

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/B40/B41/B66

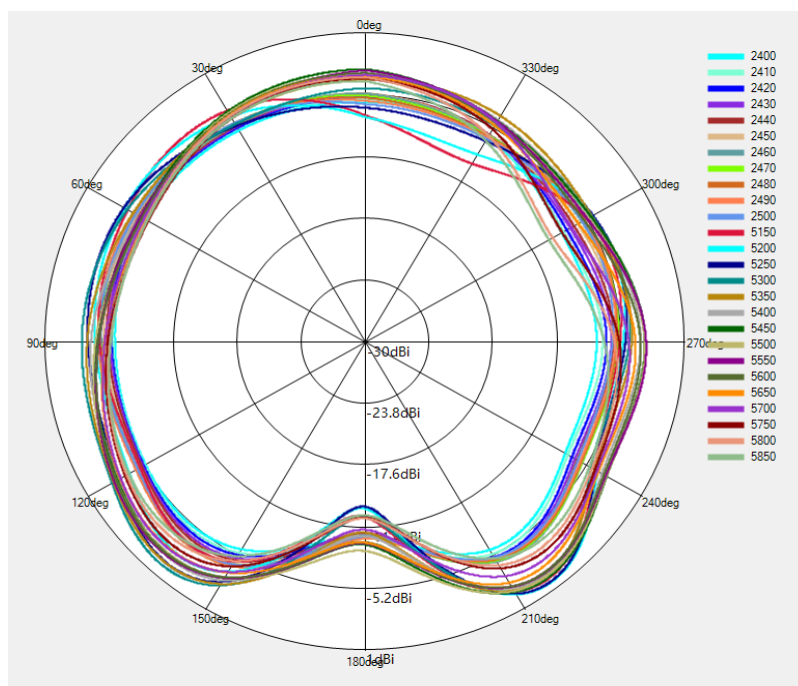
Name and address of the antenna manufacturer	Model number of the antenna
Etheta Communication Technology (ShenZhen) Co.Ltd Zone B and Zone D, 3/F, Building 1, Baisha Science and Technology Industrial Park, No. 3011, Shahe West Road, Nanshan District, Shenzhen	LI7-ANT0-RD-XX-XX LI7-ANT1-RD-XX-XX LI7-ANT2-RD-XX-XX LI7-ANT12-RD-XX-XX LI7-ANT13-RD-XX-XX LI7-ANT14-RD-XX-XX (XX:Version-Date)

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 B40:2300-2400MHz
		LTE B38/B41:2565-2645MHz
		LTE B20:832-862MHz
		LTE B12/B17/B28:710-755MHz
		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
Receiver Frequency		WCDMA B1/LTE B1: 2110 - 2170MHz
		LTE B7:2620-2690MHz
		LTE B40:2300-2400MHz
		LTE B38/41:2565-2645MHz
		LTE B20:791-821MHz
		LTE B12/B17/B28:758-803MHz
		GSM850/900: 32+/-2dBm
		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
RF-Output Power (E.I.R.P)		
Antenna Gain	ANT0	GSM 850/WCDMA B5/LTE B5: -7.29dB
		GSM 900/WCDMA B8/LTE B8: -5.61dB
		DCS/LTE B3/B66: -0.37dB
		WCDMA 4/LTE B4: 0.5dB
		PCS/WCDMA B2/LTE B2:-1.65dB
		WCDMA B1/LTE B1: 0.28dB
		LTE B7:-0.63dB
		LTE B40:-3.83dB
		LTE B38/41:-0.07dB
		LTE B20:-7.08dB

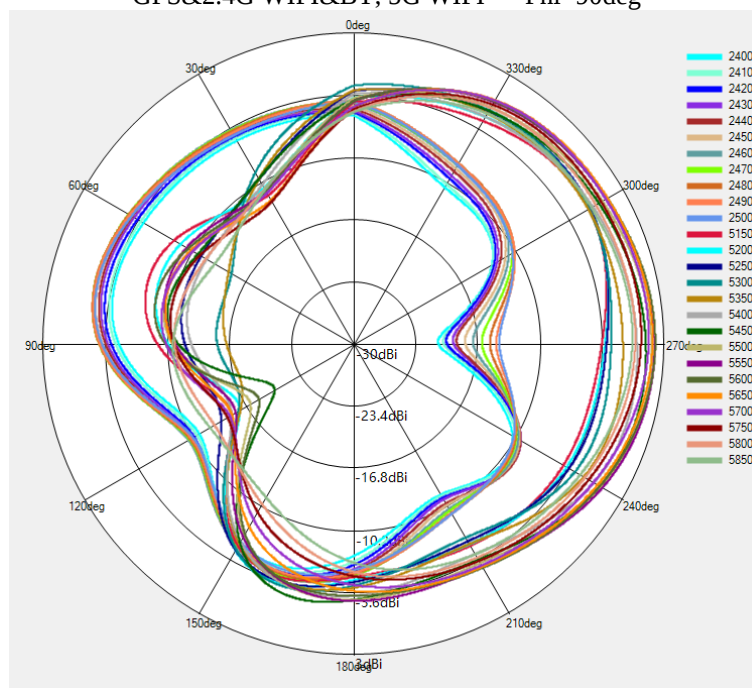
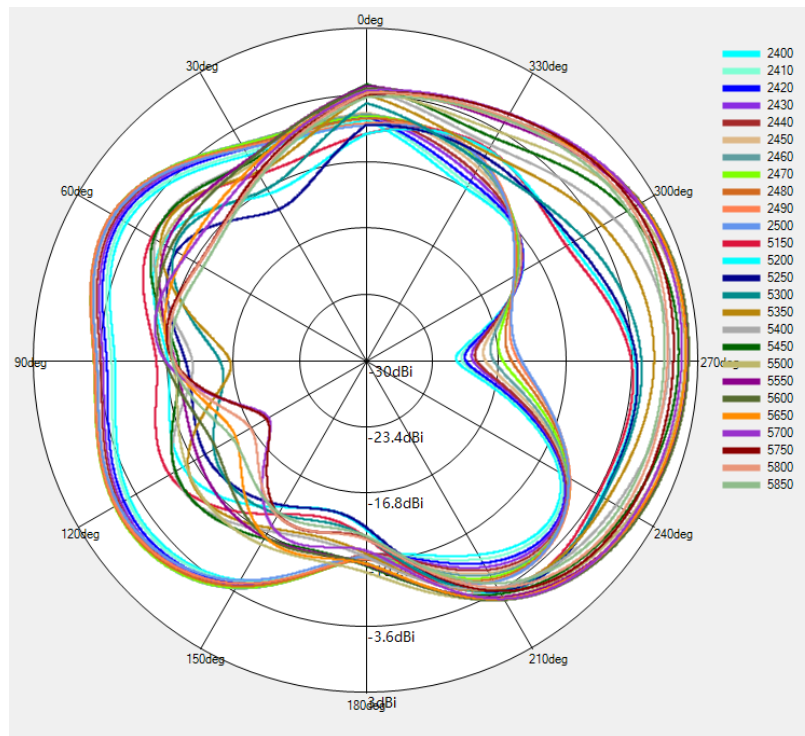
Type of Modulation		LTE B12/B17/B28:-6.45dB
	ANT1	LTE B1: -6.58dB
		LTE B3: -9.32dB
	ANT2	GSM 850/WCDMA B5/LTE B5: -7.35dB
		GSM 900/WCDMA B8/LTE B8: -5.54dB
		DCS /WCDMA B4/LTE B3/B4/B66: -1.65dB
		PCS/WCDMA B2/LTE B2: -1.21dB
		WCDMA B1/LTE B1: -1.67dB
		LTE B7/B38/B41:-2.41dB
		LTE B40: -4.38dB
		LTE B20:-6.76dB
		LTE B12/B17/B28:-6.85dB
	ANT12	WIFI 2.4G/BT: -1.34dB 5G: 0.72dB
	ANT13	GPS(L5):-0.1dB
	ANT14 ()	WIFI 2.4G/BT: -2.15dB

※ Antenna Gain

ANT12

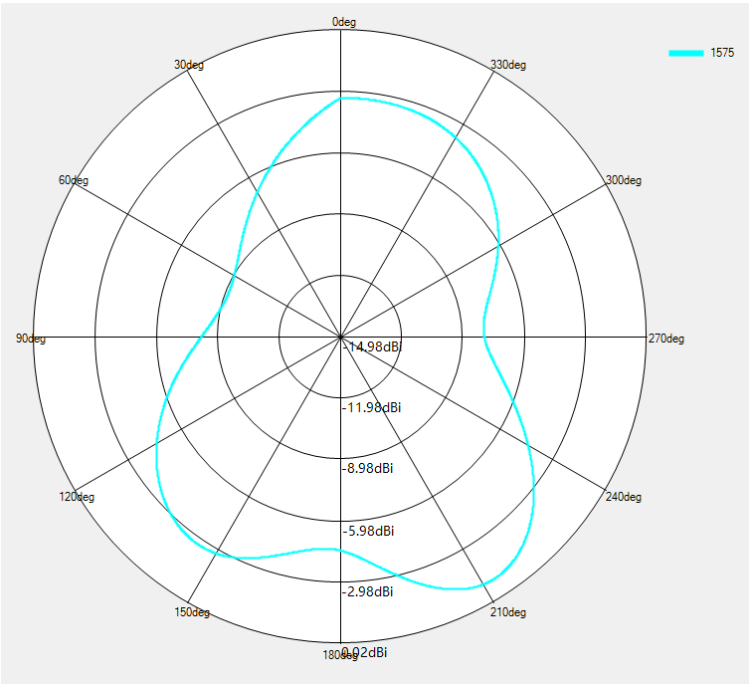


GPS&2.4G WIFI&BT; 5G WIFI Phi=0deg

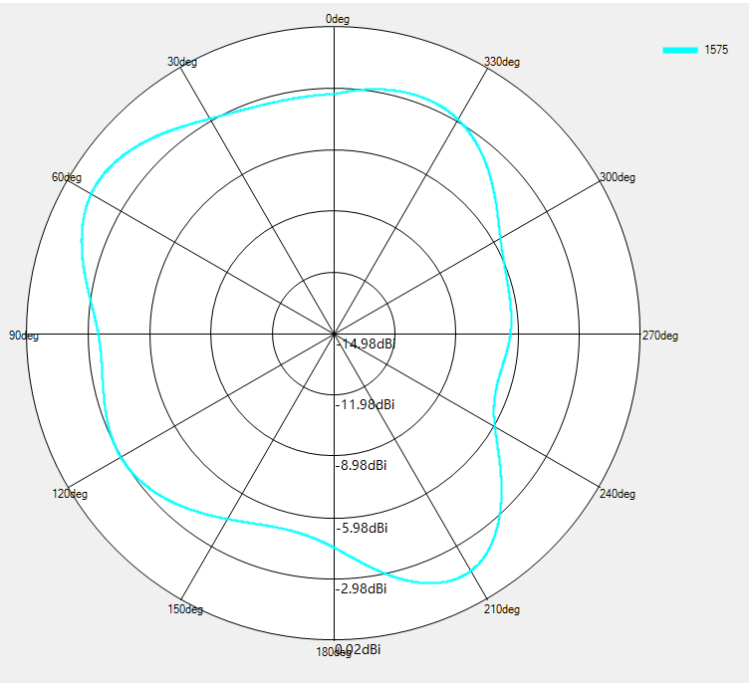


※ Antenna Gain

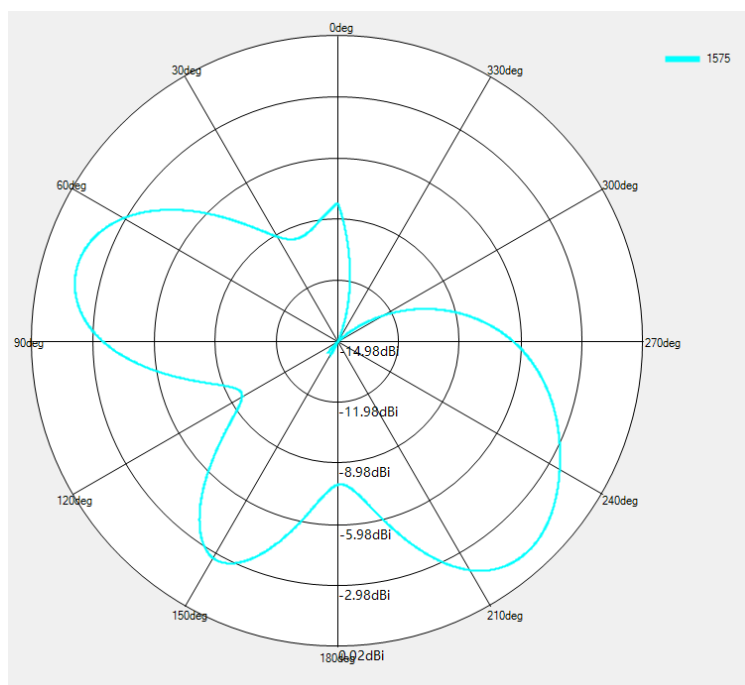
ANT13



GPS $\Phi=0^\circ$



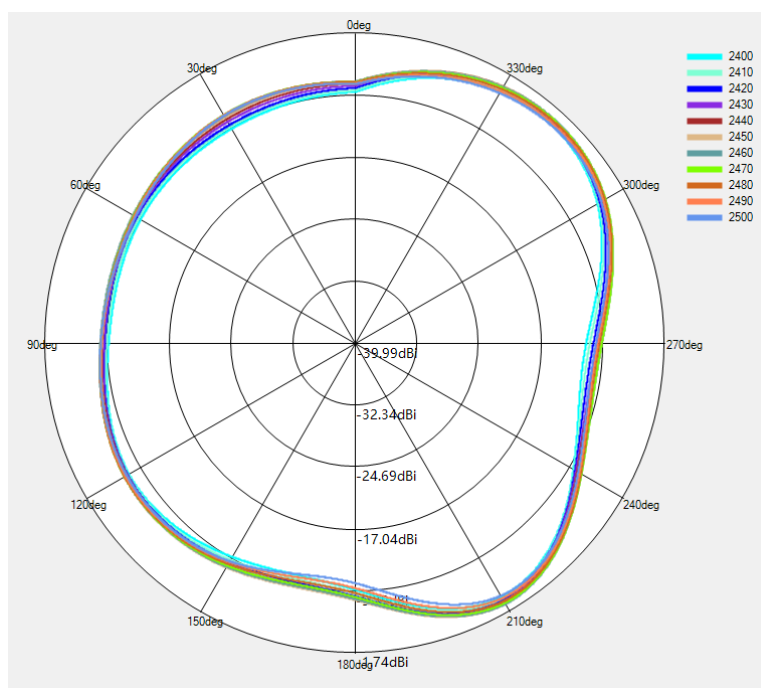
GPS $\Phi=90^\circ$



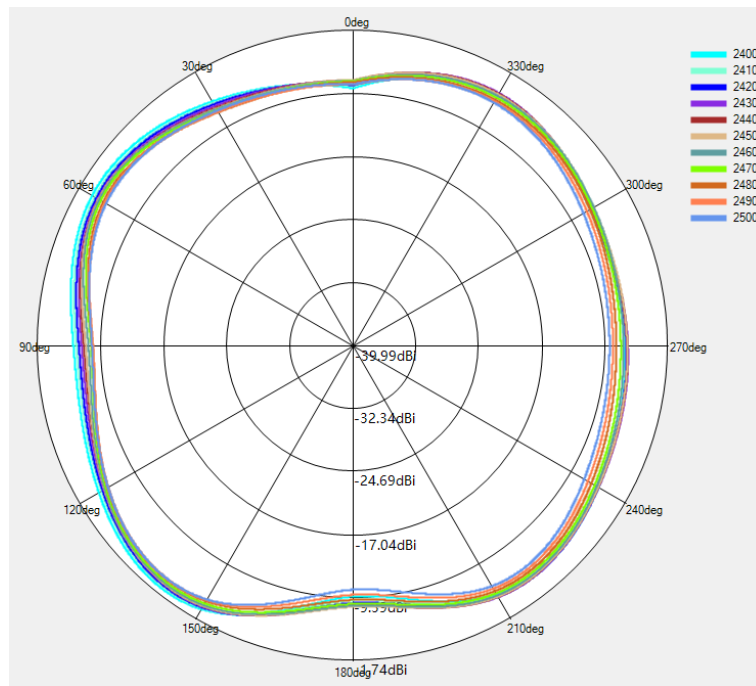
GPS Theta=90deg

※ Antenna Gain

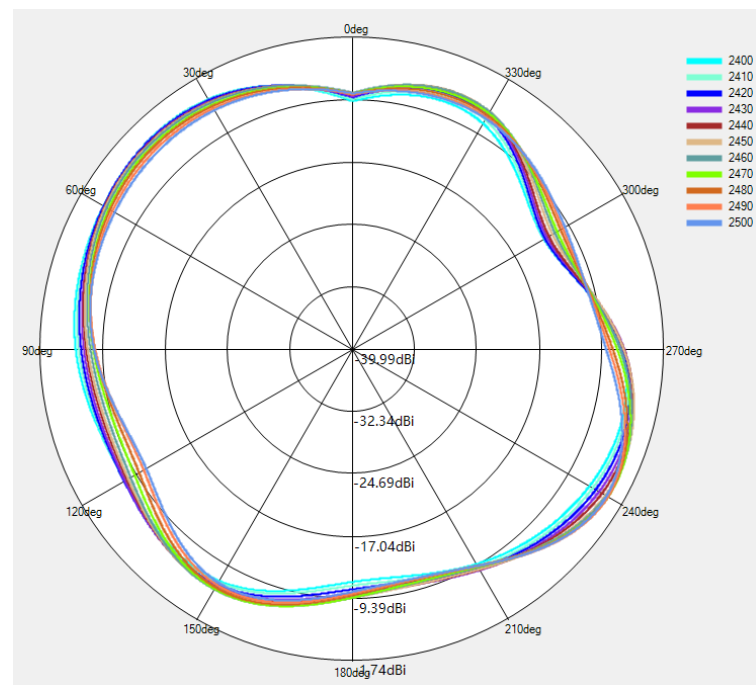
ANT14



2.4G WIFI&BT Phi=0deg



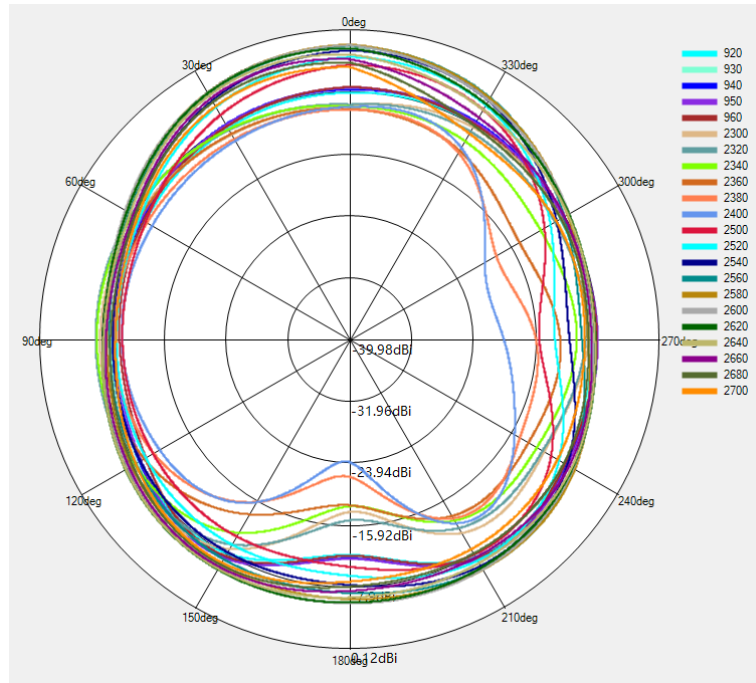
2.4G WIFI&BT Phi=90deg



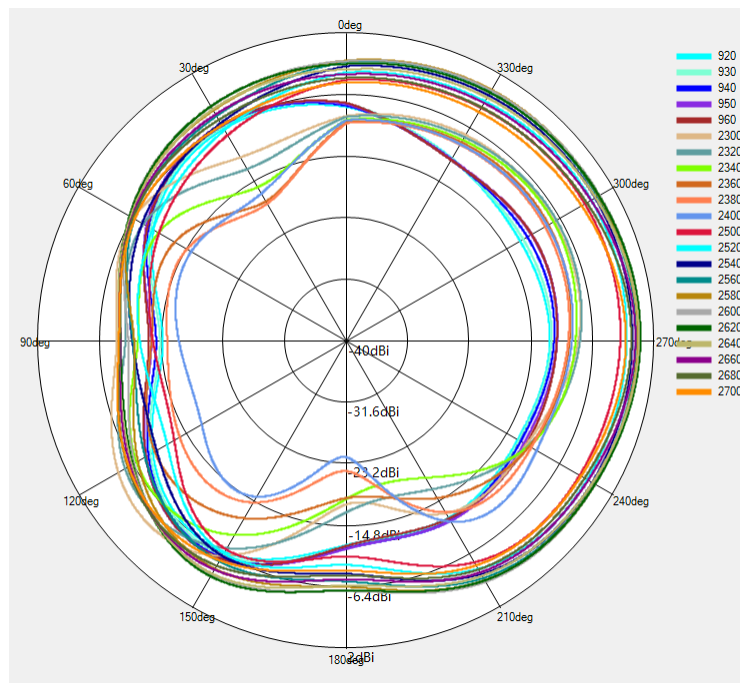
2.4G WIFI&BT Theta=90deg

※ Antenna Gain

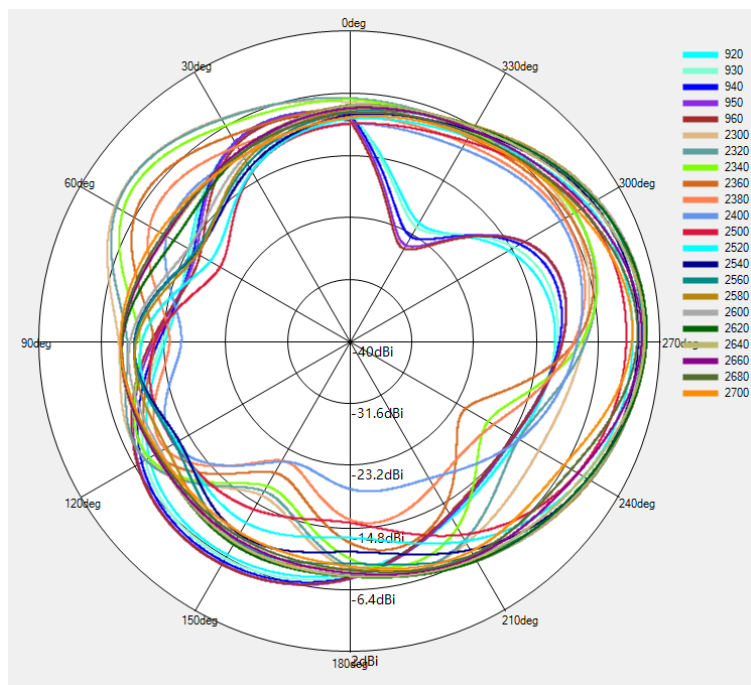
ANT0



GSM900 / WCDMA B8 / LTE B7/B8/B38/B40/B41 $\Phi=0^\circ$



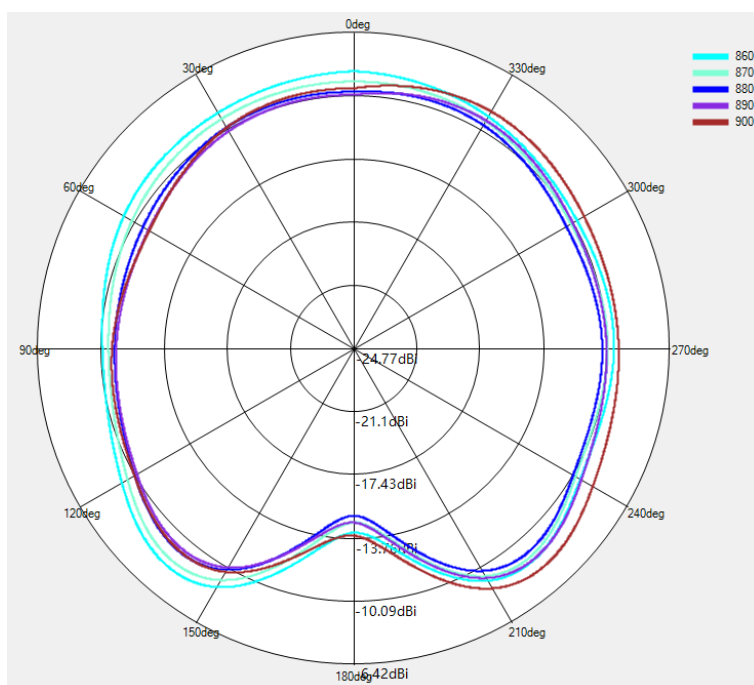
GSM900 / WCDMA B8 / LTE B7/B8/B38/B40/B41 $\Phi=90^\circ$



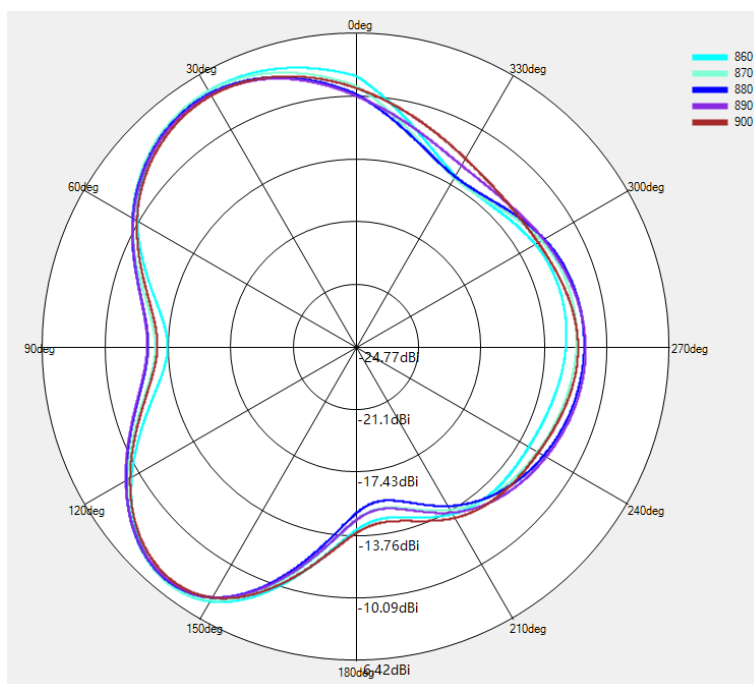
GSM900 / WCDMA B8 / LTE B7/B8/B38/B40/B41 Theta=90deg

※ Antenna Gain

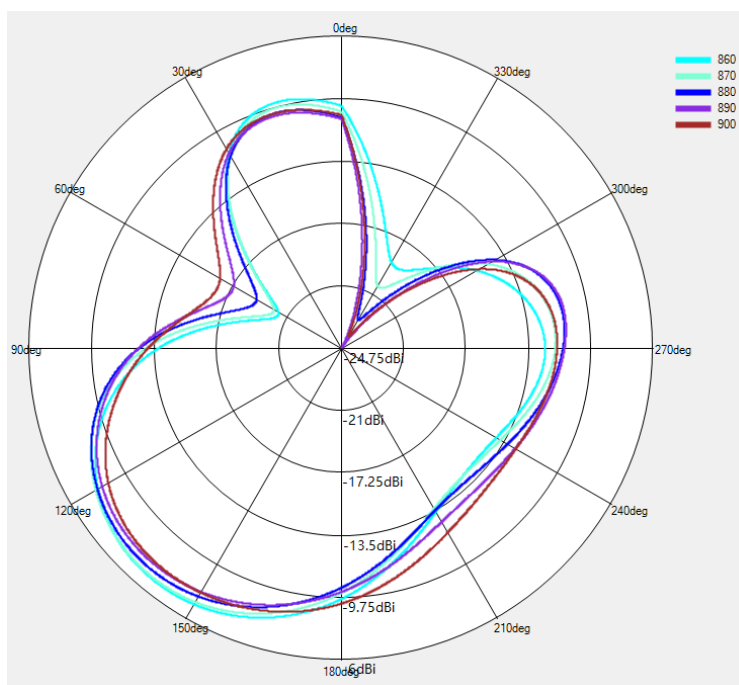
ANT0



GSM850 / WCDMA B5 / LTE B5 Phi=0deg

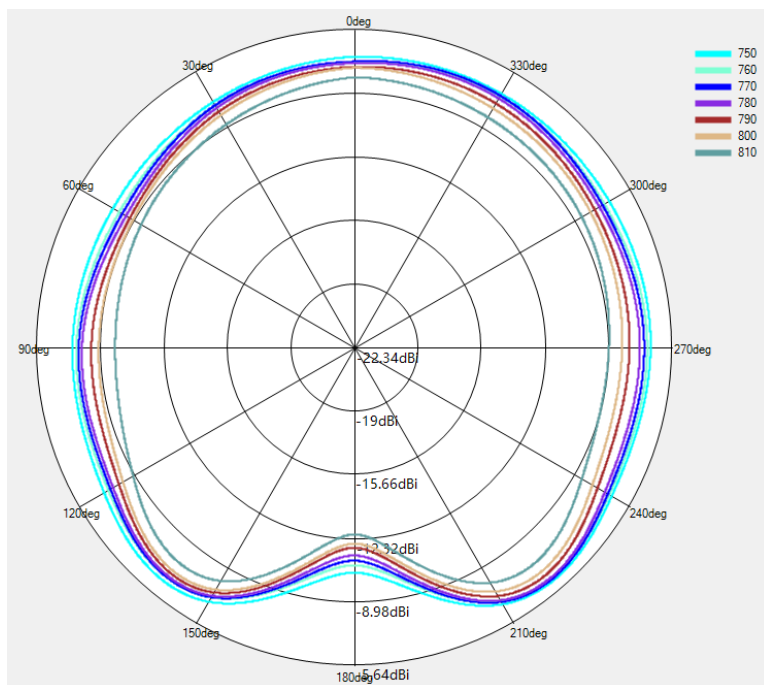


GSM850 / WCDMA B5 / LTE B5 Phi=90deg

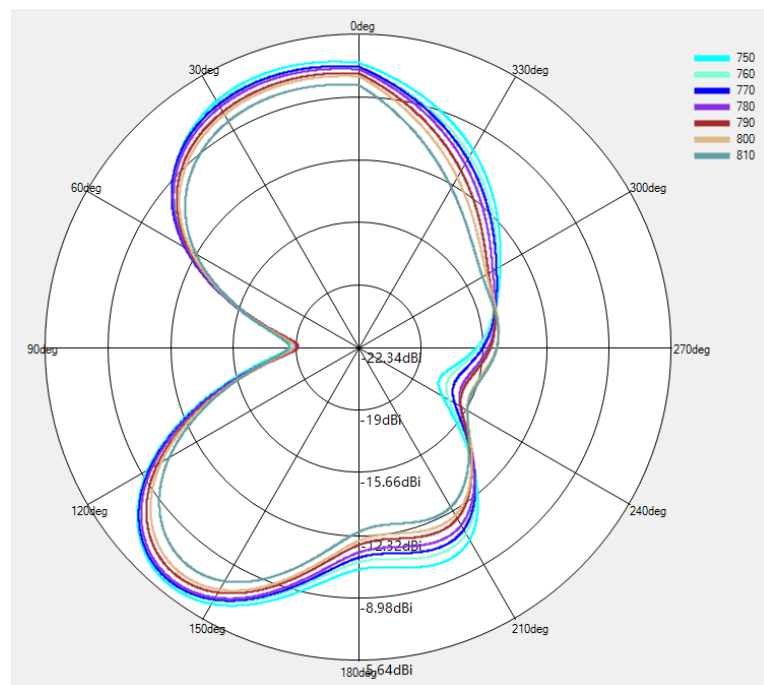


GSM850 / WCDMA B5 / LTE B5 Theta=90deg

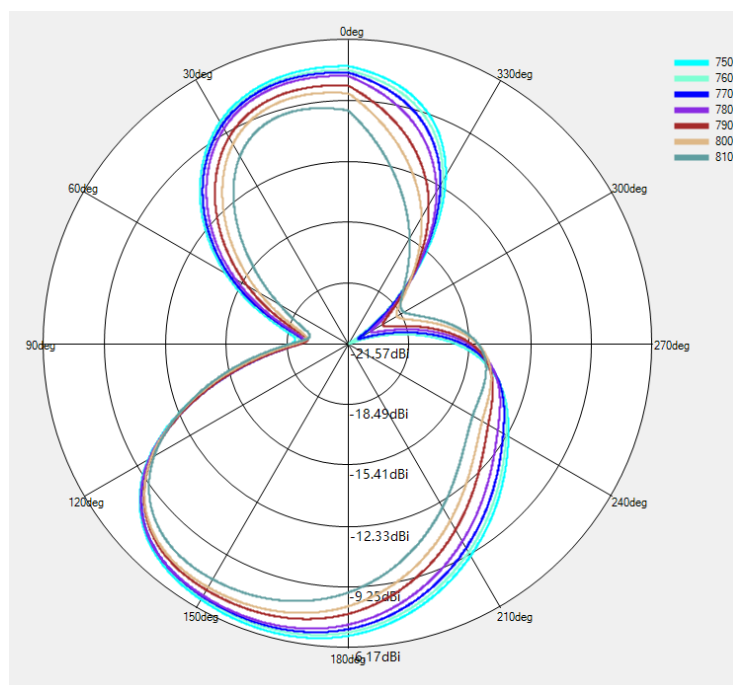
ANT0



LTE B12/B17/B20/B28 $\Phi=0^\circ$



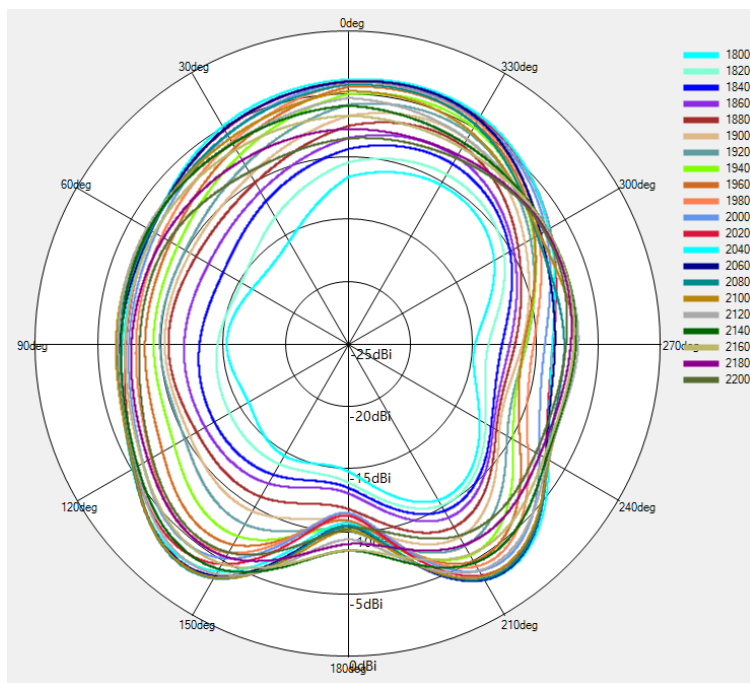
LTE B12/B17/B20/B28 $\Phi=90^\circ$



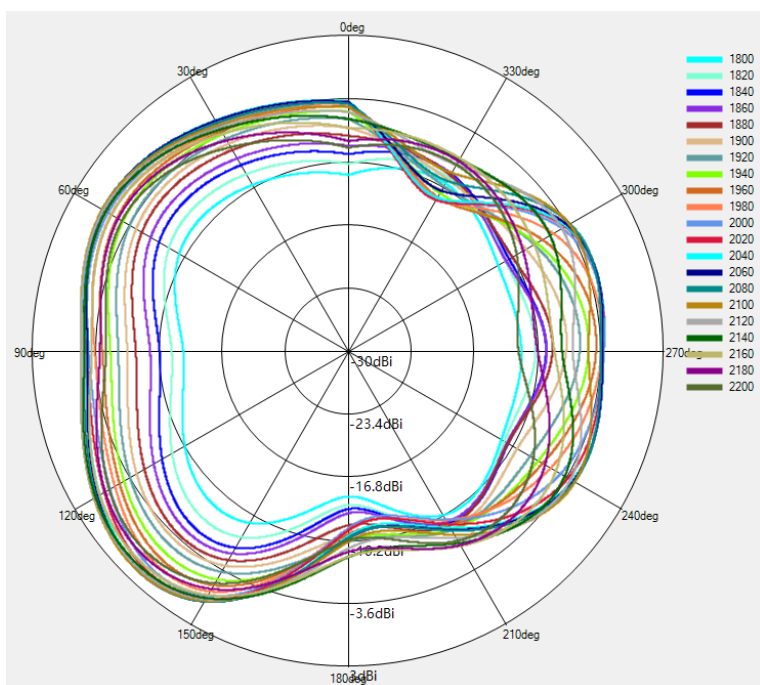
LTE B12/B17/B20/B28 Theta=90deg

※ Antenna Gain

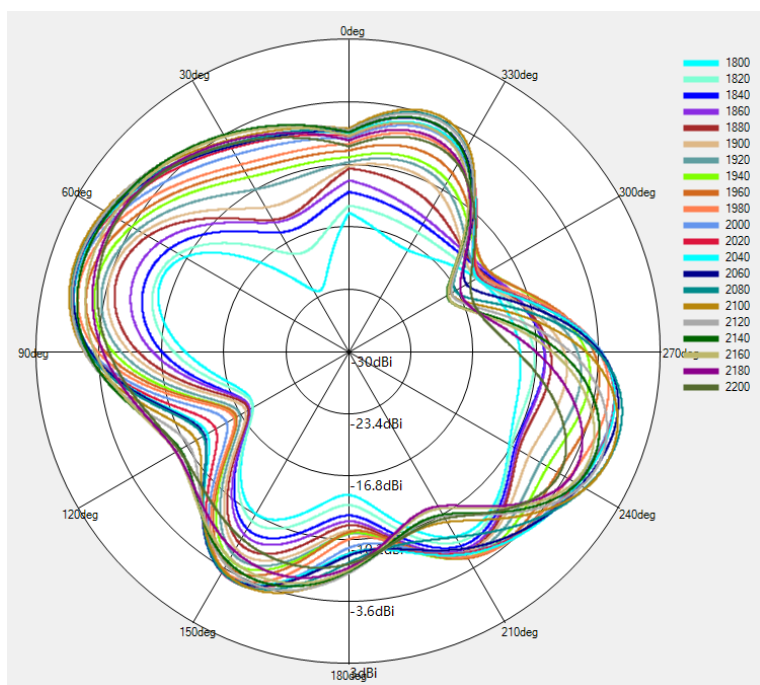
ANT0



DCS1800/PCS1900/ WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 Phi=0deg



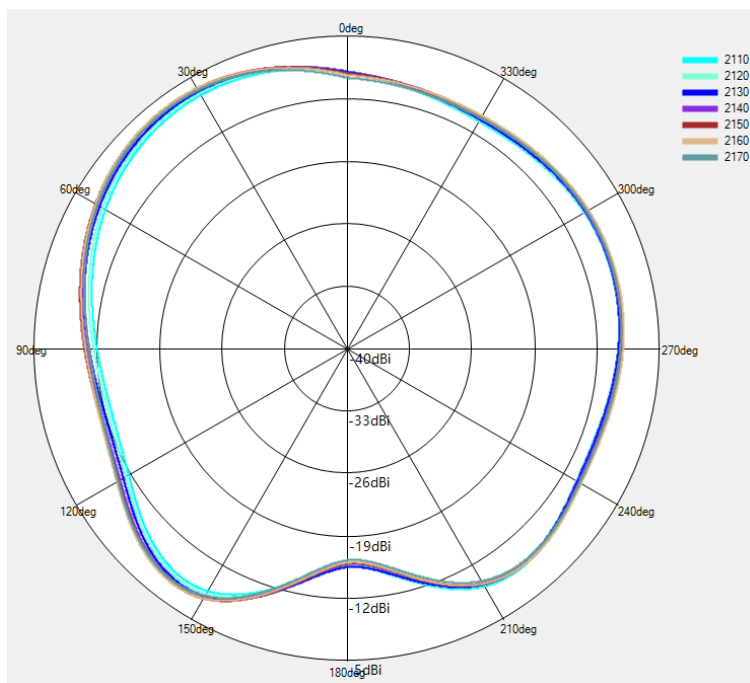
DCS1800/PCS1900/ WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 $\Phi=90^\circ$



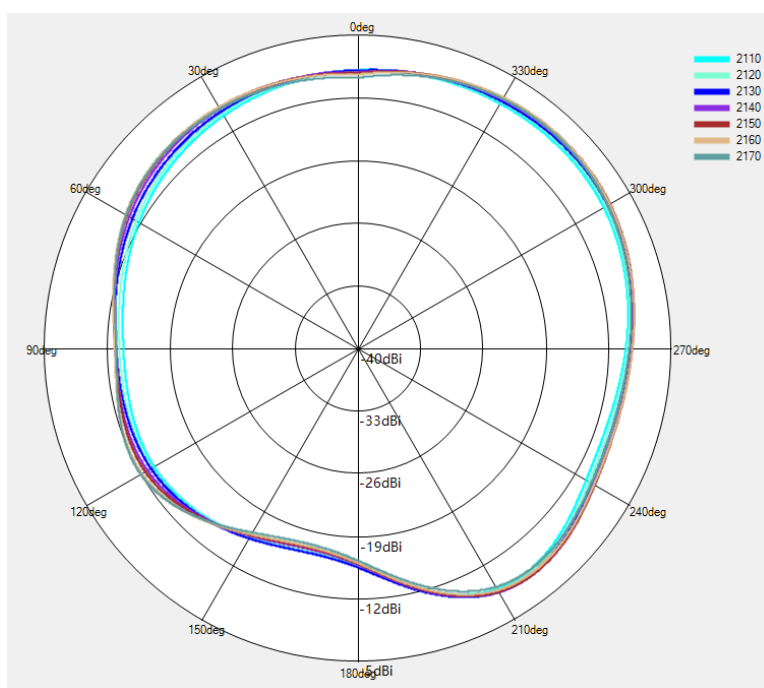
DCS1800/PCS1900/ WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 $\Theta=90^\circ$

※ Antenna Gain

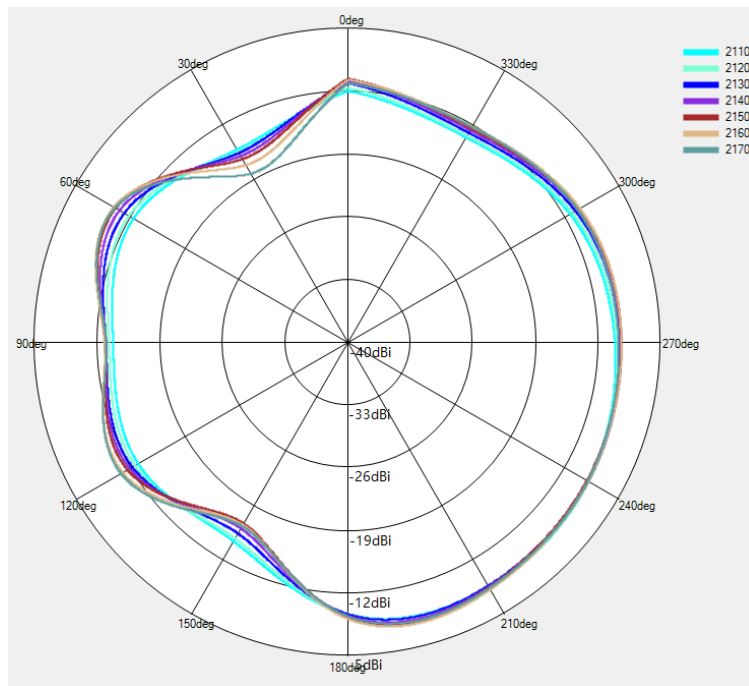
ANT1



LTE B1 Phi=0deg



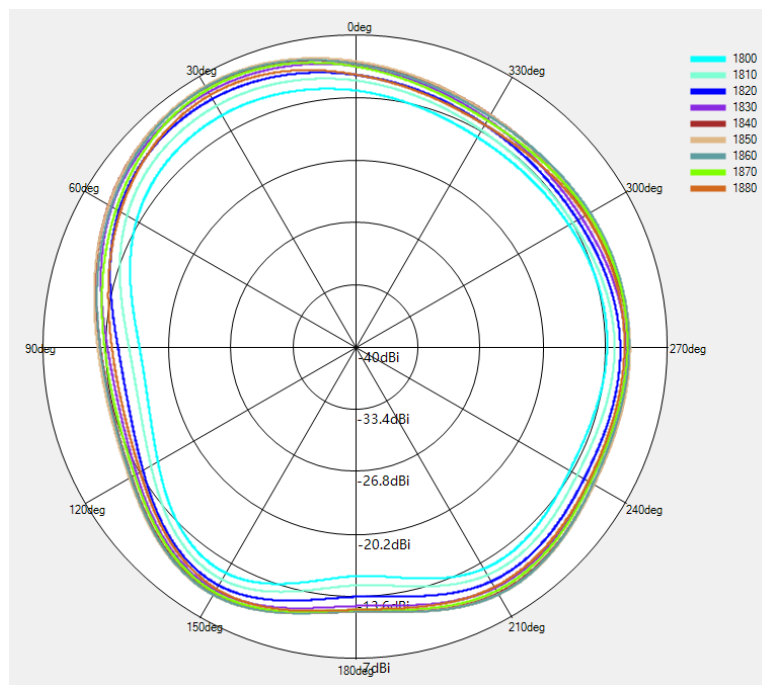
LTE B1 Phi=90deg



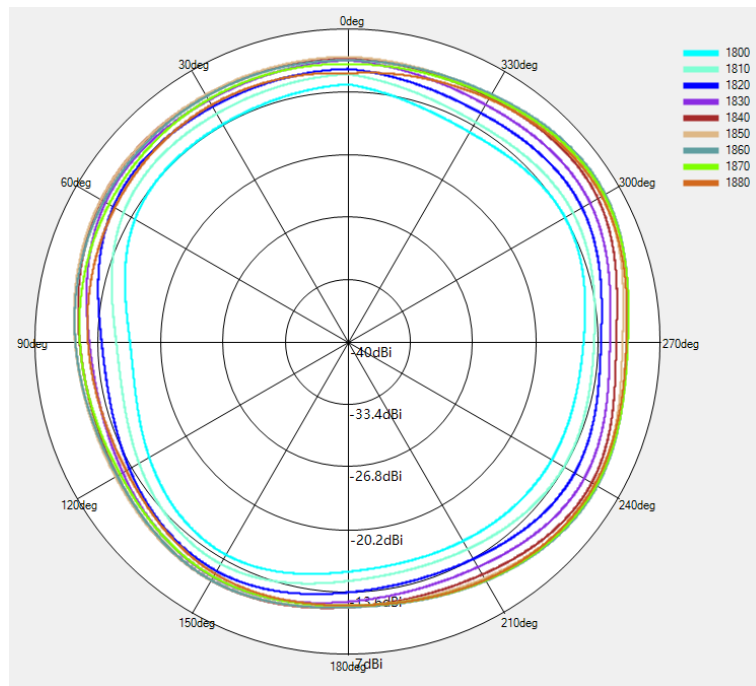
LTE B1 Theta=90deg

※ Antenna Gain

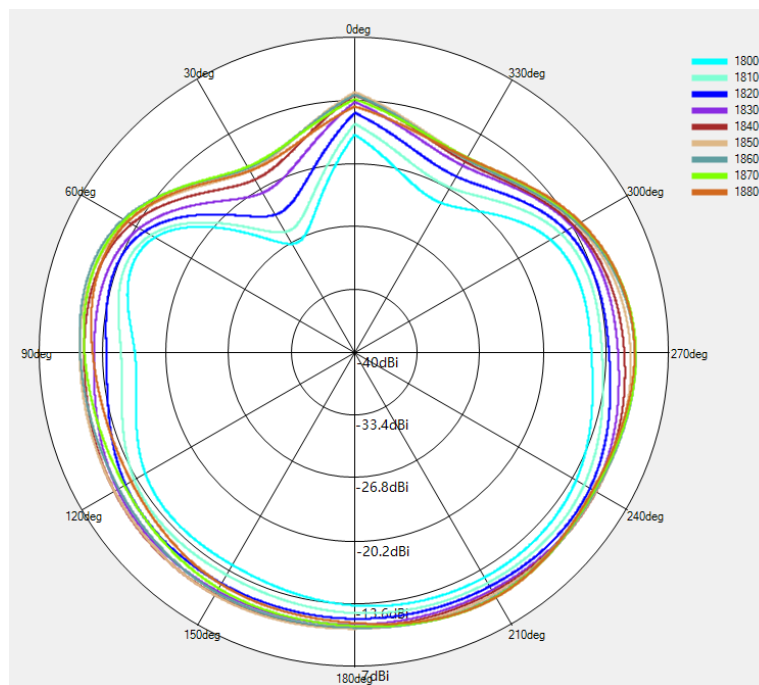
ANT1



LTE B3 Phi=0deg



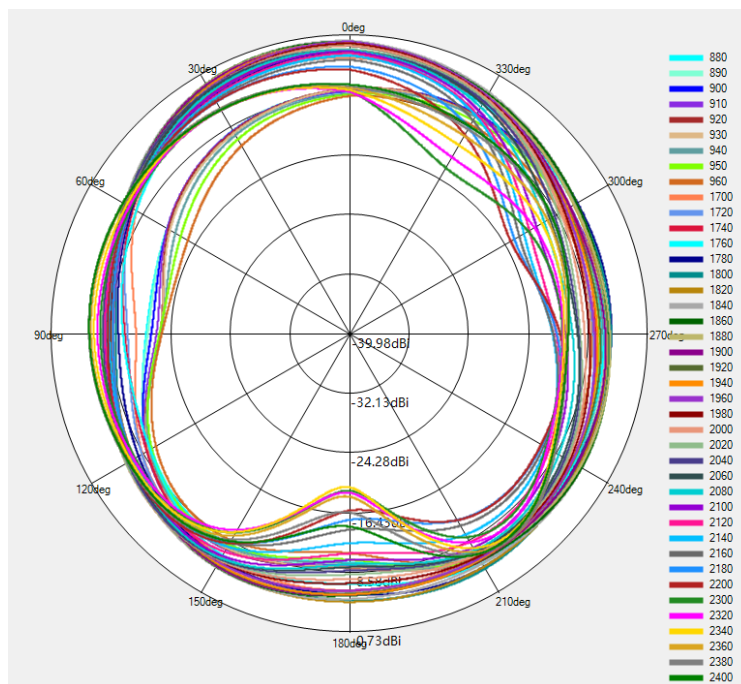
LTE B3 Phi=90deg



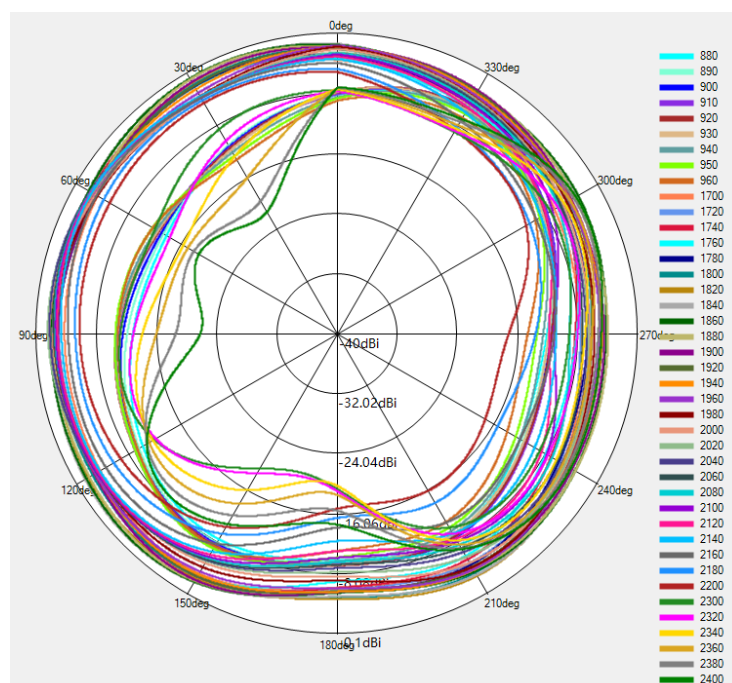
LTE B3 Theta=90deg

※ Antenna Gain

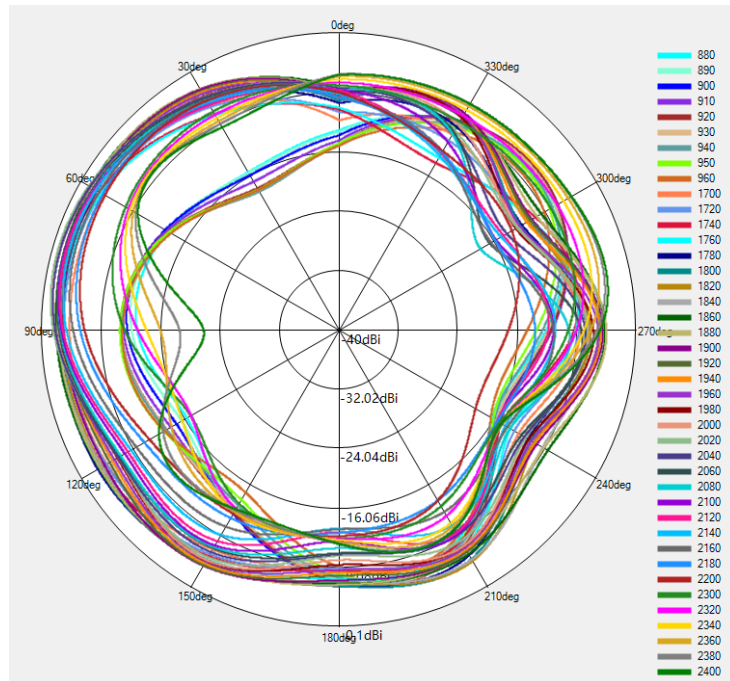
ANT2



GSM900DCS1800/PCS1900 / WCDMA B1/B2/B4/B8 / LTE B1/B2/B3/B4/B8/B40/B66 Phi=0deg



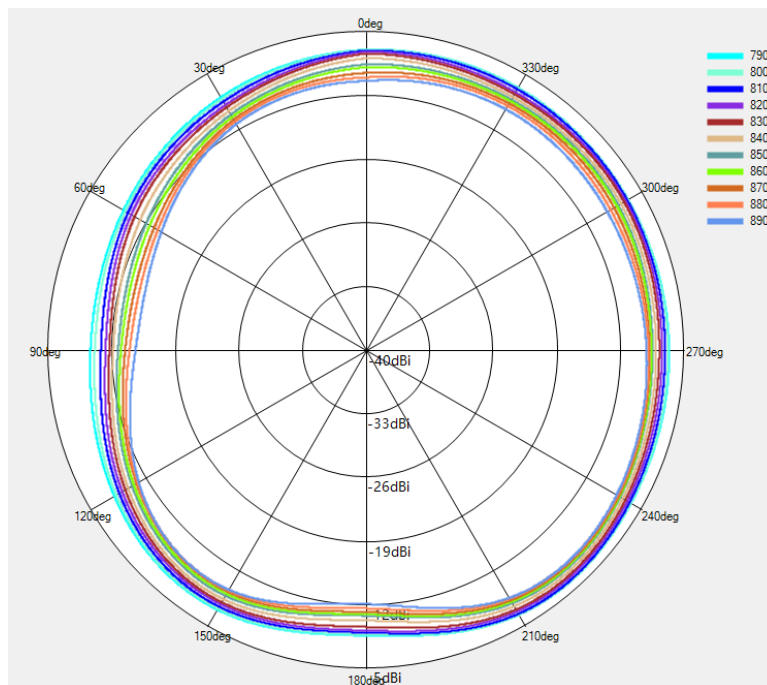
GSM900DCS1800/PCS1900 / WCDMA B1/B2/B4/B8 / LTE B1/B2/B3/B4/B8/B40/B66 Phi=90deg



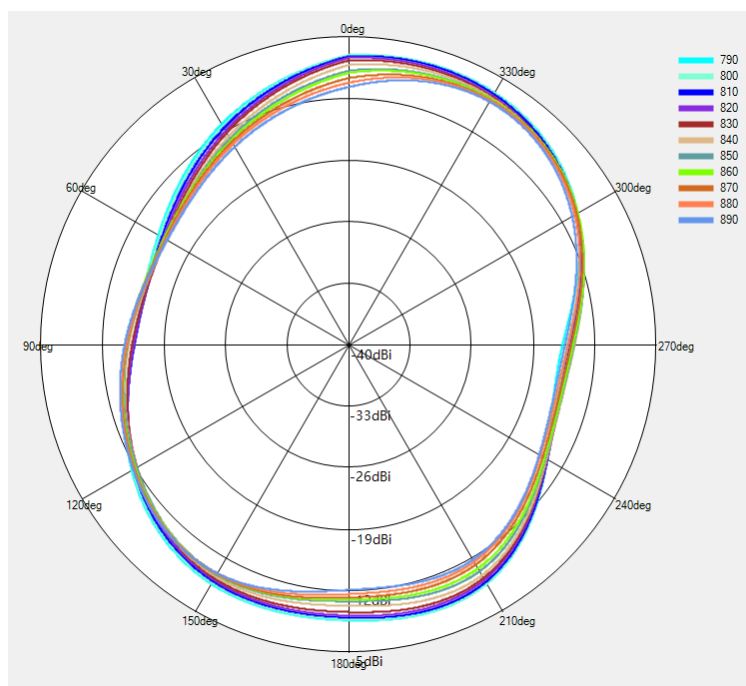
GSM900DCS1800/PCS1900 / WCDMA B1/B2/B4/B8 / LTE B1/B2/B3/B4/B8/B40/B66 Theta=90deg

※ Antenna Gain

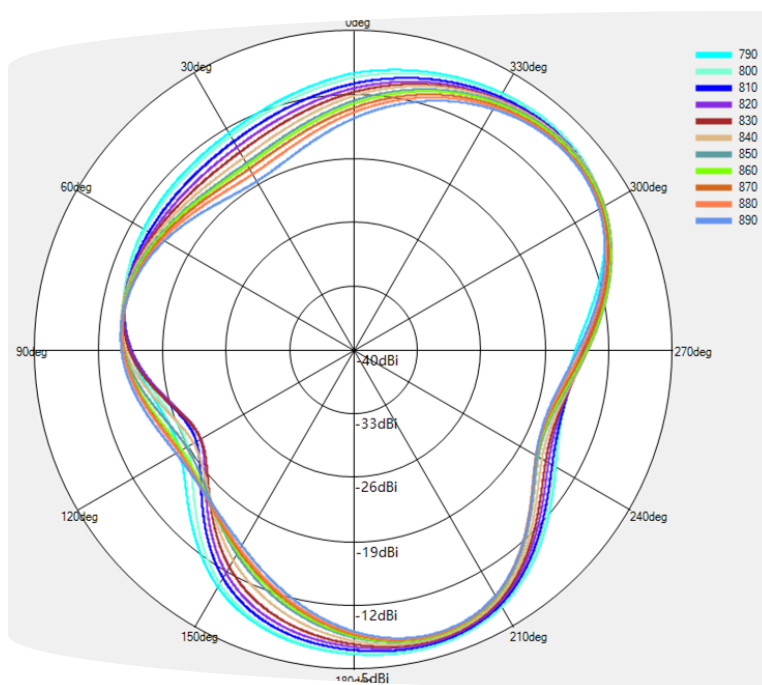
ANT2



GSM850 / WCDMA B5 / LTE B5 Phi=0deg



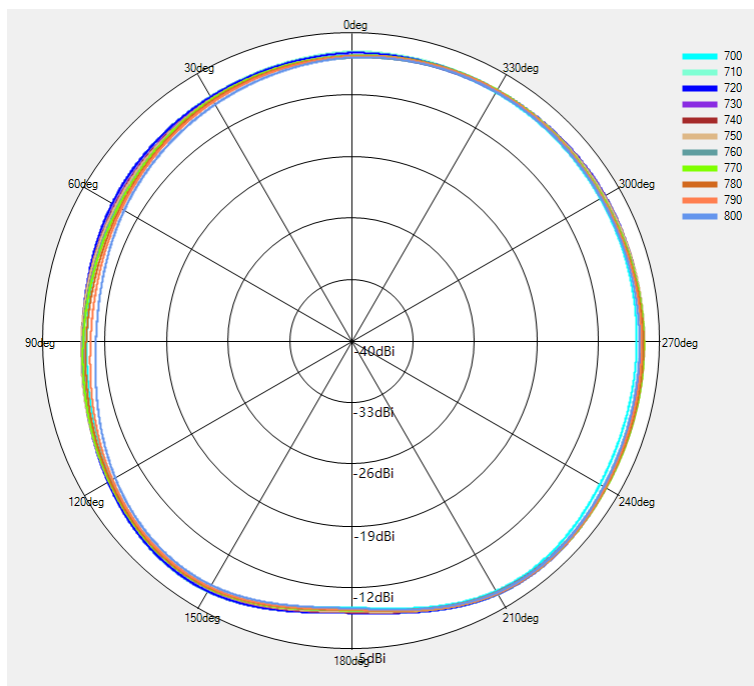
GSM850 / WCDMA B5 / LTE B5 Phi=90deg



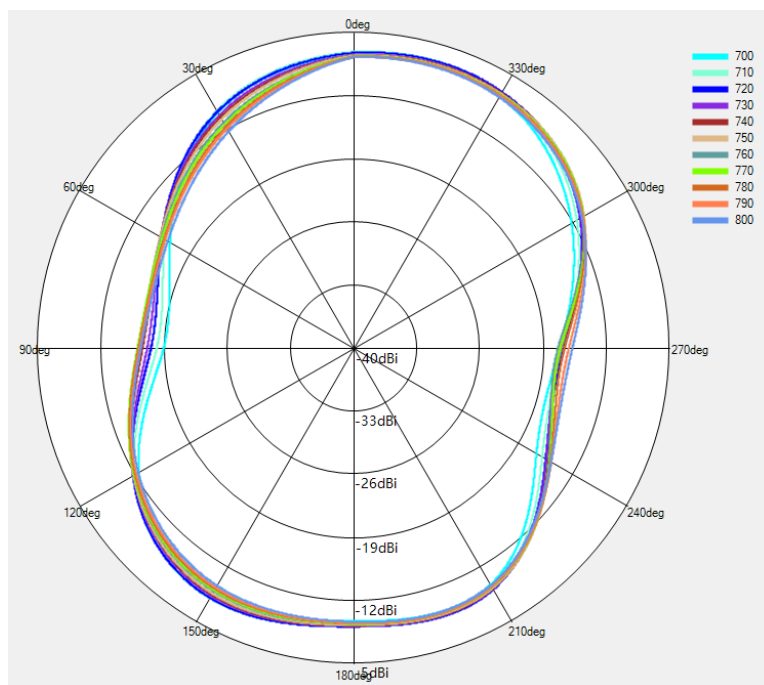
GSM850 / WCDMA B5 / LTE B5 Theta=90deg

※ Antenna Gain

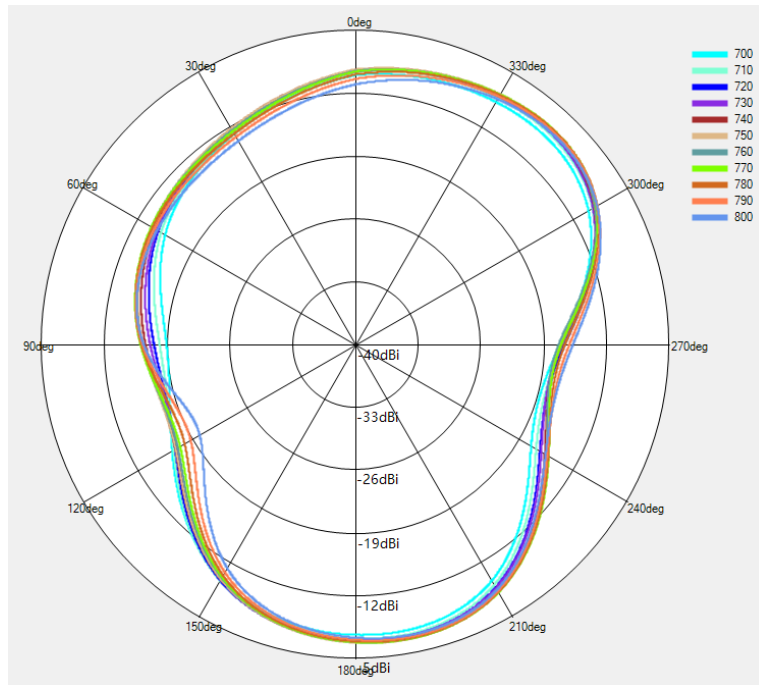
ANT2



LTE B12/B17/B20/B28 Phi=0deg



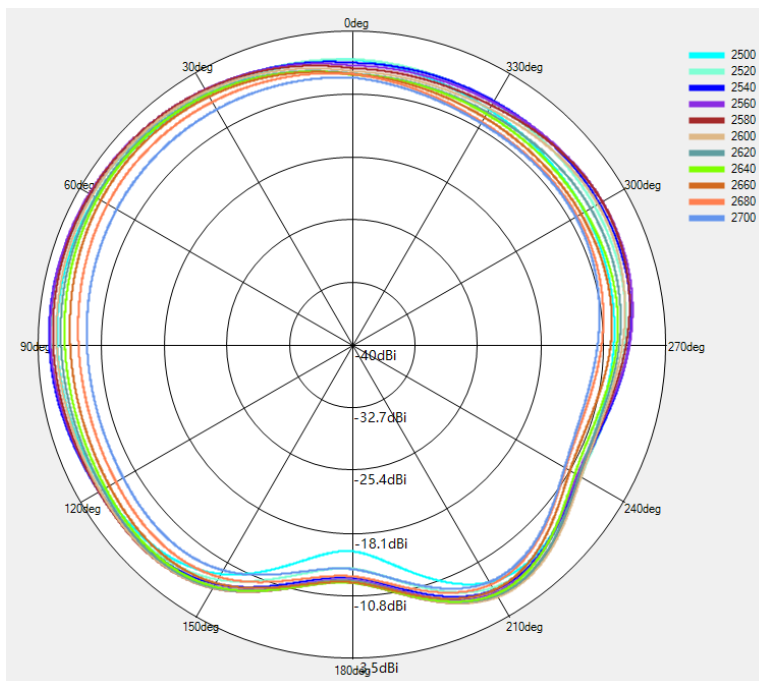
LTE B12/B17/B20/B28 Phi=90deg



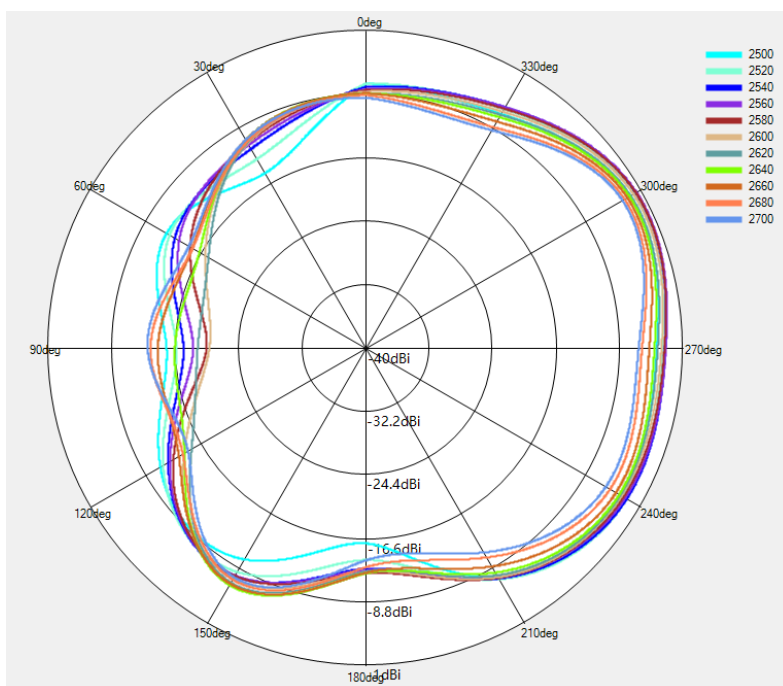
LTE B12/B17/B20/B28 Theta=90deg

※ Antenna Gain

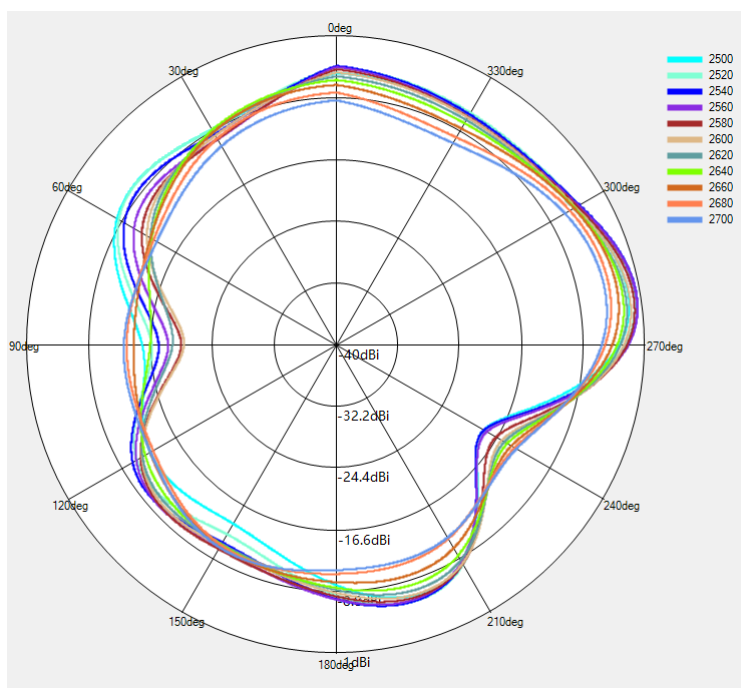
ANT2



LTE B7/B38/B41 Phi=0deg



LTE B7/B38/B41 Phi=90deg



LTE B7/B38/B41 Theta=90deg

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