

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/B20/B28/B38/B40/B41

Name and address of the antenna manufacturer	Model number of the antenna
Zhejiang Haitong Communication Electronic Ltd. Co., Chongqing Branch Add: Room 304, Building 27, Fire Chain Digital Innovation Base, Xiantao Data Valley, Yubei District, Chongqing	X6837-ANT0-HT-XX-XX X6837-ANT1-HT-XX-XX X6837-ANT2-HT-XX-XX X6837-ANT12-HT-XX-XX X6837-ANT13-HT-XX-XX X6837-ANT14-HT-XX-XX (XX:Version-Date)

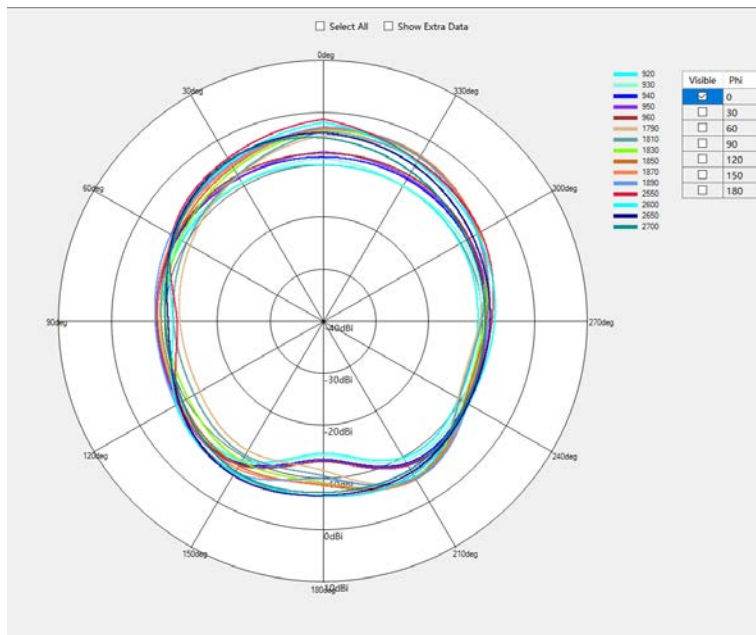
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824-849MHz

		GSM 900/WCDMA B8/LTE B8 : 880–915 MHz
		DCS /WCDMA B4/LTE B3/B4 : 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 B28 : 703-748MHz
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 : 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 : 2535-2655MHz
		LTE B20 : 791-821MHz
LTE 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/B20/B28/B38/B40/B41: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain		GSM 850/WCDMA B5/LTE B5:-5.56dBi
		GSM 900/WCDMA B8/LTE B8:-4.60dBi
		DCS /WCDMA B4/LTE B3/B4:-1.55dBi
		PCS/WCDMA B2/LTE B2:-0.21dBi
		WCDMA B1/LTE B1:-1.25dBi
		LTE B7/B38/B41:0.78dBi
		LTE B20:-5.40dBi
		LTE B28:-5.41dBi
		LTE B40:-1.02dBi
ANT1		B1/B3 :-6.35dBi
		B40 :-6.62dBi

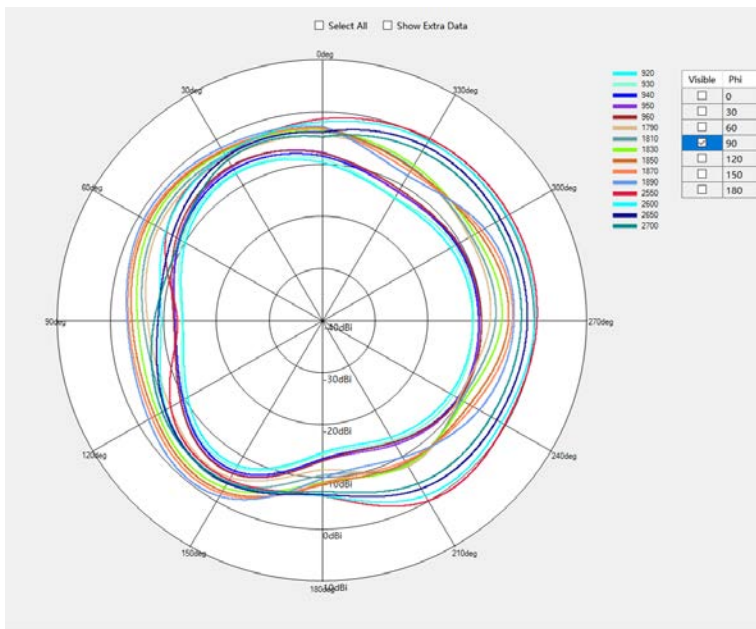
	ANT2	GSM 850/WCDMA B5/LTE B5:-3.63dBi
		GSM 900/WCDMA B8/LTE B8:-3.96dBi
		DCS /WCDMA B4/LTE B3/B4:-1.74dBi
		PCS/WCDMA B2/LTE B2:-2.11dBi
		WCDMA B1/LTE B1:0.03dBi
		LTE B7/B38/B41:0.23dBi
		LTE B20:-3.63dBi
		LTE B28:-5.21dBi
		LTE B40:1.14dBi
	ANT12	WIFI 2.4G/BT:1.35dBi 5G:-1.18dBi
	ANT13	GPS(L1):-6.11dBi
	ANT14	WIFI 2.4G:-4.63dBi
	Type of Modulation	

※ Antenna Gain

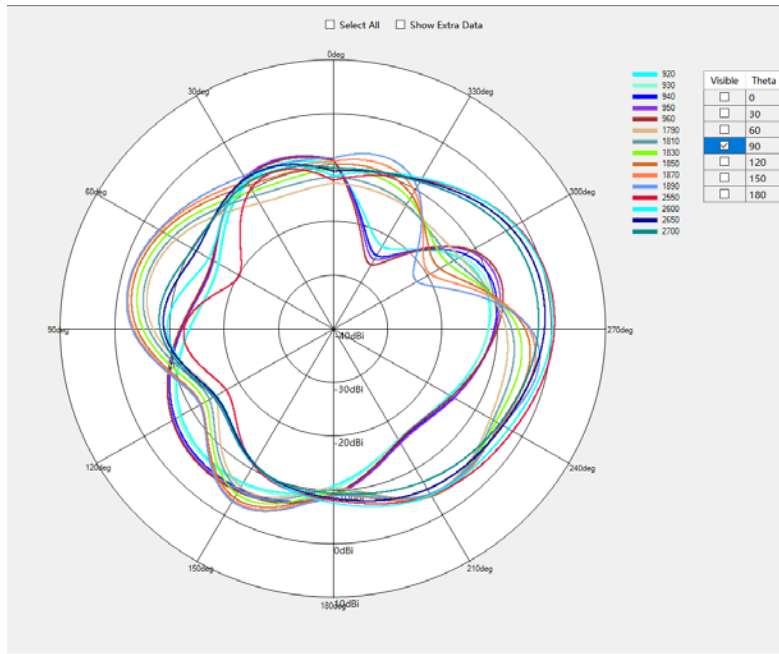
ANTO



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



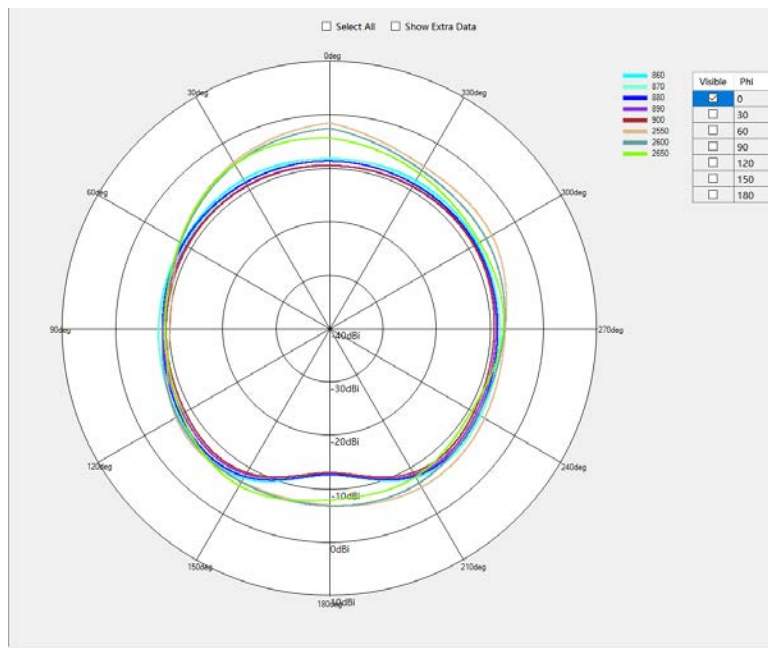
G900/G1800/B3/B7/B8/B41/W8 Phi=90deg



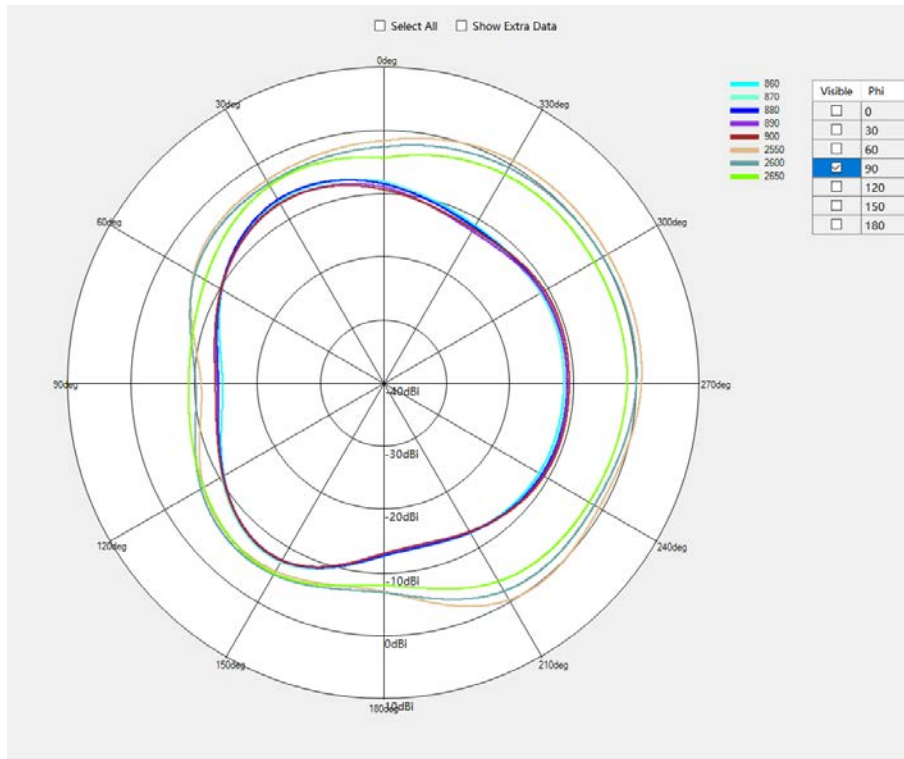
G900/G1800/B3/B7/B8/B41/W8 Theta=90deg

※ Antenna Gain

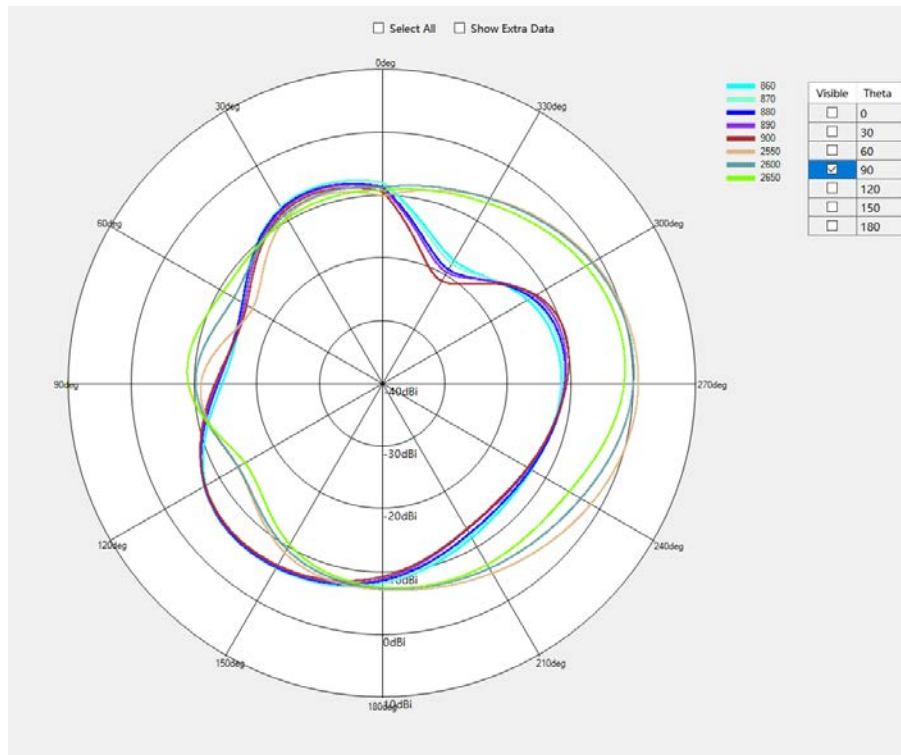
ANT0



G850/B5/B38/W5 Phi=0deg



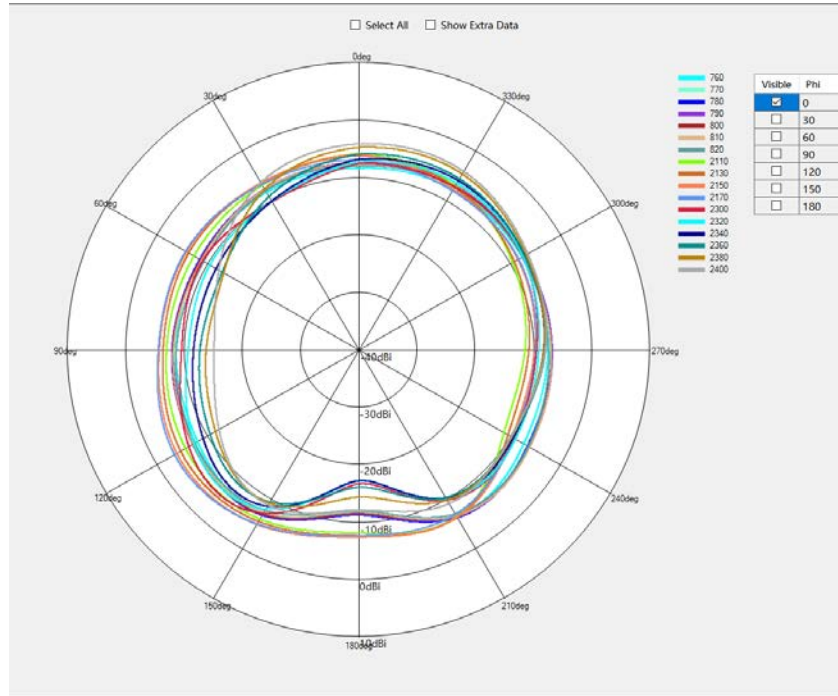
G850/B5/B38/W5 Phi=90deg



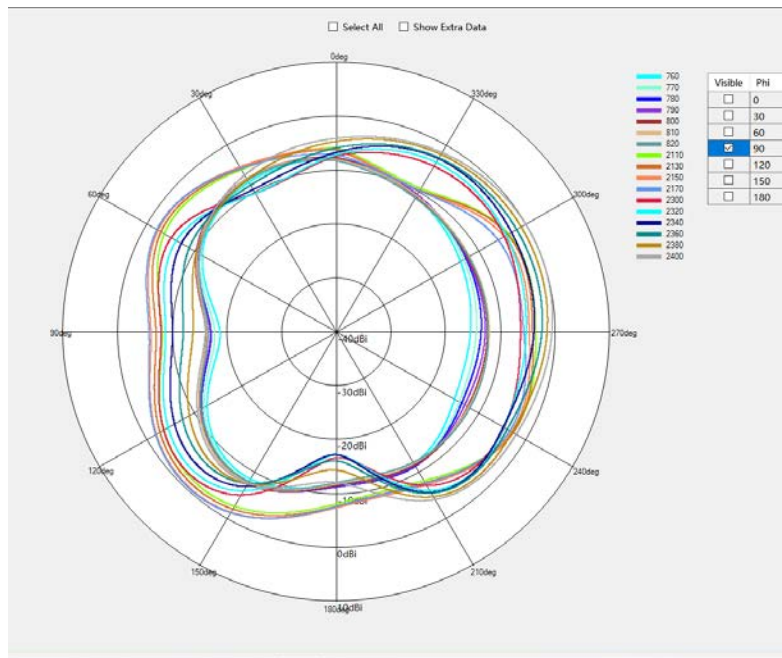
G850/B5/B38/W5 Theta=90deg

※ Antenna Gain

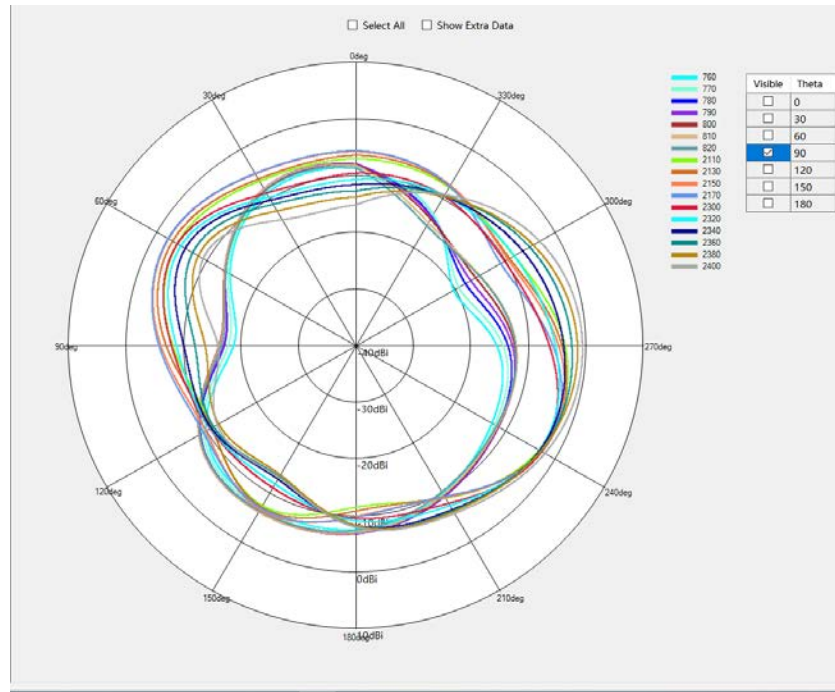
ANT0



B1/B4/B20/B28/B40/W1/W4 Phi=0deg



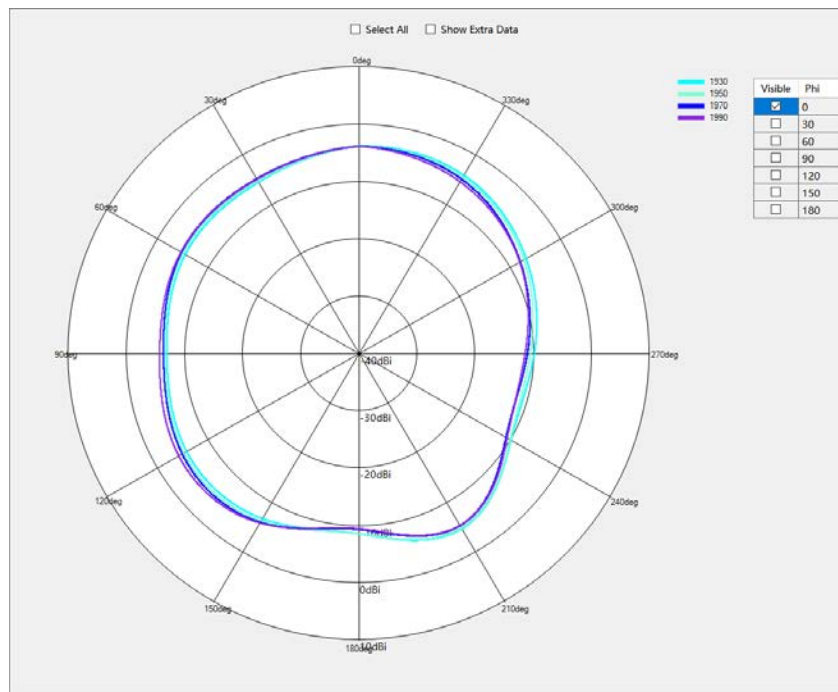
B1/B4/B20/B28/B40/W1/W4 Phi=90deg



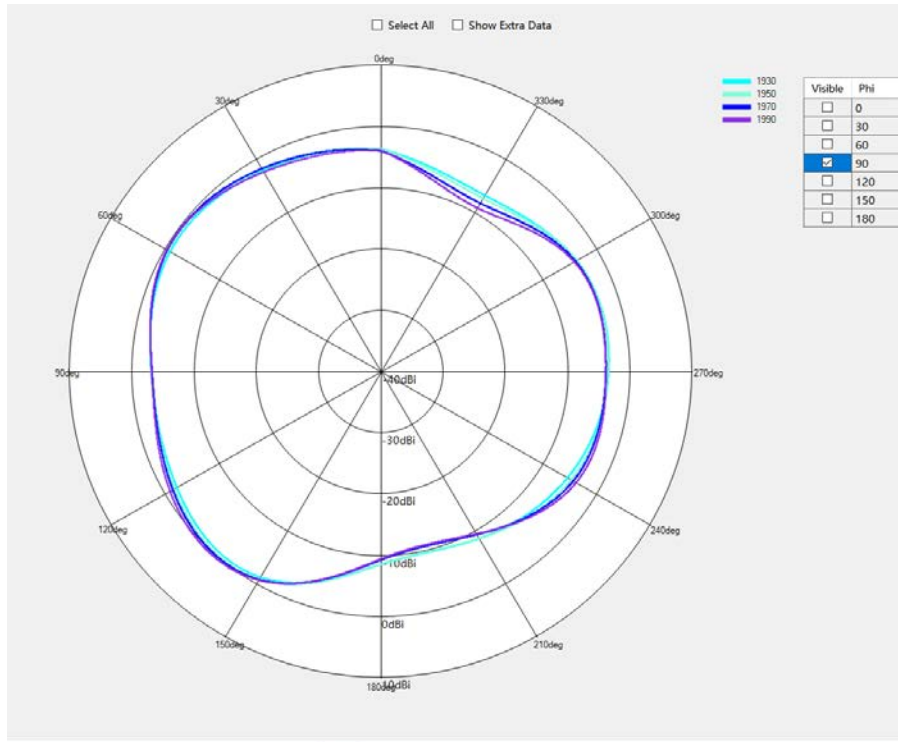
B1/B4/B20/B28/B40/W1/W4 Theta=90deg

※ Antenna Gain

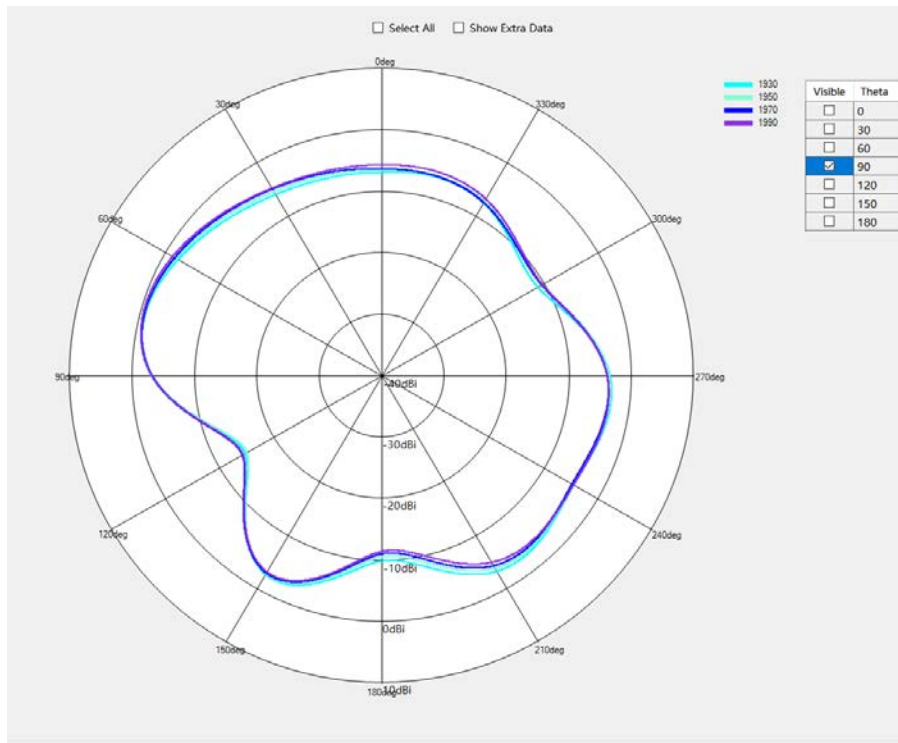
ANT0



G1900/B2/W2 Phi=0deg



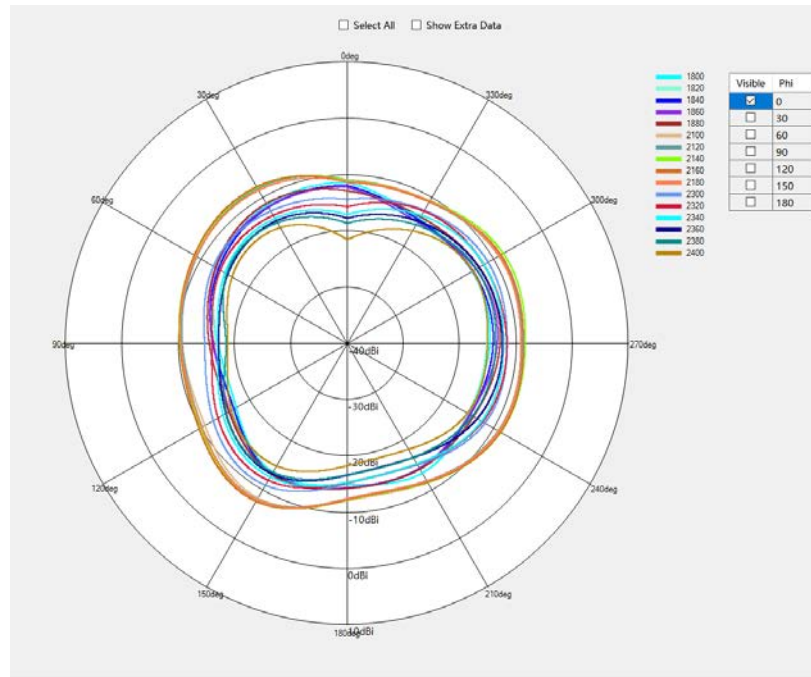
G1900/B2/W2 Phi=90deg



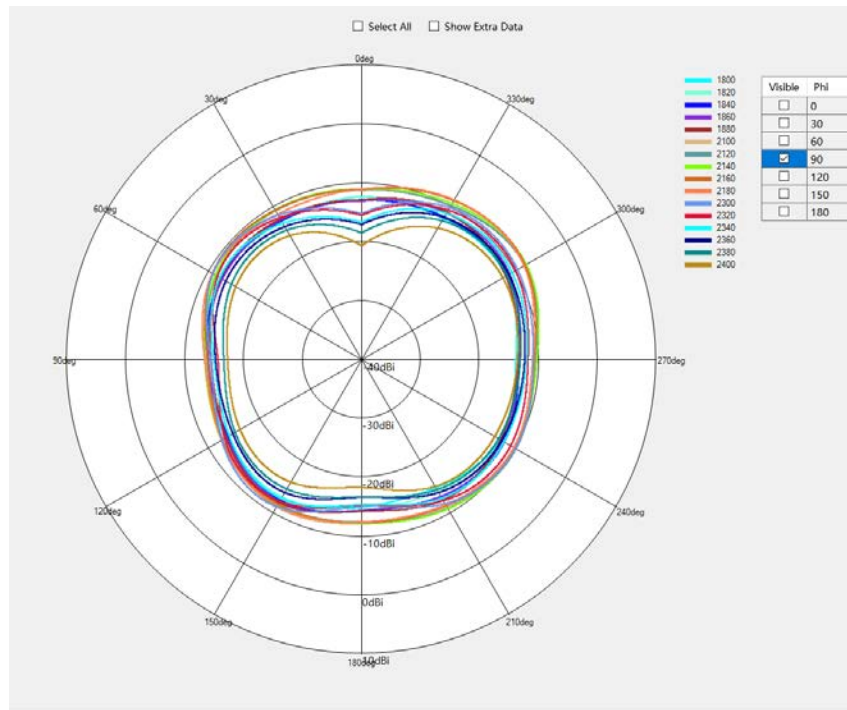
G1900/B2/W2 Theta=90deg

※ Antenna Gain

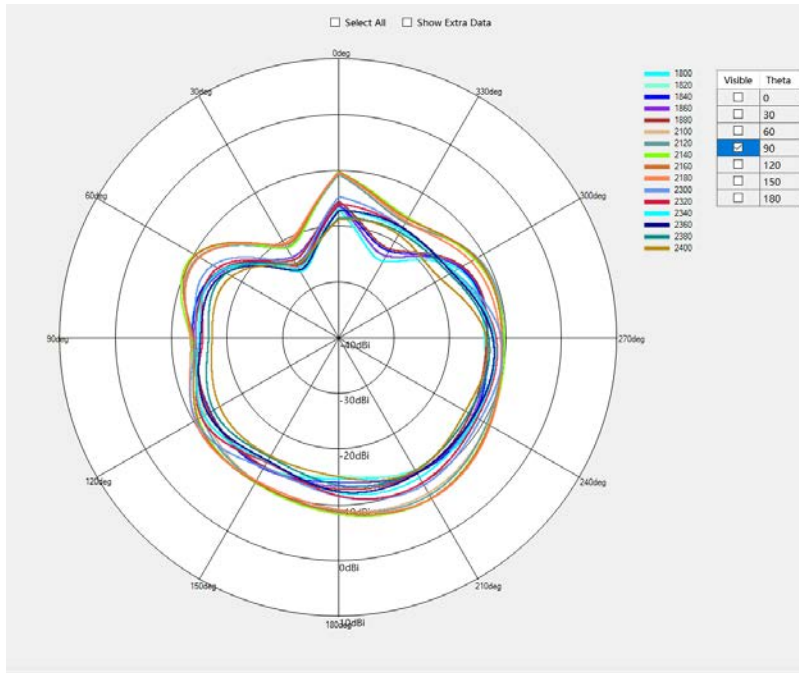
ANT1



B1/B3/B40 $\Phi=0^\circ$



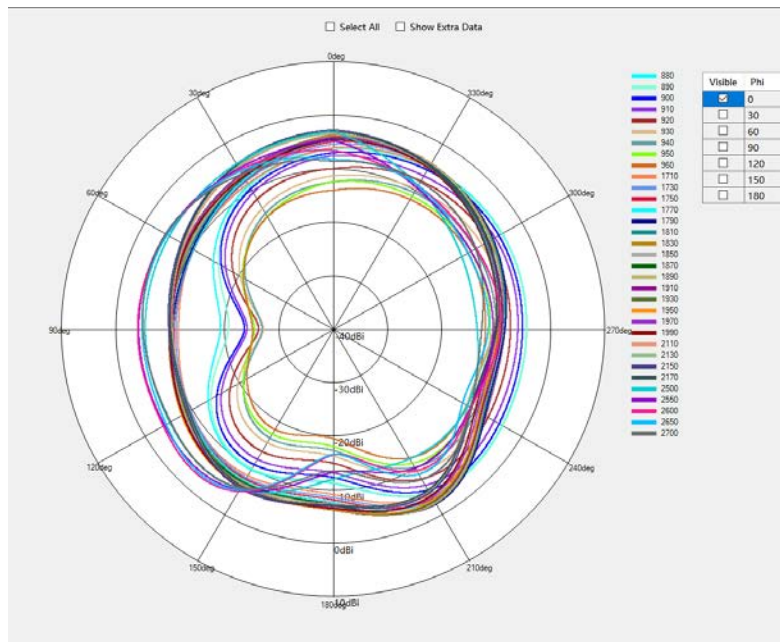
B1/B3/B40 $\Phi=90^\circ$



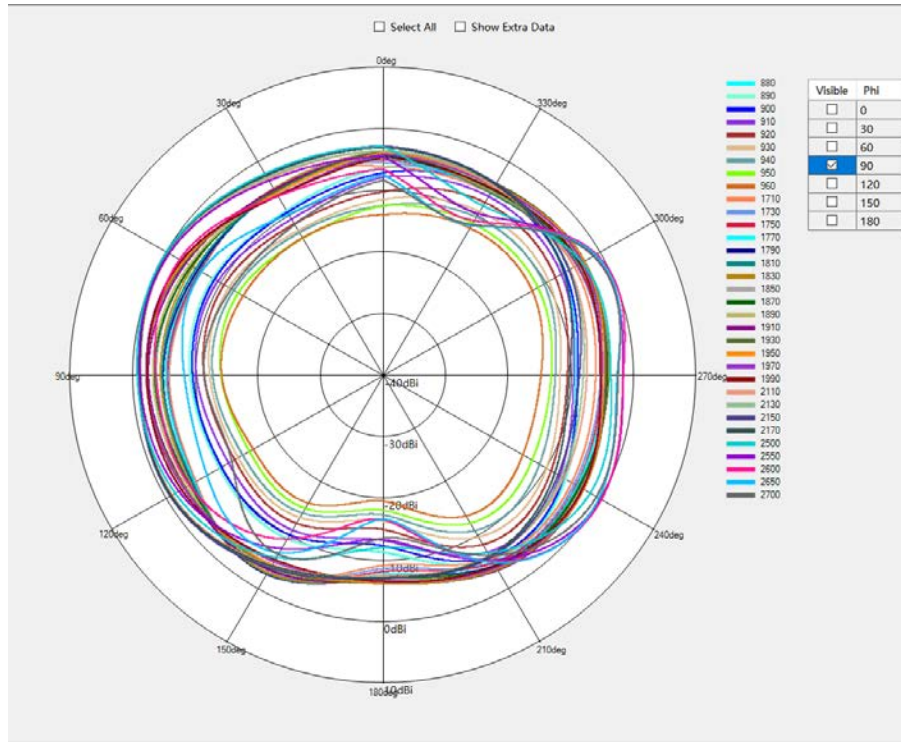
B1/B3/B40 Theta=90deg

※ Antenna Gain

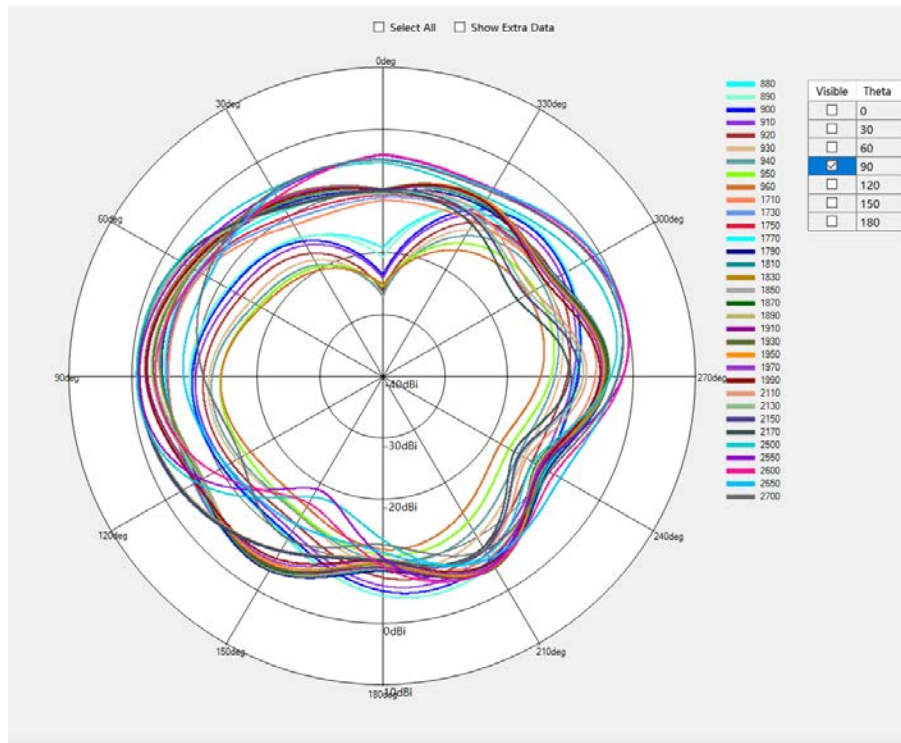
ANT2



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



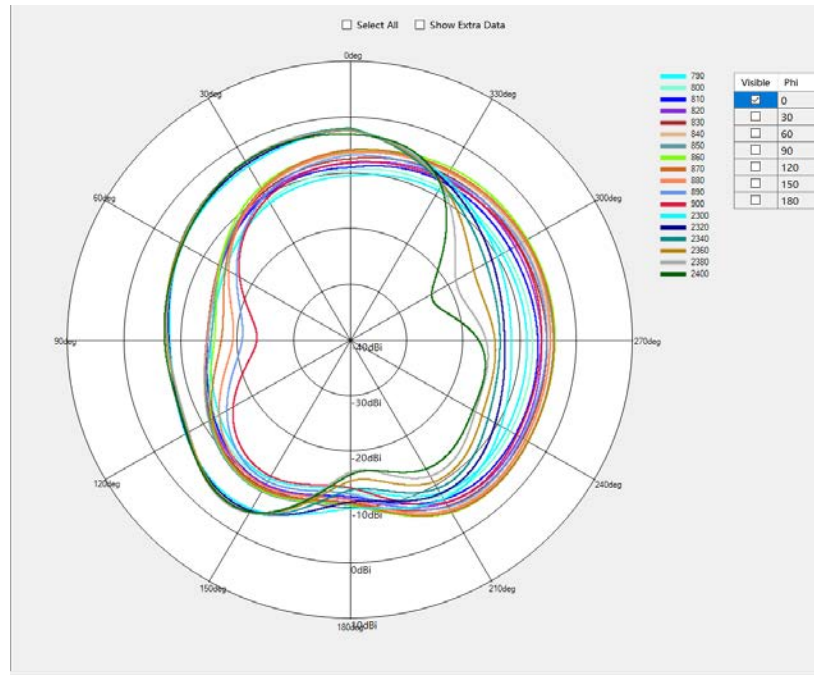
G900/G1800/G1900/B1/B2/B3/B4/B7/B8/B38/B41/W1/W2/W4/W8 Phi=90deg



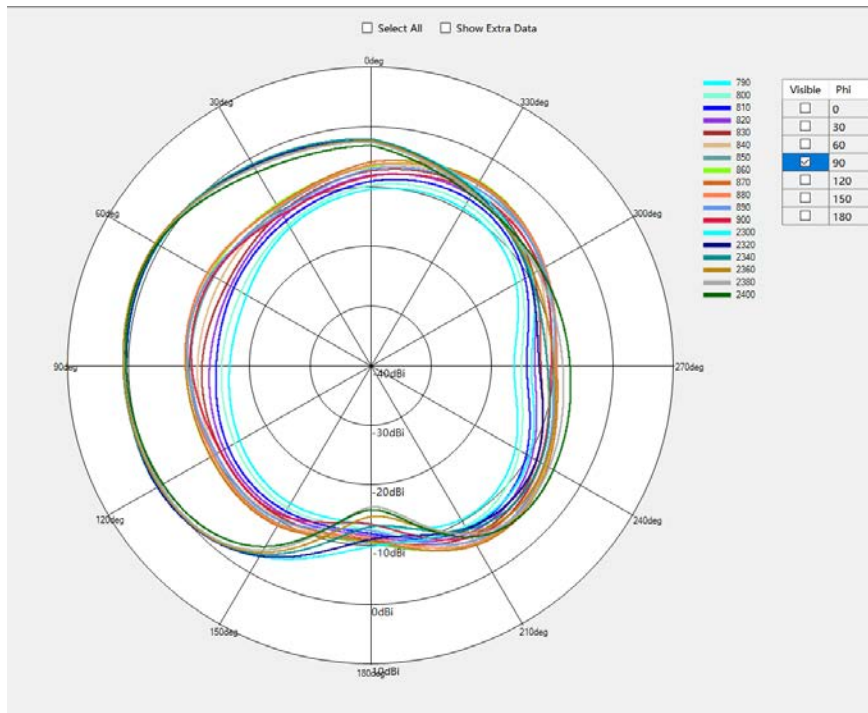
G900/G1800/G1900/B1/B2/B3/B4/B7/B8/B38/B41/W1/W2/W4/W8 Theta=90deg

※ Antenna Gain

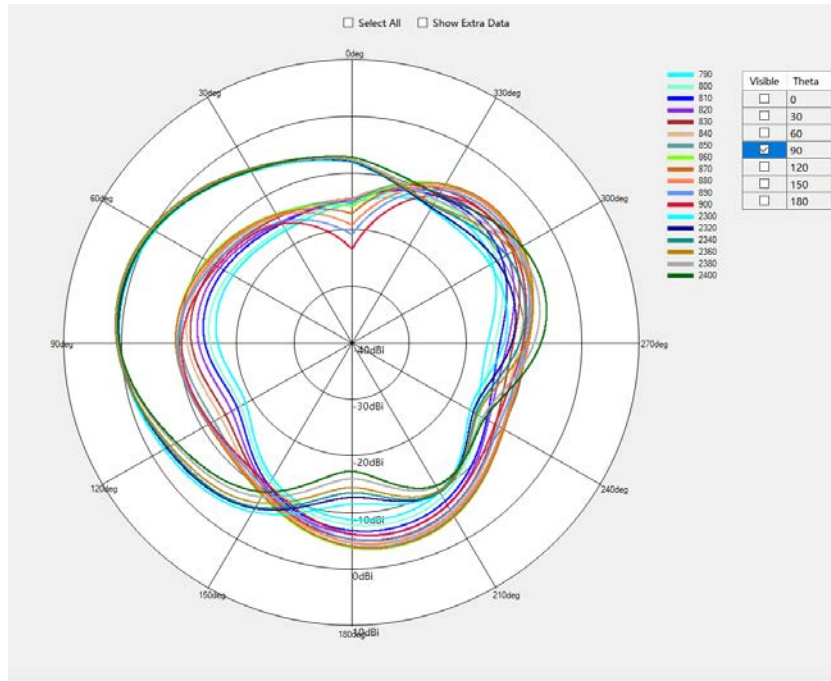
ANT2



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



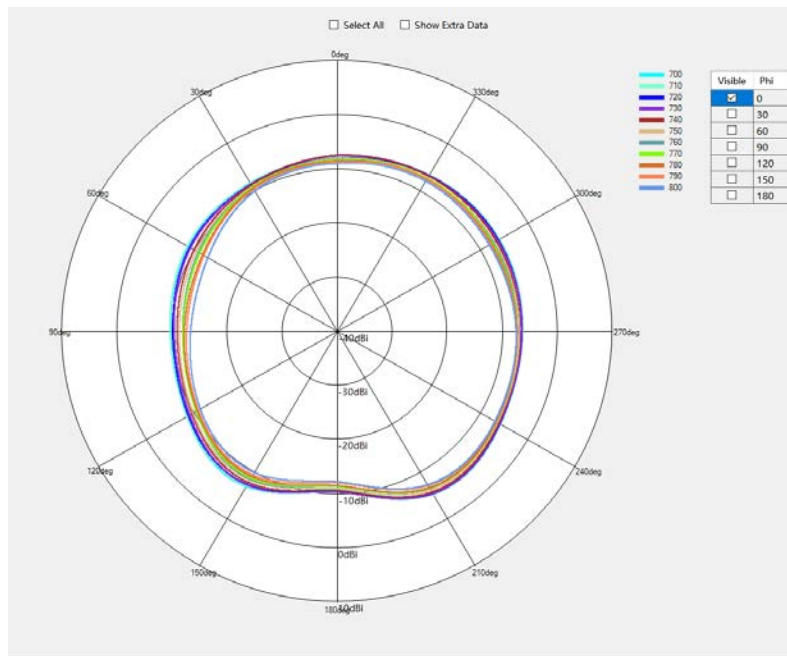
G850/B5/B20/B40/W5 Phi=90deg



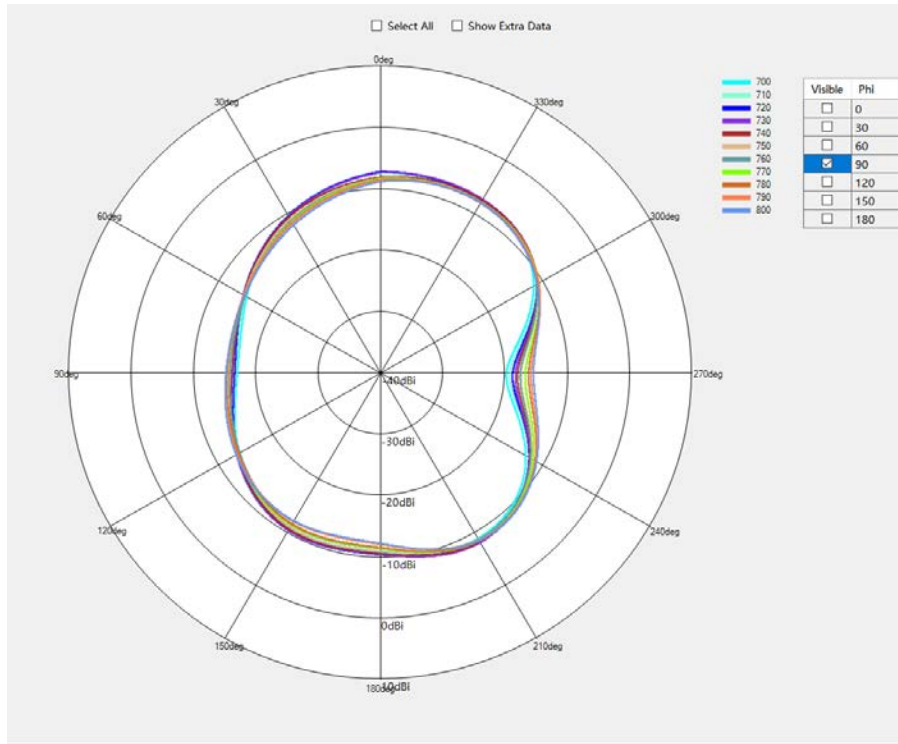
G850/B5/B20/B40/W5 Theta=90deg

※ Antenna Gain

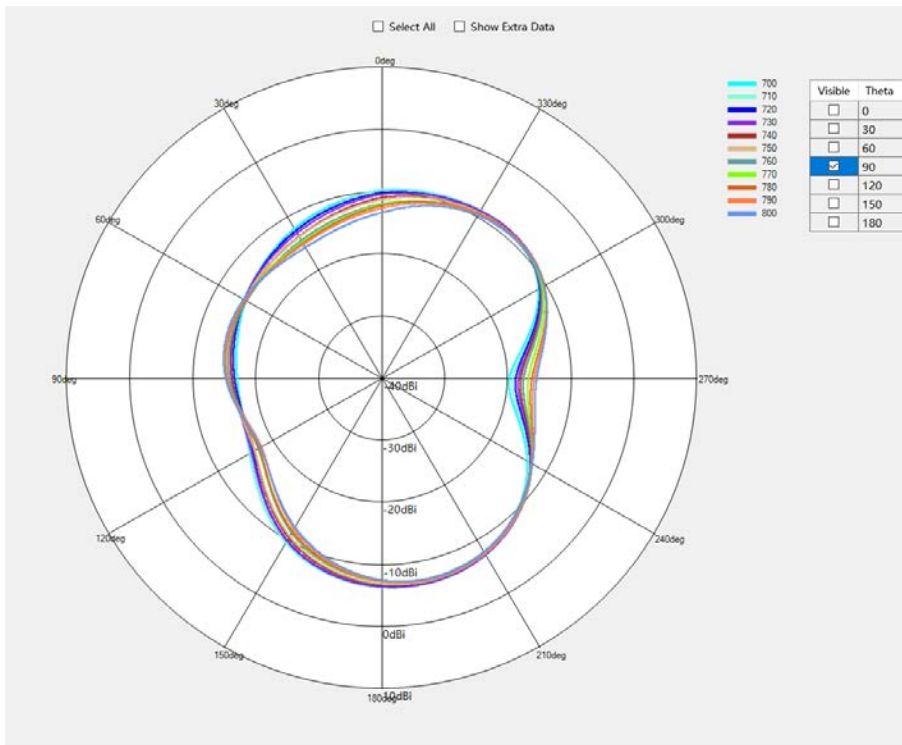
ANT2



B28A/B28B Phi=0deg



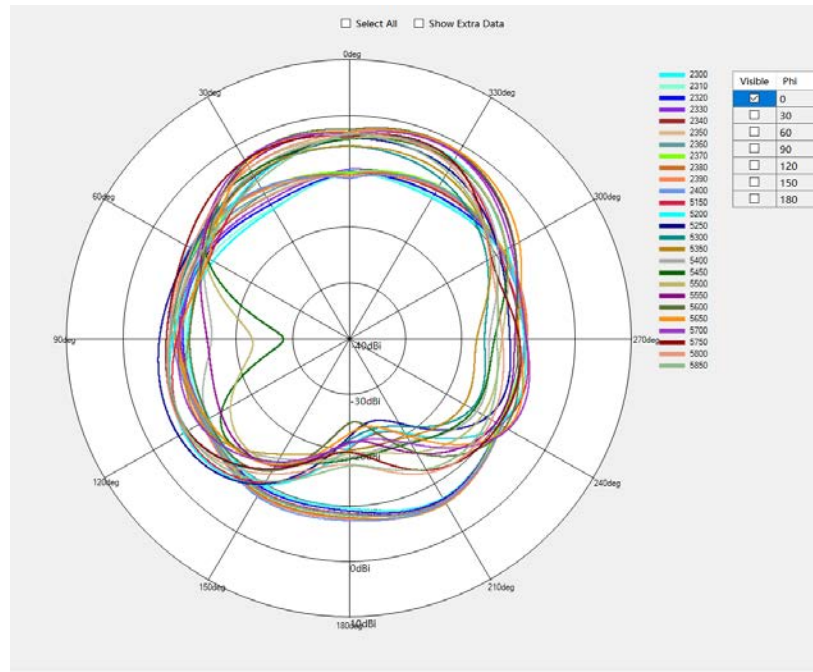
B28A/B28B Phi=90deg



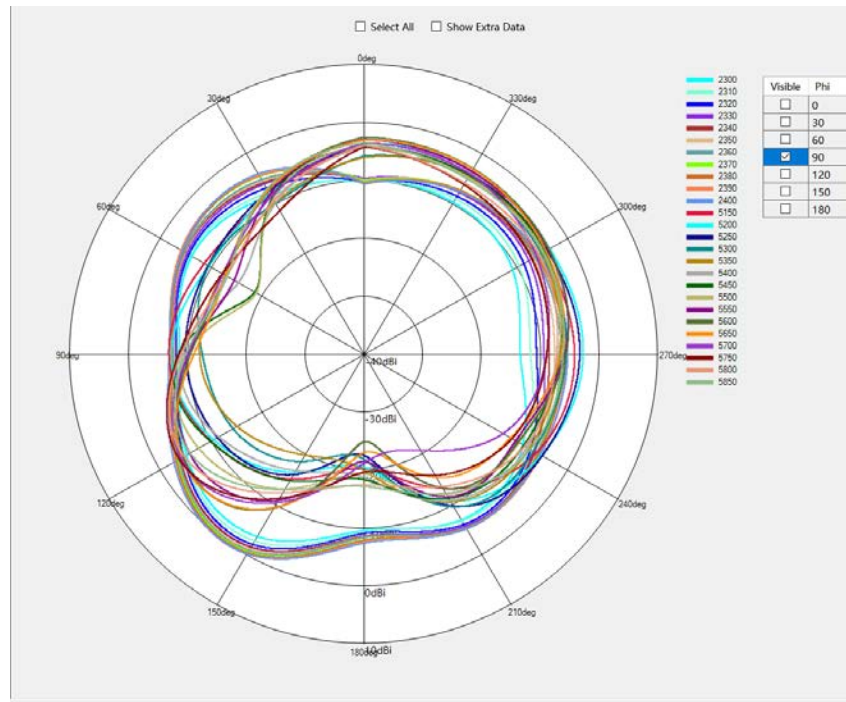
B28A/B28B Theta=90deg

※ Antenna Gain

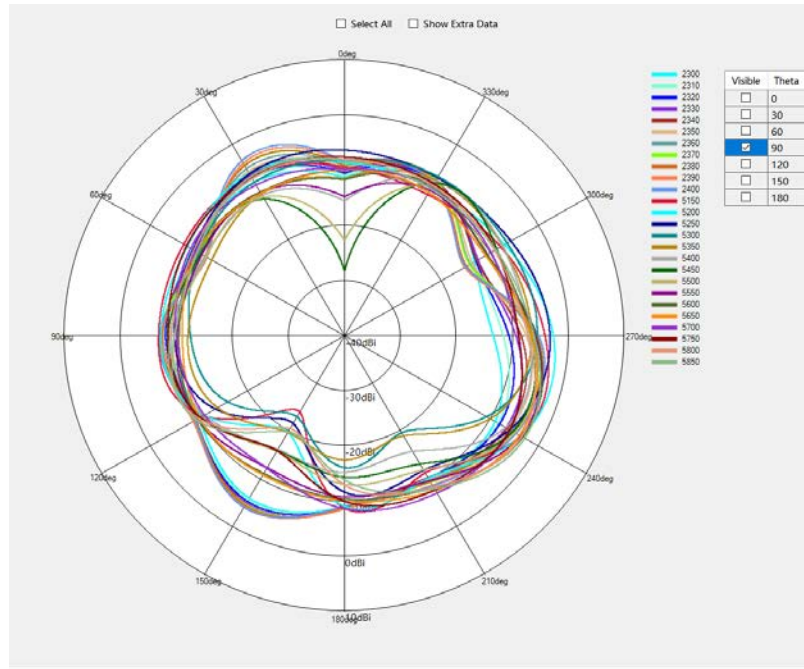
ANT12



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



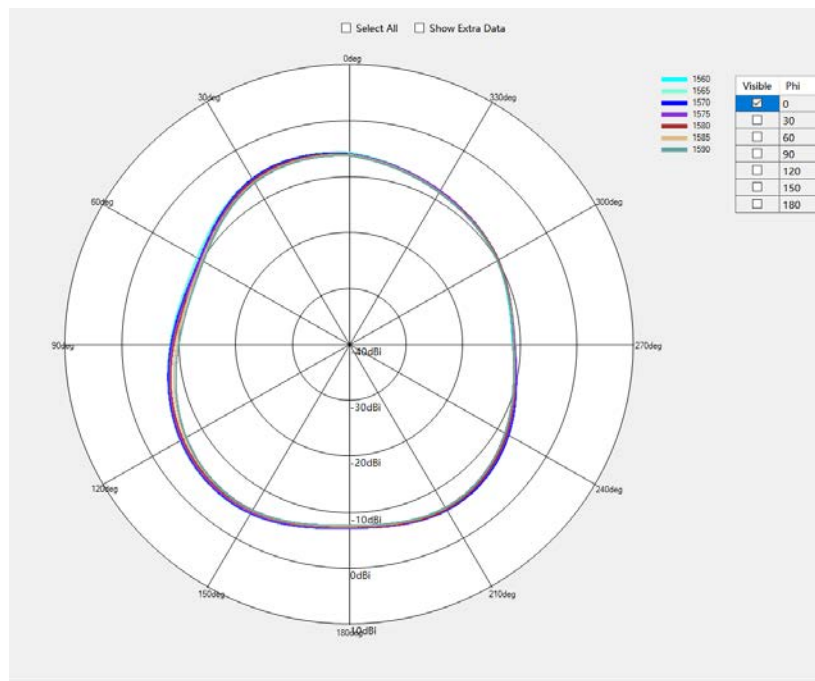
WIFI2.4G/BT/WIFI5G Phi=90deg



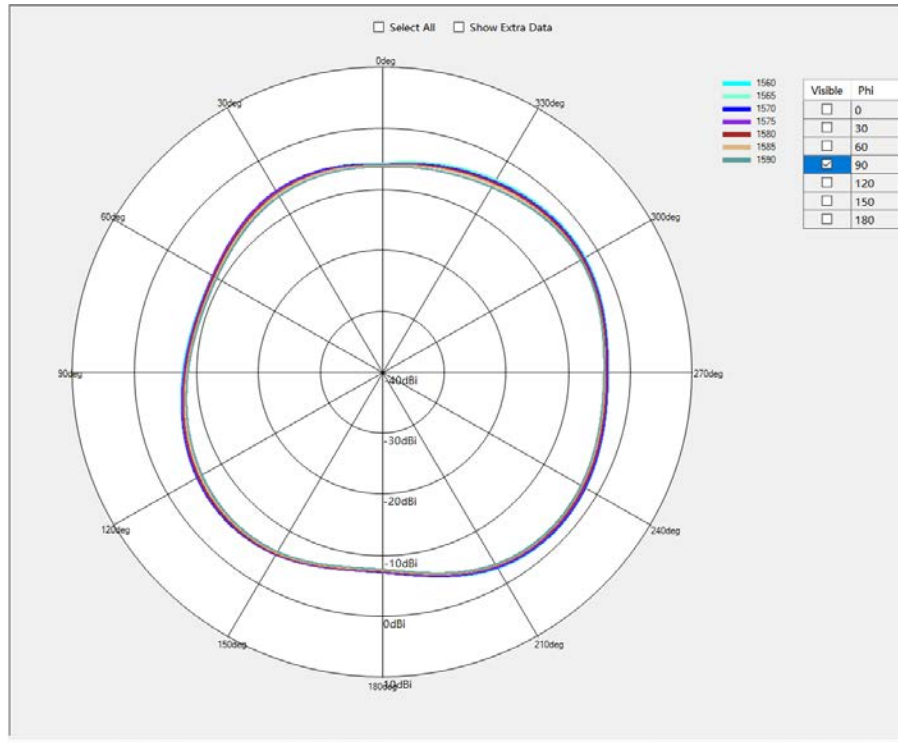
WiFi2.4G/BT/WiFi5G Theta=90deg

※ Antenna Gain

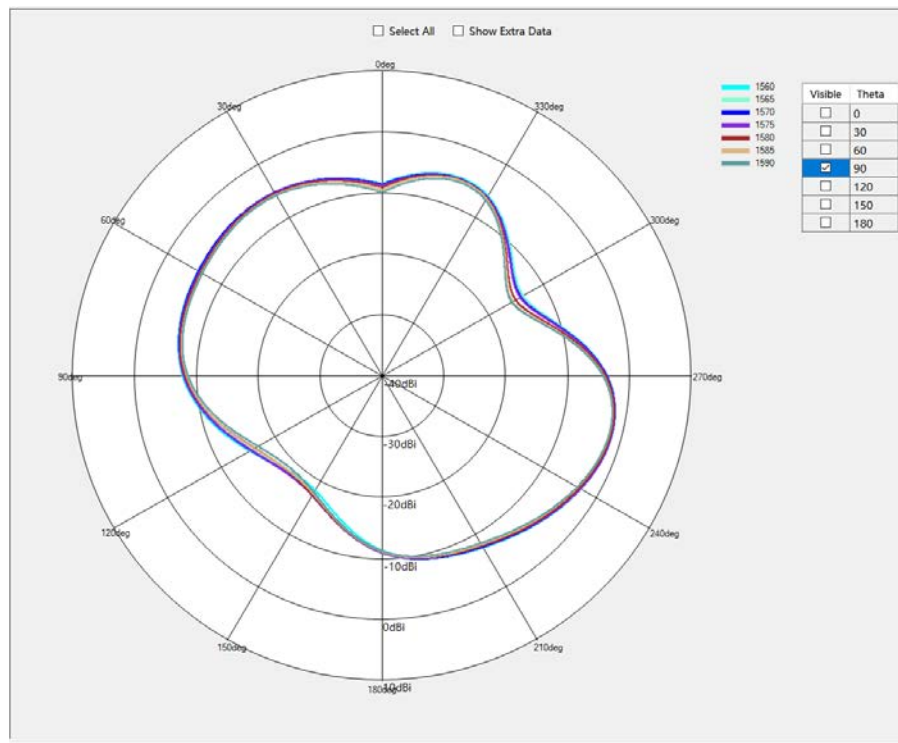
ANT13



GPS Phi=0deg



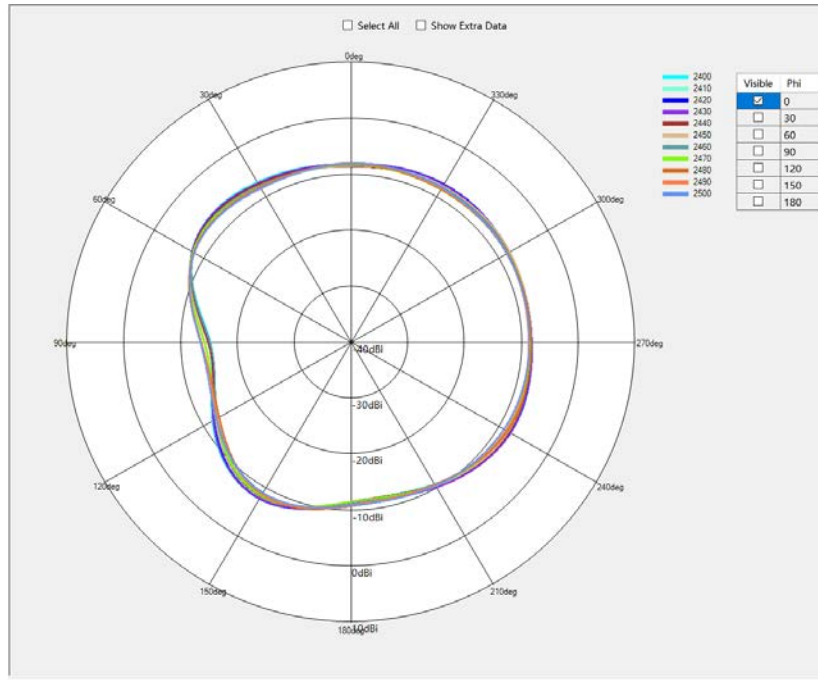
GPS Phi=90deg



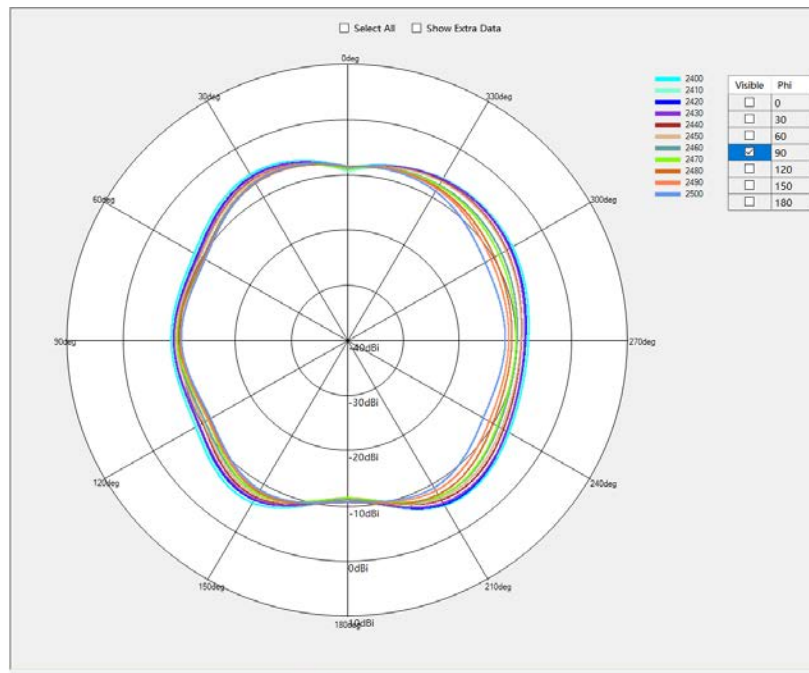
GPS Theta=90deg

※ Antenna Gain

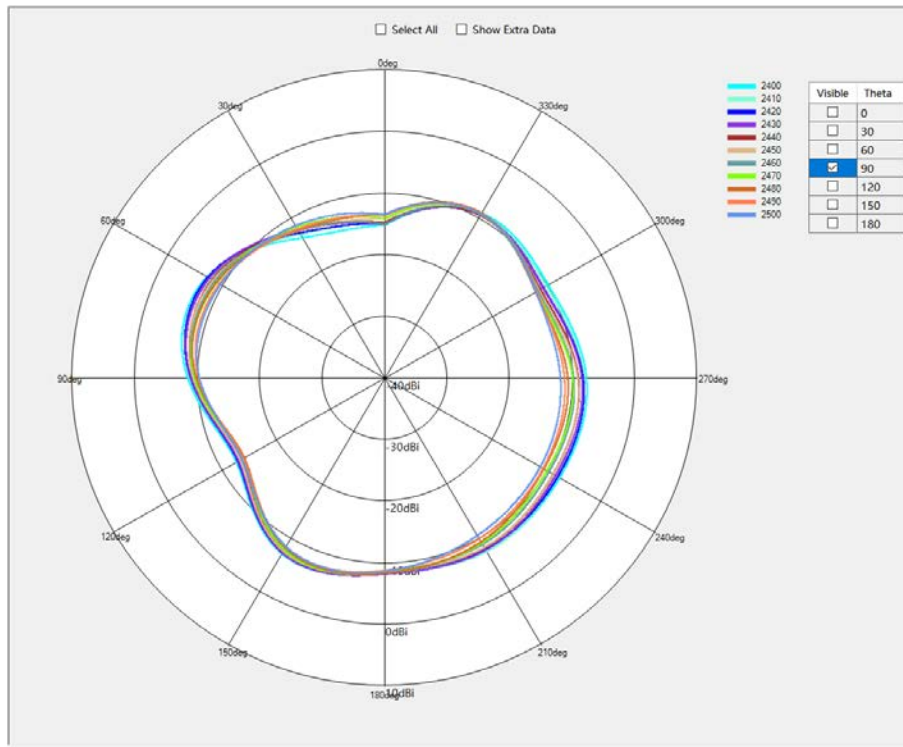
ANT14



WIFI2.4G Phi=0deg



WIFI2.4G Phi=90deg



WiFi2.4G Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023/07/26