TRANSSION
传音控股

Feature

※ High gain
※ Omani-directional
※ Wide bandwidth

Application

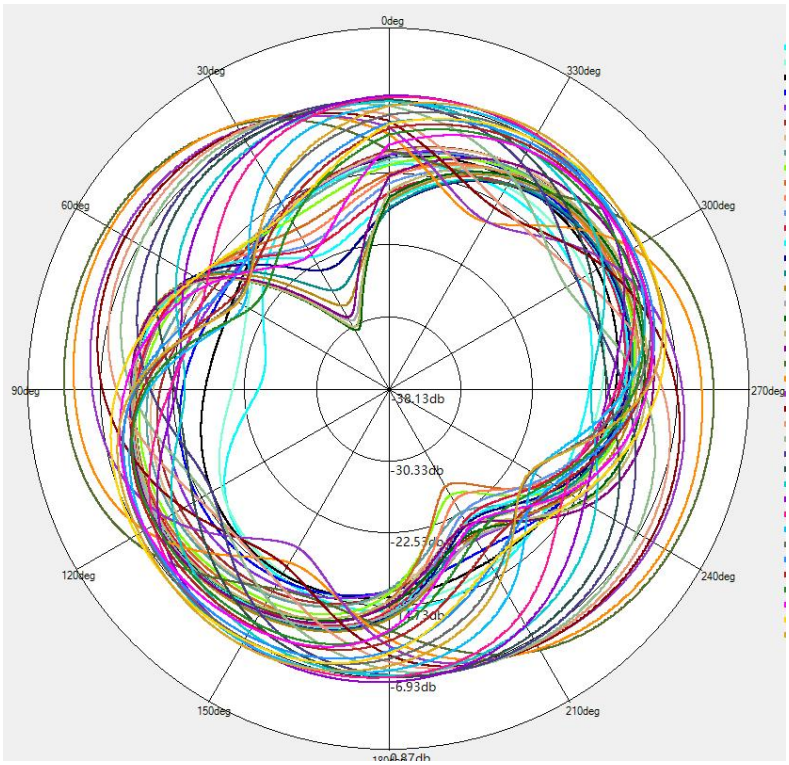
※GSM850/900/DCS/PCS/WCDMAB1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41/B66

Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen Weichuang Communication Technology Co., Ltd 1-3/F, Building 8, Tongfu Estate Industrial Zone, Dalang Community, Dalang Street, Longhua District, Shenzhen (Shenzhen Headquarters)	KM4-ANT0-WTT-XX-XX KM4-ANT1&ANT13-WTT-XX-XX KM4-ANT12-WTT-XX-XX （XX:Version-Date）

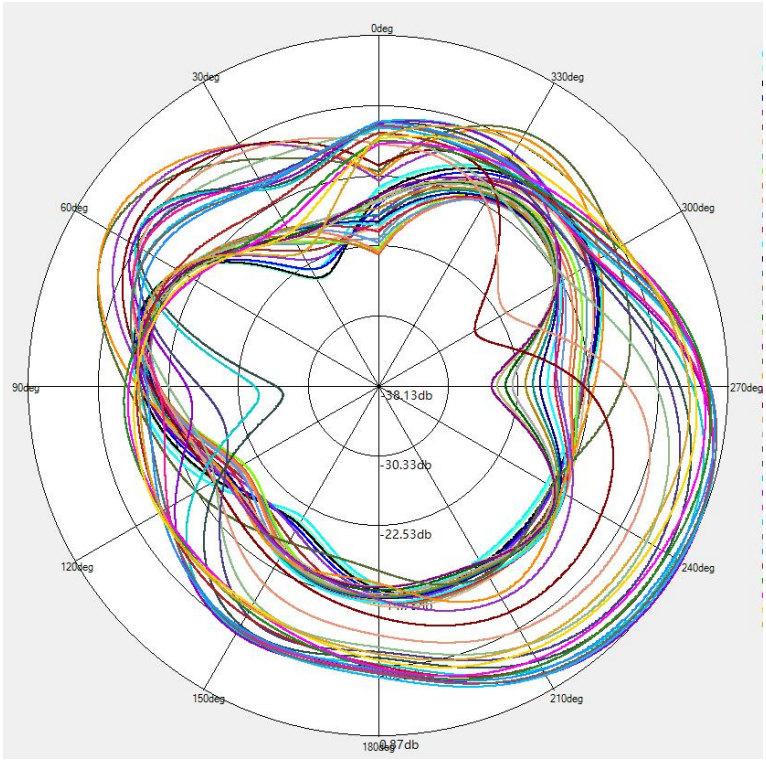
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8 : 880 – 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66 : 1710 – 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1 : 1920 – 1980MHz
	LTE B7 :2496-2565MHz
	LTE B40 :2300-2400MHz

		LTE B38/B41 :2565-2645MHz
		LTE B20 :832-862MHz
		LTE B12/B17/B28 :710-755MHz
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 B40 :2300-2400MHz
		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/B17/B20/B28/B38/B40/B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain	ANT1	GSM 850/WCDMA B5/LTE B5 :-4.85 dBi
		GSM 900/WCDMA B8/LTE B8 : -5.1 dBi
		DCS /WCDMA B4/LTE B3/B4/B66 : -2.86dBi
		PCS/WCDMA B2/LTE B2: -2.3dBi
		WCDMA B1/LTE B1 : -0.38dBi
		LTE B7/B38/B41 : 0.65dBi
		LTE B40 : 0.76dBi
		LTE B20:-4.2dBi
		LTE B12/B17/B28 :-5.5dBi
	ANT0	GSM 900/WCDMA B8/LTE B8 : -6.68dBi
		LTE B20: -5.45dBi
		LTE B12/B17/B28 :-4.55dBi
		PCS/WCDMA B1 /B2/B4/LTE1/2 /B4/B66:-2.43dBi
		LTE B7/B38/40/B41 : -3.66dBi
		GSM1800/LTE B3:-2.63
	ANT12	BT/WIFI 2.4G：0. 21 dBi 5G:0.08 dBi
	ANT13	GPS(L1)：-2. 37 dBi

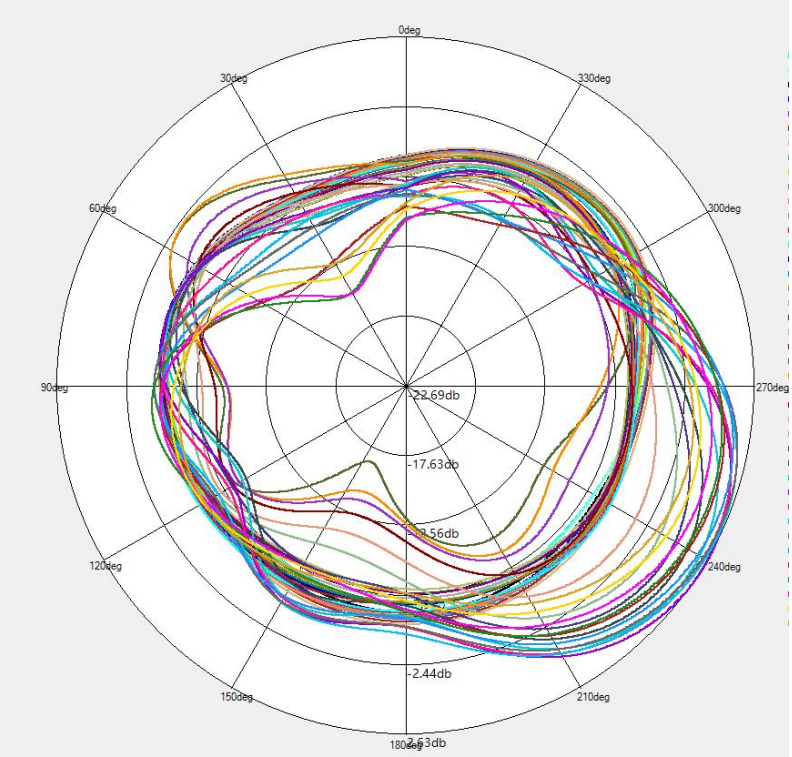
Type of Modulation		



2.4G WIFI&BT; 5G WIFI　　Phi=0deg

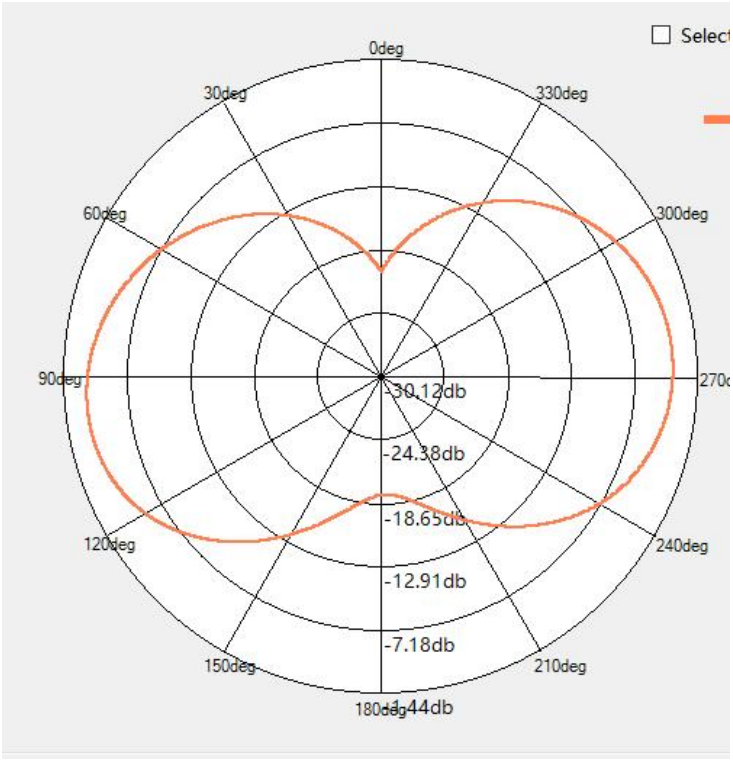


2.4G WIFI&BT; 5G WIFI　　Phi=90deg

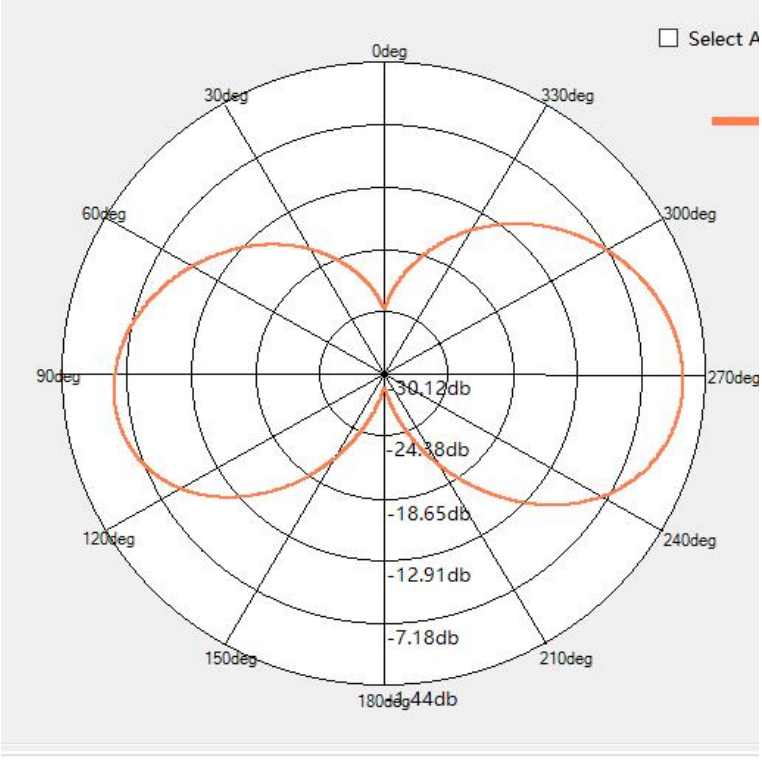


2.4G WIFI&BT; 5G WIFI　　Theta=90deg

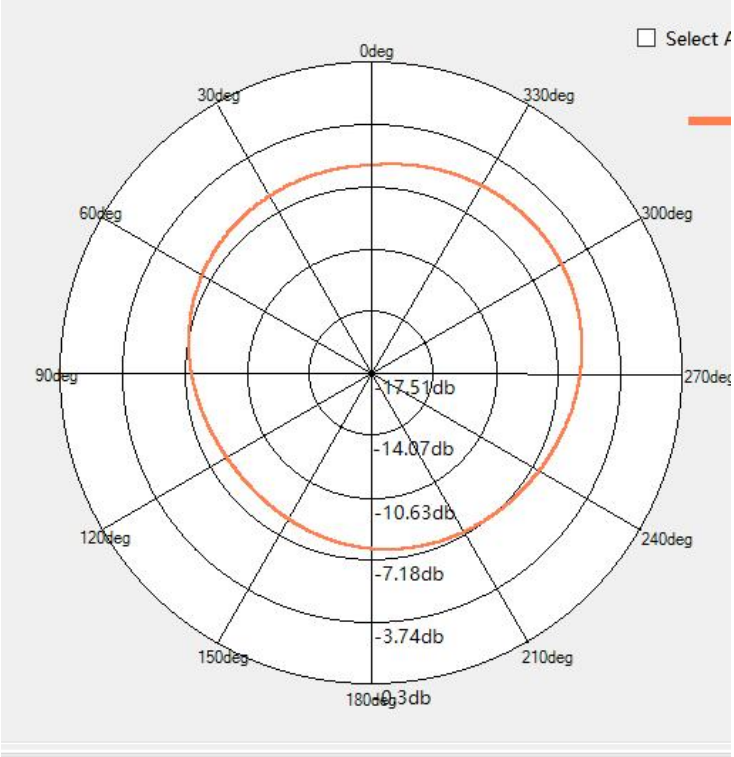
ANT1



1575.42MHZ Phi=0deg

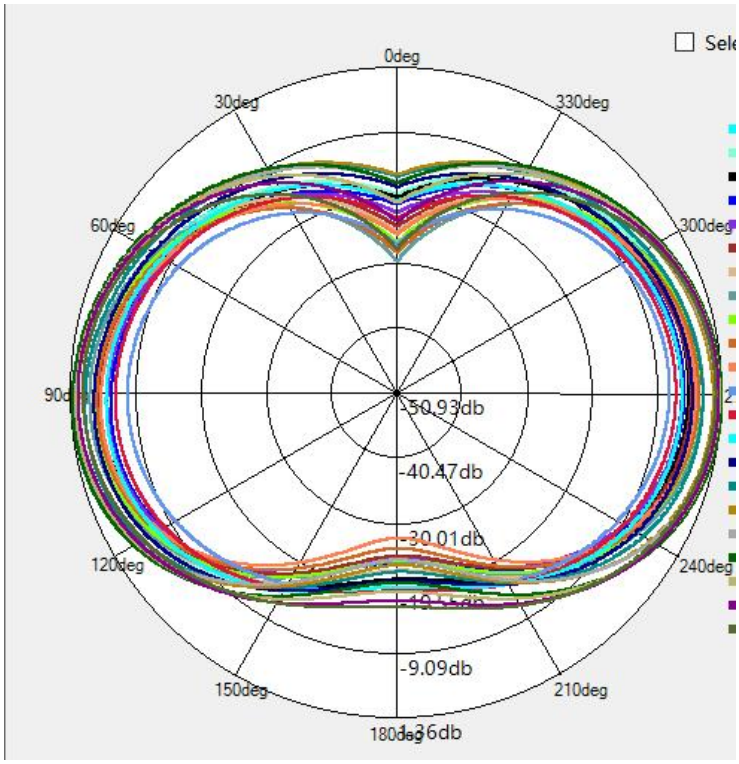


1575.42MHZ Phi=90deg

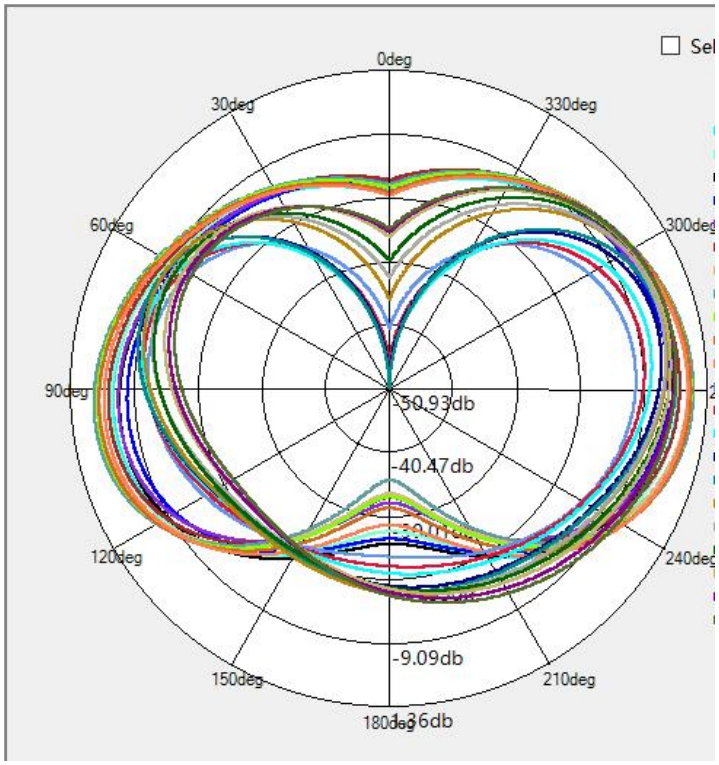


1575.42MHZ Theta=90deg

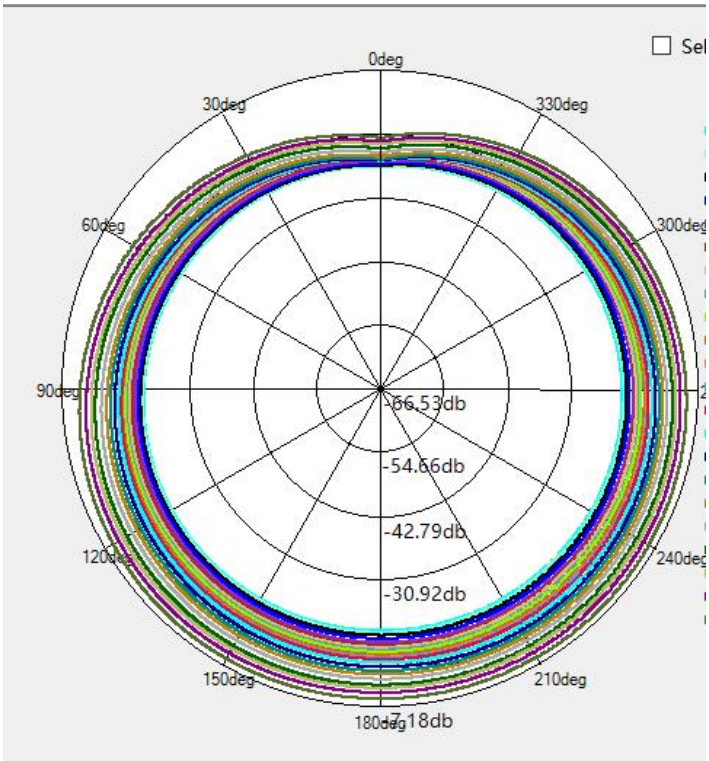
ANT1



GSM1800/ 1900/WCDMA B2/B4 / LTE B2/B3/B4/B7/B66/B38/41 Phi=0deg



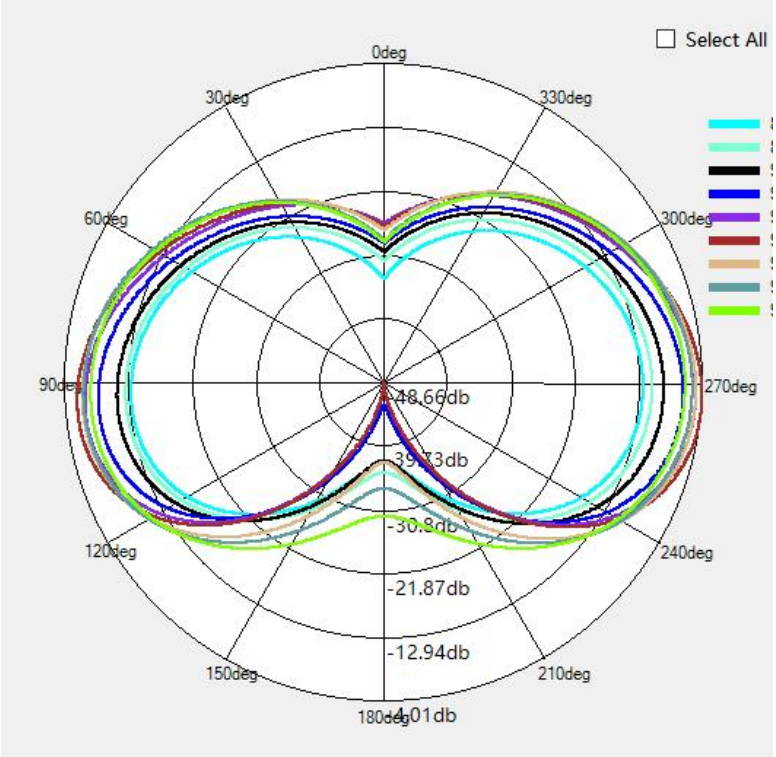
GSM1800/ 1900/WCDMA B2/B4 / LTE B2/B3/B4/B7/B66/B38/41 Phi=90deg



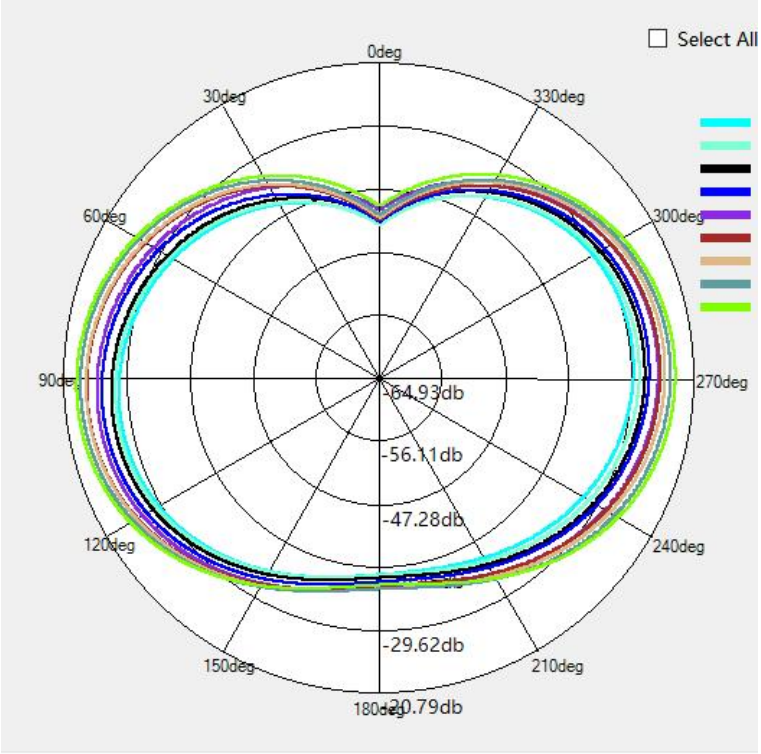
GSM1800/ 1900/WCDMA B2/B4 / LTE B2/B3/B4/B7/B66/B38/41 Theta=90deg

※ Antenna Gain

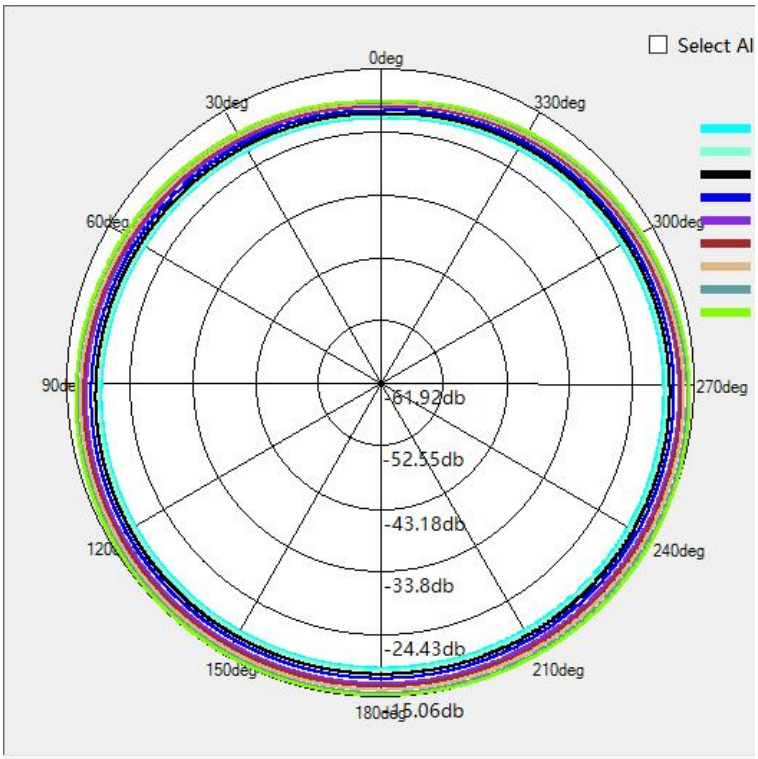
ANT1



G900/W8/LTE B8 Phi=0deg



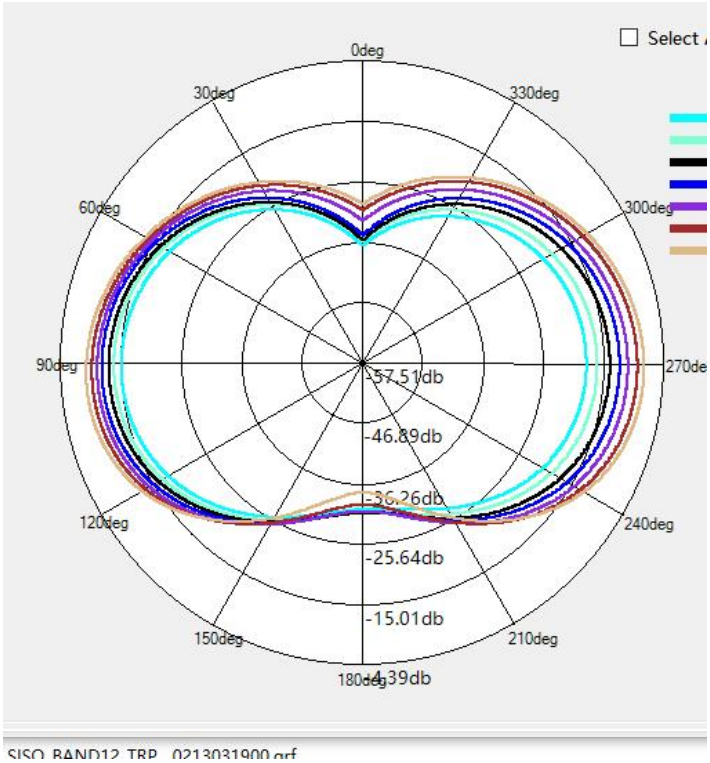
G900/W8/LTE B8 Phi=90deg



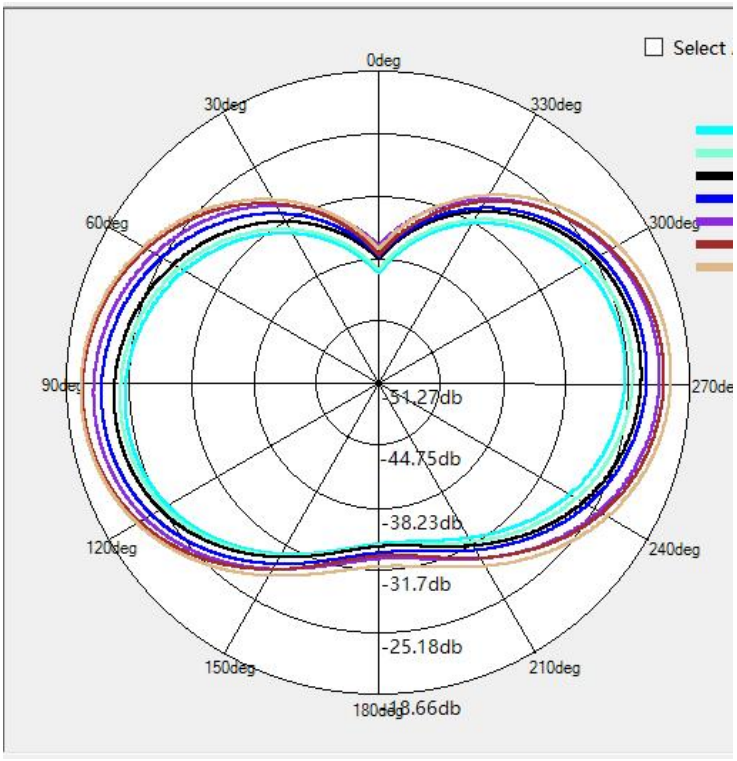
G900/W8/LTE B8 Theta=90deg

※ Antenna Gain

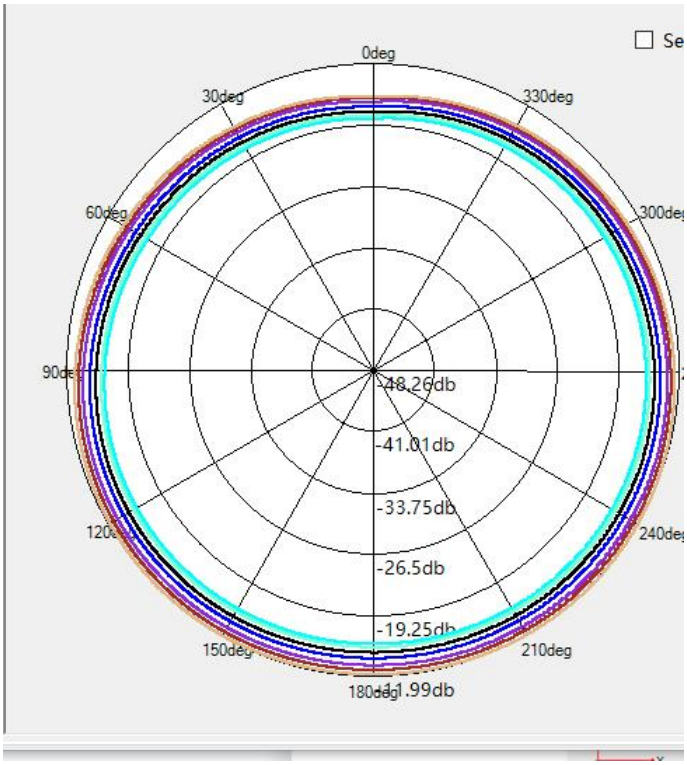
ANT1



GSM850/W5/LTE B5 Phi=0deg



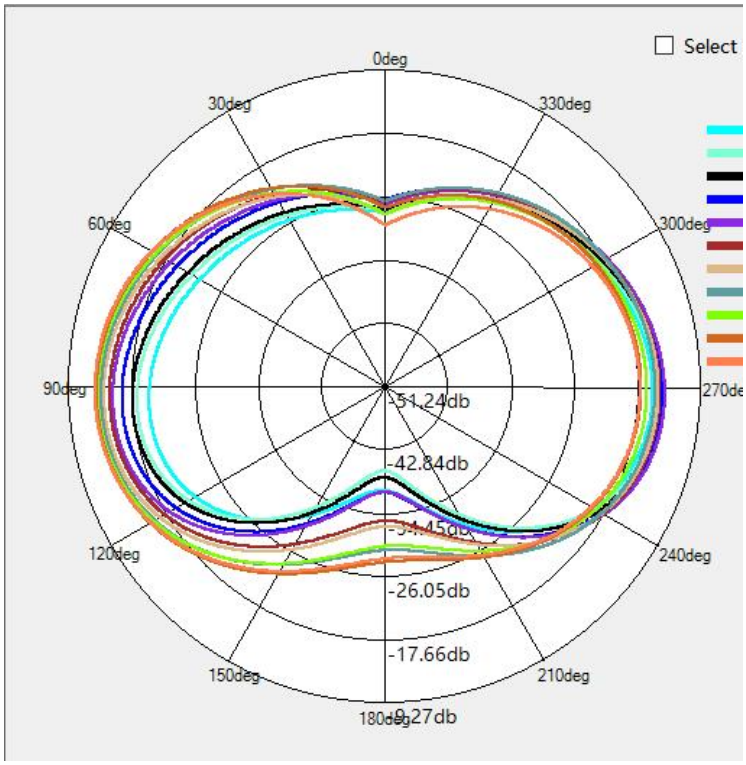
GSM850/W5/LTE B5 Phi=90deg



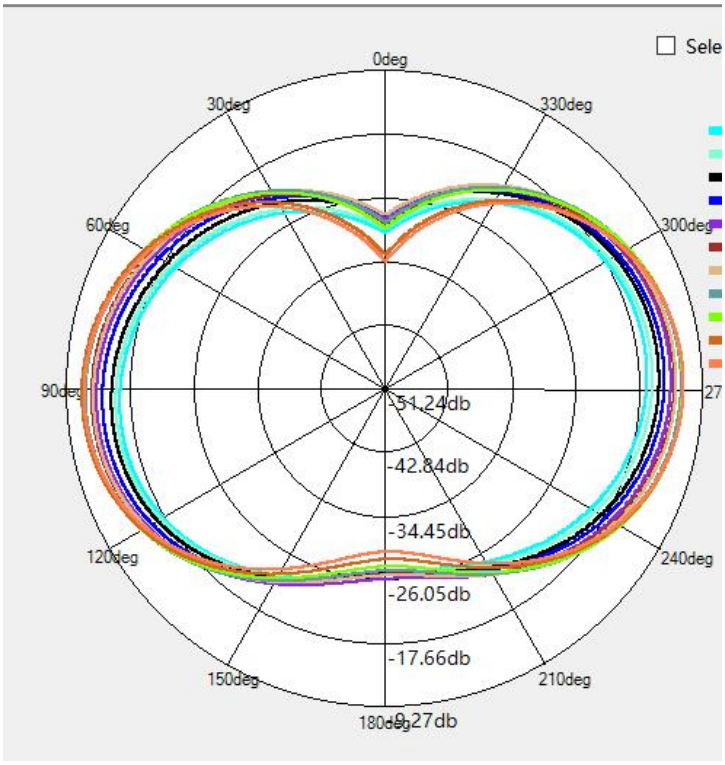
GSM850/W5/LTE B5 Theta=90deg

※ Antenna Gain

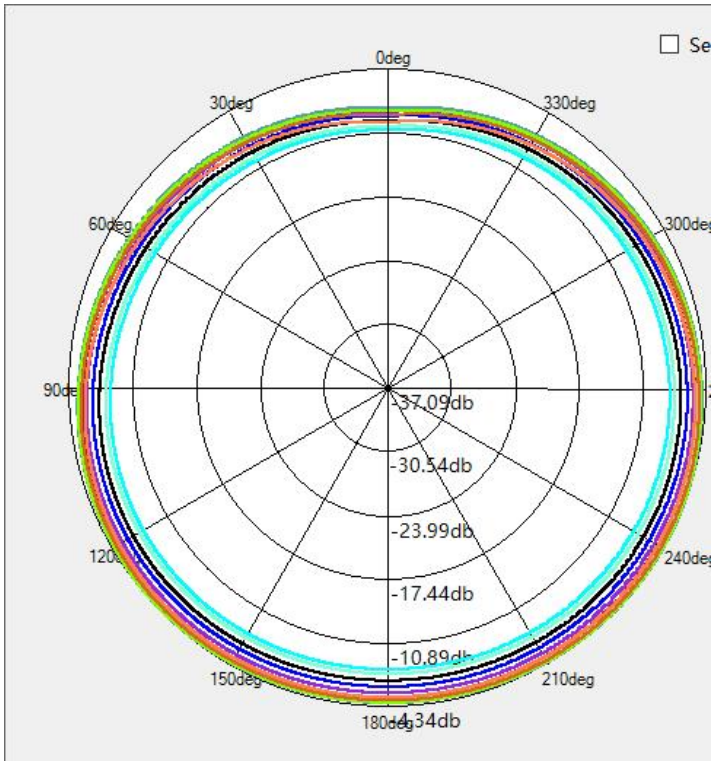
ANT1



LTE B1/12/17/28 Phi=0deg



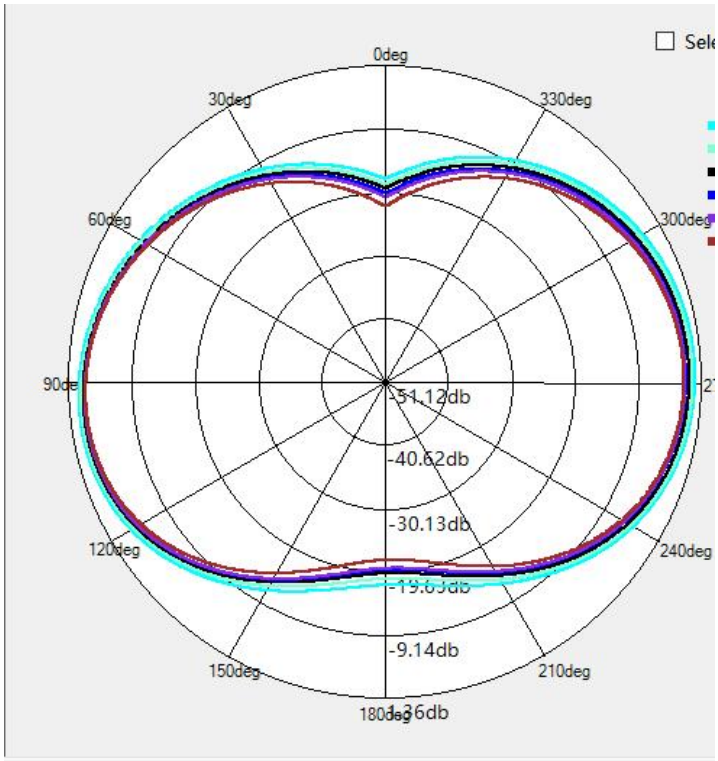
LTE B1/12/17/28 Phi=90deg



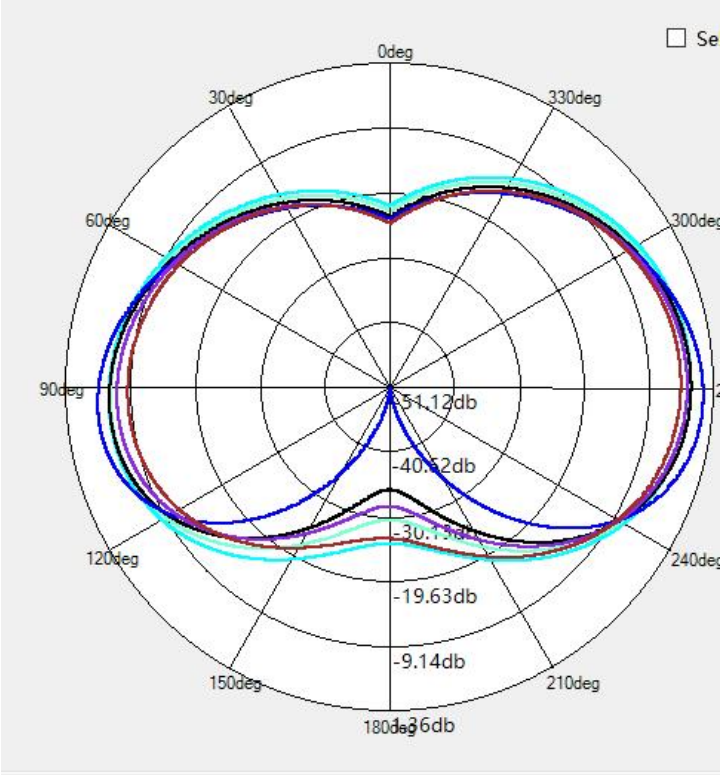
LTE B1/12/17/28 Theta=90deg

※ Antenna Gain

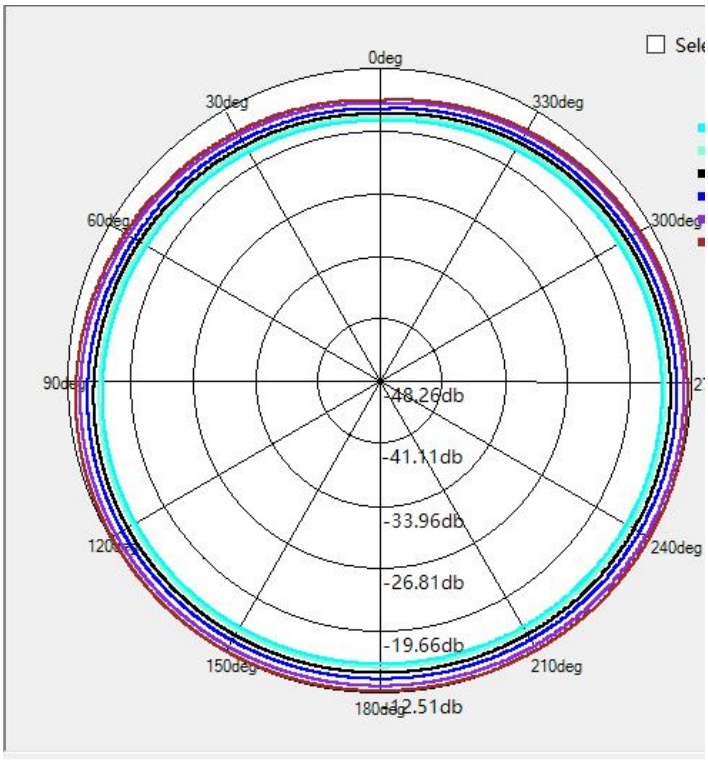
ANT1



LTE 40 Phi=0deg

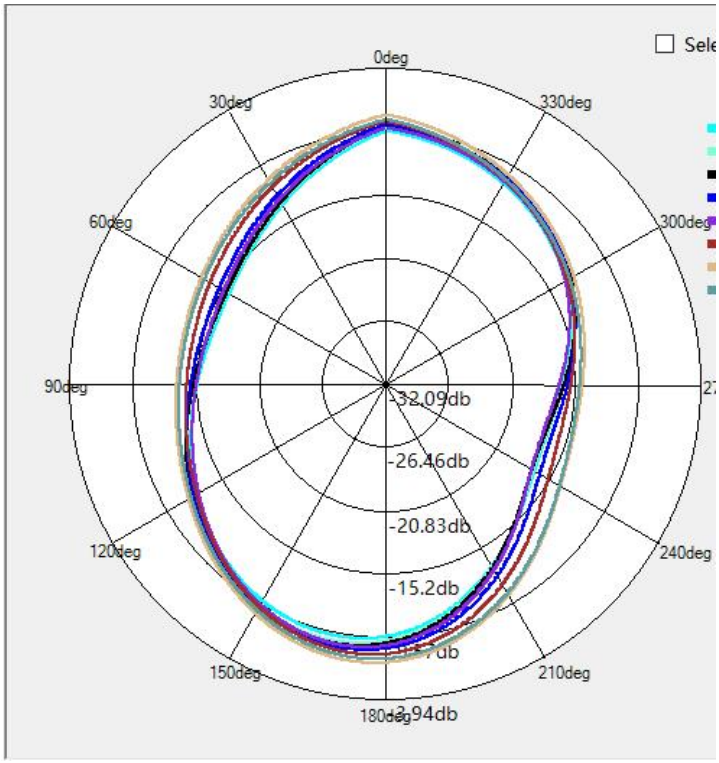


LTE B40　　Phi=90deg

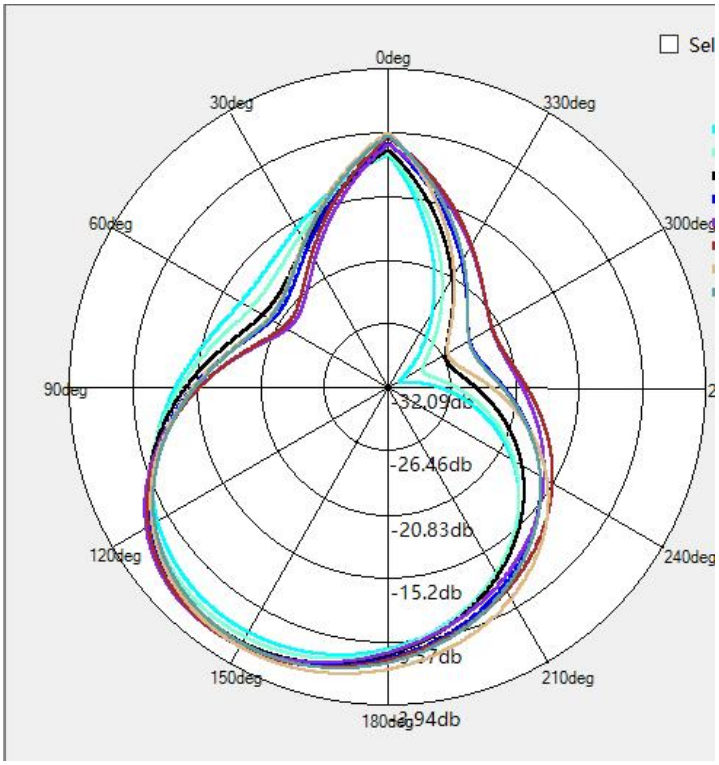


LTE B40　Theta=90deg

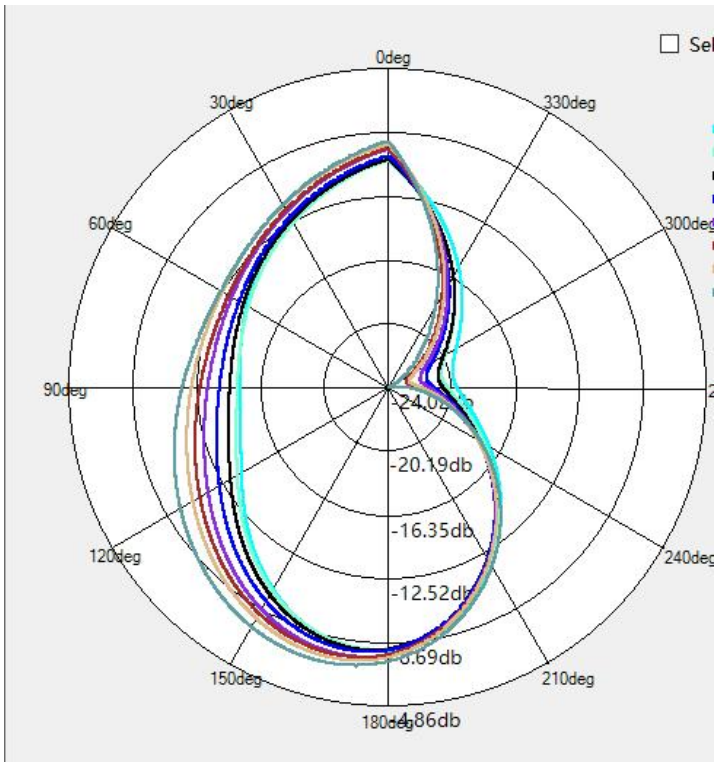
ANT0



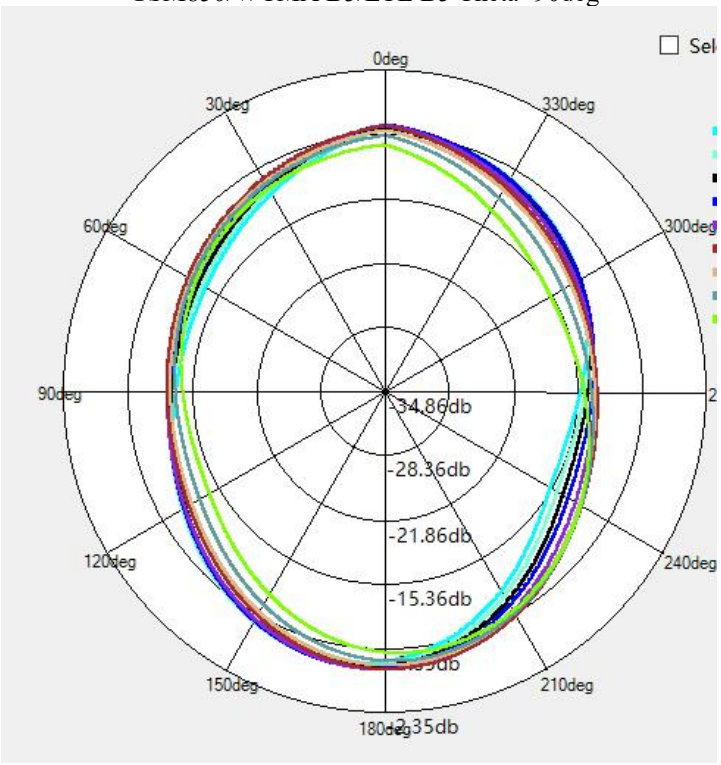
GSM850/WCMA B5/LTE B5 Phi=0deg



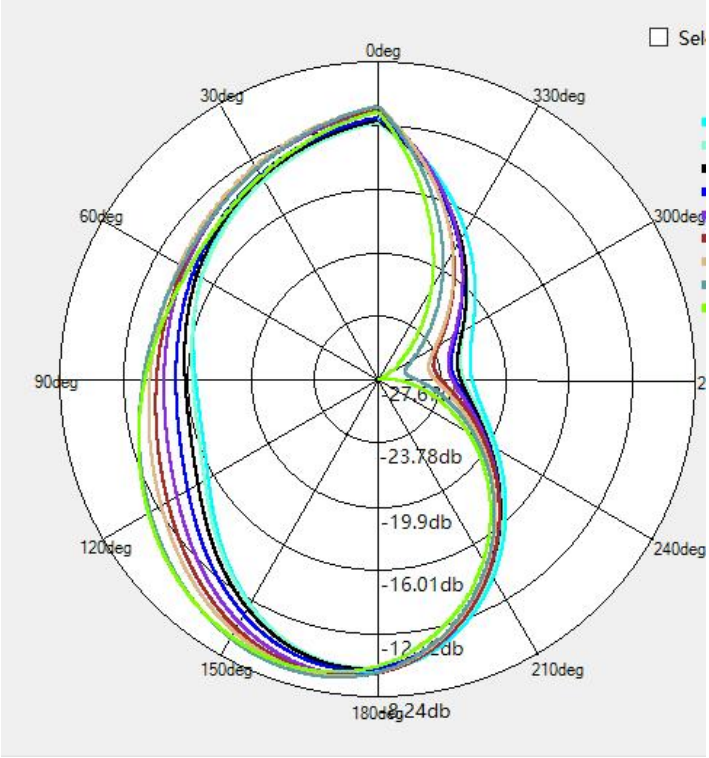
GSM850/WCMA B5/LTE B5 Phi=90deg



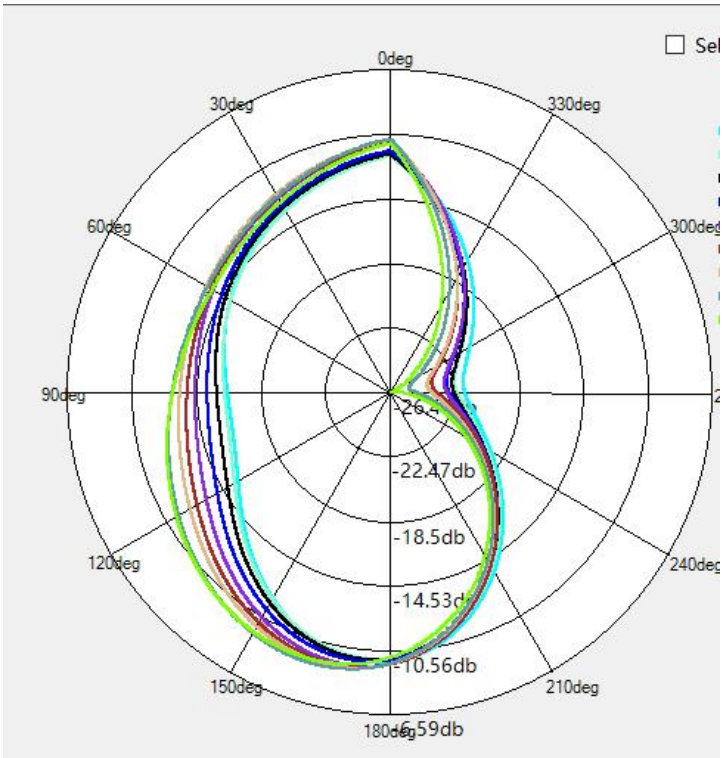
GSM850/WCMA B5/LTE B5 Theta=90deg



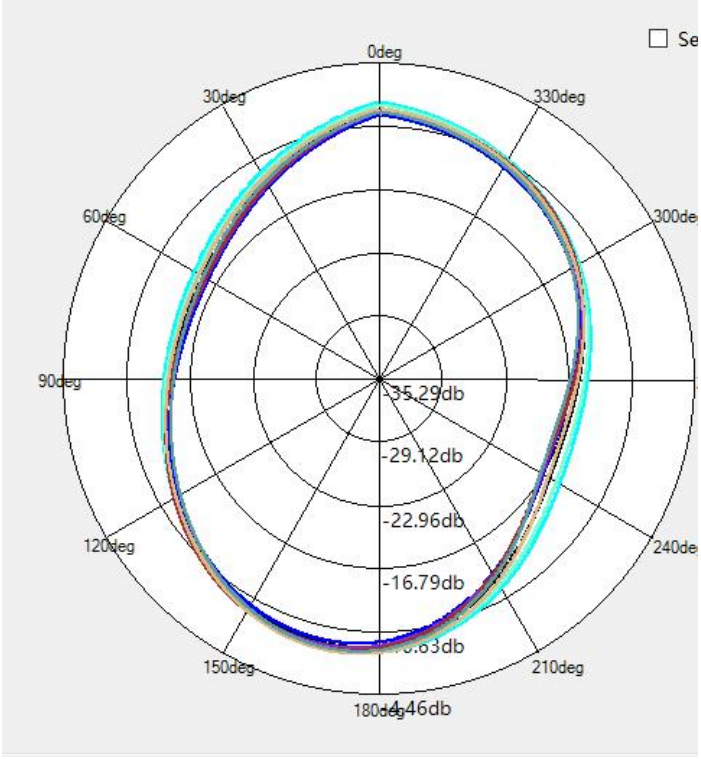
GSM900/WCMA B8/LTE B8 Phi=0deg



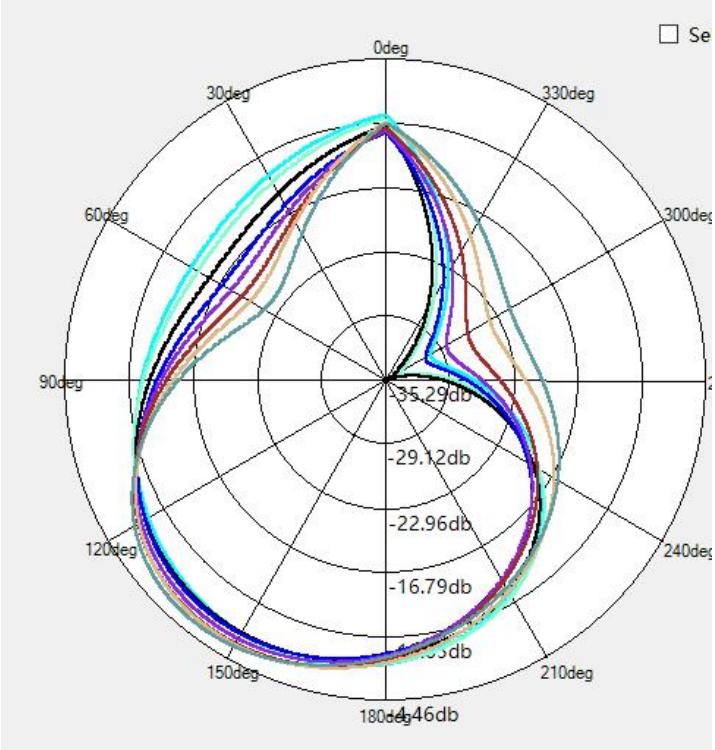
GSM850/WCMA B5/LTE B5 Phi=90deg



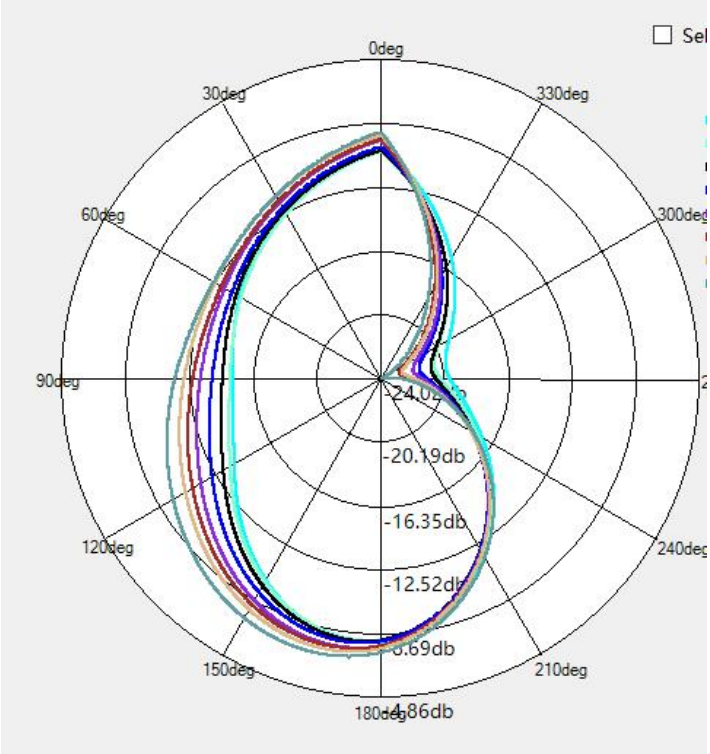
GSM850/WCMA B5/LTE B5 Theta=90deg



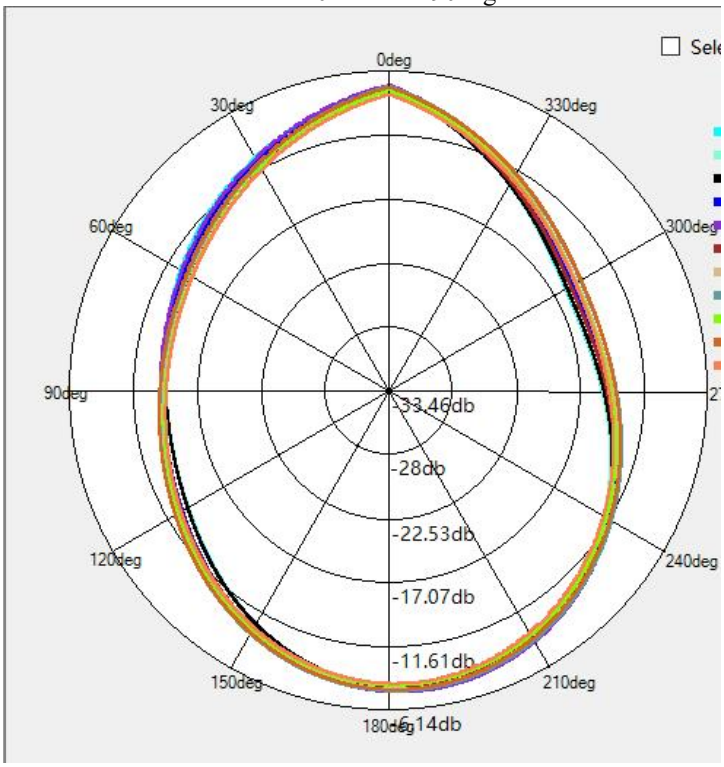
LTE B20 Phi=0deg



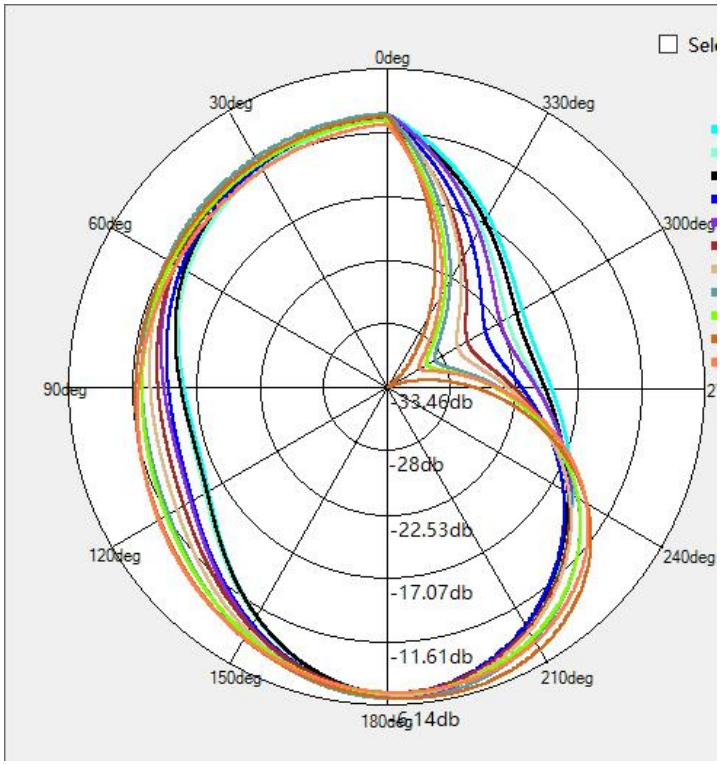
LTE B20 Phi=90deg



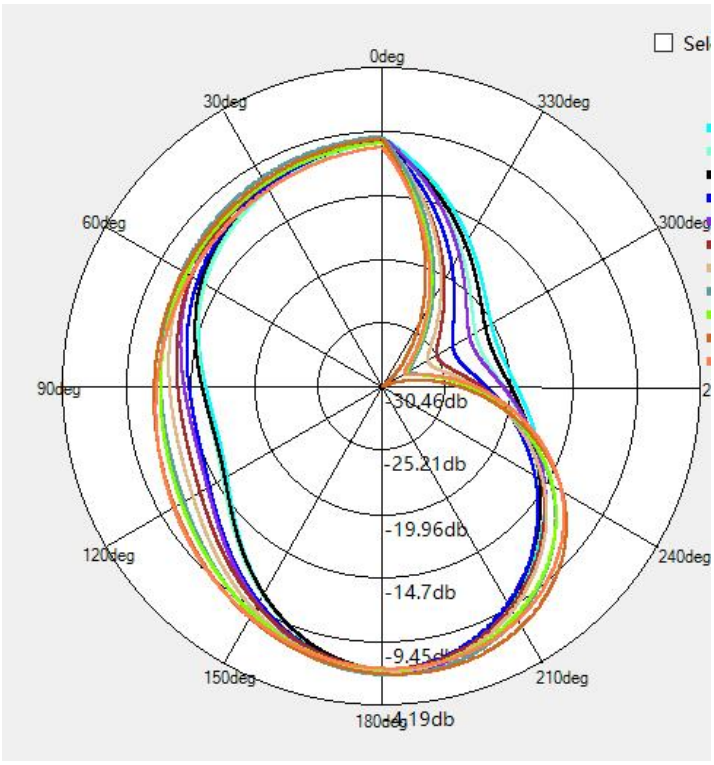
LTE B20 Theta=90deg



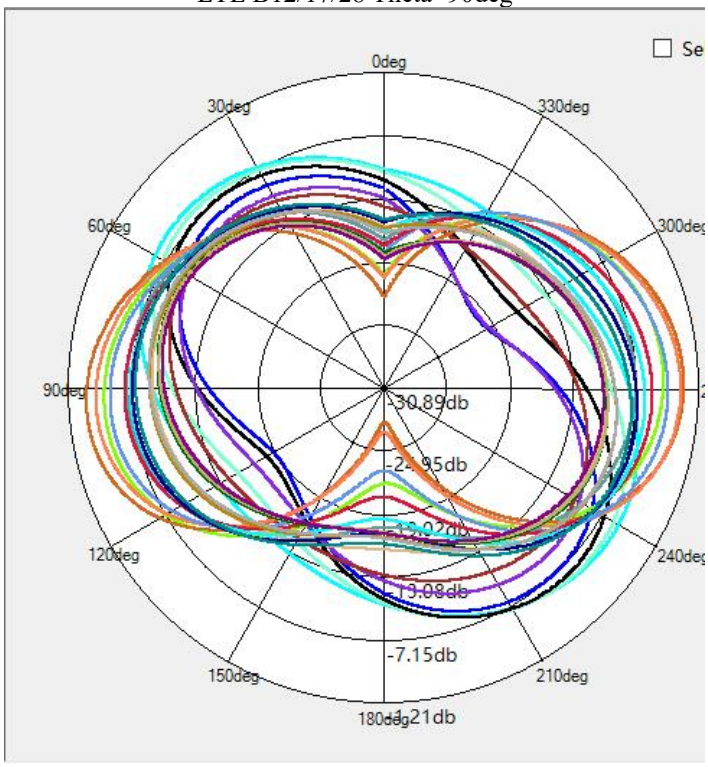
LTE B12/17/28 Phi=0deg



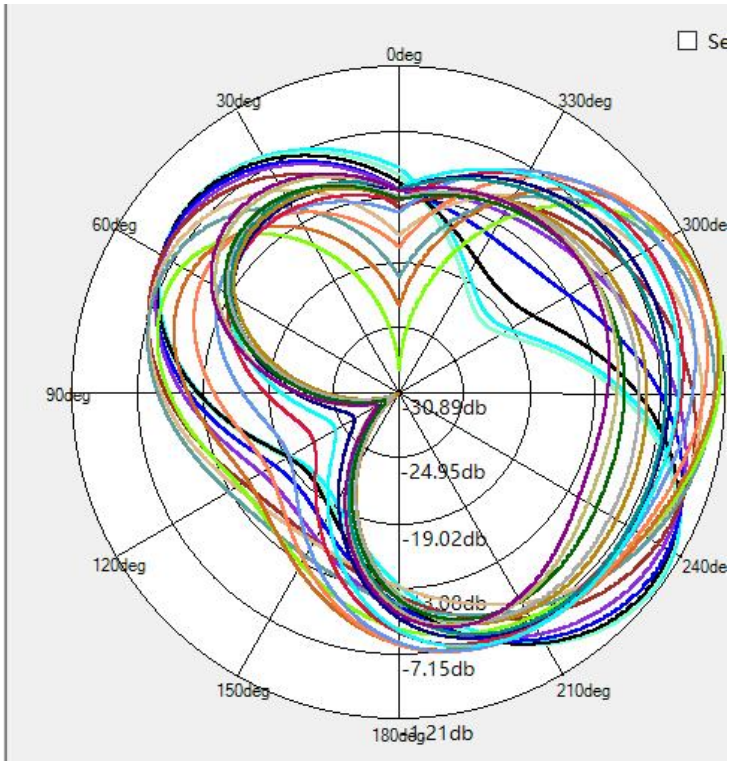
LTE B12/17/28 Phi=90deg



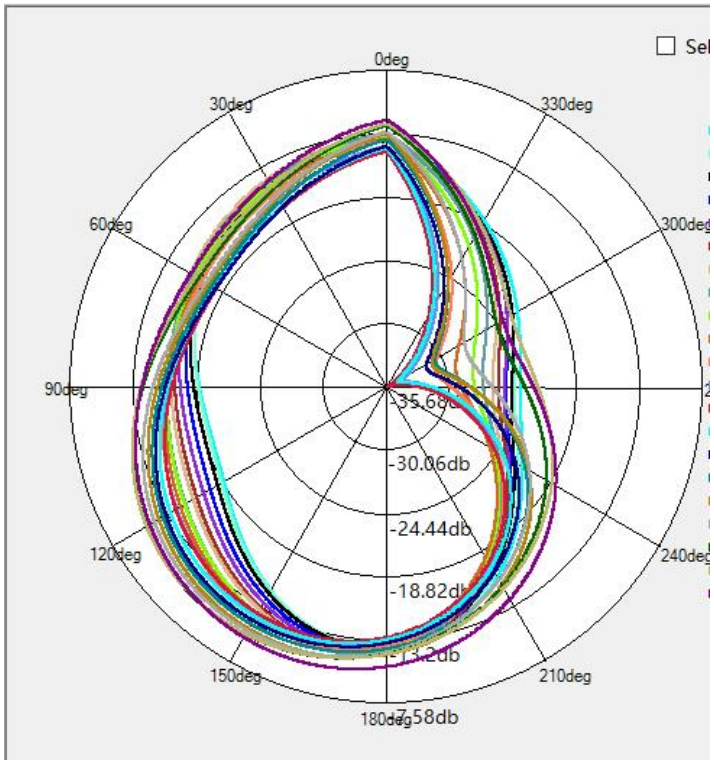
LTE B12/17/28 Theta=90deg



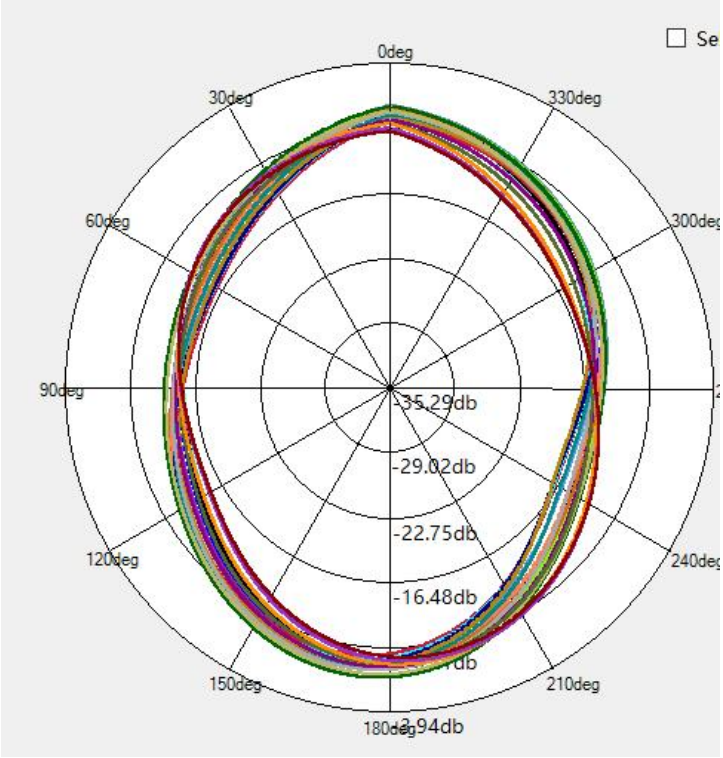
LTE B7/38/40/41 Phi=0deg



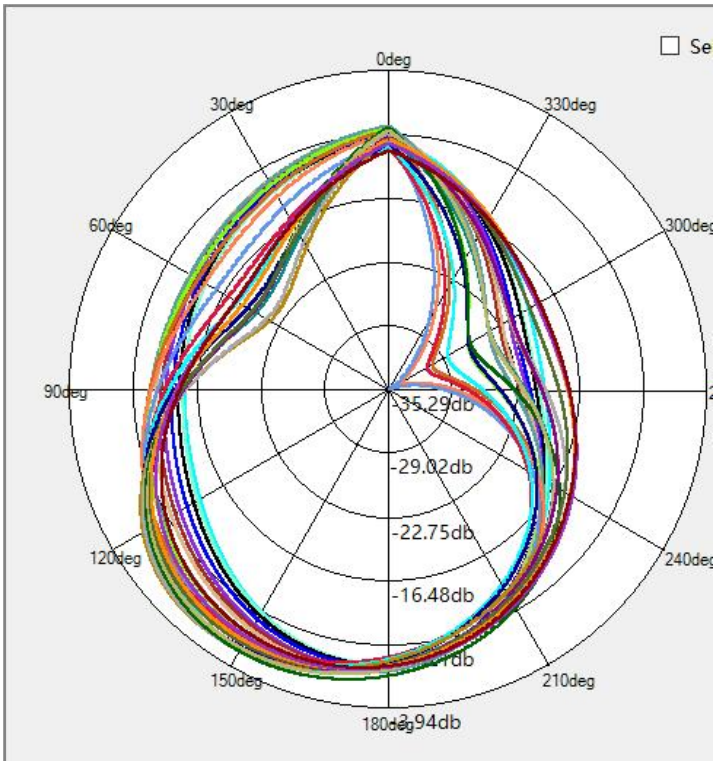
LTE B7/38/40/41 Phi=90deg



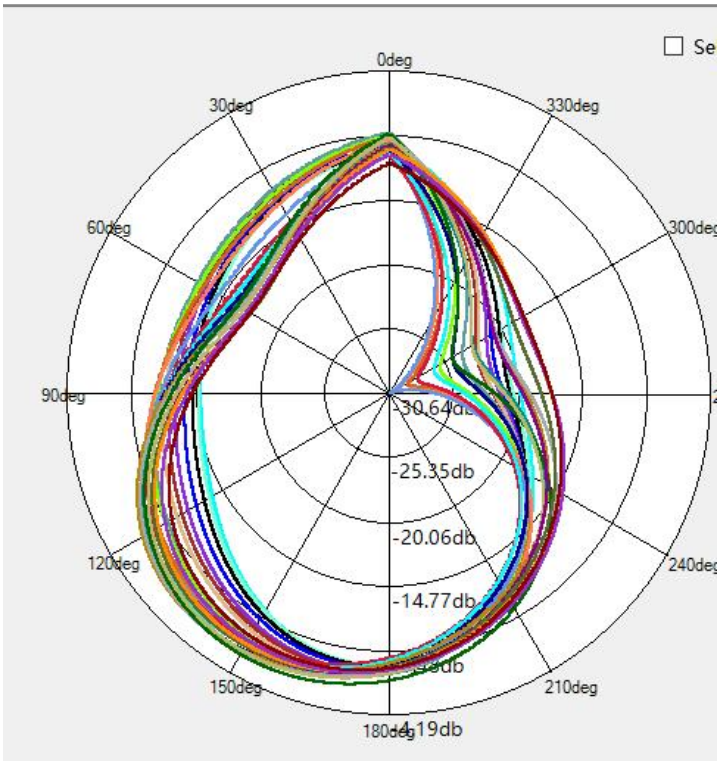
LTE B7/38/40/41 Theta=90deg



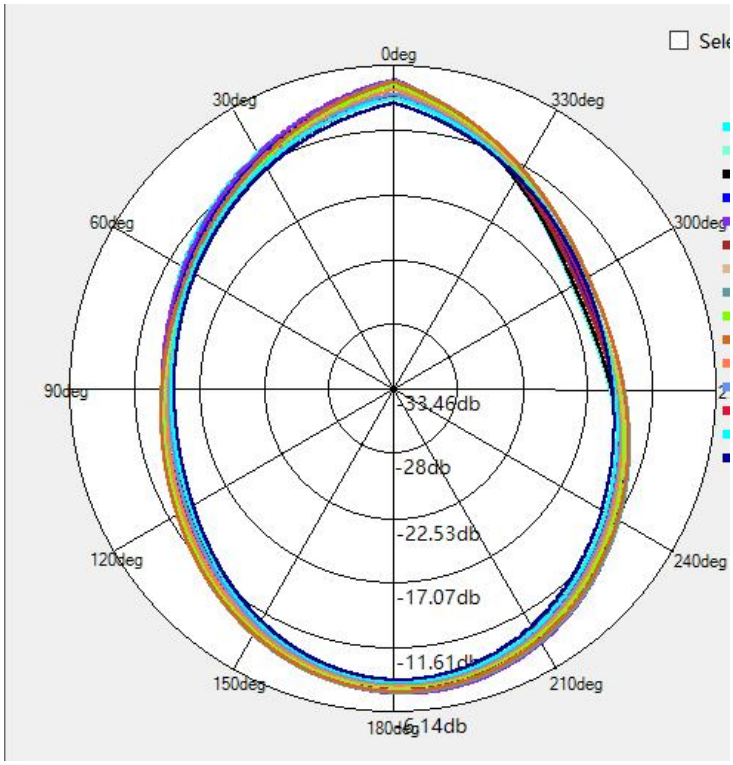
GSM1900/WCMD/B1/2/4LTE B1/2/4/66 Phi=0deg



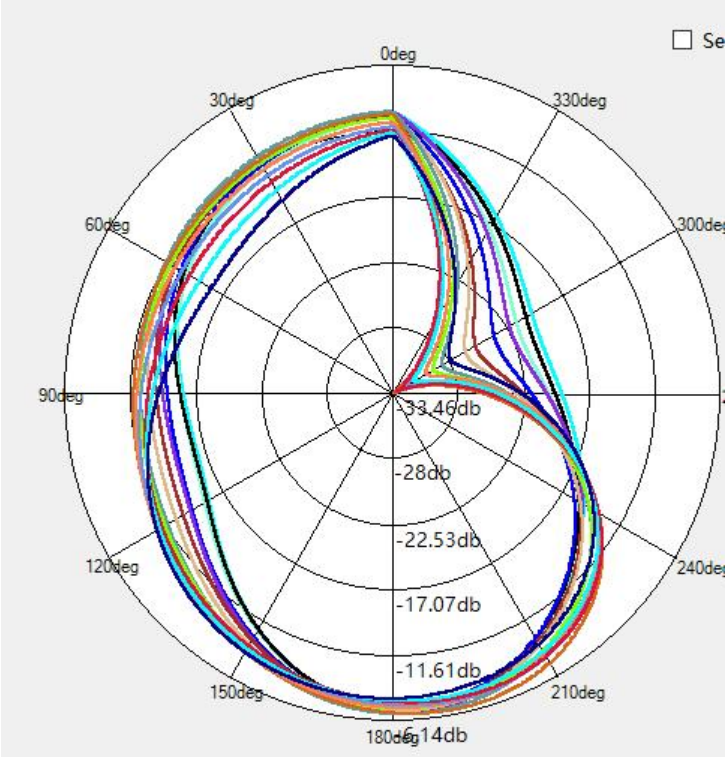
GSM1900/WCMD/B1/2/4LTE B1/2/4/66 Phi=90deg



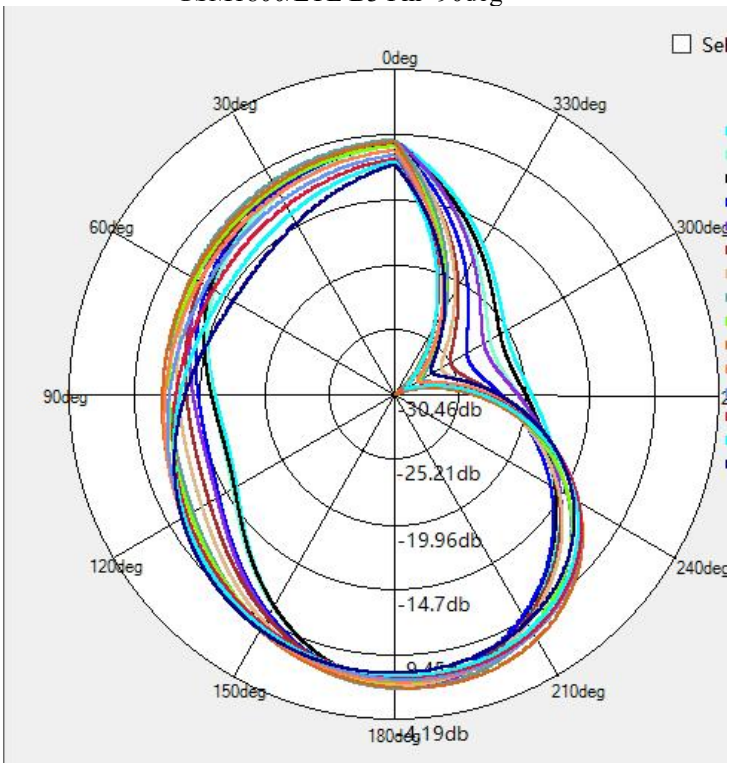
GSM1900/WCMD/B1/2/4LTE B1/2/4/66 Theta=90deg



GSM1800/LTE B3 Phi=0deg



GSM1800/LTE B3 Phi=90deg



GSM1800/LTE B3 Theta=90deg

TRANSSION
传音控股

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