

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/B13/B17/B20/B25/B26/B28/B38/B40/B41/B66

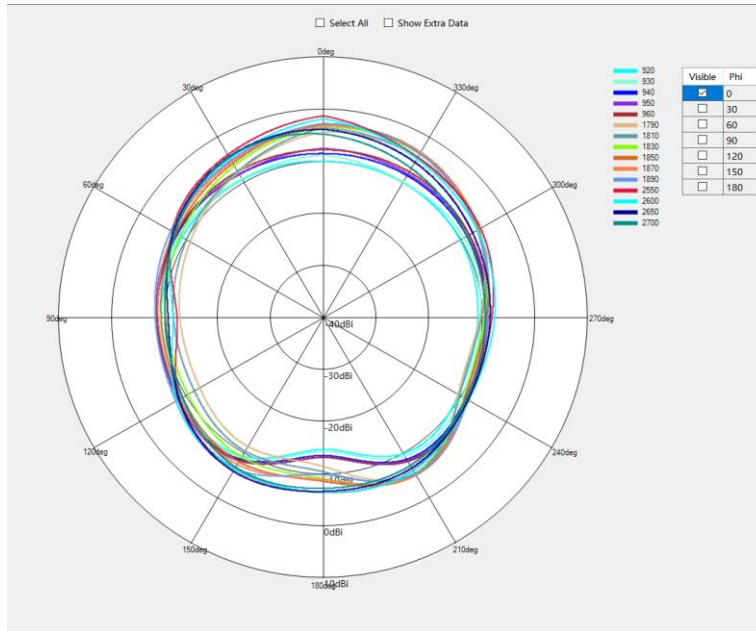
Name and address of the antenna manufacturer	Model number of the antenna
Zhejiang Haitong Communication Electronic Ltd. Co., Chongqing Branch Add: Room 304, Building 27, Fire Chain Digital Innovation Base, Xiantao Data Valley, Yubei District, Chongqing	X6837-ANT0-HT-XX-XX X6837-ANT1-HT-XX-XX X6837-ANT2-HT-XX-XX 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/B26 : 814-849MHz
		GSM 900/WCDMA B8/LTE B8 : 880-915 MHz
		DCS /WCDMA B4/LTE B3/B4/B66 : 1710-1785 MHz
		PCS/WCDMA B2/LTE B2/B25 : 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 B13 : 746-756MHz
		LTE B28 : 703-748MHz
		LTE B12/B17 : 700-716MHz
Receiver Frequency		GSM 850/WCDMA B5/LTE B5/B26 : 860-894 MHz
		GSM 900/WCDMA B8/LTE B8 : 925-960 MHz
		DCS/LTE B3 : 1805-1880 MHz
		WCDMA 4/LTE B4/B66 : 2110-2155 MHz
		PCS/WCDMA B2/LTE B2/B25 : 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/B13 : 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/B13/B17/B20/B25/B26/B28/B38/B40/B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
ANT0		GSM 850/WCDMA B5/LTE B5/B26:-5.56dBi
		GSM 900/WCDMA B8/LTE B8:-4.60dBi
		DCS /WCDMA B4/LTE B3/B4/B66:-1.55dBi
		PCS/WCDMA B2/LTE B2/B25:-0.21dBi
		WCDMA B1/LTE B1:-1.25dBi
		LTE B7/B38/B41:0.78dBi

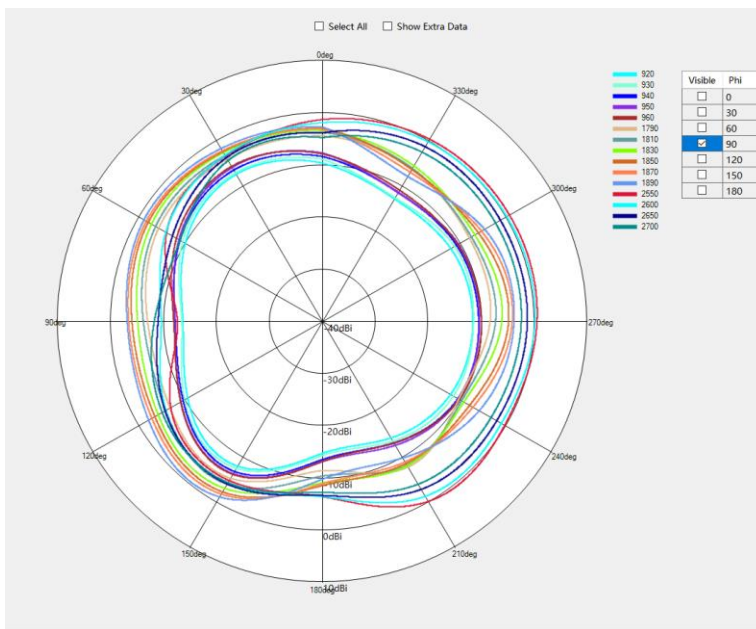
Antenna Gain		LTE B20:-5.40dBi
		LTE B28/B12/B13/B17:-5.41dBi
		LTE B40:-1.02dBi
	ANT1	B1/B3 :-6.35dBi
		B40 :-6.62dBi
	ANT2	GSM 850/WCDMA B5/LTE B5/B26:-3.63dBi
		GSM 900/WCDMA B8/LTE B8:-3.96dBi
		DCS /WCDMA B4/LTE B3/B4/B66:-1.74dBi
		PCS/WCDMA B2/LTE B2/B25:-2.11dBi
		WCDMA B1/LTE B1:0.03dBi
		LTE B7/B38/B41:0.23dBi
		LTE B20:-3.63dBi
		LTE B28/B12/B13/B17:-5.21dBi
	LTE B40:1.14dBi	
ANT12	WIFI 2.4G:1.35dBi 5G:-1.18dBi	
ANT13	GPS(L1):-6.11dBi	
ANT14	WIFI 2.4G:-4.63dBi	
Type of Modulation		

※ Antenna Gain

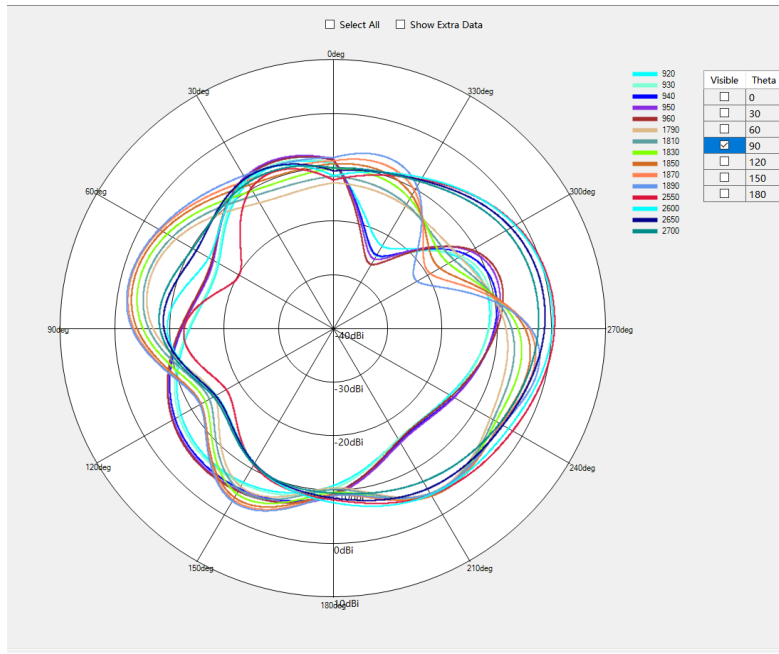
ANT0



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



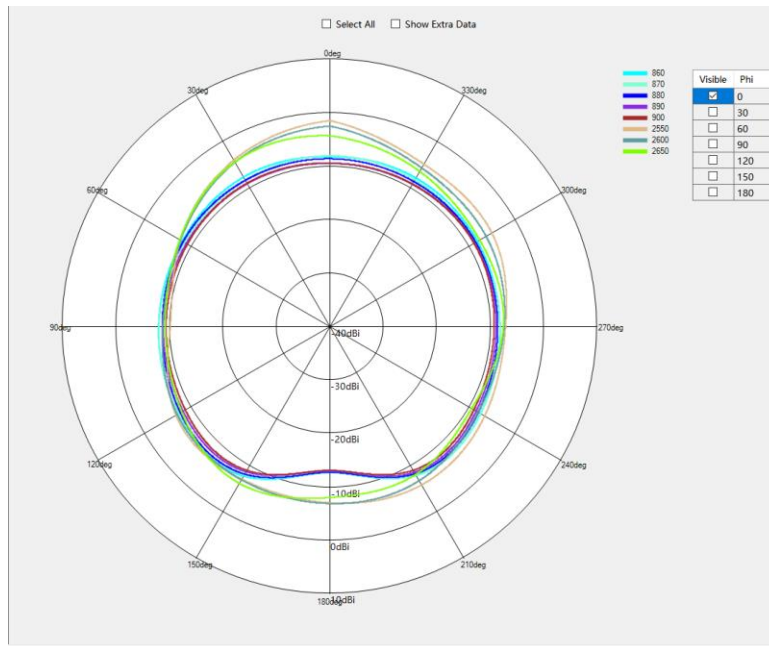
G900/G1800/B3/B7/B8/B41/W8 Phi=90deg



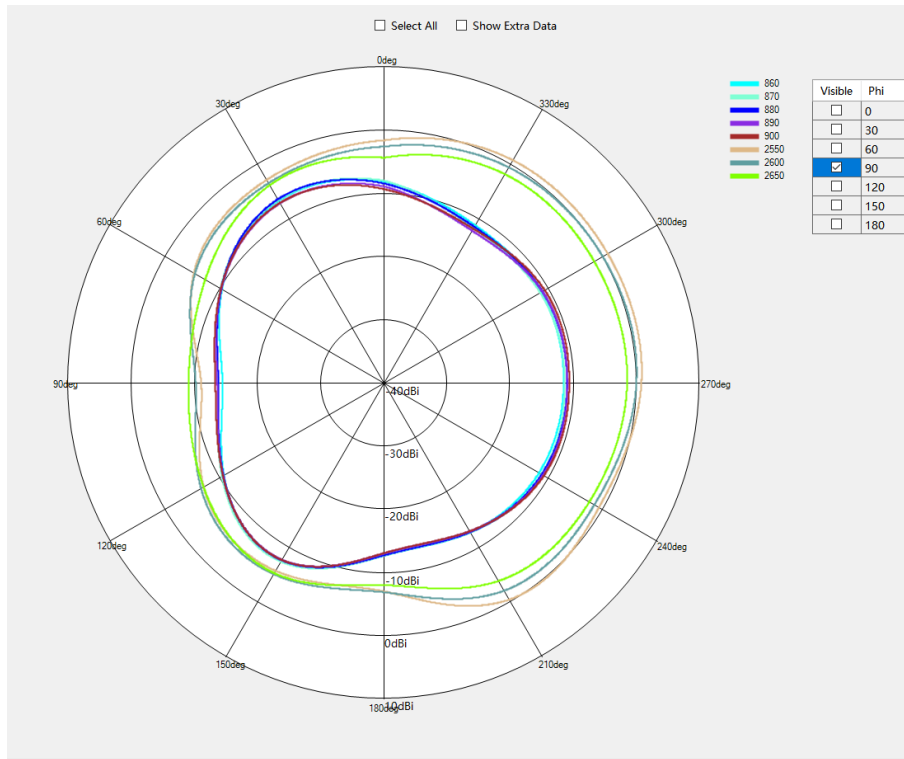
G900/G1800/B3/B7/B8/B41/W8 Theta=90deg

※ Antenna Gain

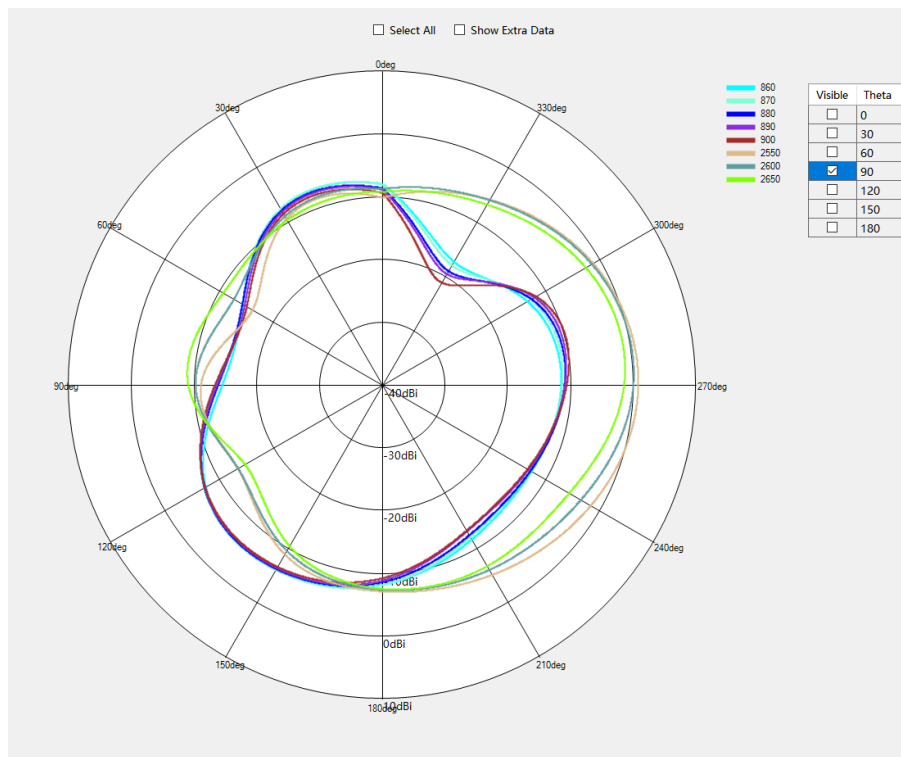
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G850/B5/B26/B38/W5 Phi=0deg



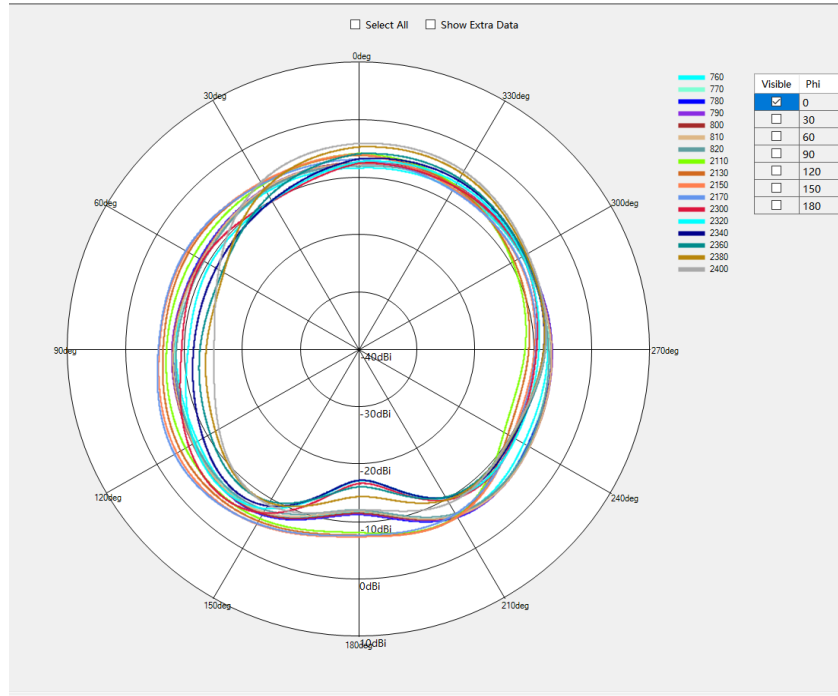
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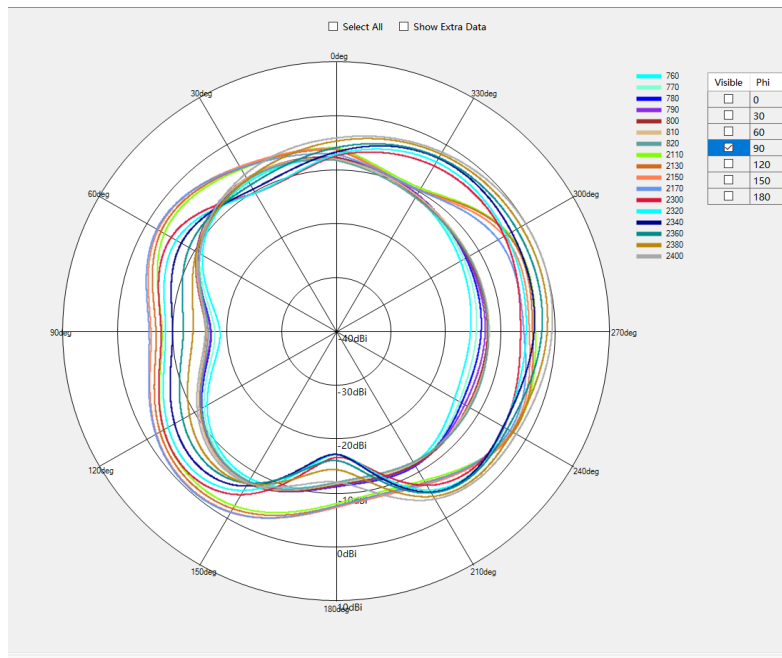
G850/B5/B26/B38/W5 Theta=90deg

※ Antenna Gain

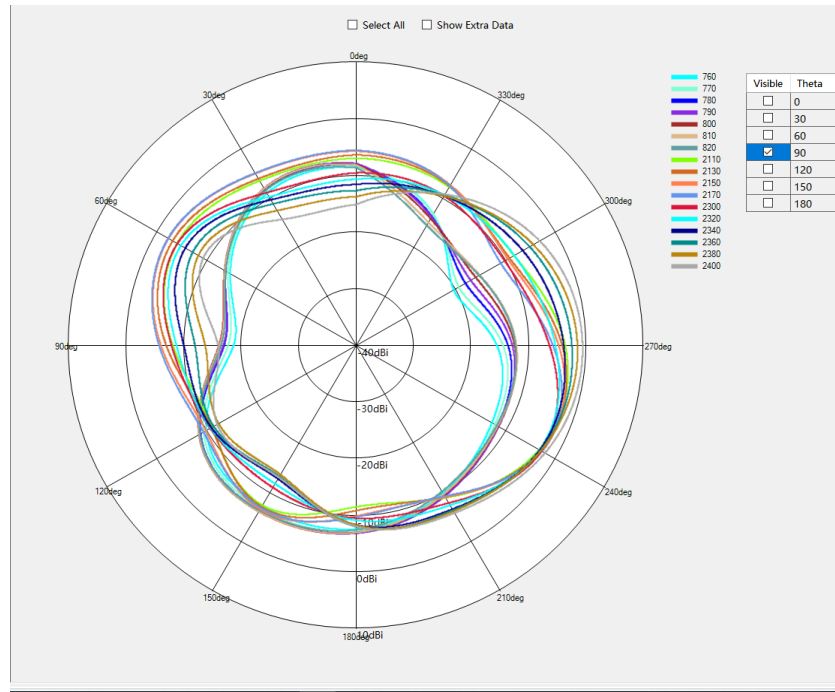
ANTO



B1/B4/B20/B28/B40/B66/W1/W4 Phi=0deg



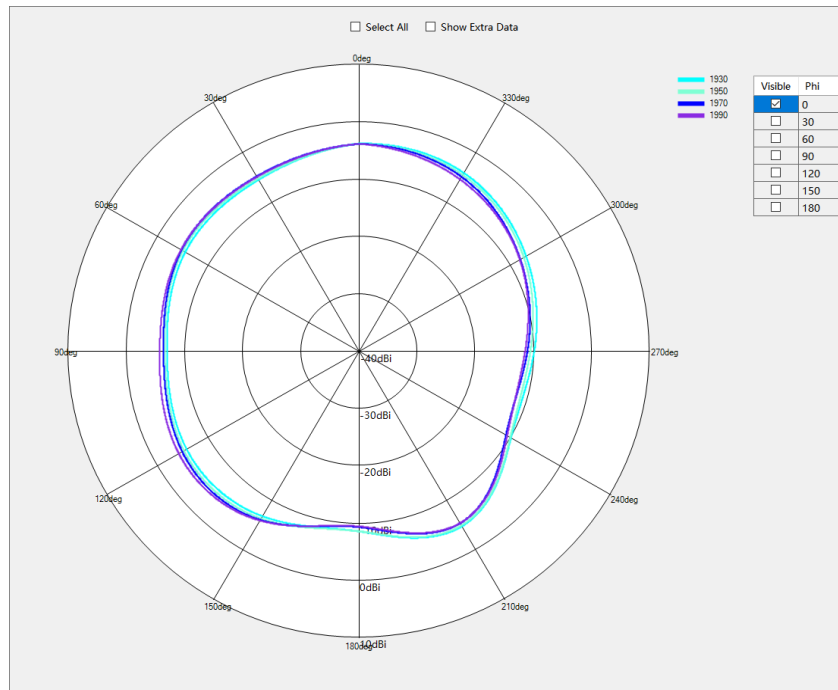
B1/B4/B20/B28/B40/B66/W1/W4 Phi=90deg



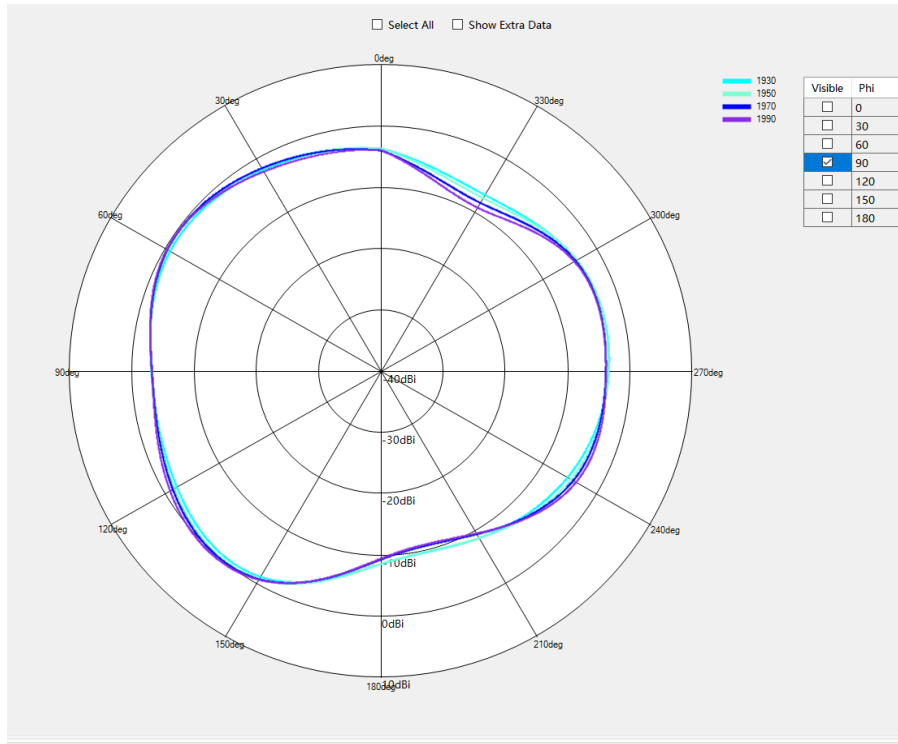
B1/B4/B20/B28/B40/B66/W1/W4 Theta=90deg

※ Antenna Gain

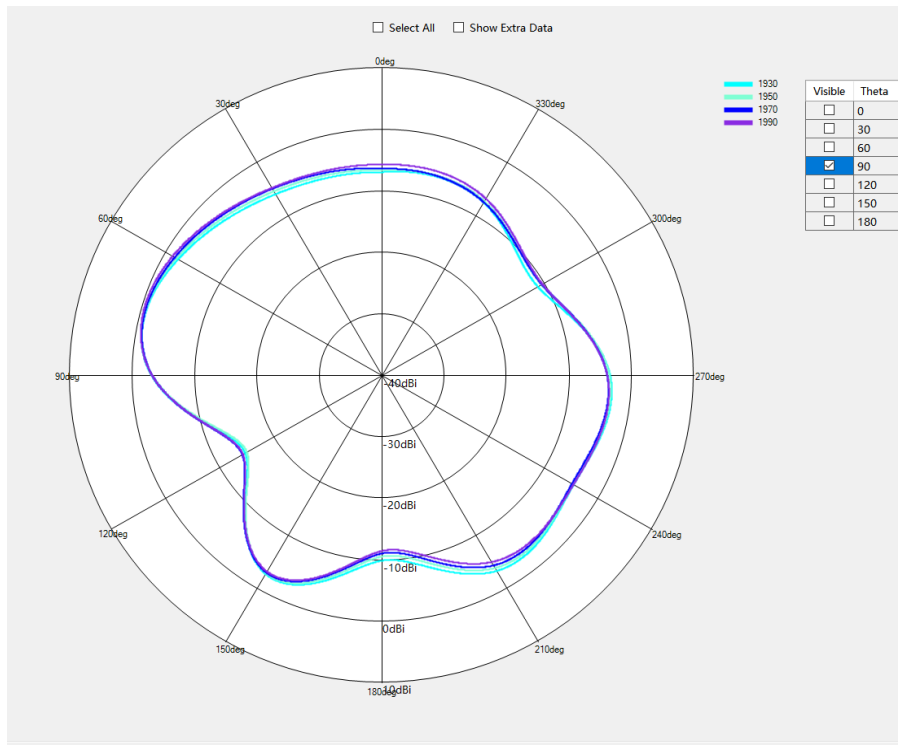
ANT0



G1900/B2/W2/B25 Phi=0deg



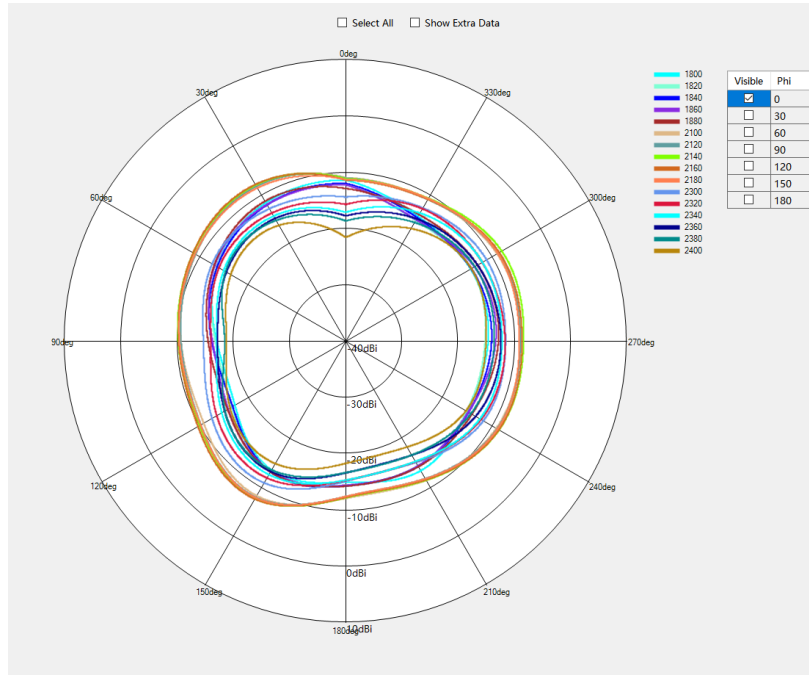
G1900/B2/W2/B25 Phi=90deg



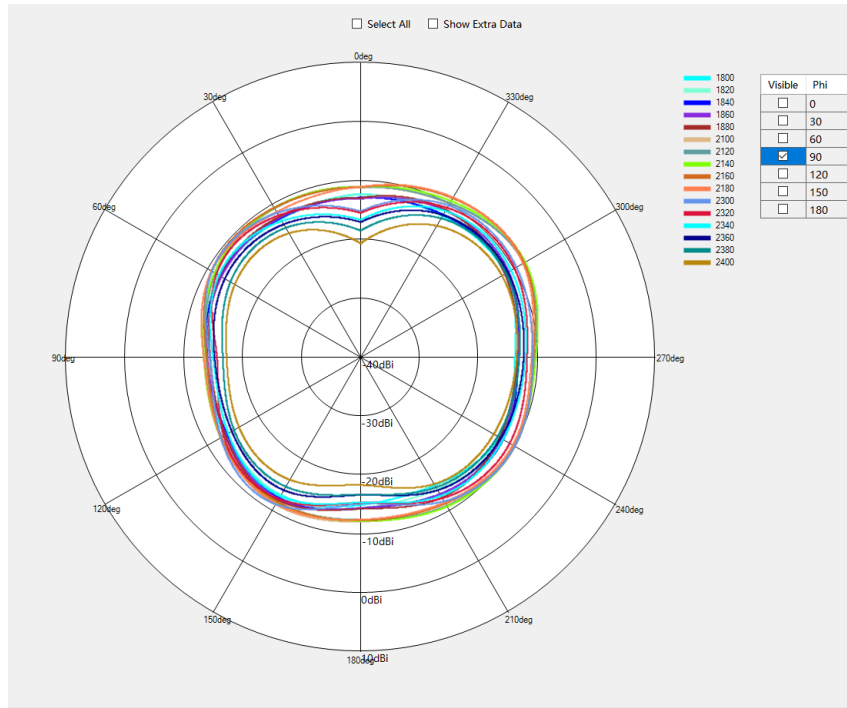
G1900/B2/W2/B25 Theta=90deg

※ Antenna Gain

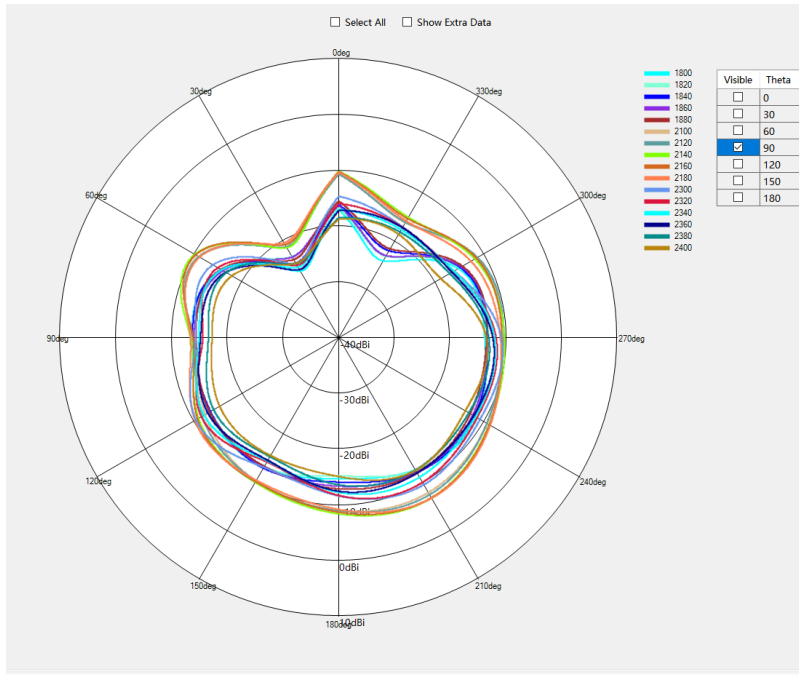
ANT1



B1/B3/B40 Phi=0deg



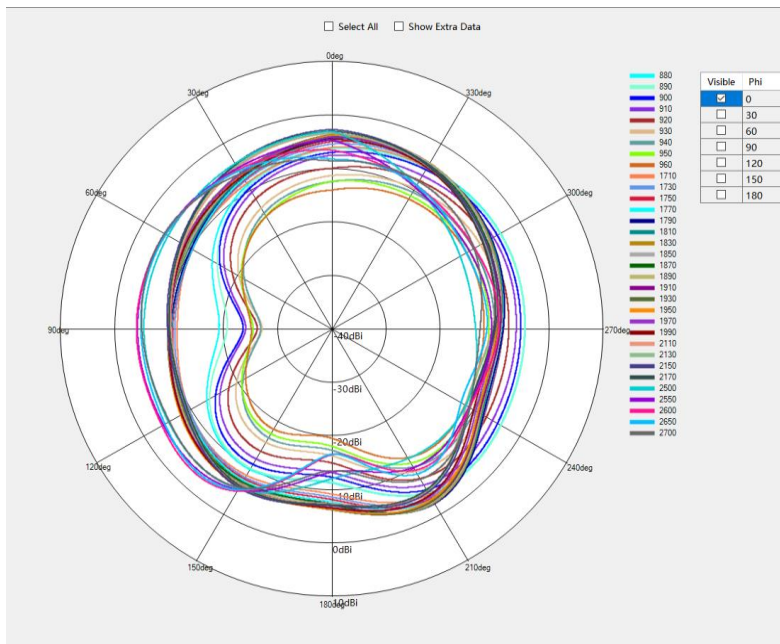
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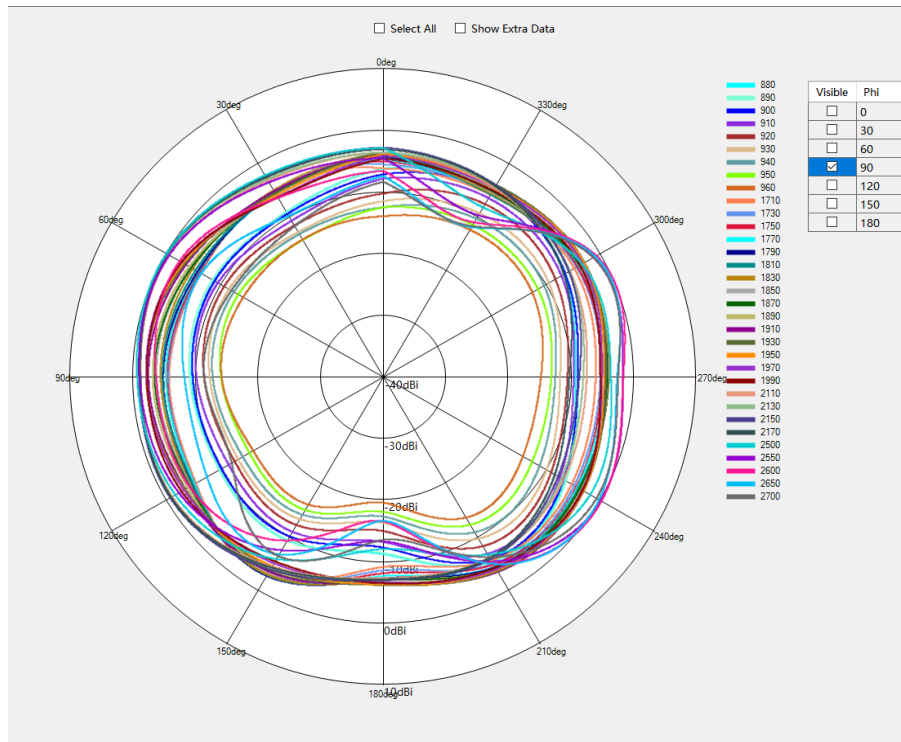
B1/B3/B40 Theta=90deg

✧ Antenna Gain

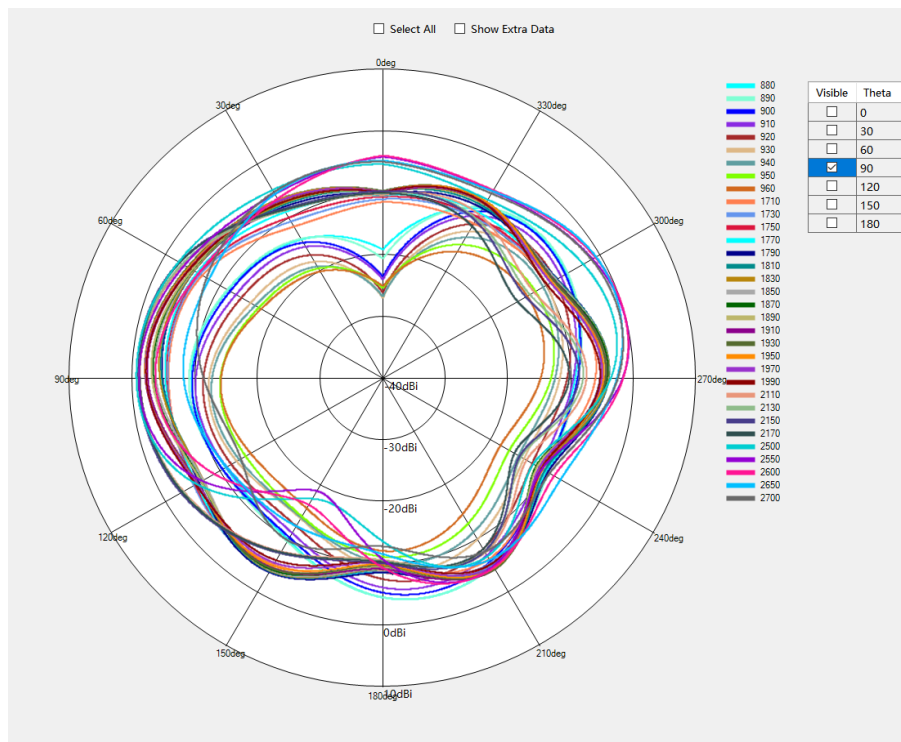
ANT2



G900/G1800/G1900/B1/B2/B3/B4/B7/B8/B25/B38/B41/B66/W1/W2/W4/W8 Phi=0deg



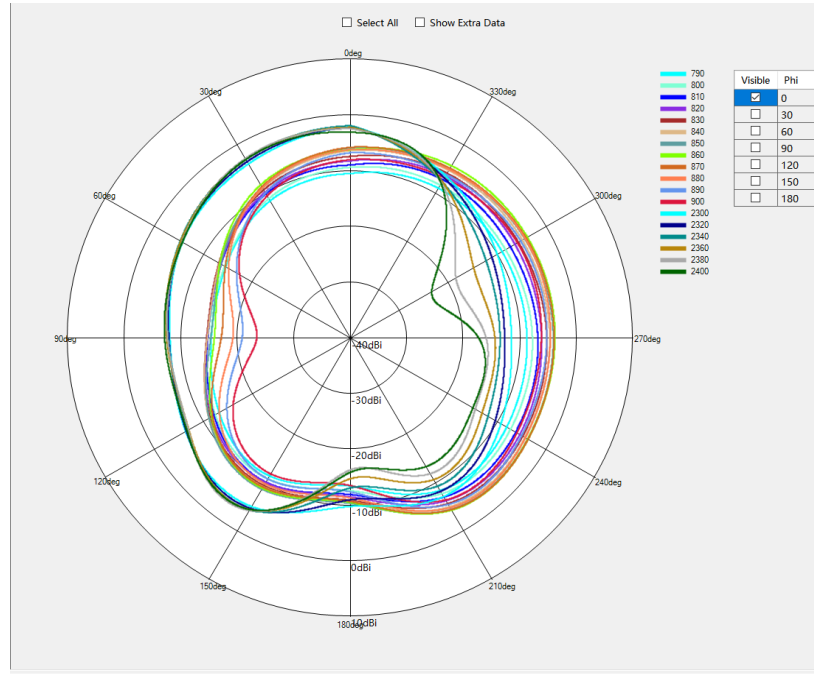
G900/G1800/G1900/B1/B2/B3/B4/B7/B8/B25/B38/B41/B66/W1/W2/W4/W8 Phi=90deg



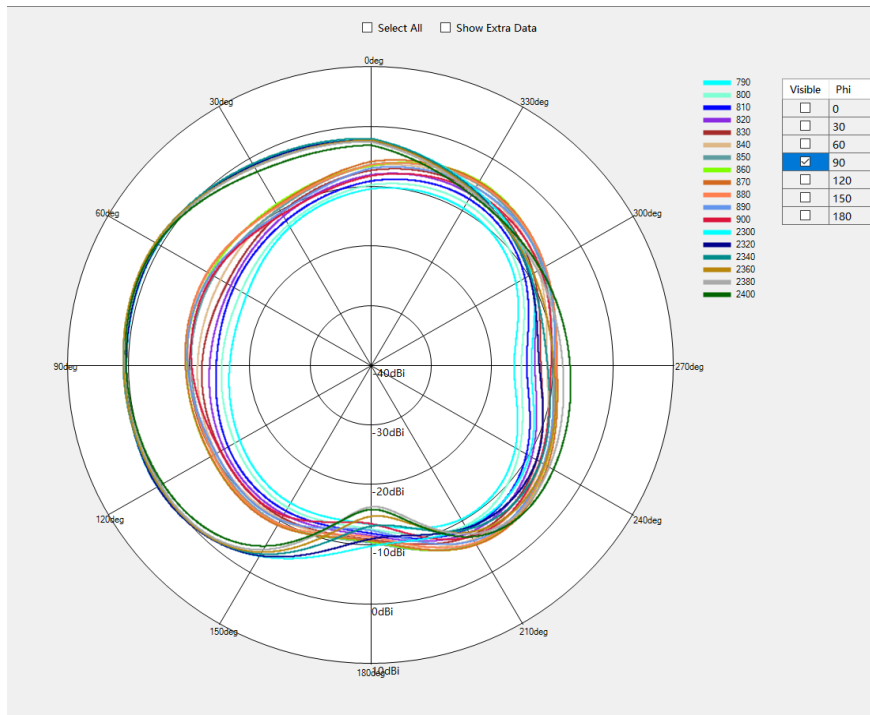
G900/G1800/G1900/B1/B2/B3/B4/B7/B8/B25/B38/B41/B66/W1/W2/W4/W8 Theta=90deg

※ Antenna Gain

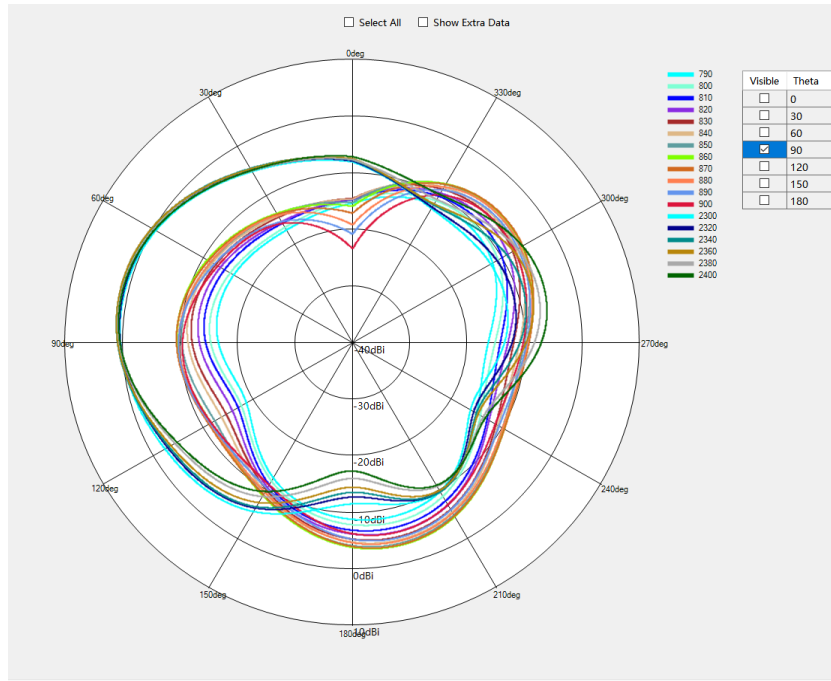
ANT2



G850/B5/B20/B25/B40/W5 Phi=0deg



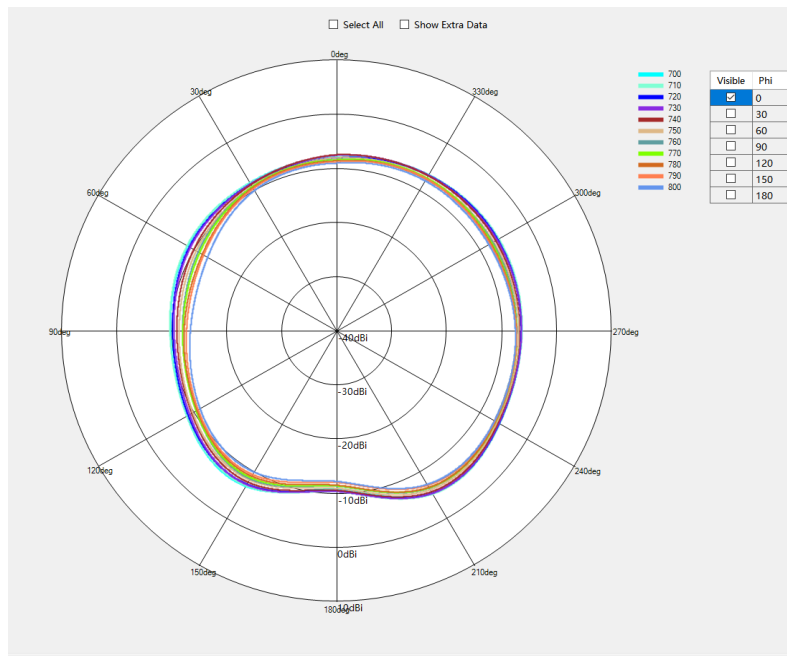
G850/B5/B20/B25/B40/W5 Phi=90deg



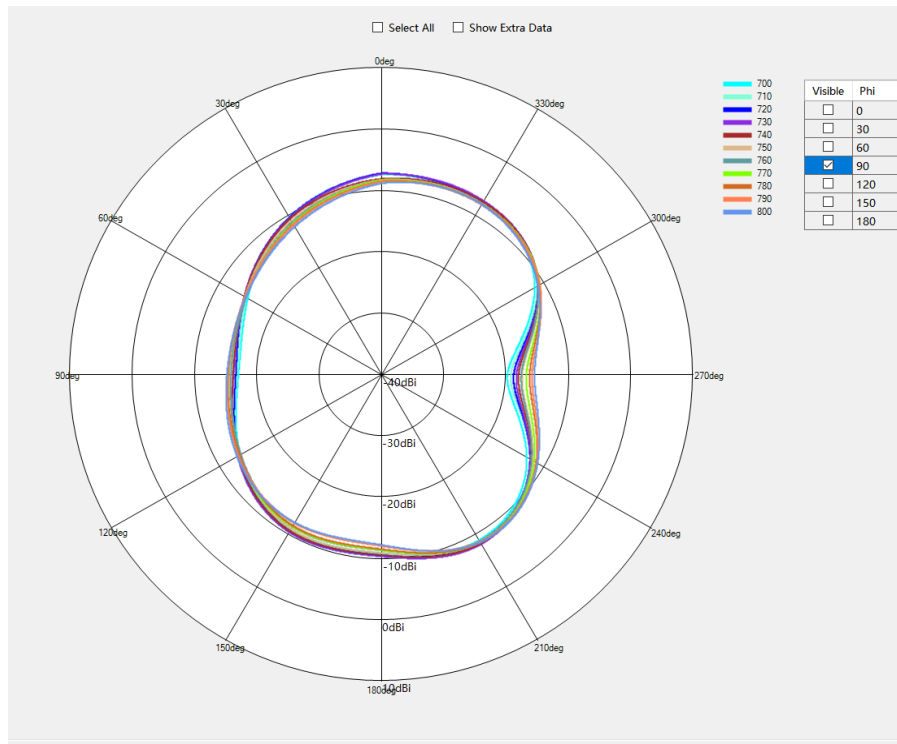
G850/B5/B20/B25/B40/W5 Theta=90deg

※ Antenna Gain

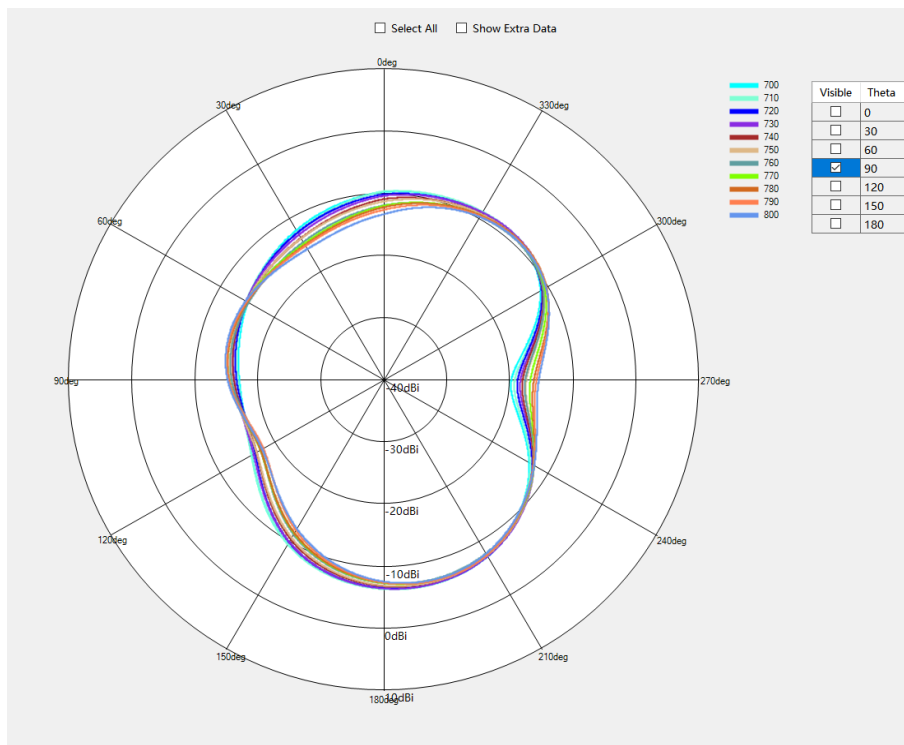
ANT2



B12/B13/B17/B28A/B28B Phi=0deg



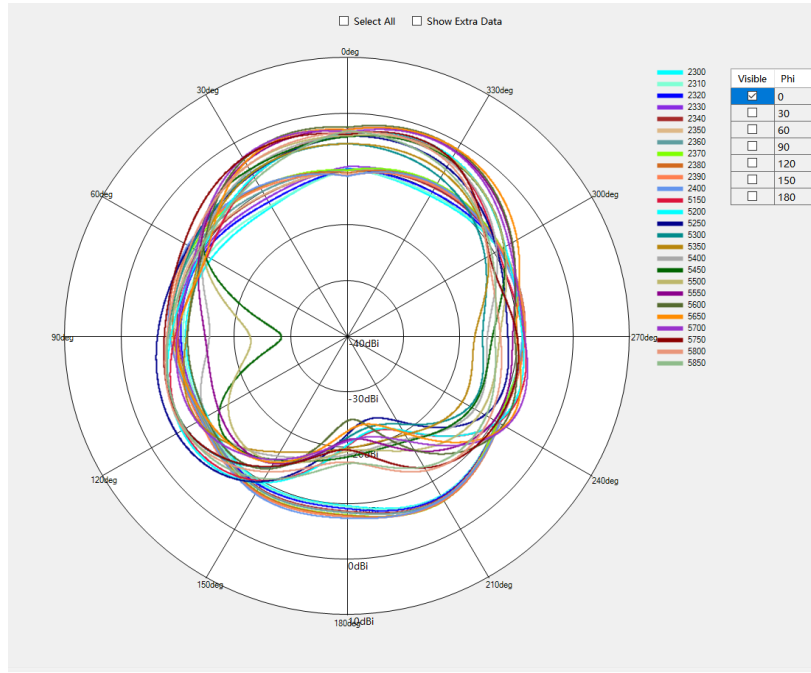
B12/B13/B17/B28A/B28B Phi=90deg



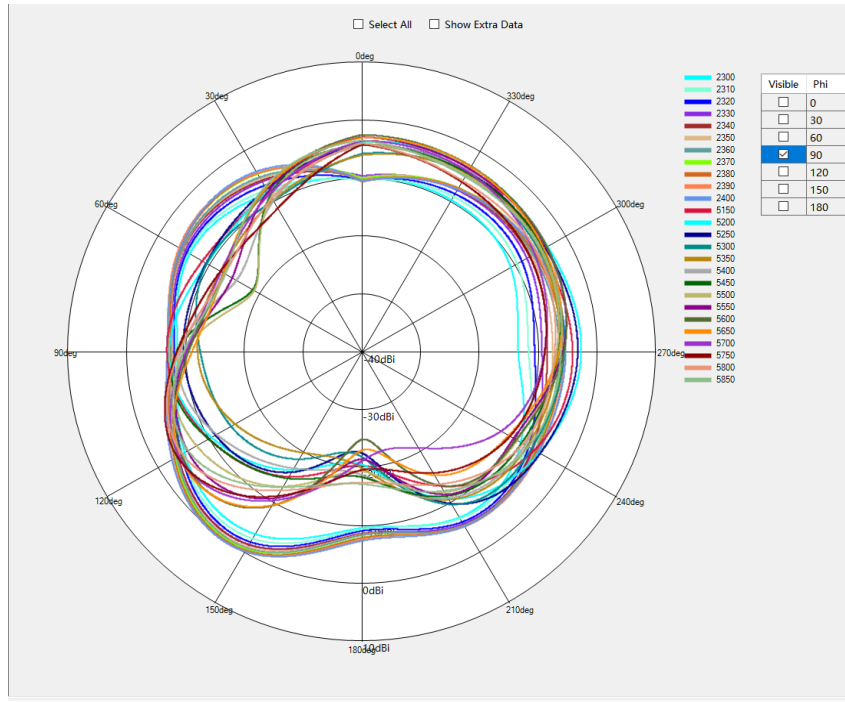
B12/B13/B17/B28A/B28B Theta=90deg

※ Antenna Gain

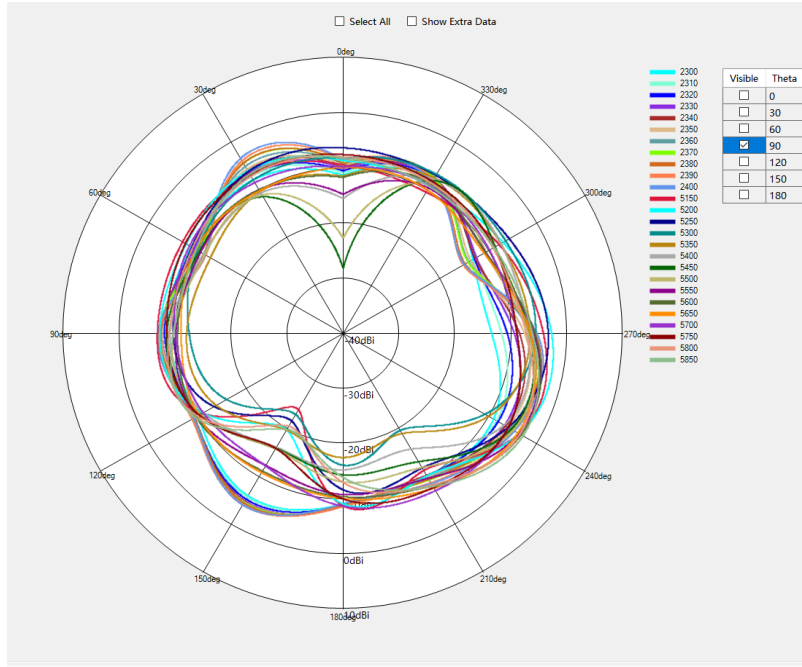
ANT12



WIFI2.4G/WIFI5G Phi=0deg



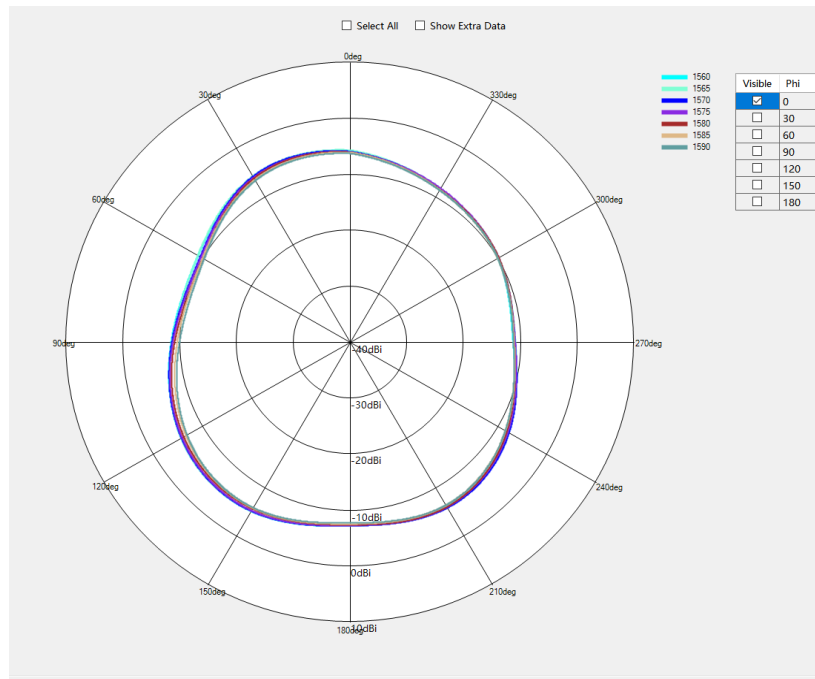
WIFI2.4G/WIFI5G Phi=90deg



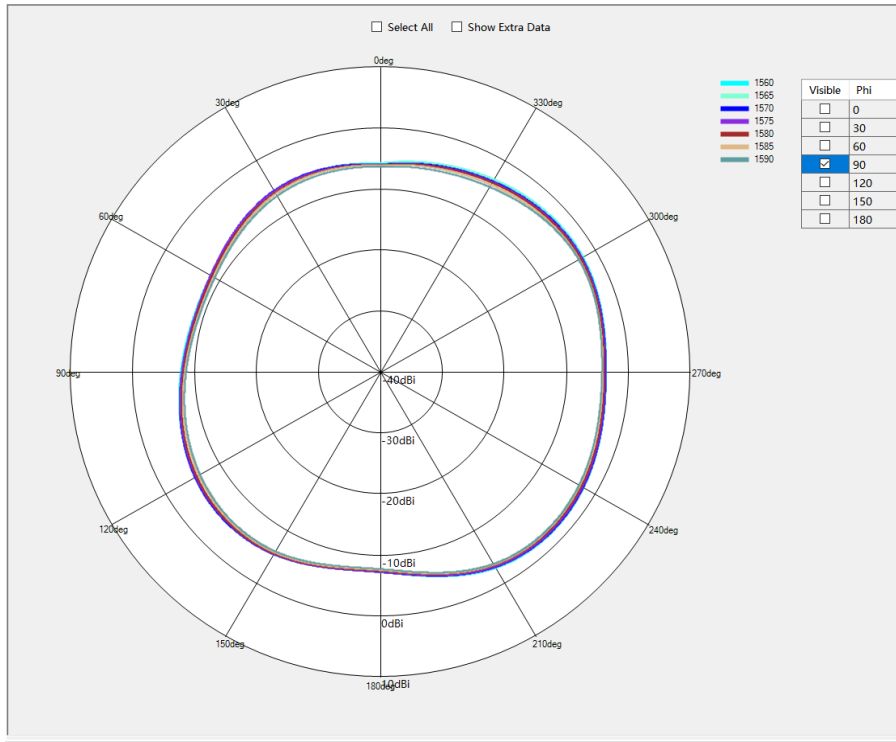
WiFi2.4G/WiFi5G Theta=90deg

※ Antenna Gain

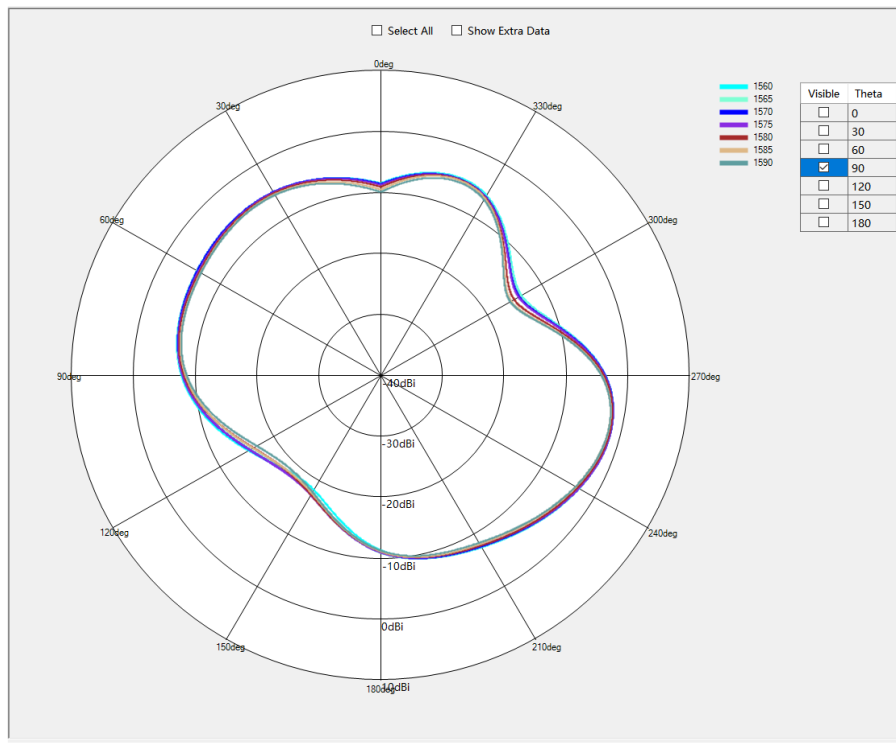
ANT13



GPS Phi=0deg



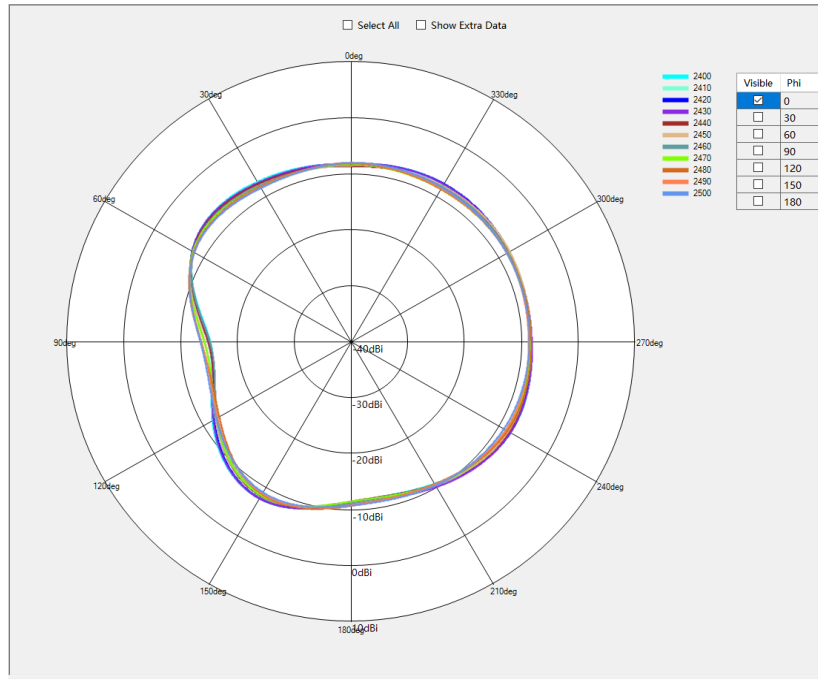
GPS Phi=90deg



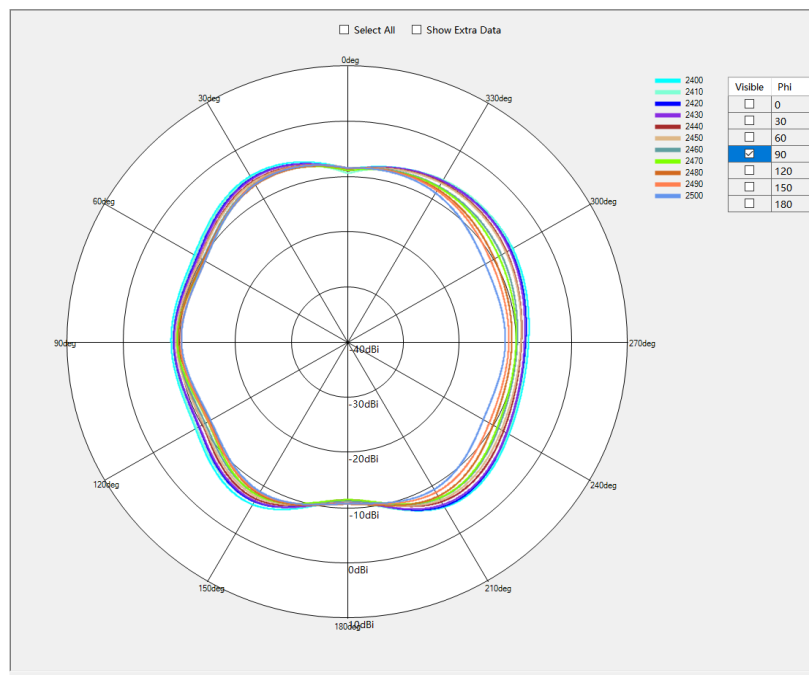
GPS Theta=90deg

※ Antenna Gain

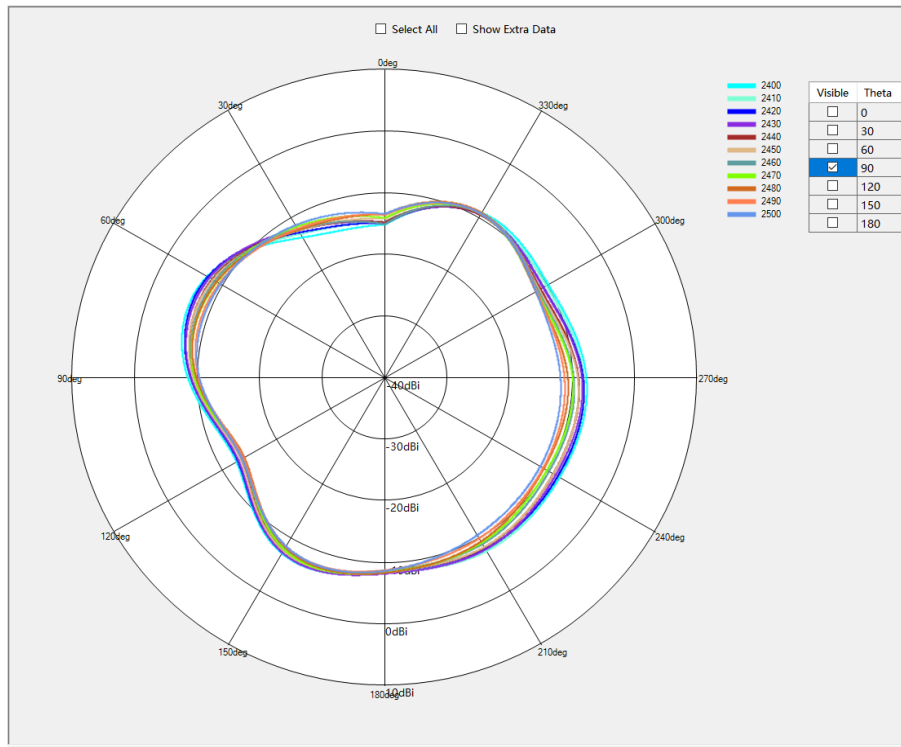
ANT14



WiFi2.4G Phi=0deg



WiFi2.4G Phi=90deg



WiFi2.4G Theta=90deg

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