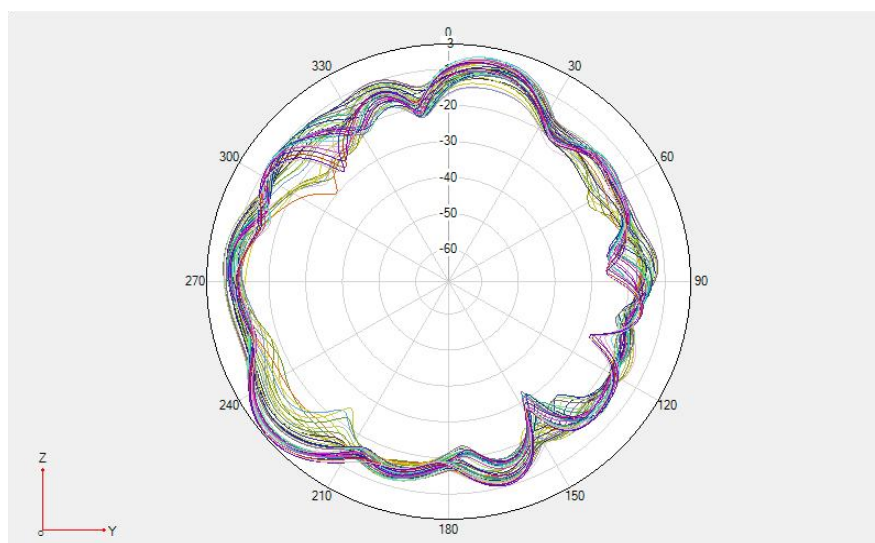
GPS&2.4G WIFI&BT; 5G WIFI $\Theta=90^\circ$

※ Antenna Gain

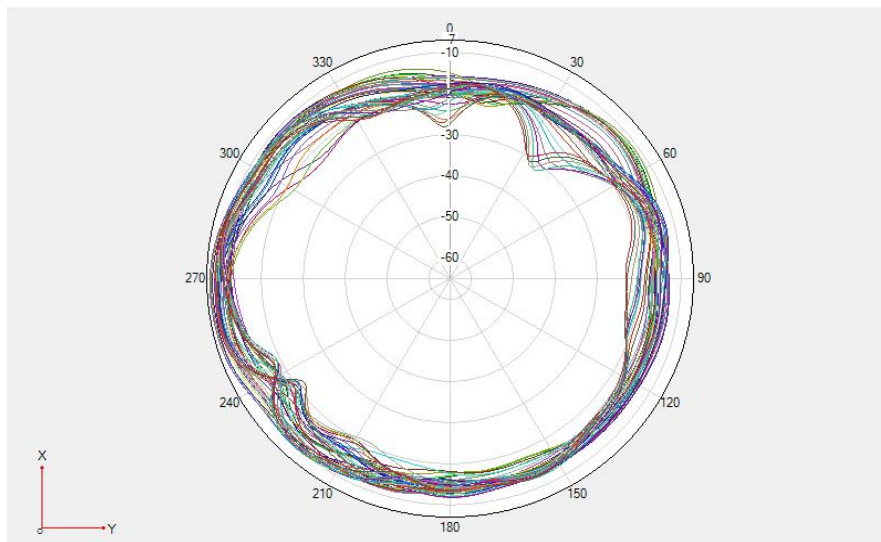
Antenna 2



n77/78 $\Phi=0^\circ$

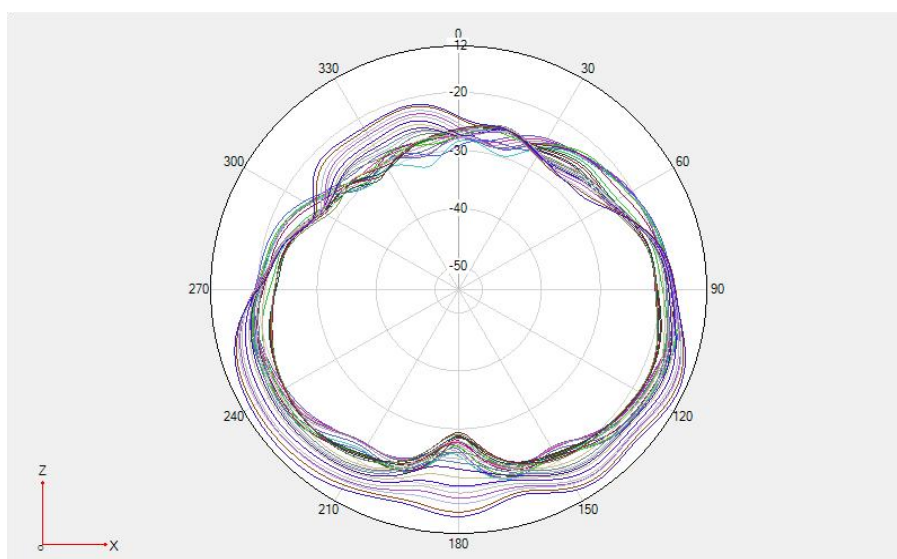


n77/78 $\Phi=90^\circ$

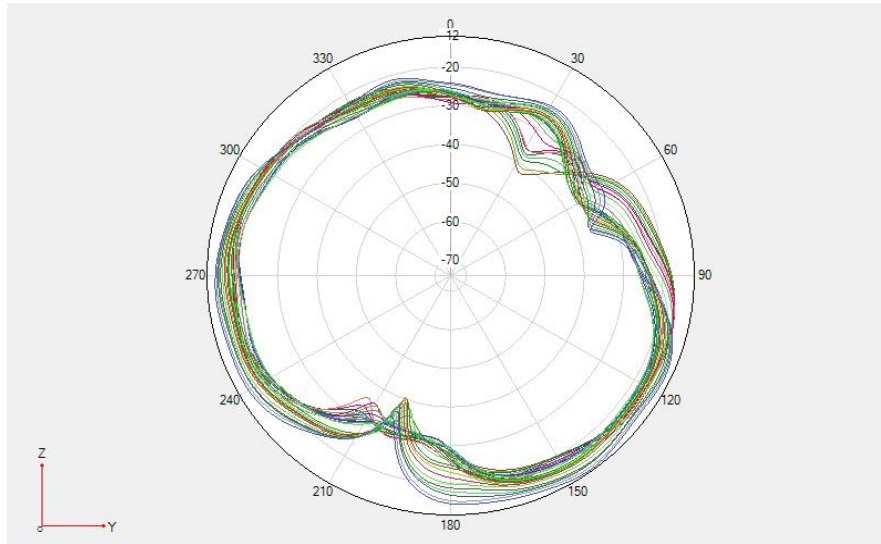


n77/78 Theta=90deg

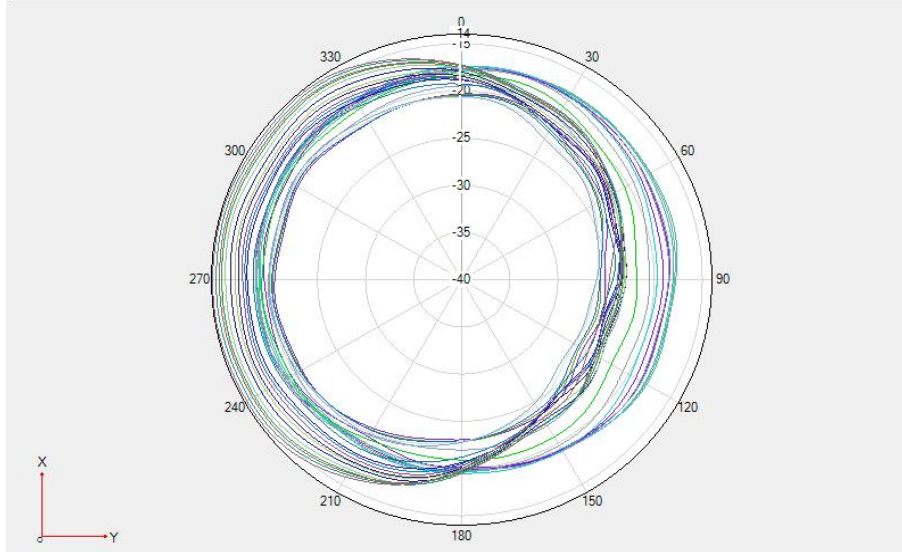
Antenna 7



GSM850/900 / WCDMA B5/B8 / LTE B5/B8/B12/B17/B20/B28 NR n5/n8/n20/n28 Phi=0deg



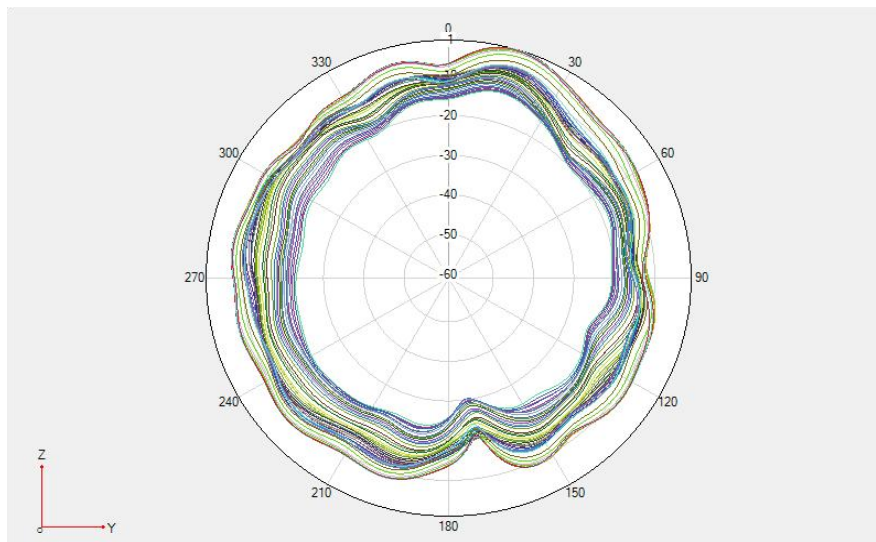
GSM850/900 / WCDMA B5/B8 / LTE B5/B8/B12/B17/B20/B28 NR n5/n8/n20/n28 Phi=90deg



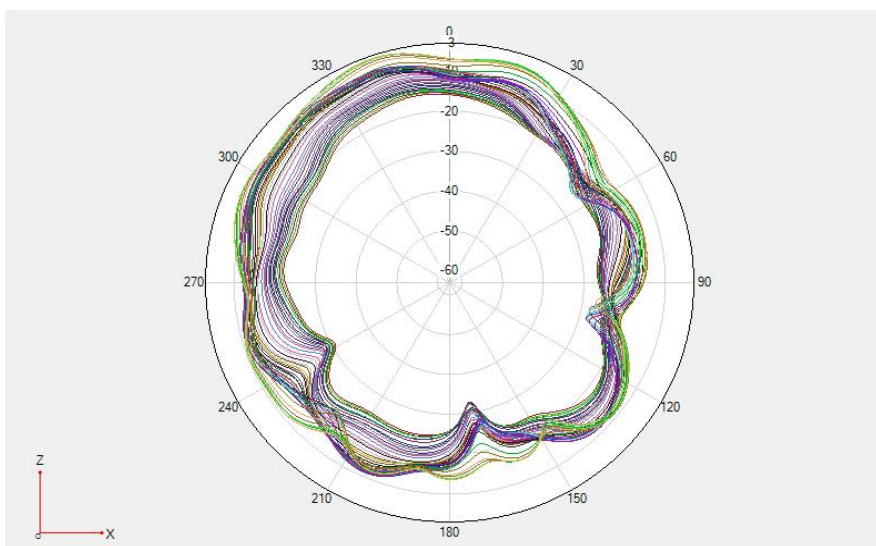
GSM850/900 / WCDMA B5/B8 / LTE B5/B8/B12/B17/B20/B28 NR n5/n8/n20/n28 Theta=90deg

※ Antenna Gain

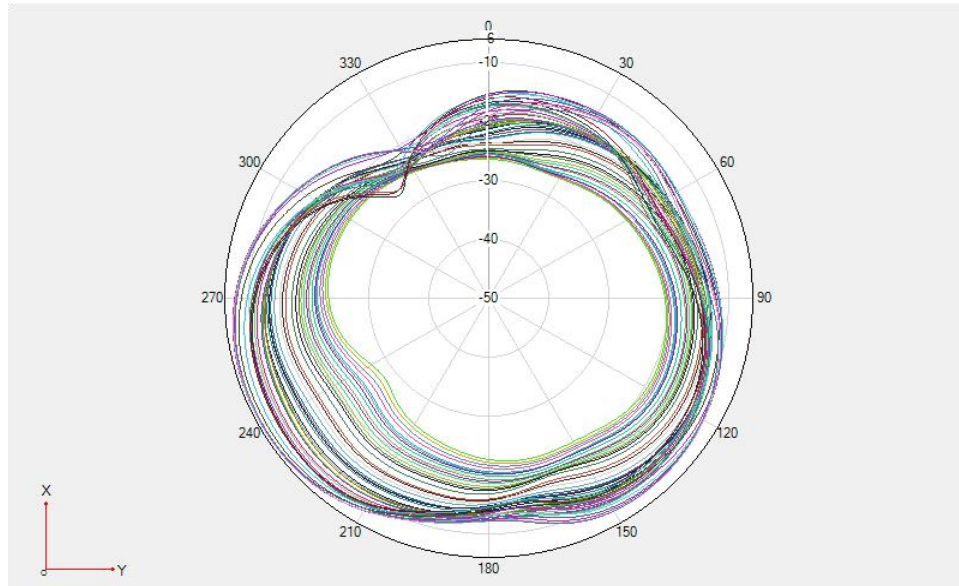
Antenna 7



DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 NR n1/n3 $\Phi=0^\circ$



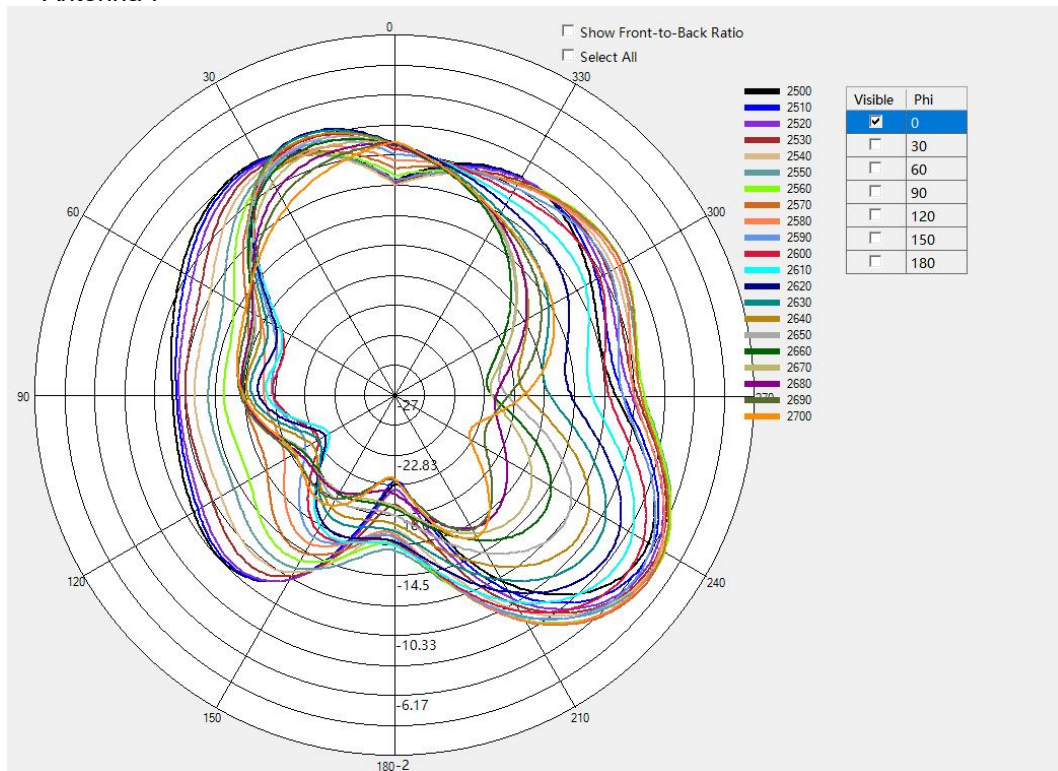
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 NR n1/n3 $\Phi=90^\circ$



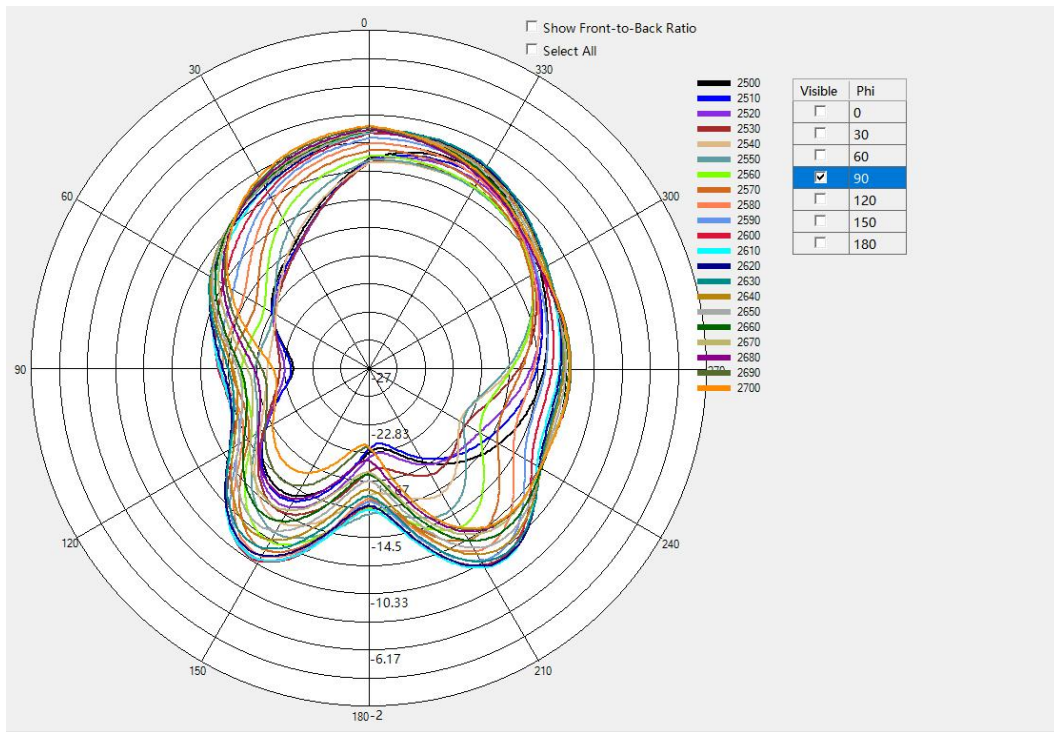
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 NR n1/n3 Theta=90deg

※ Antenna Gain

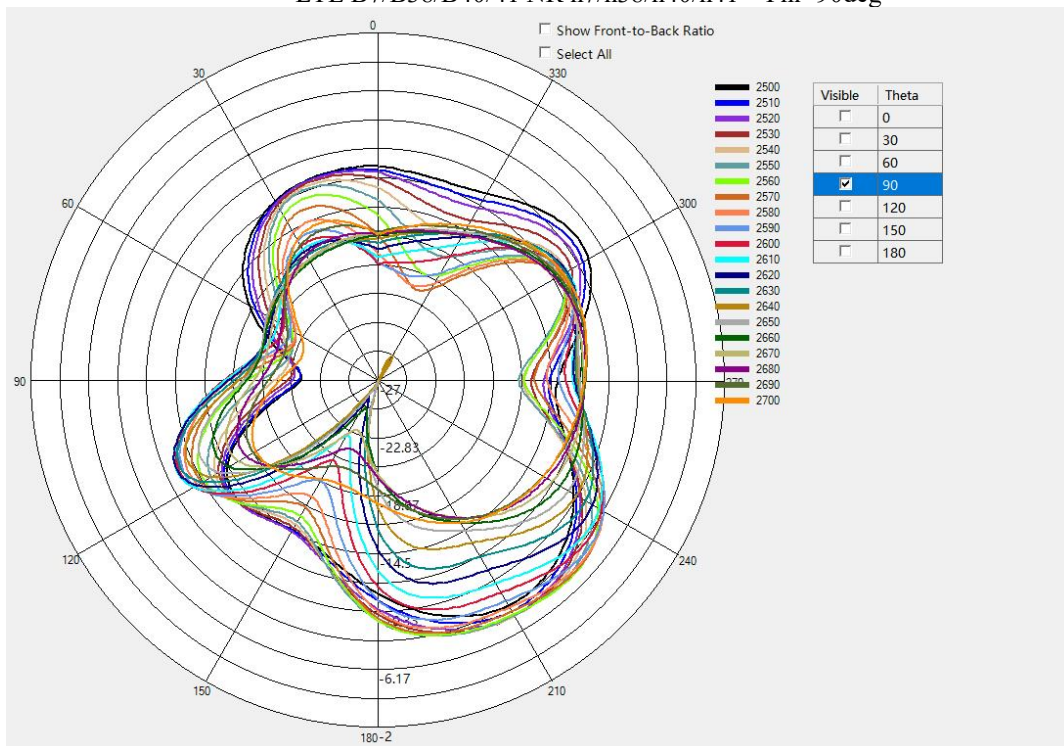
Antenna 7



LTE B7/B38/B40/41 NR n7/n38/n40/n41 Phi=0deg



LTE B7/B38/B40/41 NR n7/n38/n40/n41 Phi=90deg



LTE B7/B38/B40/41 NR n7/n38/n40/n41 Theta=90deg



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Ning.Liu		DATE:	2022/12/05