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
Sunnyway Technology (China) Co.,Ltd. Shanghai HQ :1F,Building 4,No.99,Lane 215,GaoGuang Road,QingPu District,Shanghai,China	SYC-KJ6-ANT0-XX-XX SYC-KJ6-ANT1-XX-XX SYC-KJ6-ANT2-XX-XX SYC-KJ6-ANT12-XX-XX SYC-KJ6-ANT13-XX-XX SYC-KJ6-ANT14-XX-XX （XX:Version-Date）

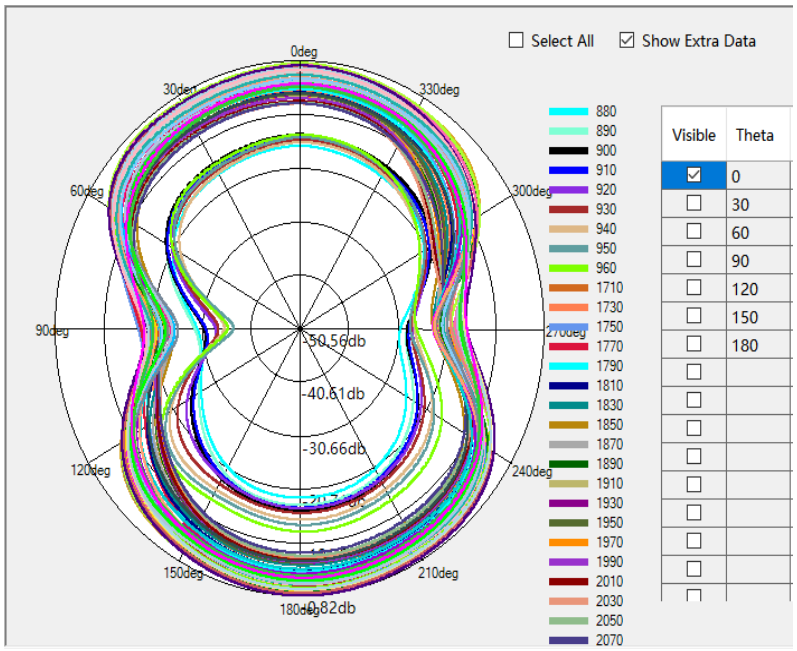
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824-849MHz
	GSM 900/WCDMA B8/LTE B8 : 880–915 MHz

		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 : 2500-2570MHz
		LTE B40 : 2300-2400MHz
		LTE B38/B41 : 2535-2655MHz
		LTE B20 : 832-862MHz
		LTE B12/B17/B28 : 699-748MHz
Receiver Frequency		GSM 850/WCDMA B5/LTE B5 : 869–894 MHz
		GSM 900/WCDMA B8/LTE B8 : 925–960 MHz
		DCS/LTE B3 : 1805–1880 MHz
		WCDMA 4/LTE B4/B66 : 2110-2180 MHz
		PCS/WCDMA B2/LTE B2 : 1930-1990MHz
		WCDMA B1/LTE B1 : 2110-2170MHz
		LTE B7 : 2620-2690MHz
		LTE B40 : 2300-2400MHz
		LTE B38/B41 : 2535-2655MHz
		LTE B20 : 791-821MHz
		LTE B28 : 758-803MHz
		LTE B12/B17 : 730-746MHz
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTEB1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain	ANT0	GSM 850/WCDMA B5/LTE B5:-7.11dBi
		GSM 900/WCDMA B8/LTE B8:-6.28dBi
		DCS /WCDMA B4/LTE B3/B4/B66:-3.70dBi
		PCS/WCDMA B2/LTE B2:-4.61dBi
		WCDMA B1/LTE B1:-3.04dBi
		LTE B7/B38/B41:-3.05dBi
		LTE B20:-6.96dBi
		LTE B12/B17/B28:-6.16dBi
		LTE B40:-0.82dBi
	ANT1	B1/B3 :-8.61dBi
		B40 :-8.95dBi
	ANT2	GSM 850/WCDMA B5/LTE B5:-4.00dBi

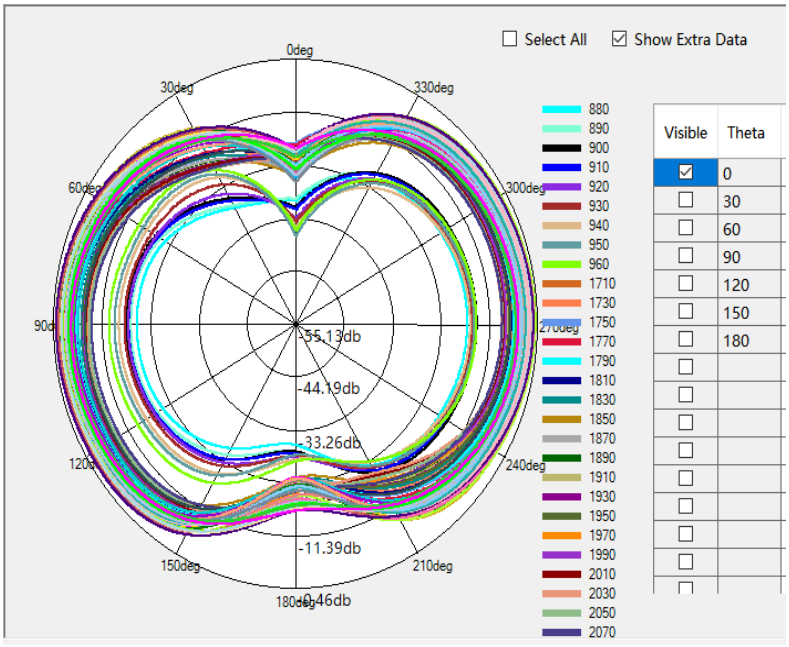
		GSM 900/WCDMA B8/LTE B8:-4.10dBi
		DCS /WCDMA B4/LTE B3/B4/B66:-2.12dBi
		PCS/WCDMA B2/LTE B2:-2.29dBi
		WCDMA B1/LTE B1:-1.84dBi
		LTE B7/B38/B41:-1.25dBi
		LTE B20:-5.39dBi
		LTE B12/B17/B28:-7.15dBi
		LTE B40:-1.23dBi
	ANT12	WIFI 2.4G/BT:-2.50dBi 5G:-5.07dBi
	ANT13	GPS(L1):-2.86dBi
	ANT14	WIFI 2.4G:-4.70dBi
Type of Modulation		

※ Antenna Gain

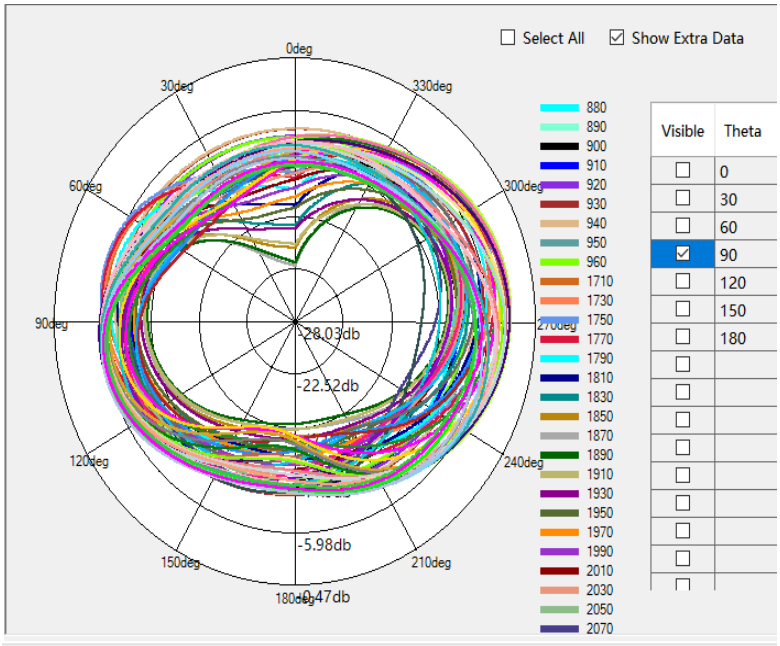
ANT0



G900/G1800/B3/B7/B8/B38/B40/B41/W8 Phi=0deg



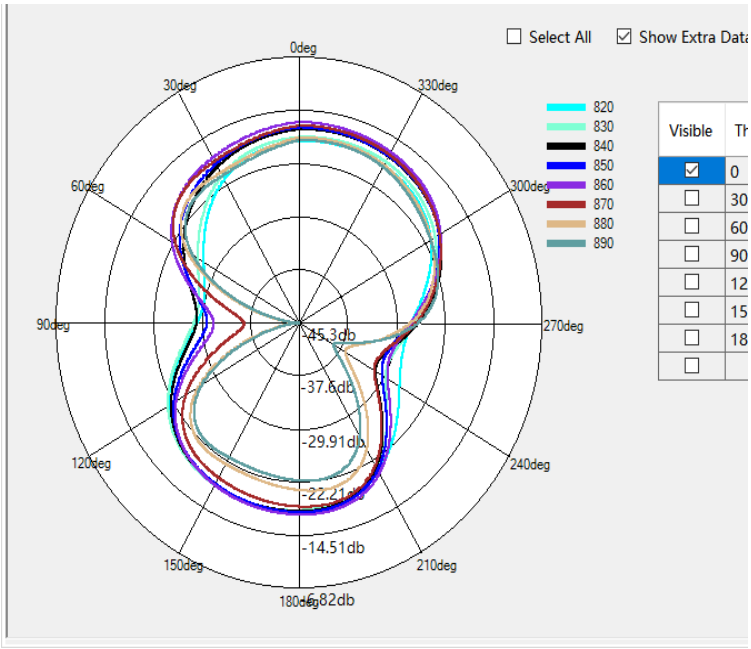
G900/G1800/B3/B7/B8/B38/B40/B41/W8 Phi=90deg



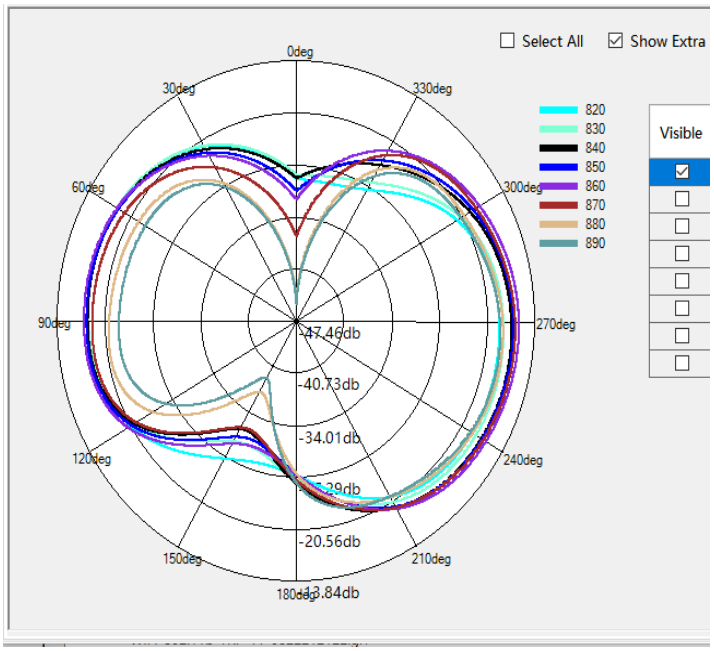
G900/G1800/B3/B7/B8/B38/B40/B41/W8 Theta=90deg

※ Antenna Gain

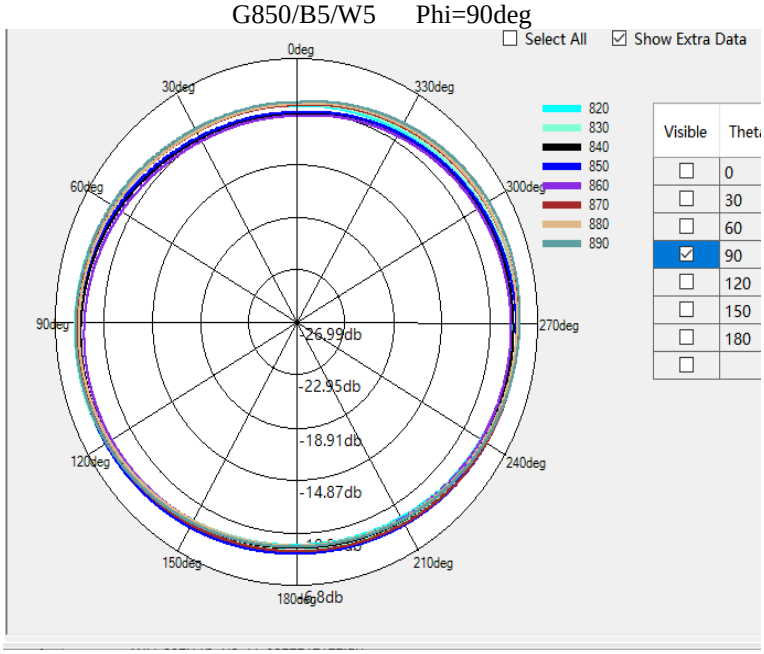
ANT0



G850/B5/W5 Phi=0deg



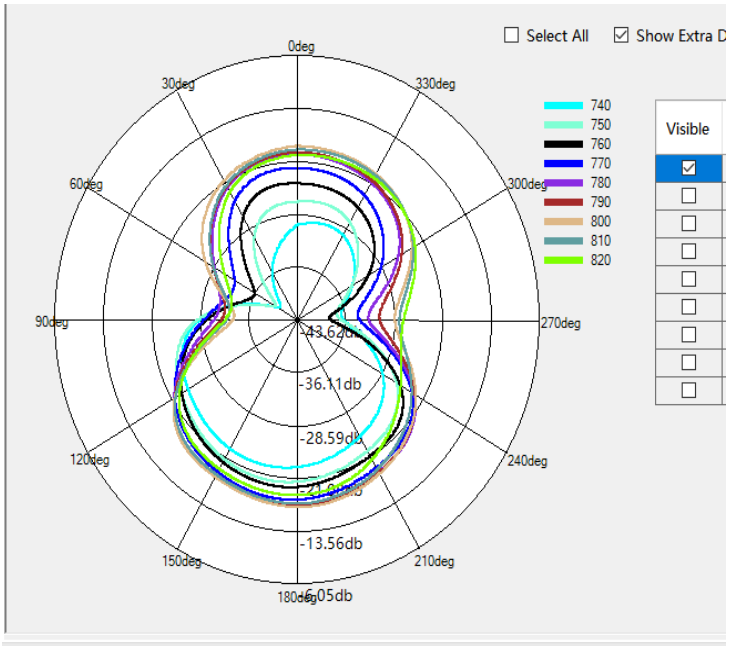
G850/B5/W5 Phi=90deg



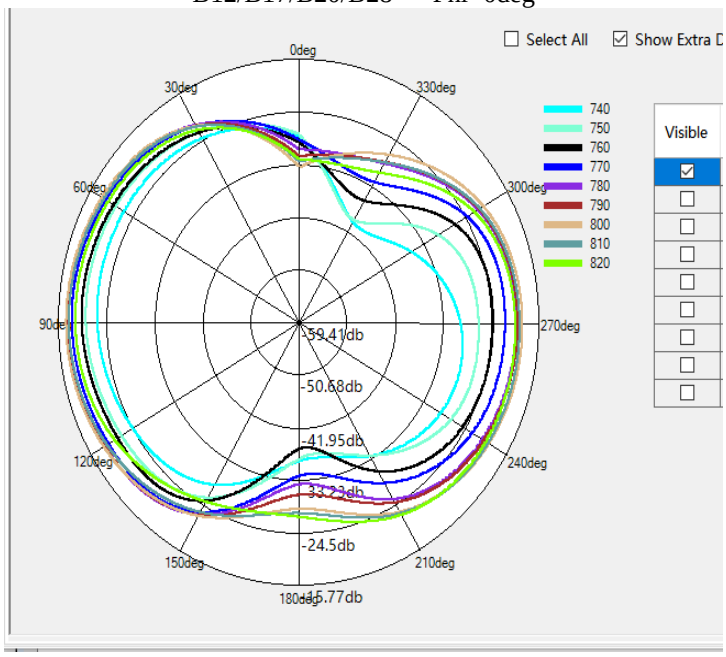
G850/B5/W5 Theta=90deg

※ Antenna Gain

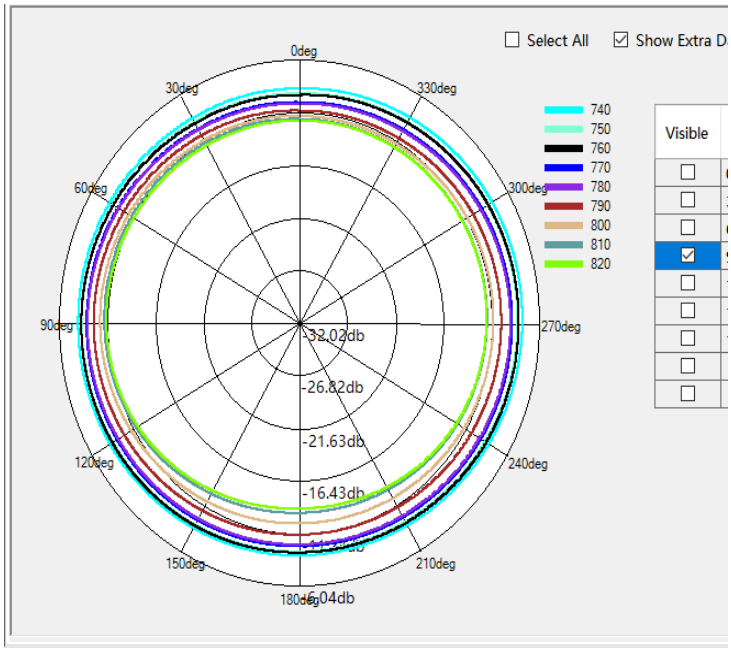
ANT0



B12/B17/B20/B28 Phi=0deg



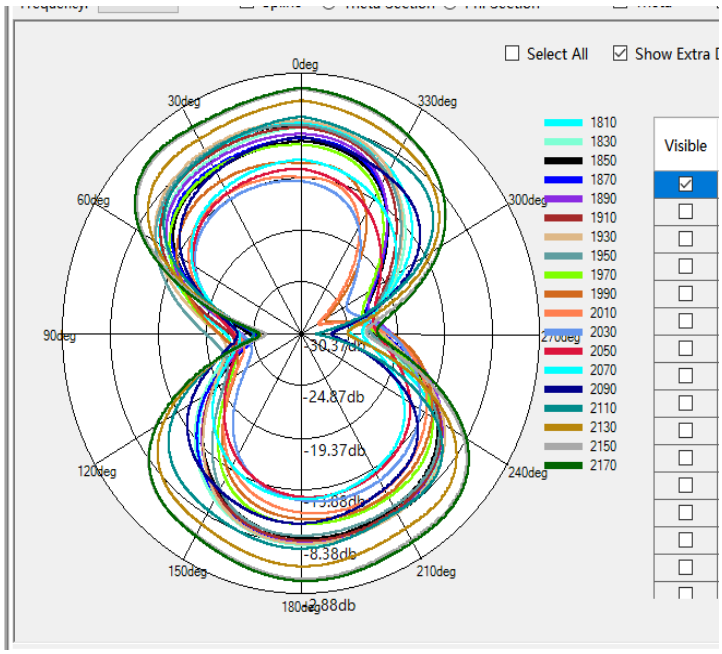
B12/B17/B20/B28 Phi=90deg



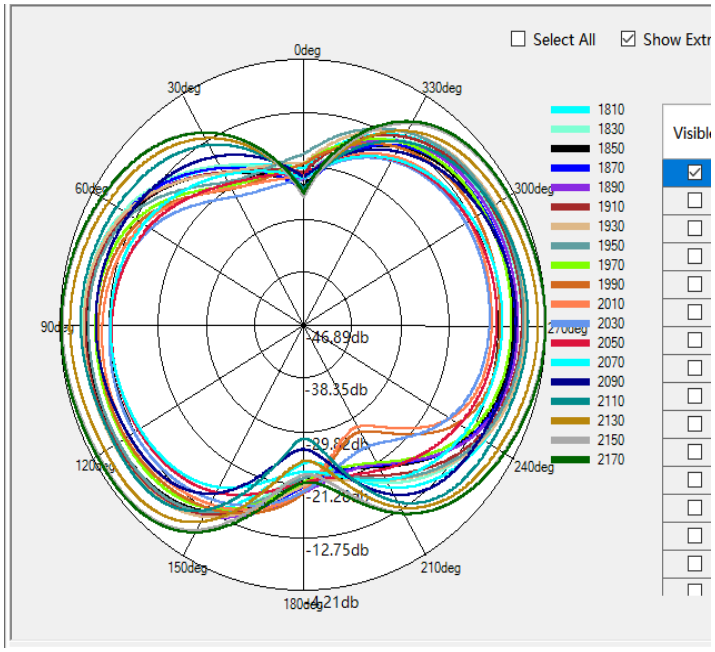
B12/B17/B20/B28 Theta=90deg

※ Antenna Gain

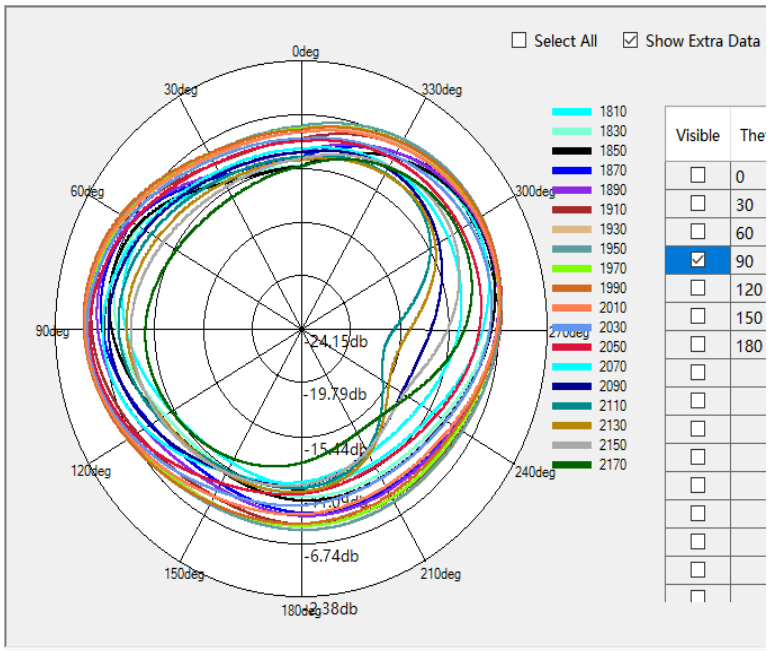
ANT0



G1900/B1/B2/B4/B66/W2/W4 Phi=0deg



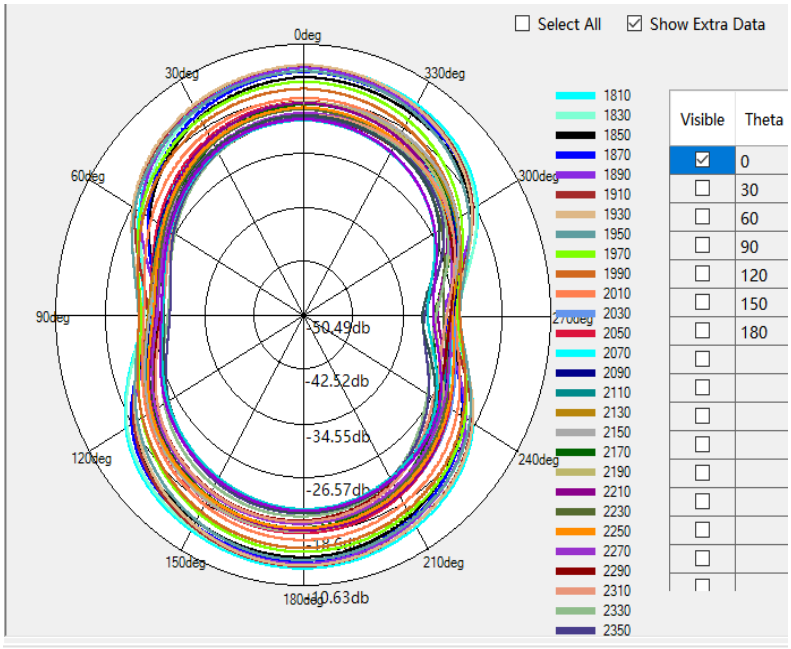
G1900/B1/B2/B4/B66/W2/W4 Phi=90deg



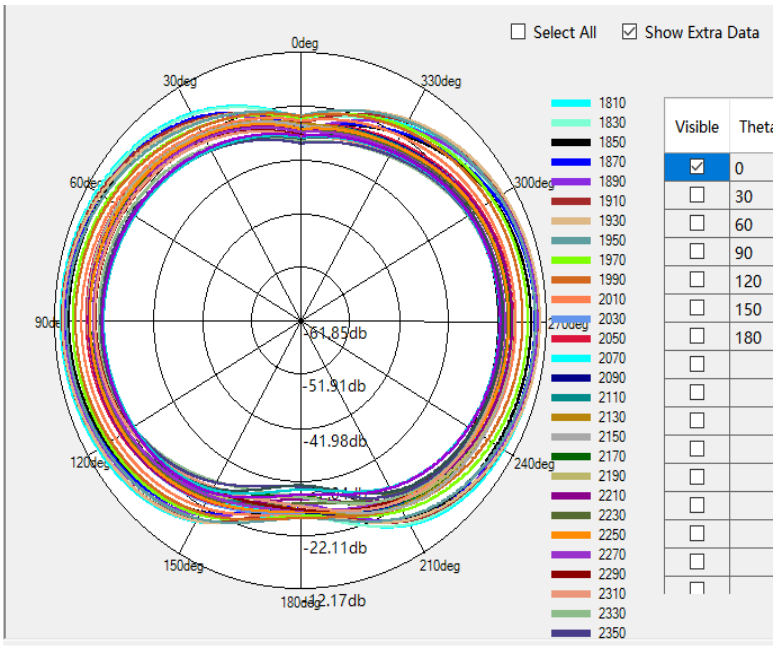
G1900/B1/B2/B4/B66/W2/W4 Theta=90deg

※ Antenna Gain

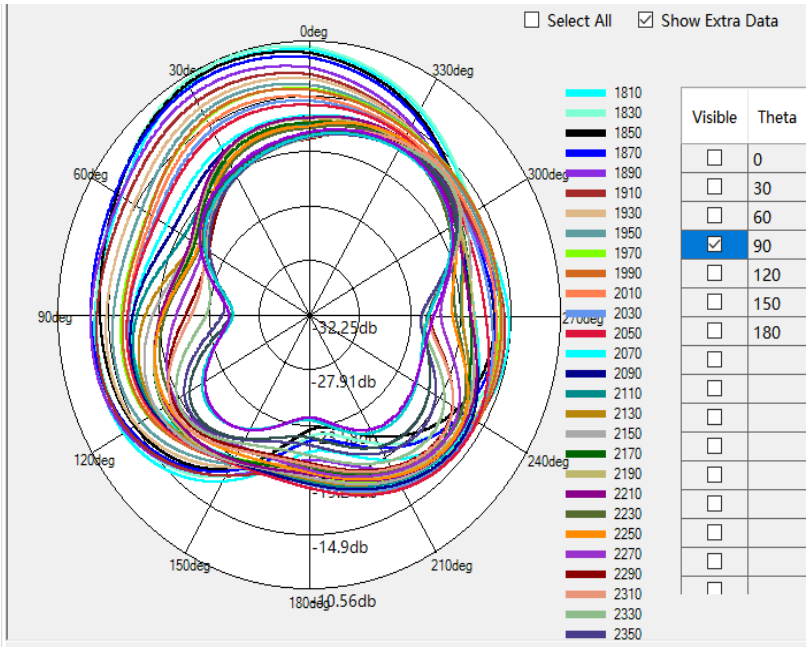
ANT1



B1/B3/B40 Phi=0deg



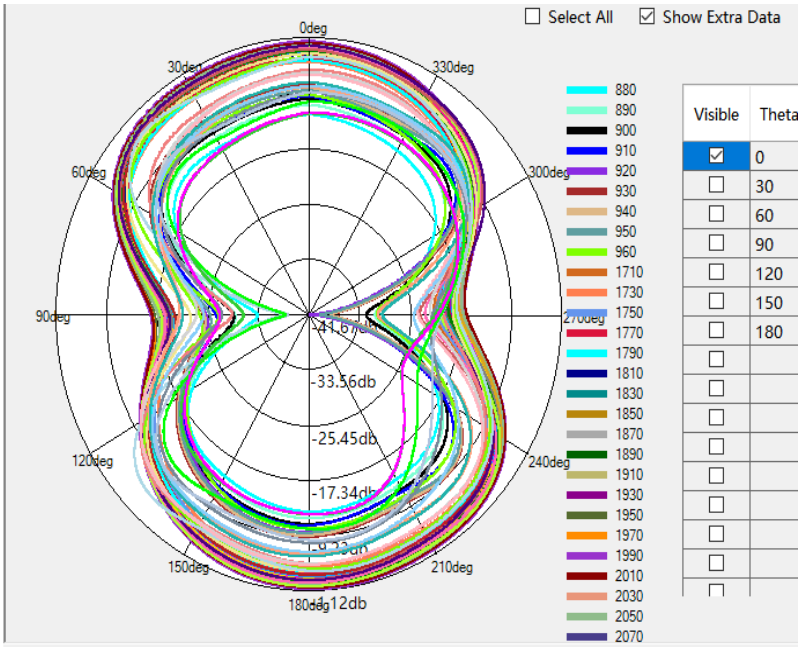
B1/B3/B40 Phi=90deg



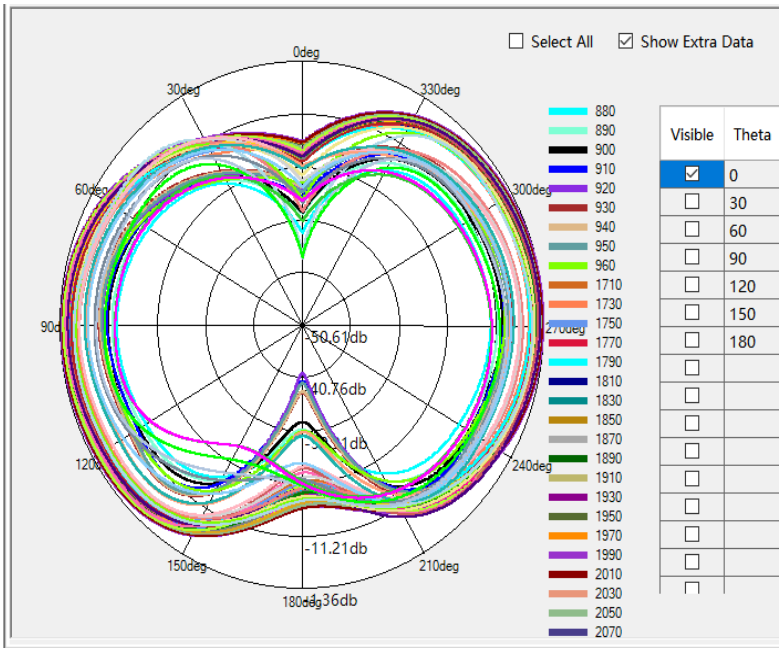
B1/B3/B40 Theta=90deg

※ Antenna Gain

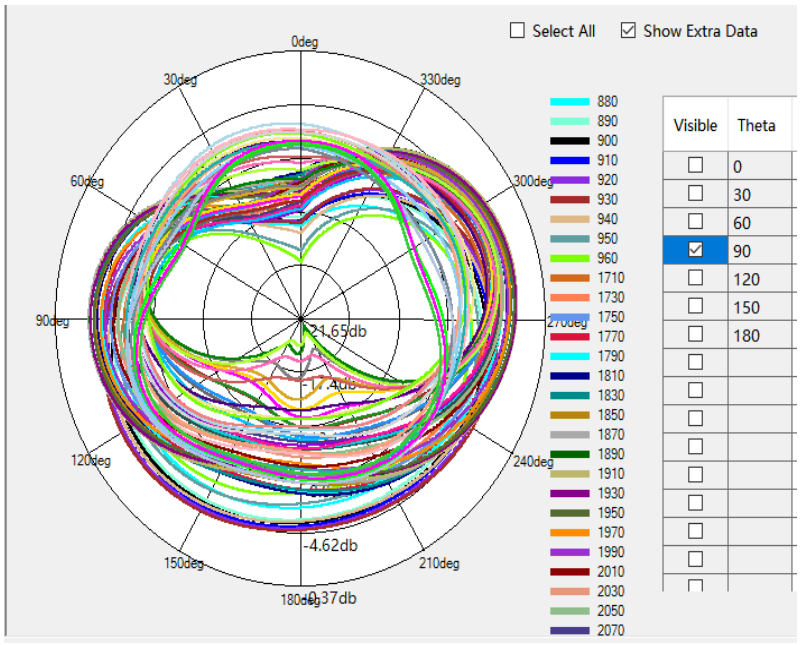
ANT2



G900/G1800/G1900/B1/B2/B3/B4/B7/B8/B38/B41/B66/W1/W2/W4/W8 Phi=0deg



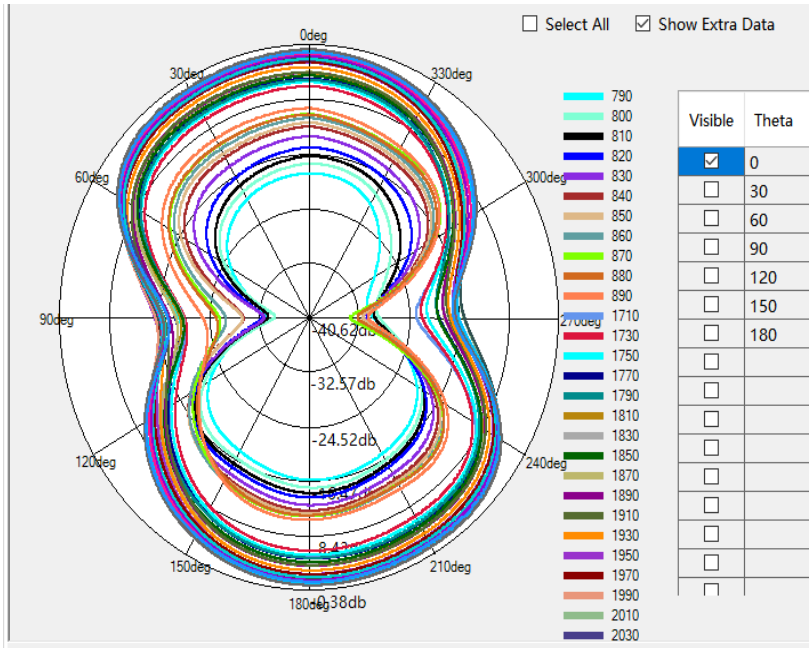
G900/G1800/G1900/B1/B2/B3/B4/B7/B8/B38/B41/B66/W1/W2/W4/W8 Phi=90deg



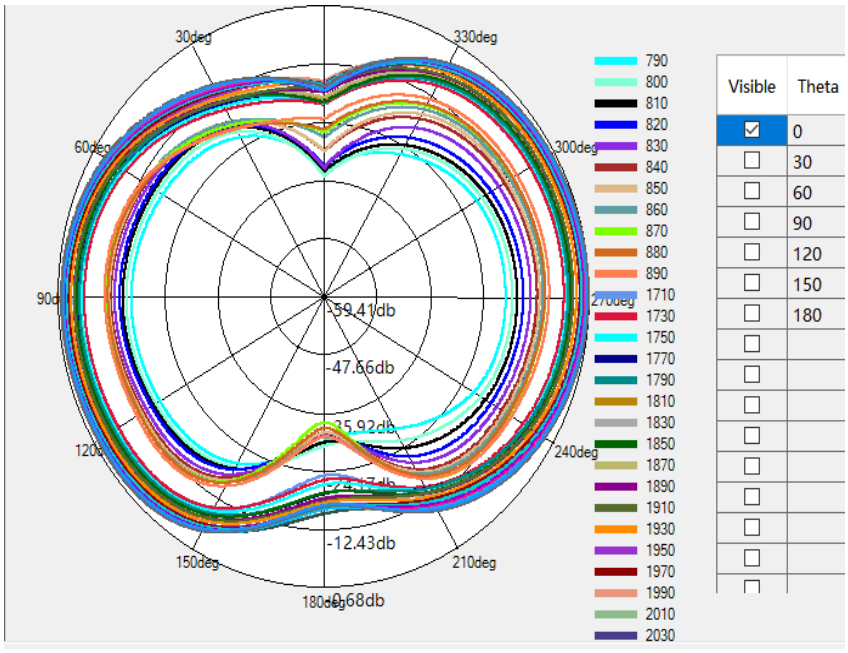
G900/G1800/G1900/B1/B2/B3/B4/B7/B8/B38/B41/B66/W1/W2/W4/W8 Theta=90deg

※ Antenna Gain

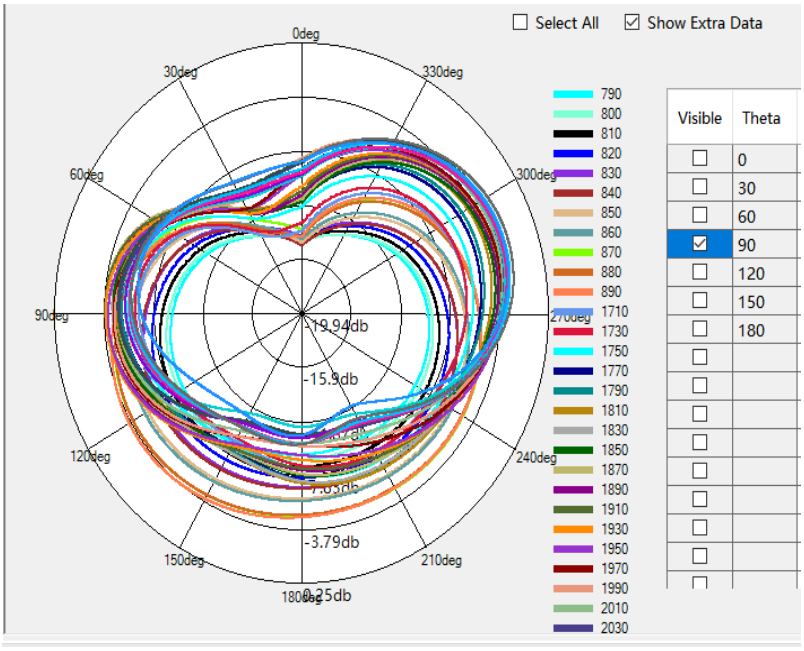
ANT2



G850/B5/B20/B40/W5 Phi=0deg



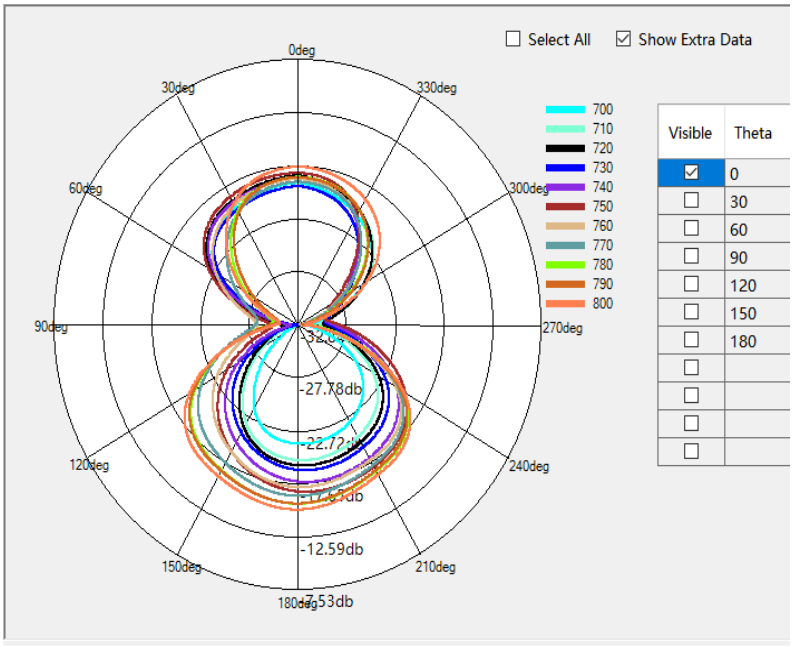
G850/B5/B20/B40/W5 Phi=90deg



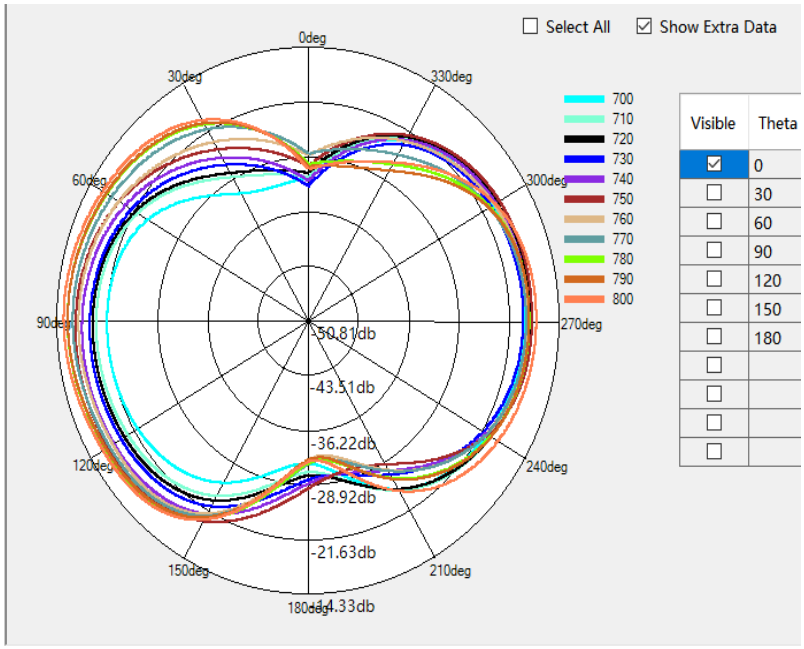
G850/B5/B20/B40/W5 Theta=90deg

※ Antenna Gain

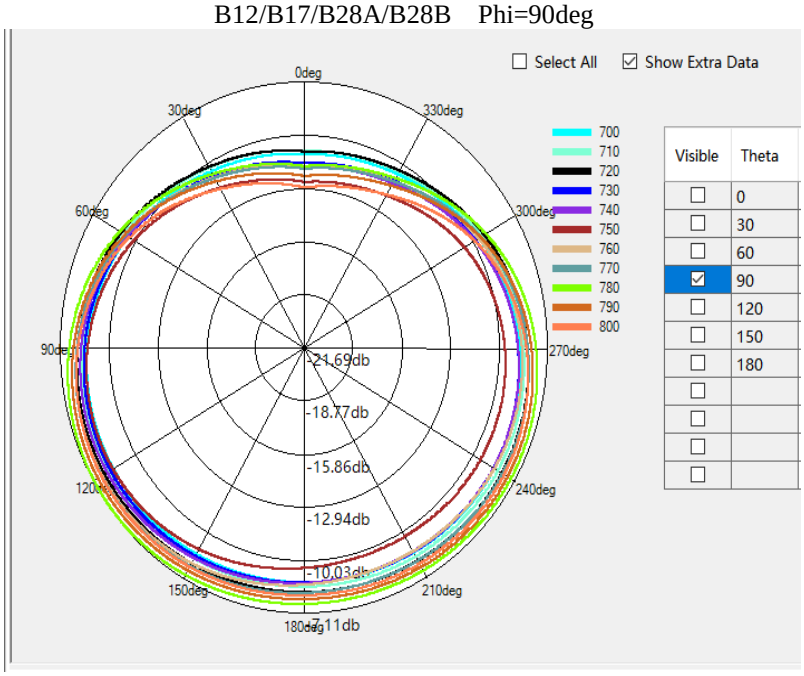
ANT2



B12/B17/B28A/B28B Phi=0deg



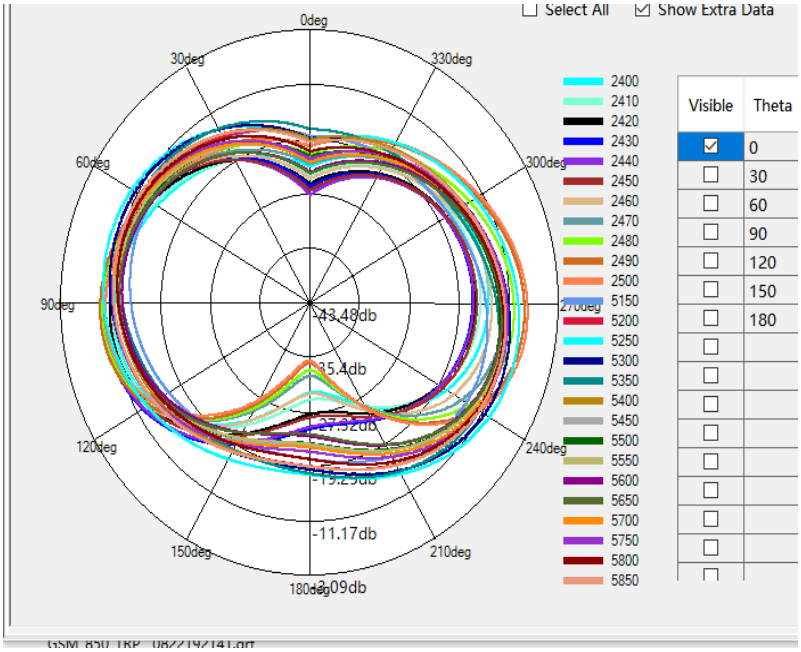
B12/B17/B28A/B28B Phi=90deg



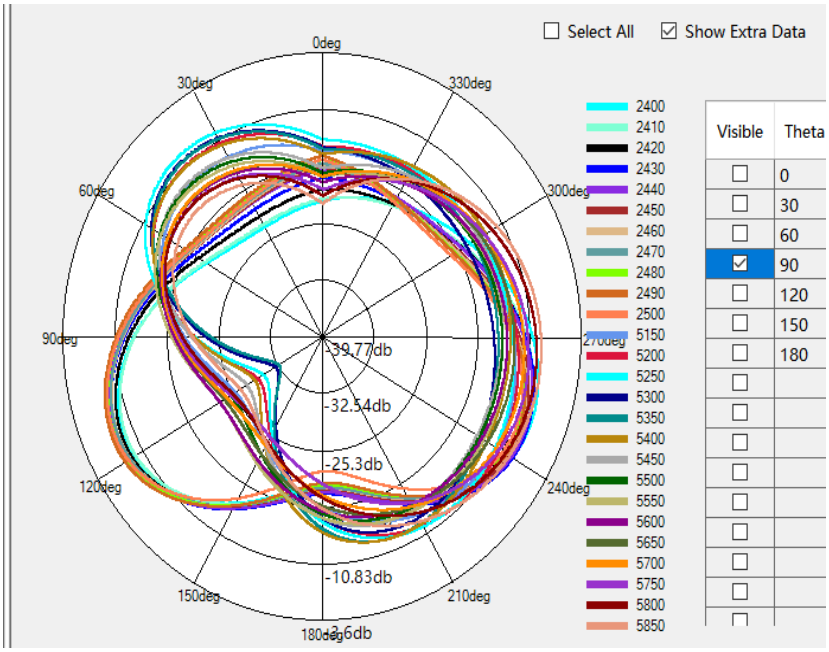
B12/B17/B28A/B28B Theta=90deg

※ Antenna Gain

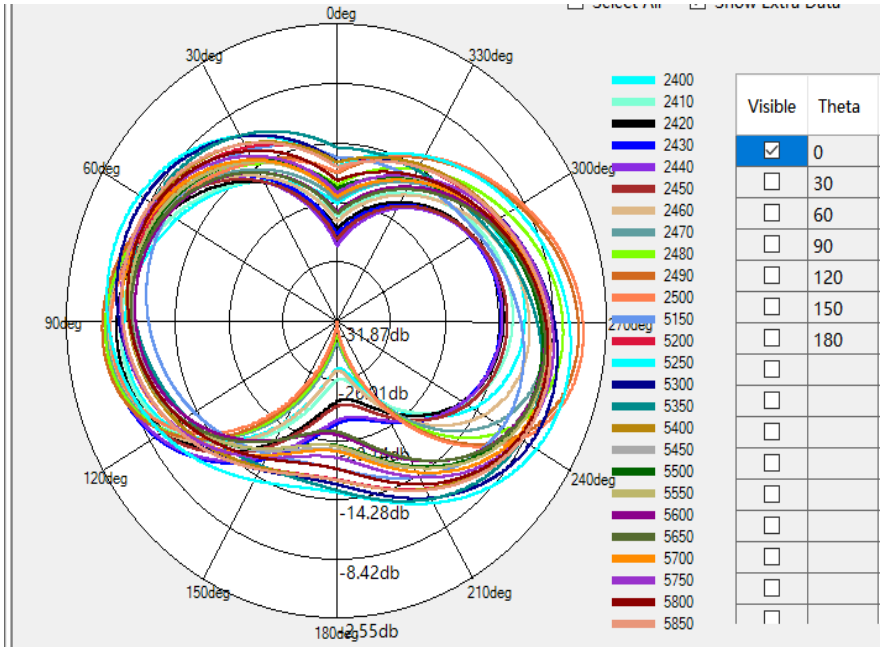
ANT12



WIFI2.4G/BT//WIFI5G Phi=0deg



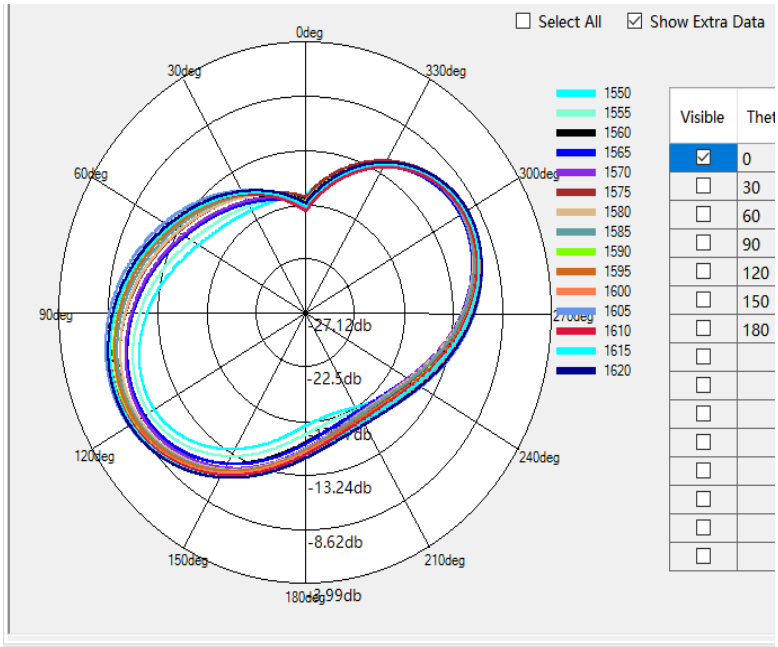
WIFI2.4G/BT//WIFI5G Phi=90deg



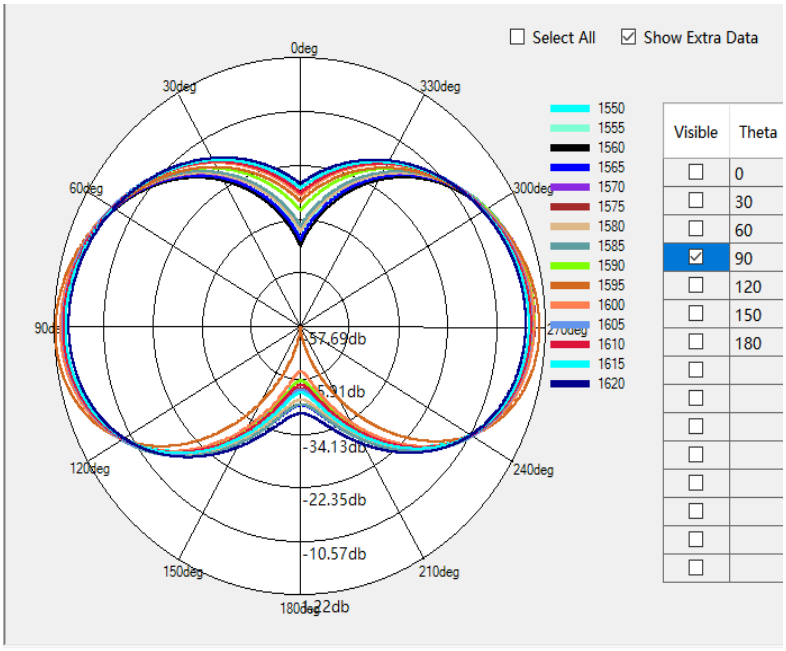
WIFI2.4G/BT/WIFI5G Theta=90deg

※ Antenna Gain

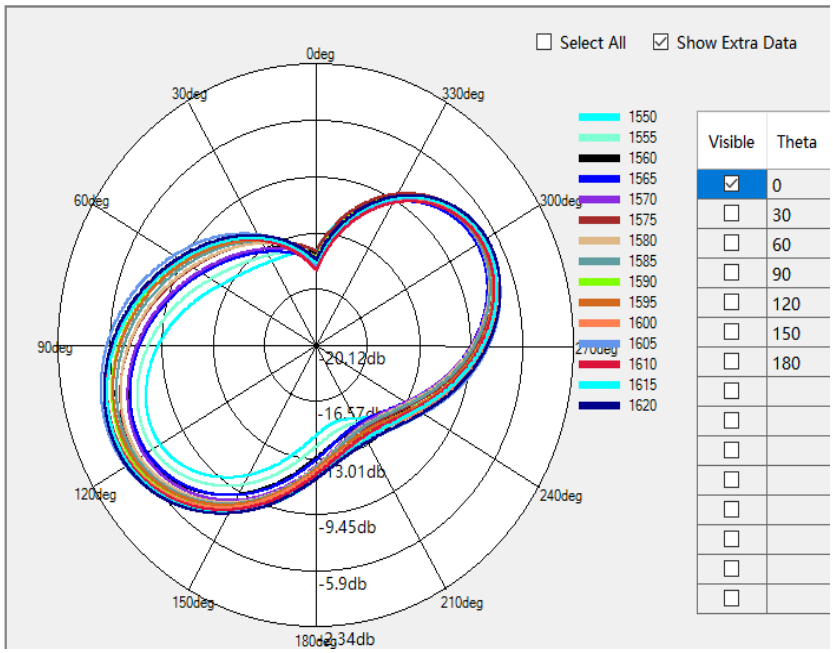
ANT13



GPS Phi=0deg



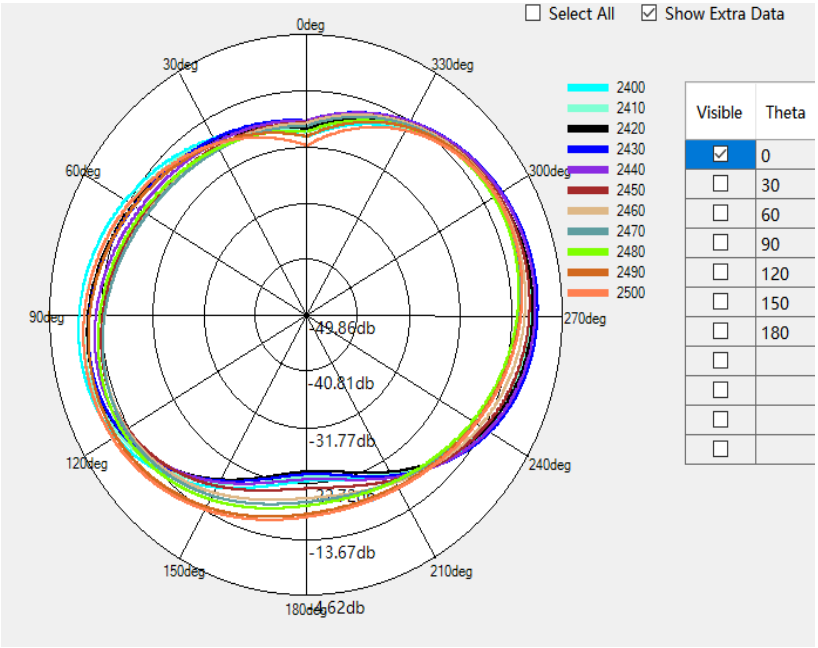
GPS Phi=90deg



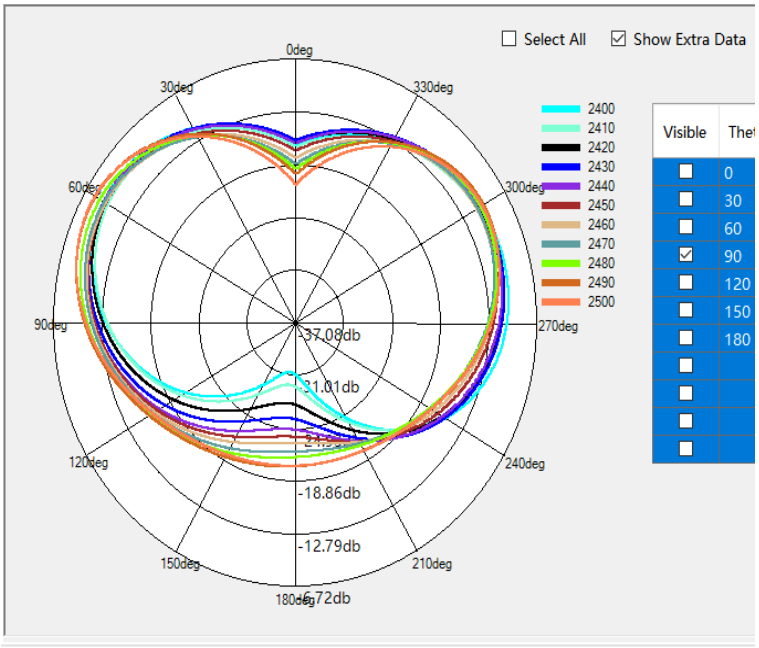
GPS Theta=90deg

※ Antenna Gain

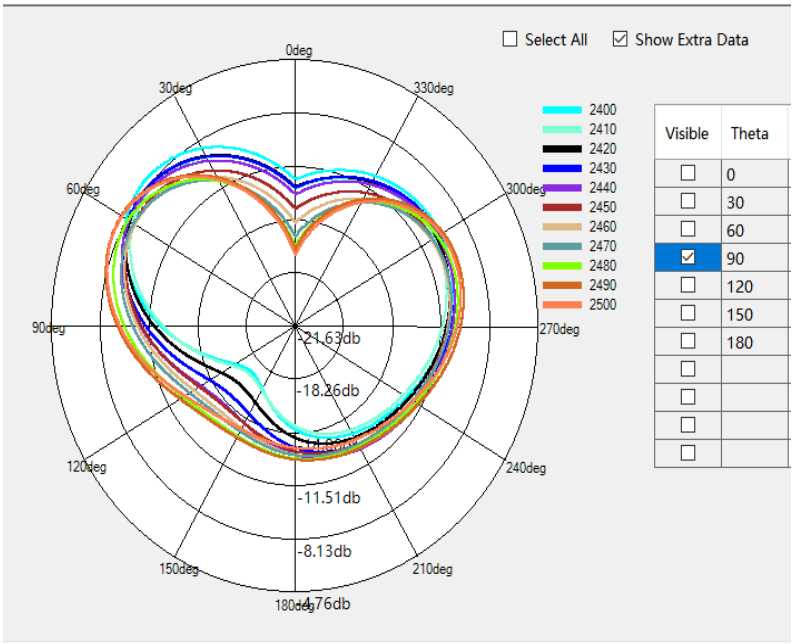
ANT14



WIFI2.4G Phi=0deg



WIFI2.4G Phi=90deg



WIFI2.4G Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023/08/23