

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/B42/B66

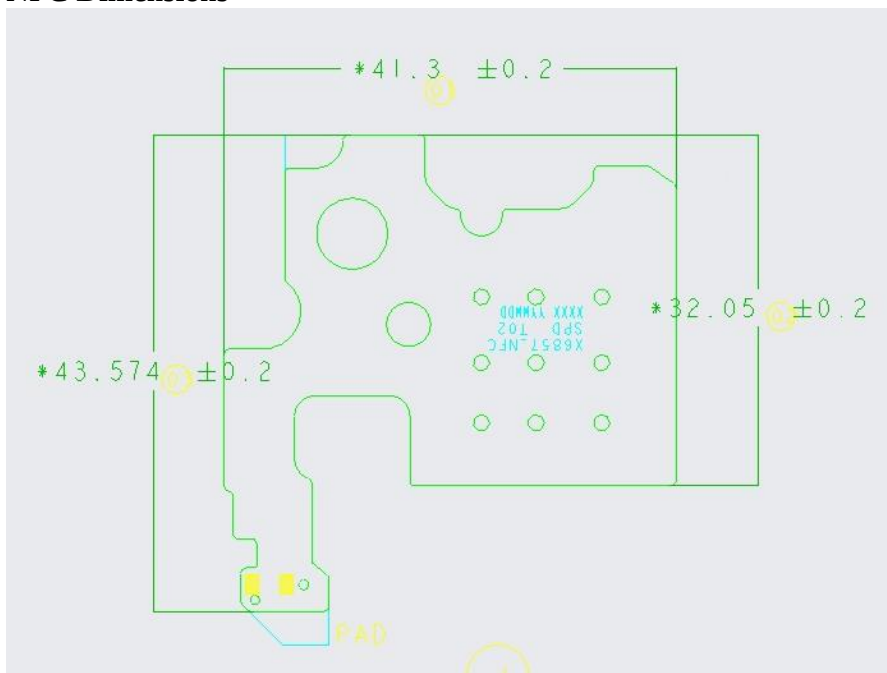
NR n1/n3/n5/n7/n8/n12/n20/n28/n66/n38/n40/n41/n77/n78/n71

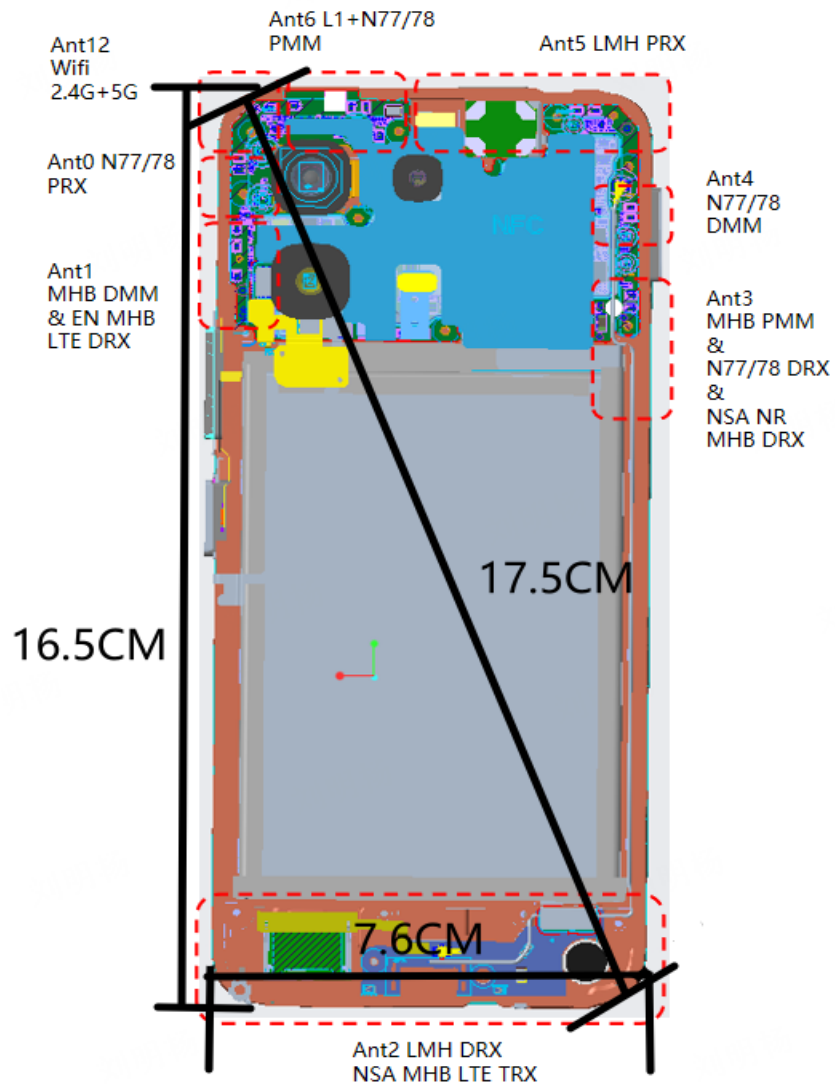
Name and address of the antenna manufacturer	Model number of the antenna
Huizhou Speed Wireless technology Co.,Ltd Add: Room 910, Building 27, Fire Chain Digital Innovation Base, Xiantao Data Valley, Yubei District, Chongqing	X6857-ANT0-SPD-XX-XX X6857-ANT1-SPD-XX-XX X6857-ANT2-SPD-XX-XX X6857-ANT3-SPD-XX-XX X6857-ANT4-SPD-XX-XX X6857-ANT5-SPD-XX-XX X6857-ANT6-SPD-XX-XX X6857-ANT12-SPD-XX-XX (XX:Version-Date)

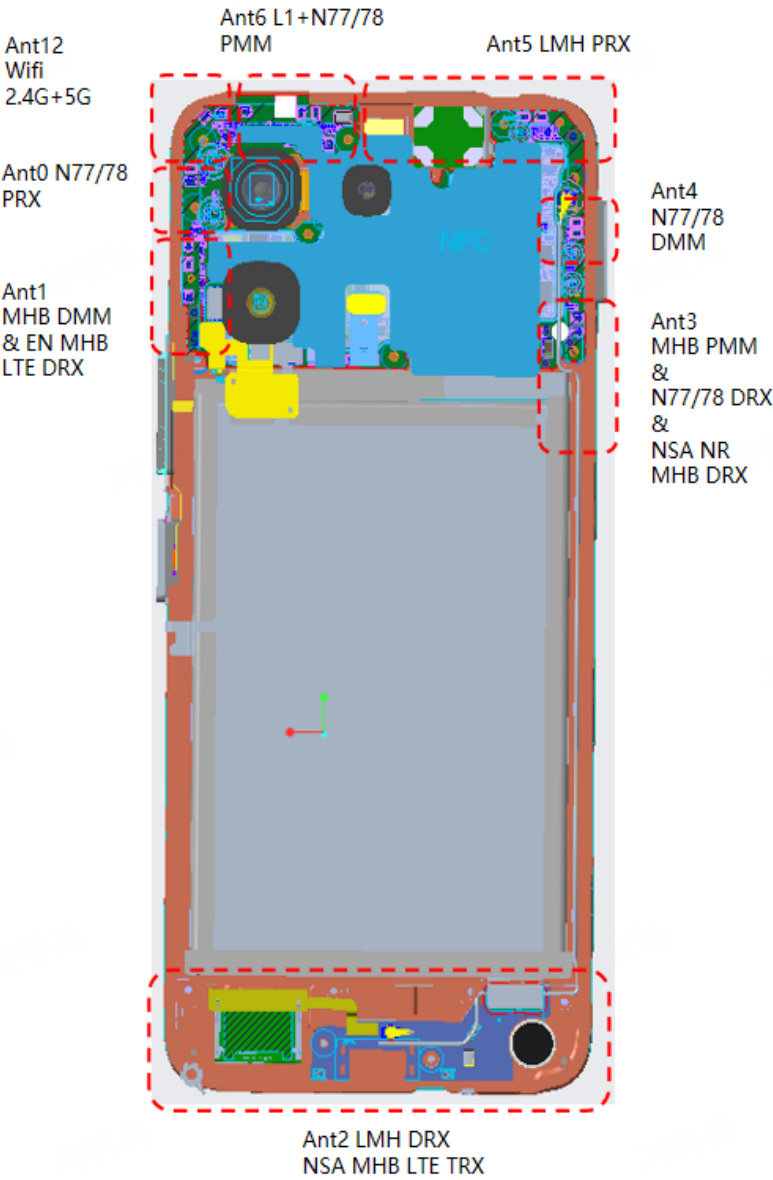
TYPE		
Transmitter Frequency		WCDMA B1/LTE B1/NR n1: 1920-1980 MHz
		PCS/WCDMA B2/LTE B2: 1850-1910 MHz
		DCS/WCDMA B4/LTE B3/B4/B66/NR n3: 1710-1785 MHz
		GSM 850/WCDMA B5/LTE B5/NR n5:824-849MHz
		LTE B7/NR n7: 2500-2570MHz
		GSM 900/WCDMA B8/LTE B8/NR n8:880-915MHz
		LTE B12/B17/B28/NR n12/n28:699-748MHz
		LTE B13:777-787MHz
		LTE B20/NR n20:832-862MHz
		LTE B40/NR n40:2300-2400MHz
		LTE B38/B41/NR n38/n41:2496-2690MHz
		NR n71:663-698MHz
Receiver Frequency		LTE B42/NR n77/n78:3300-4200MHz
		WCDMA B1/LTE B1/NR n1: 2110-2170 MHz
		PCS/WCDMA B2/LTE B2: 1930-1990 MHz
		DCS/LTE B3/B66/NR n3: 1805-1880 MHz
		WCDMA B4/LTE B4:2110-2155MHz
		GSM 850/WCDMA B5/LTE B5/NR n5: 869-894 MHz
		LTE B7/NR n7:2620-2690MHz
		GSM 900/WCDMA B8/LTE B8/NR n8:925-960MHz
		LTE B12/B17/B28/NR n12/n28:729-803MHz
		LTE B13:746-756MHz
		LTE B20/NR n20:791-821MHz
		LTE B40/NR n40:2300-2400MHz
Antenna Gain	ANT3	LTE B38/B41/NR n38/n41:2496-2690MHz
		NR n71:617-652MHz
		LTEB42/NR n77/n78:3300-4200MHz
		LTE B1/NR N1: -3.16 dBi
		LTE B2: -4.61 dBi
		LTE B3/B4/NR N3:- 6.82dBi
	ANT0	LTE B7/B38/B41/NR N7/N38/N41:-2.97 dBi
		LTE B40/NR n40:- 1.71dBi
	ANT2	LTE B42/NR N77N/78:- 2.13dBi
		LTE B42/NR N77/N78:-2.13 dBi
		LTE B1/NR n1:-2.39dBi
		LTE B2/B3/B4/NR n3:-0.81dBi
		LTE B5/B20/NR n5/n20:-6.55dBi
		LTE B7/B38/B41/NR n7/n38/n41:-0.43dBi

		LTE B8/NR n8:-5.09dBi
		LTE B12/B13/B28/NR n12/n28:-5.49dBi
		LTE B40/NR n40:-2.28dBi
		NR n71:-6.07dBi
	ANT6	GPS:- 1.21dBi
		NR N77/N78:- 1.84dBi
	ANT5	LTE B1/NR n1: -0.44 dBi
		LTE B2: -1.36dBi
		LTE B3/NR n3:-0.3dBi
		LTE B5/B20/NR n5/n20:- 6.17dBi
		LTE B7/B38/B41/NR n7/n38/n41: - 0.3dBi
		LTE B8/NR n8:- 5.23dBi
		LTE B28/NR n28:-7.38dBi
		LTE B40/NR n40:- 2.48dBi
		NR n71:-7.98dBi
ANT12	BT/WIFI 2.4G:-0.92dBi 5G:-1.65dBi	
ANT4	NR N77/N78:-3.07dBi	
Antenna type	RF NFC	Internal Antenna Internal Antenna

NFC Dimensions





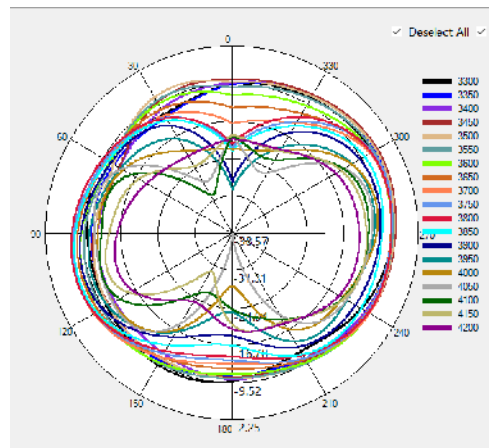


Antenna	Support Band
Ant 0	LTE B42 NR N77/78
Ant 1	LTE B1/B3/B4/B66/B7/B38/B40/B41 NR N1/N3/N66/N7/N38/N40/N41
Ant 2	GSM 850/900/1800/1900 WCDMA B1/2/4/5/8 LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B66/B38/B40/B41 NR N1/N3/N5/N7/N8/N12/20/28/N66/38/N40/41

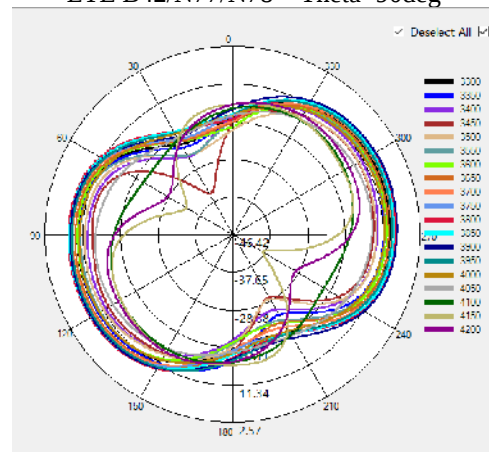
Ant 3	LTE B1/B3/B4/B66/B7/B38/B40/B41/B42 NR N1/N3/N66/N7/N38/N40/N41/N77/78
Ant 4	NR N77/78
Ant 5	GSM 850/900/1800/1900 WCDMA B1/2/4/5/8 LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B66/B38/B40/B41 NR N1/N3/N5/N7/N8/N12/20/28/N66/38/N40/41
Ant 6	GPS L1+ NR N78
Ant 7	
Ant 8	
Ant 9	
Ant 10	
Ant 11	
Ant 12	Wifi 2.4G+5G
Ant 13	

※ Antenna Gain

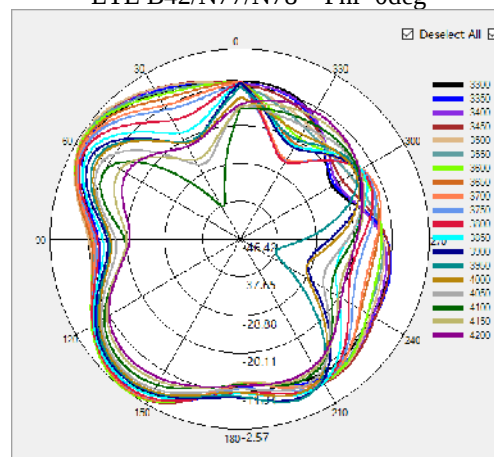
ANT0



LTE B42/N77/N78 Theta=90deg



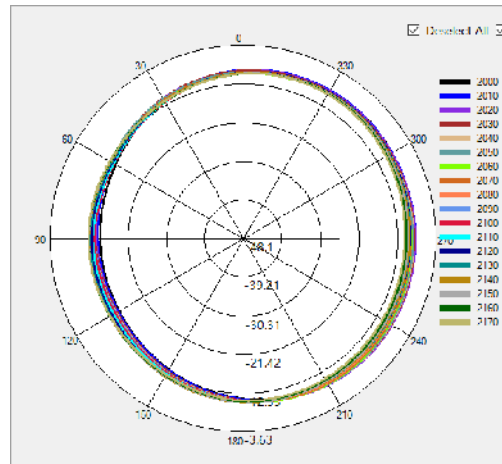
LTE B42/N77/N78 Phi=0deg



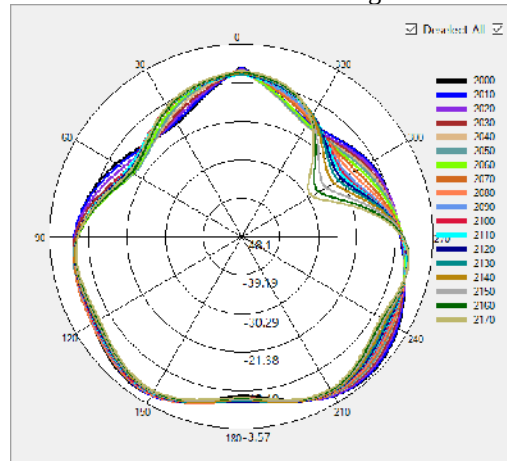
LTE B42/N77/N78 Phi=0deg

※ Antenna Gain

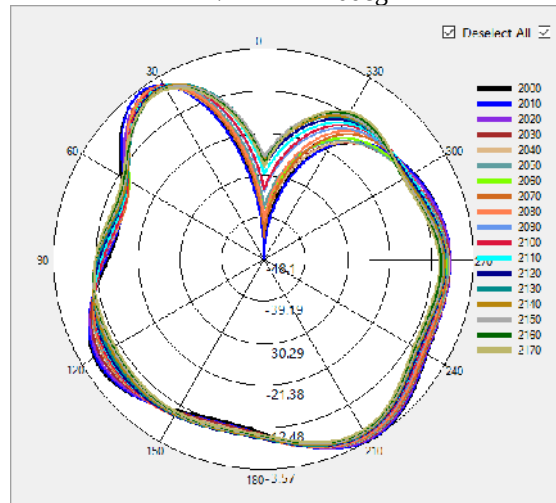
ANT2



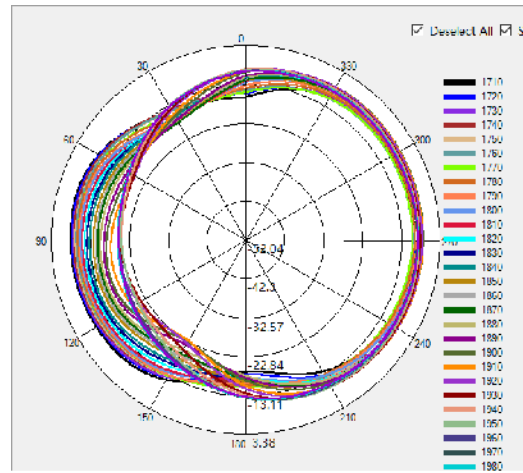
B1/N1 Theta=90deg



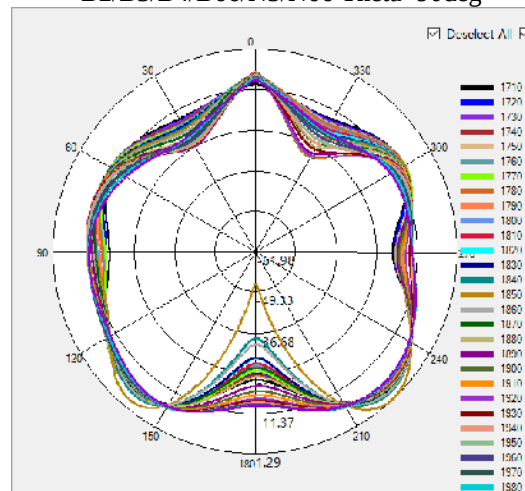
B1/N1 Phi=0deg



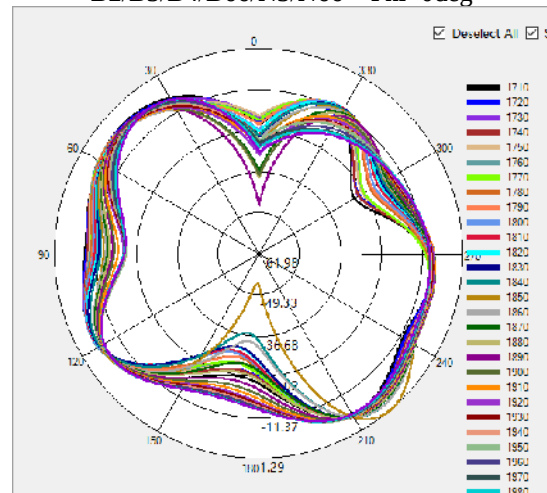
B1/N1 Phi=90deg



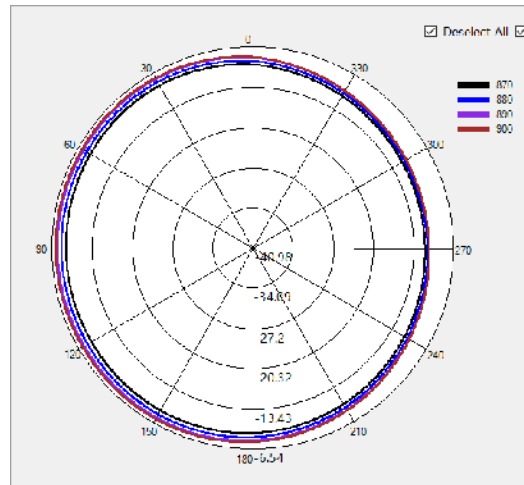
B2/B3/B4/B66/N3/N66 Theta=90deg



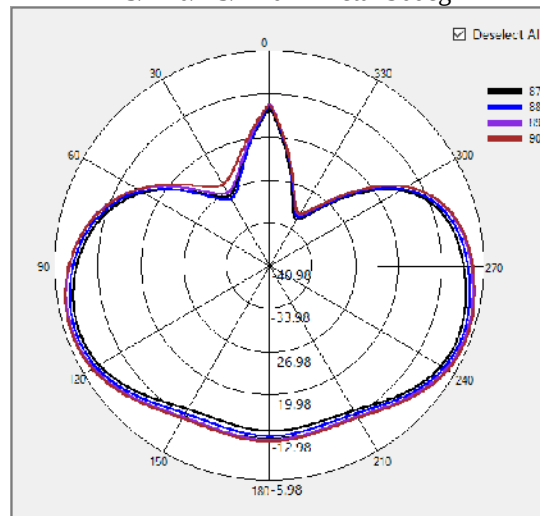
B2/B3/B4/B66/N3/N66 Phi=0deg



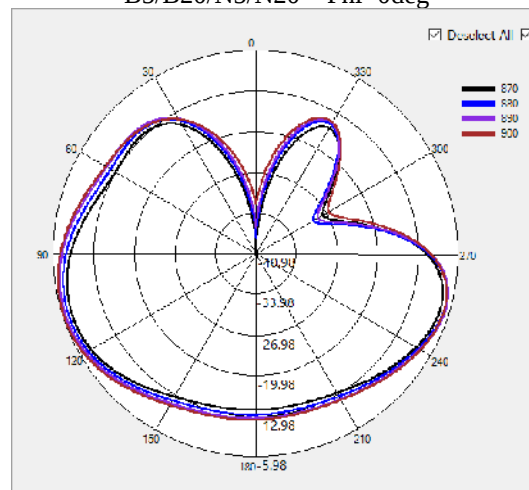
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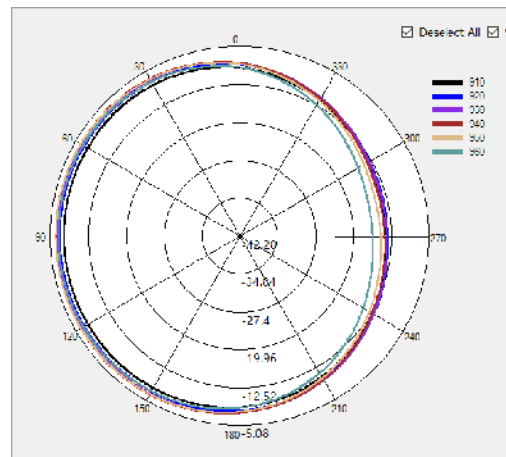
B5/B20/N5/N20 Theta=90deg



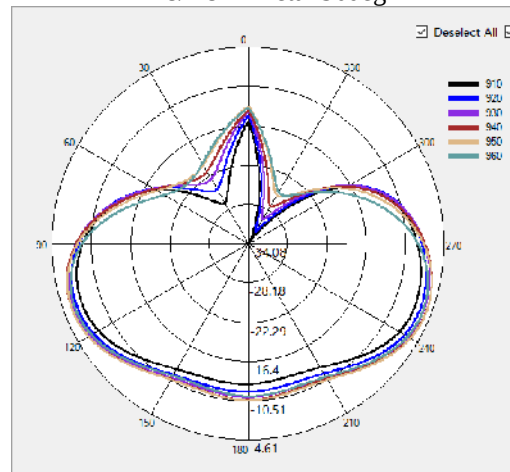
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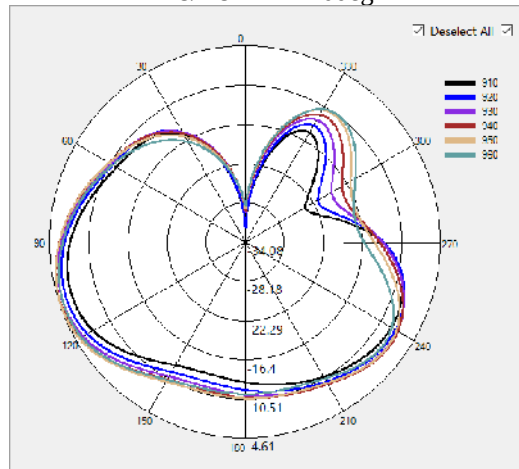
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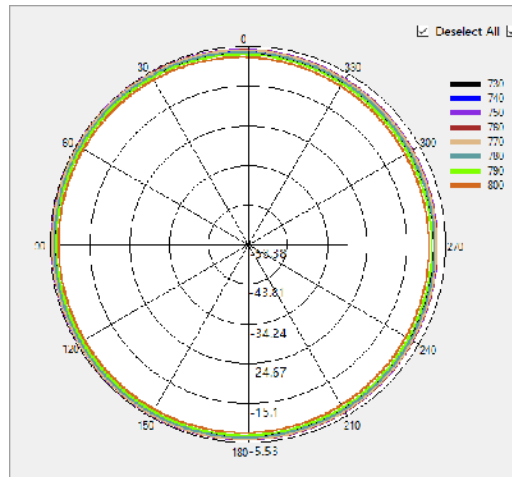
B8/N8 Theta=90deg



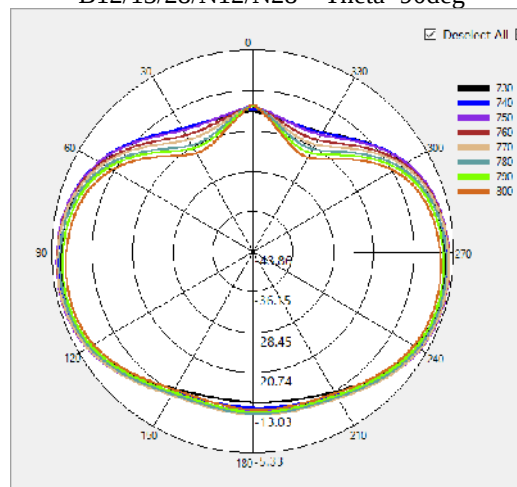
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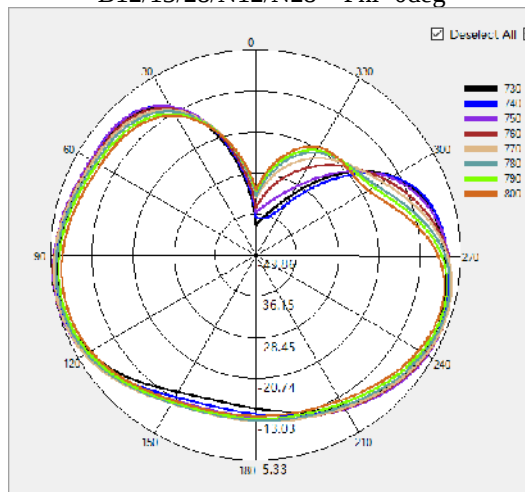
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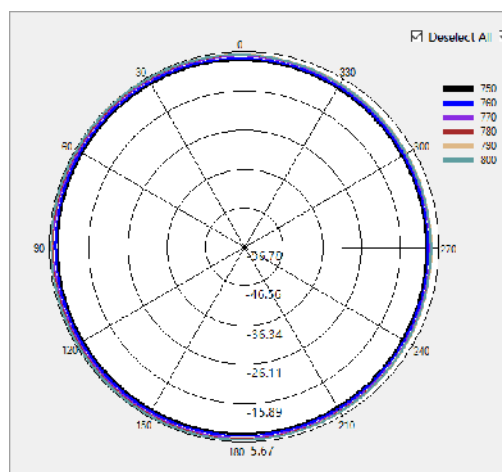
B12/13/28/N12/N28 Theta=90deg



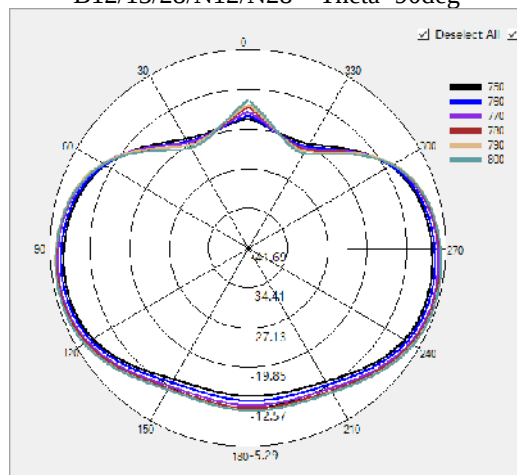
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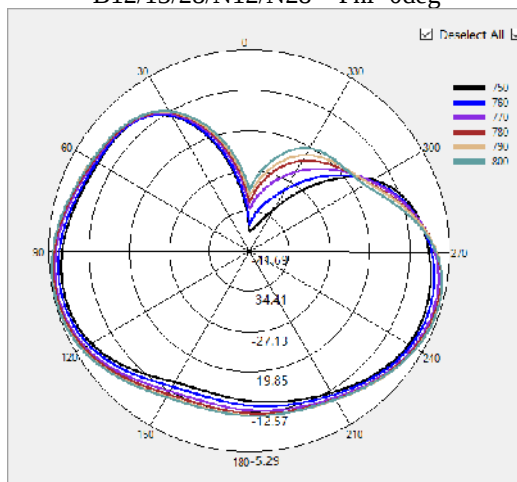
B12/13/28/N12/N28 Phi=90deg



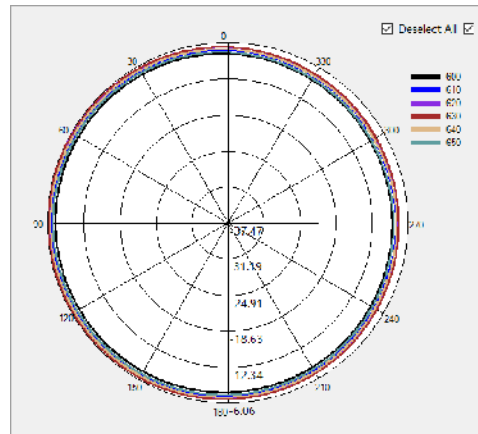
B12/13/28/N12/N28 Theta=90deg



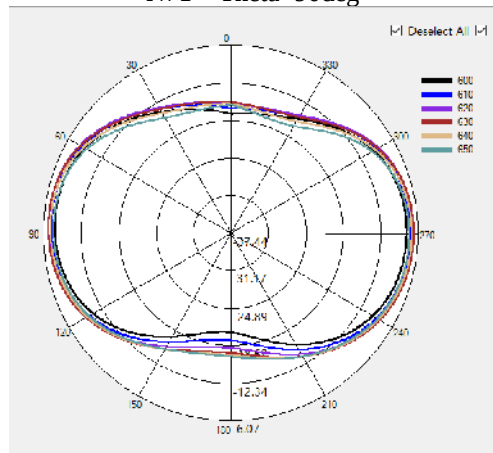
B12/13/28/N12/N28 Phi=0deg



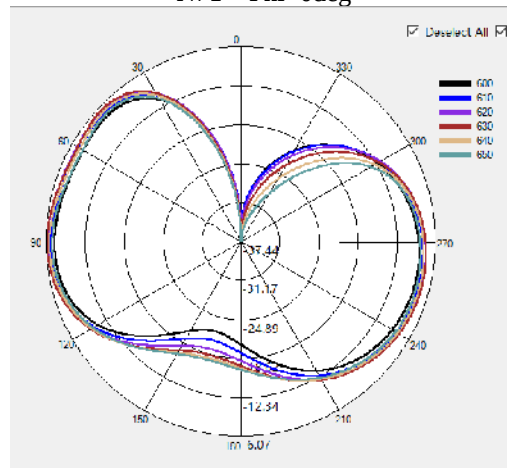
B12/13/28/N12/N28 Phi=90deg



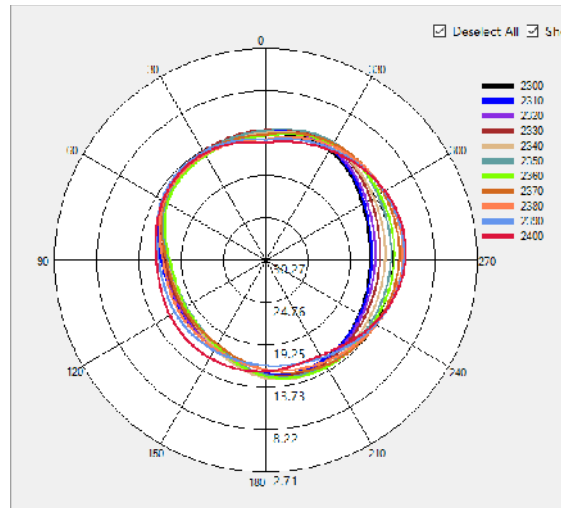
N71 Theta=90deg



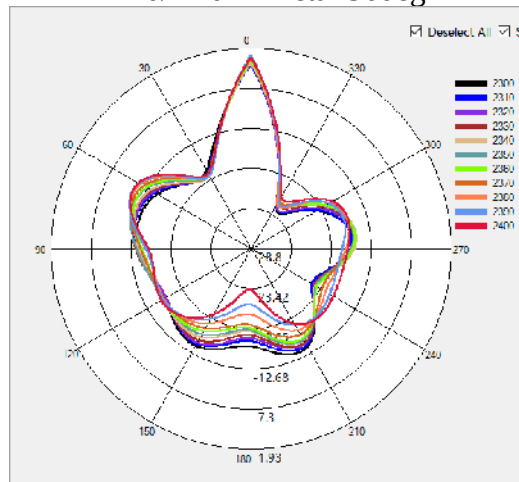
N71 Phi=0deg



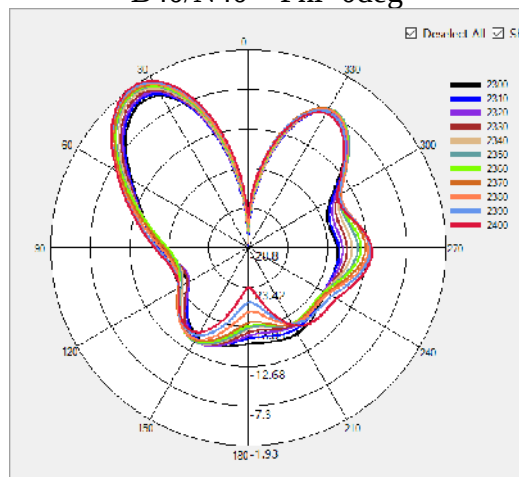
N71 Phi=90deg



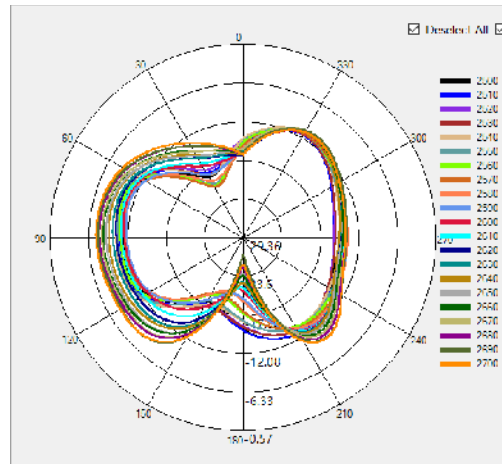
B40/N40 $\Theta = 90^\circ$



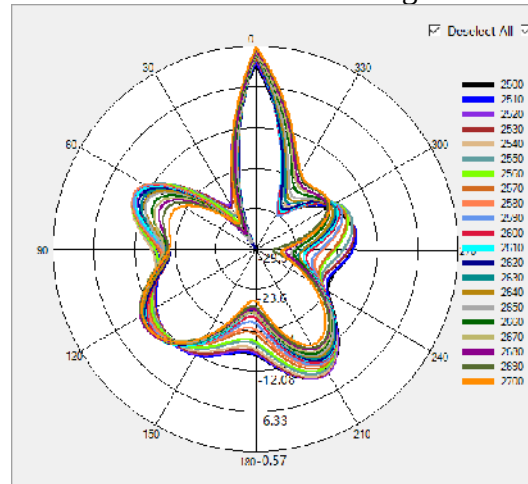
B40/N40 $\Phi = 0^\circ$



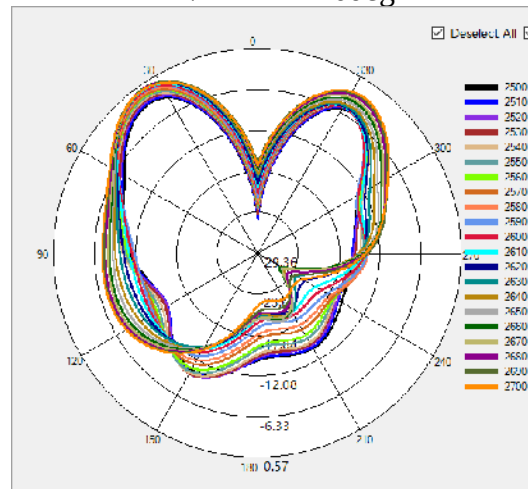
B40/N40 $\Phi = 90^\circ$



B7/N7 Theta=90deg



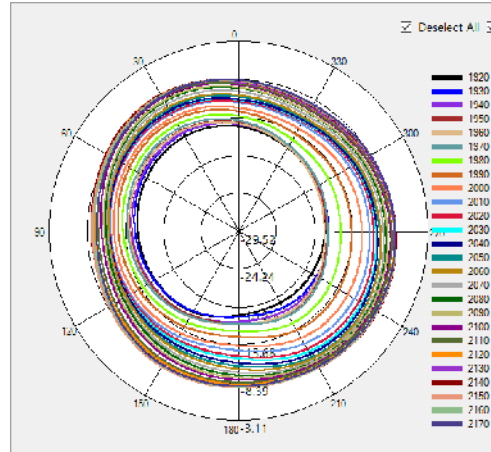
B7/N7 Phi=0deg



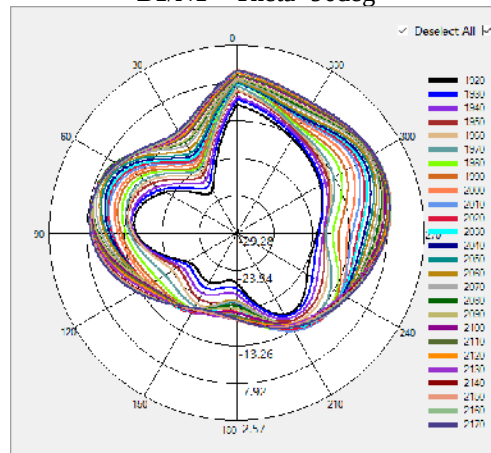
B7/N7 Phi=90deg

※ Antenna Gain

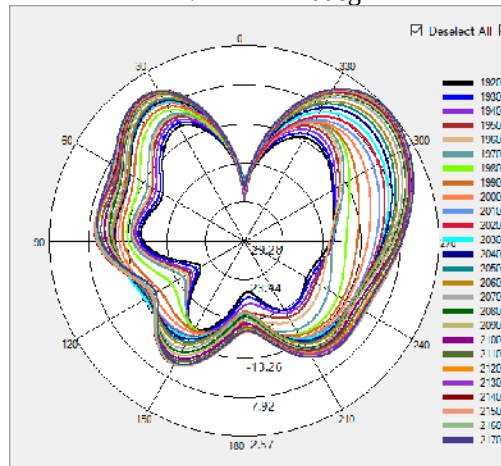
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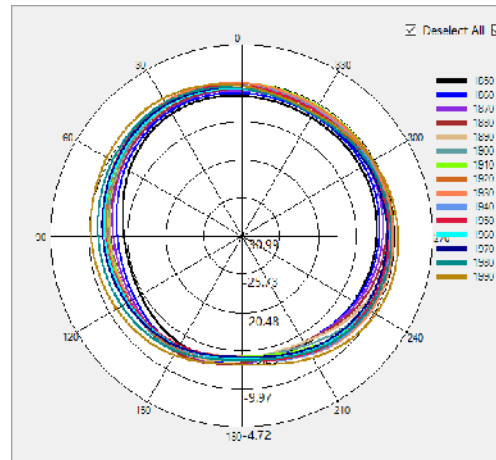
B1/N1 Theta=90deg



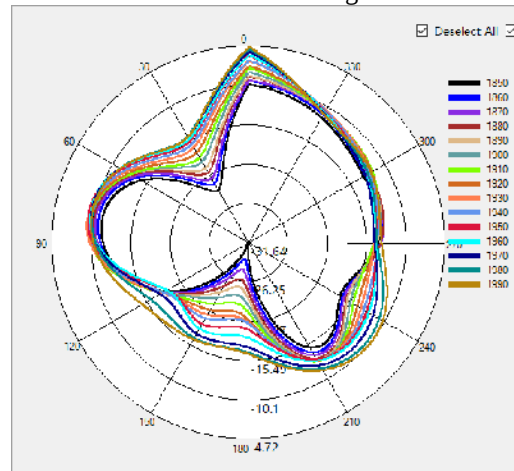
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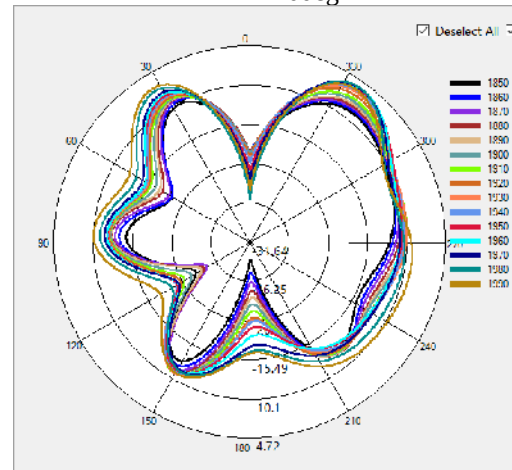
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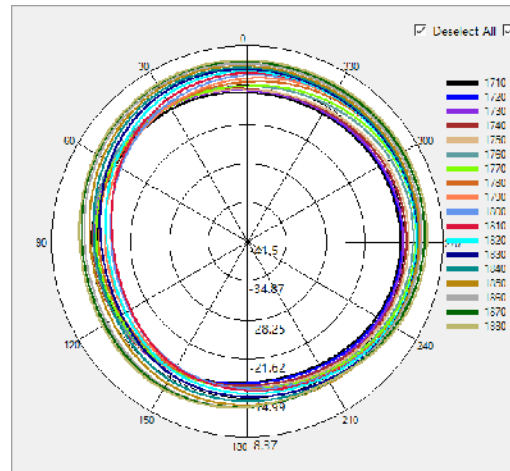
B2 Theta=90deg



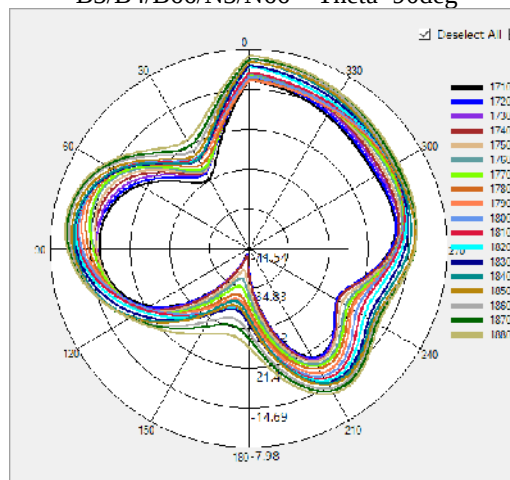
B2 Phi=0deg



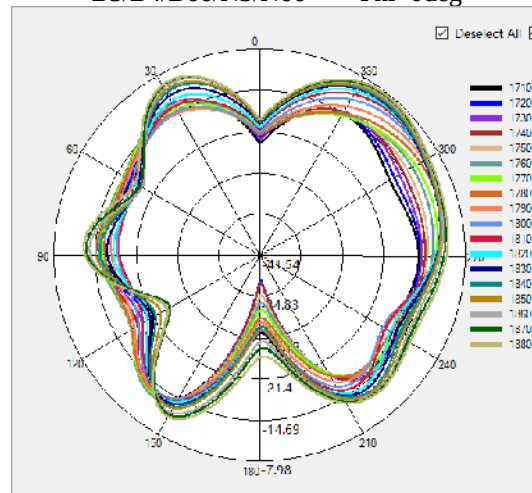
B2 Phi=90deg



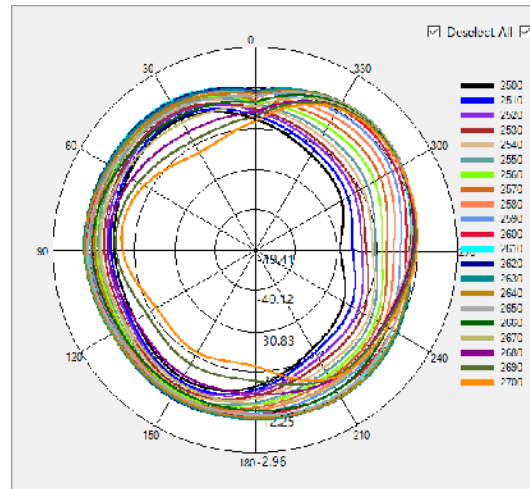
B3/B4/B66/N3/N66 Theta=90deg



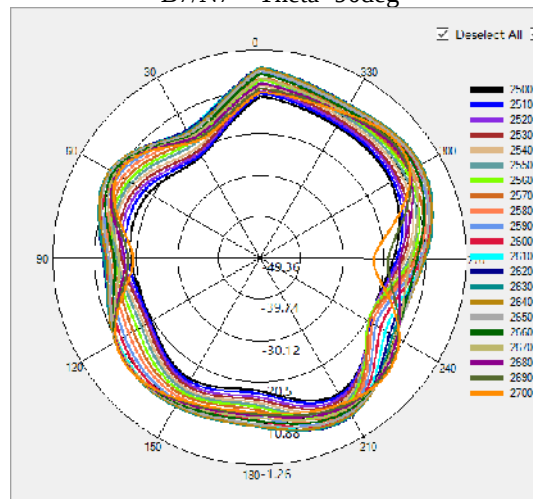
B3/B4/B66/N3/N66 Phi=0deg



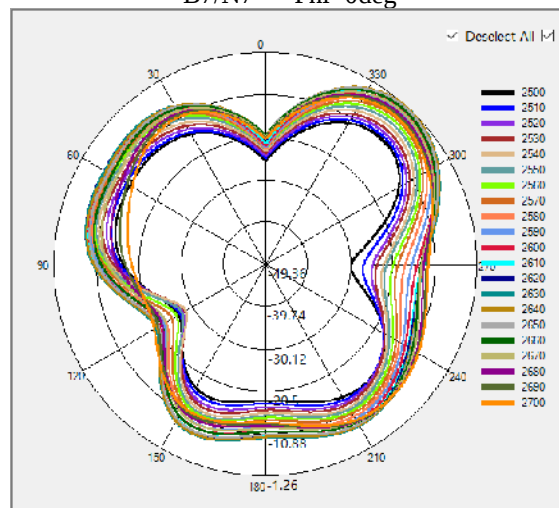
B3/B4/B66/N3/N66 Phi=90deg



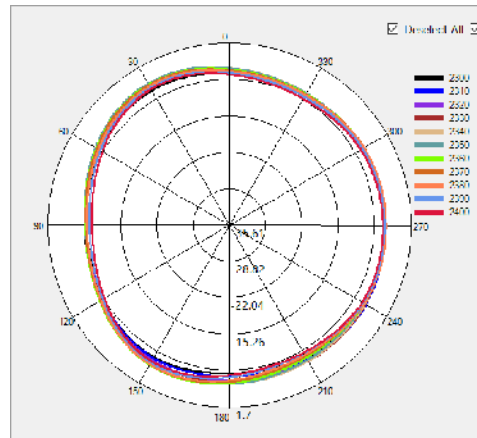
B7/N7 Theta=90deg



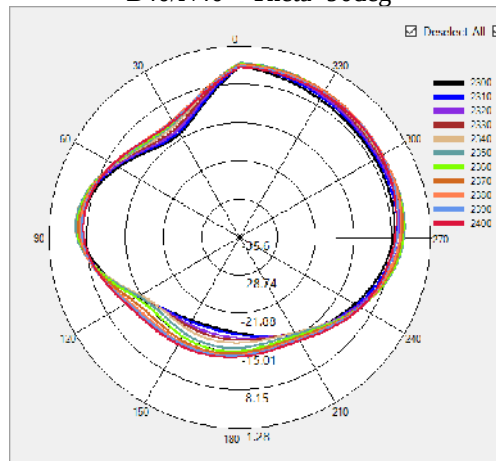
B7/N7 Phi=0deg



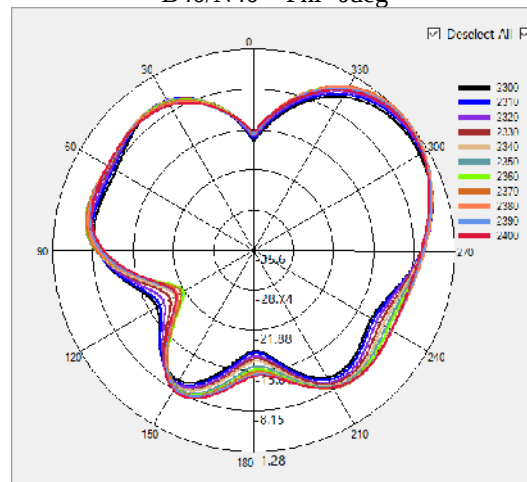
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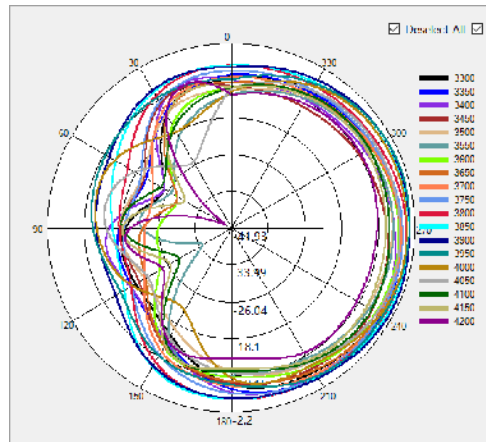
B40/N40 Theta=90deg



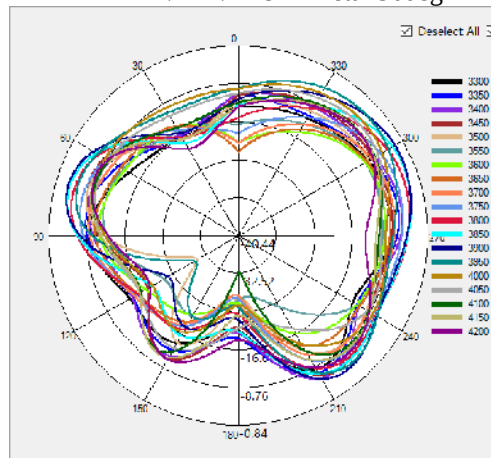
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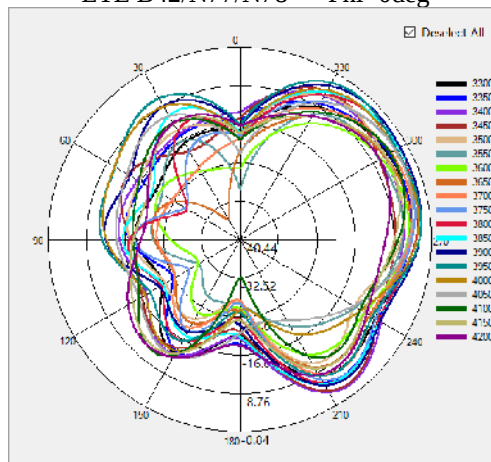
B40/N40 Phi=90deg



LTE B42/N77/N78 Theta=90deg



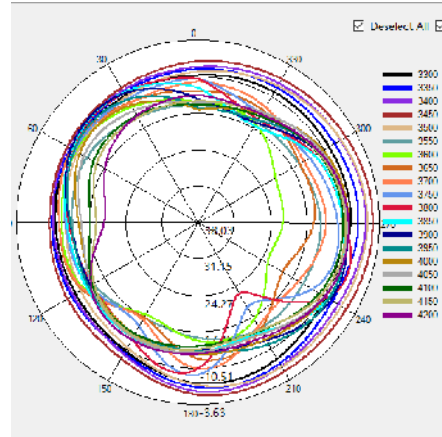
LTE B42/N77/N78 Phi=0deg



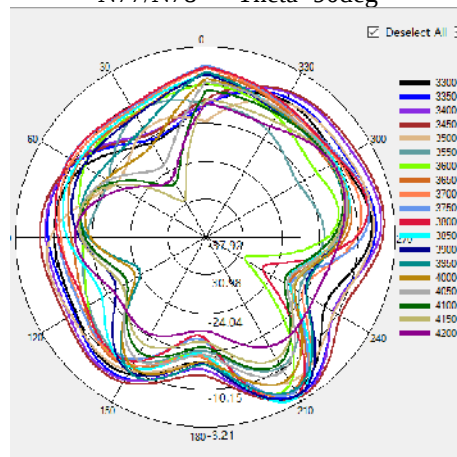
LTE B42/N77/N78 Phi=90deg

※ Antenna Gain

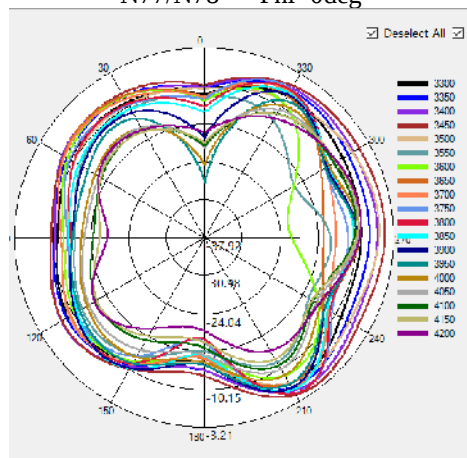
ANT4



N77/N78 Theta=90deg



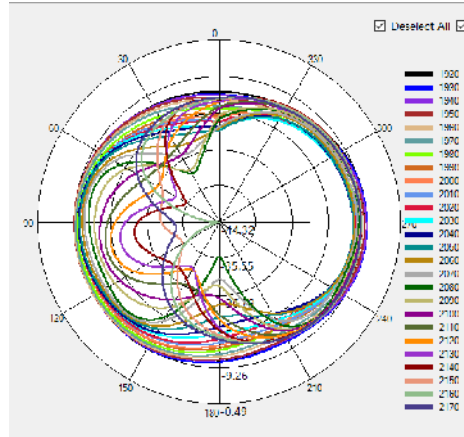
N77/N78 Phi=0deg



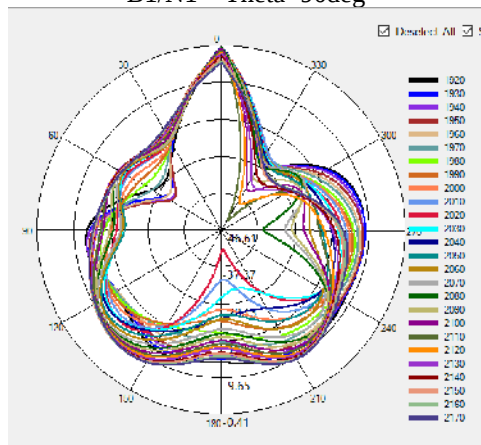
N77/N78 Phi=90deg

※ Antenna Gain

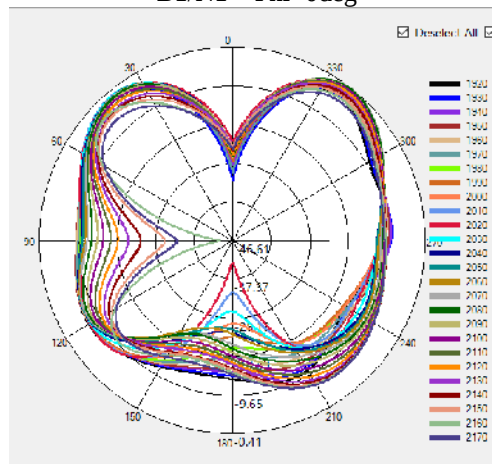
ANT5



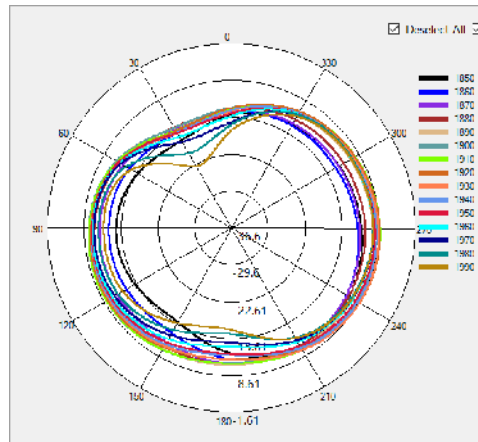
B1/N1 Theta=90deg



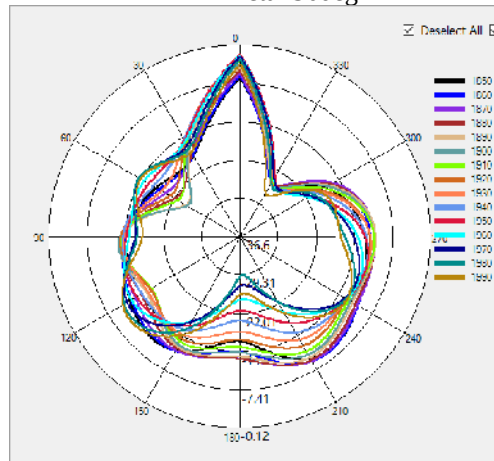
B1/N1 Phi=0deg



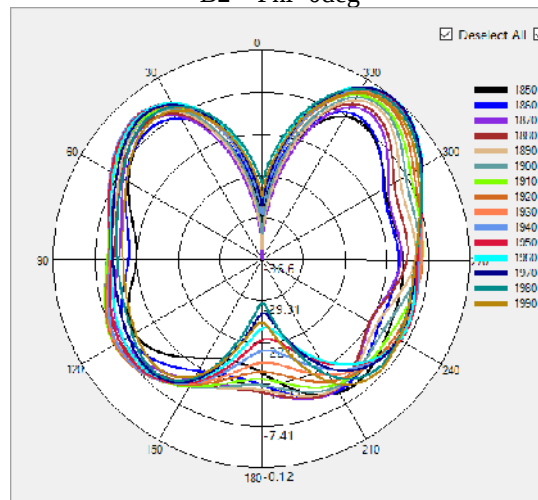
B1/N1 Phi=90deg



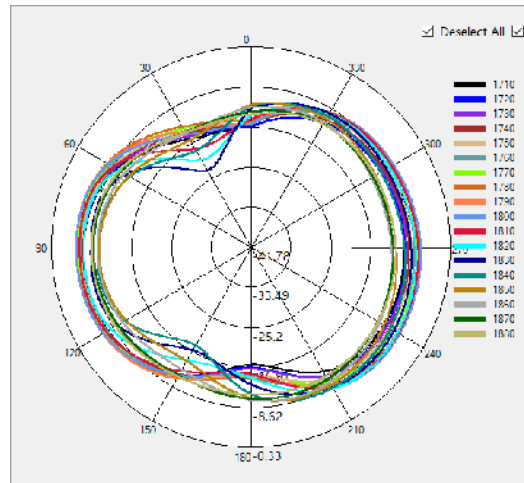
B2 Theta=90deg



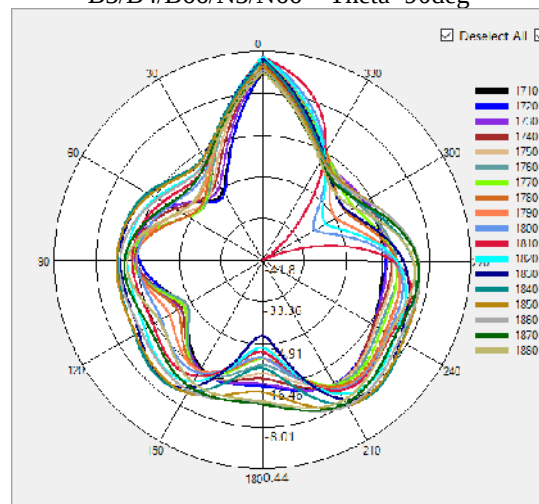
B2 Phi=0deg



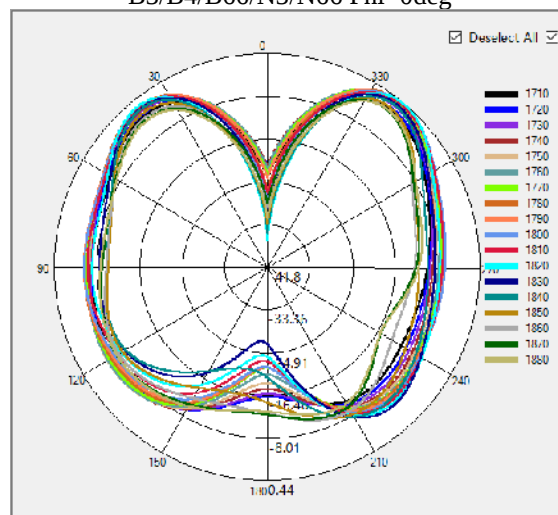
B2 Phi=90deg



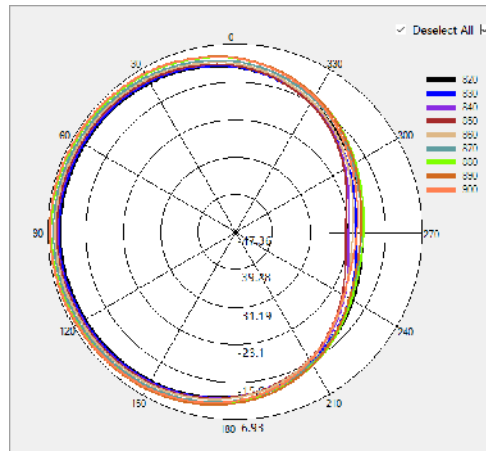
B3/B4/B66/N3/N66 Theta=90deg



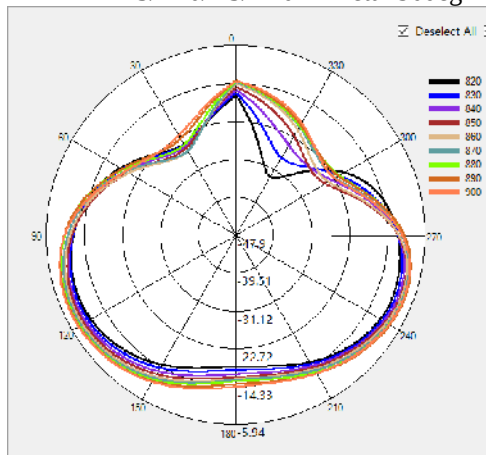
B3/B4/B66/N3/N66 Phi=0deg



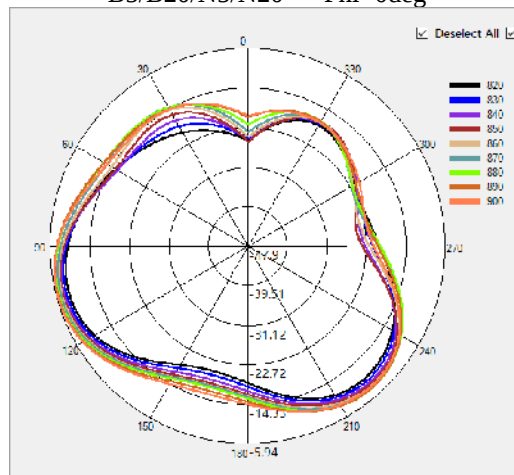
B3/B4/B66/N3/N66 Phi=90deg



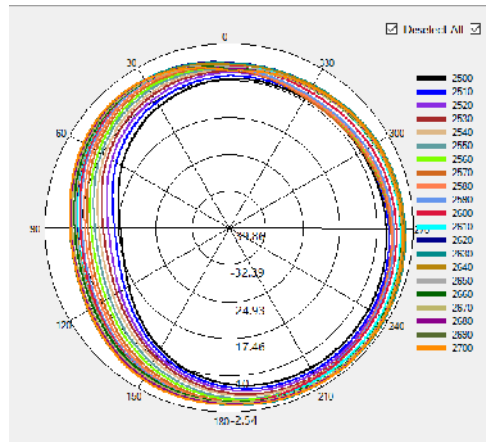
B5/B20/N5/N20 Theta=90deg



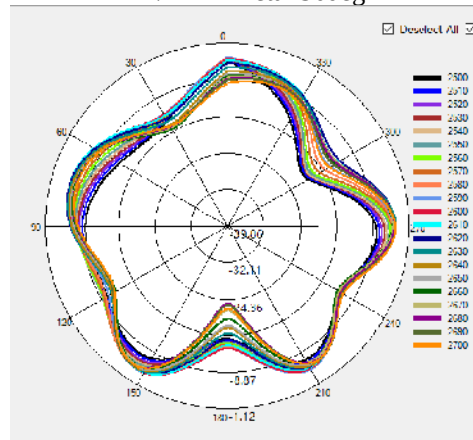
B5/B20/N5/N20 Phi=0deg



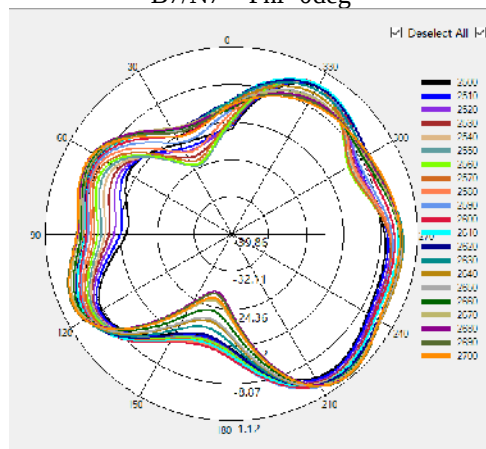
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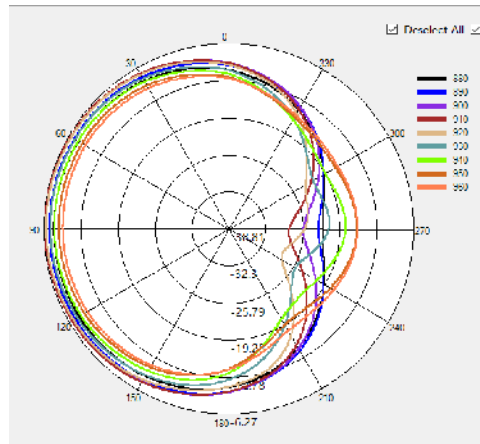
B7/N7 Theta=90deg



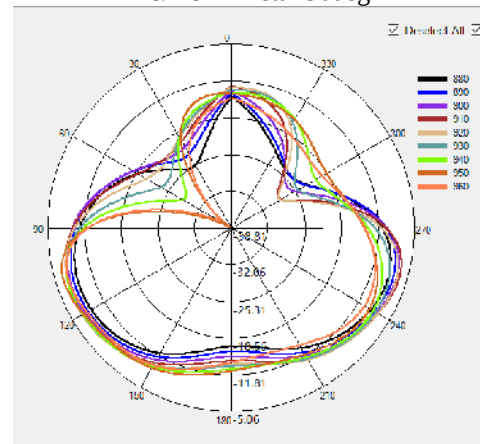
B7/N7 Phi=0deg



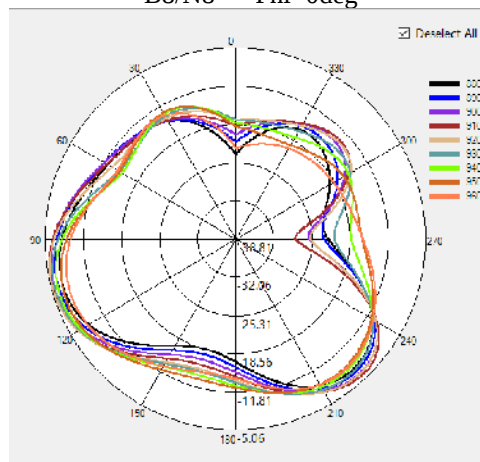
B7/N7 Phi=90deg



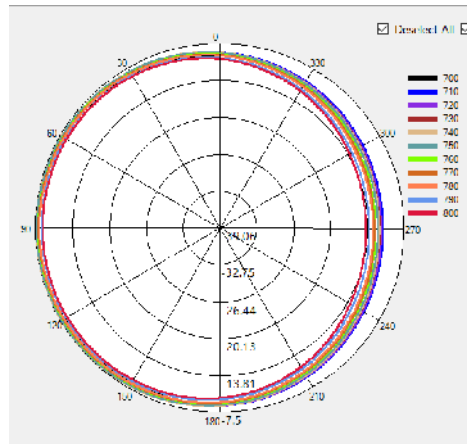
B8/N8 Theta=90deg



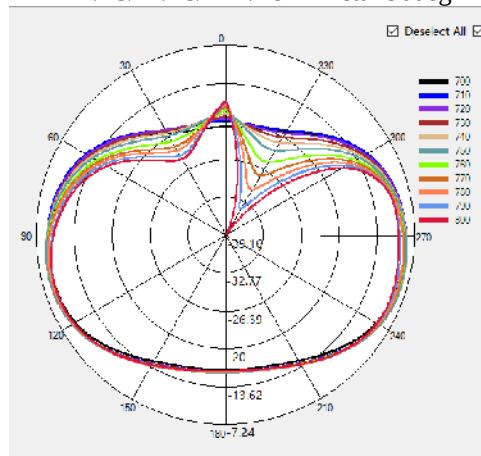
B8/N8 Phi=0deg



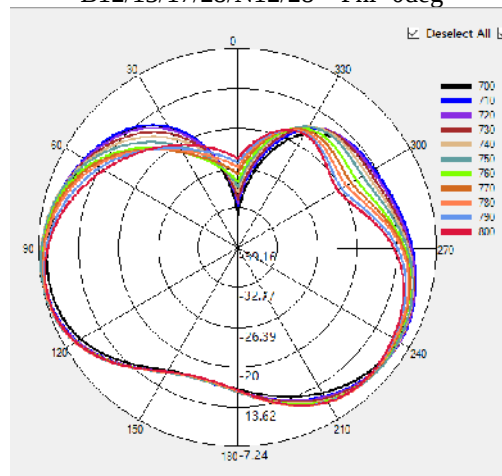
B8/N8 Phi=90deg



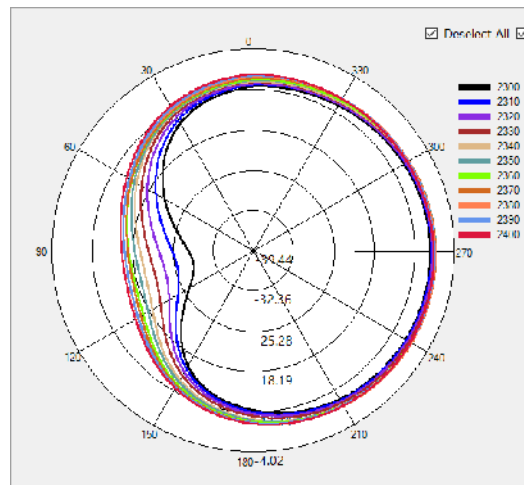
B12/13/17/28/N12/28 Theta=90deg



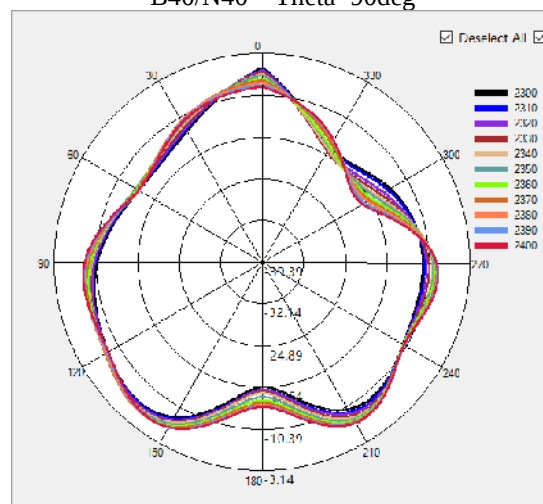
B12/13/17/28/N12/28 Phi=0deg



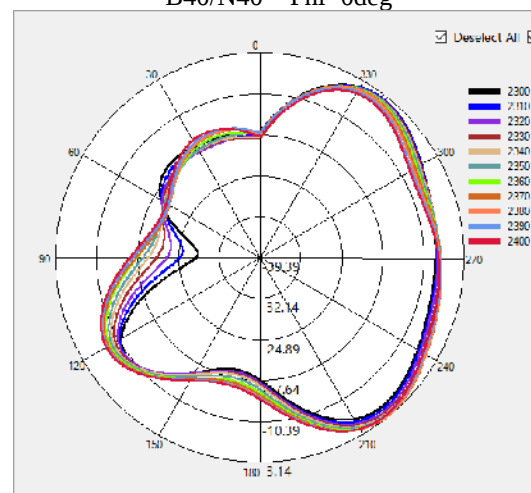
B12/13/17/28/N12/28 Phi=90deg



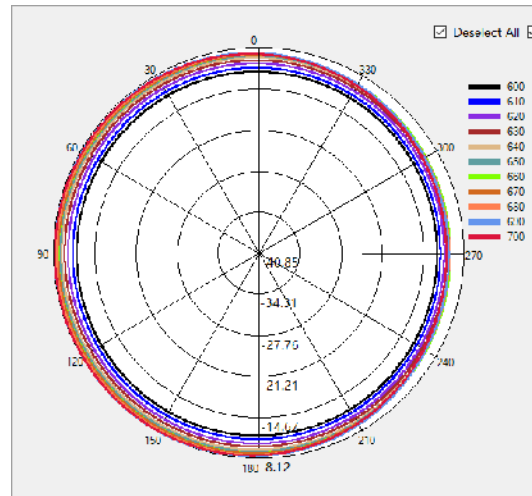
B40/N40 Theta=90deg



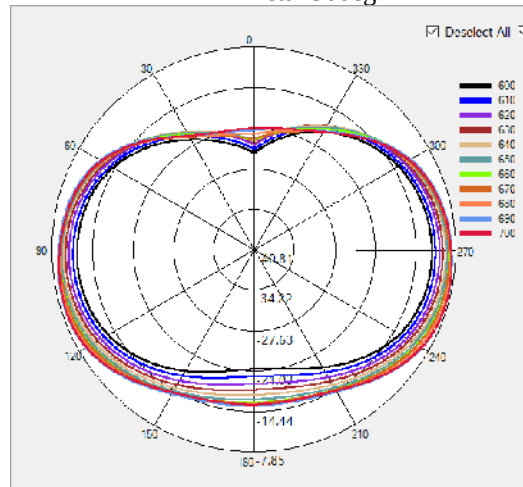
B40/N40	Phi=0deg
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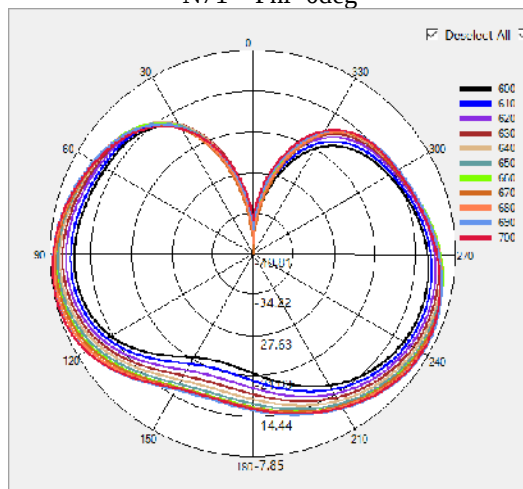
B40/N40 Phi=90deg



N71 Theta=90deg



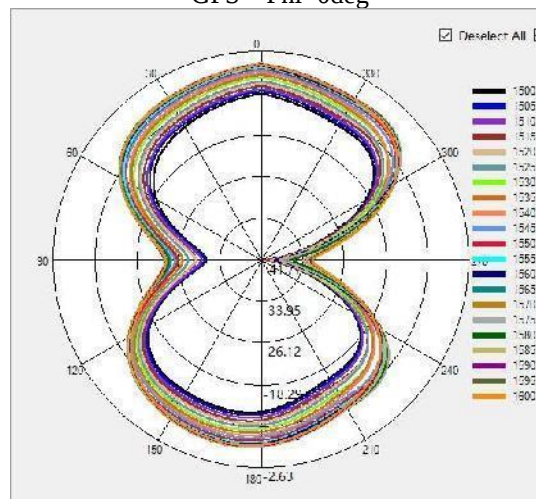
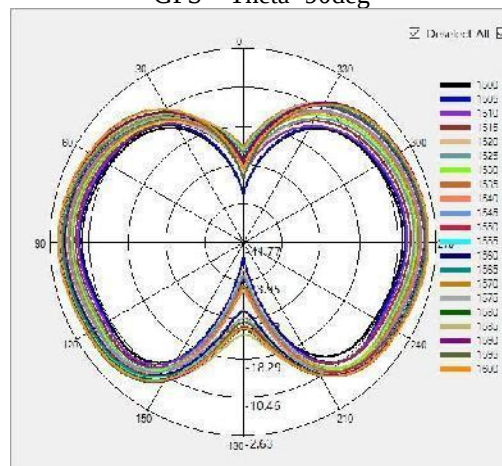
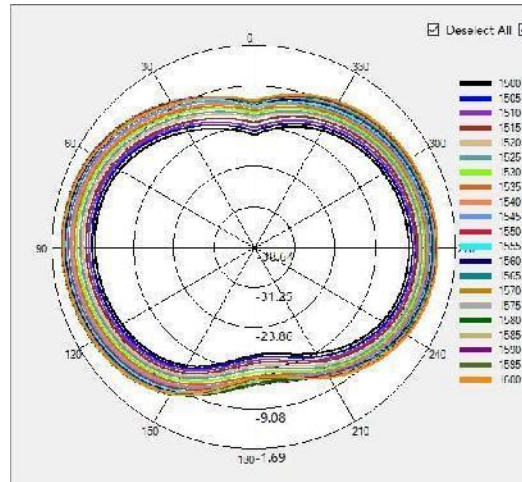
N71 Phi=0deg

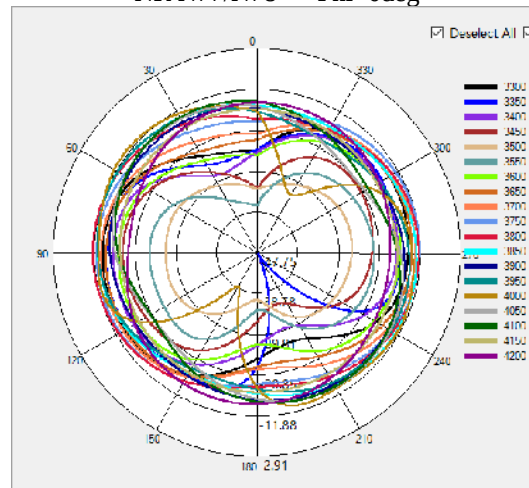
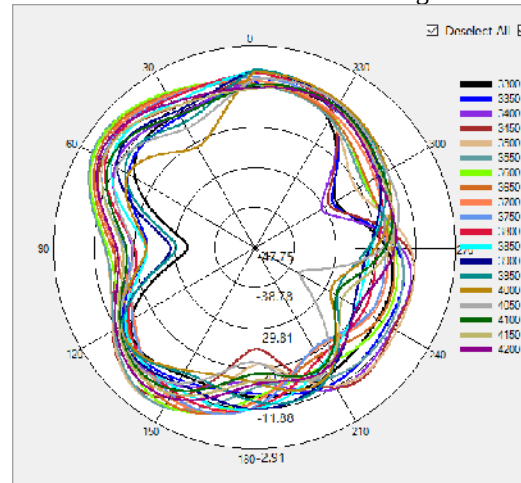
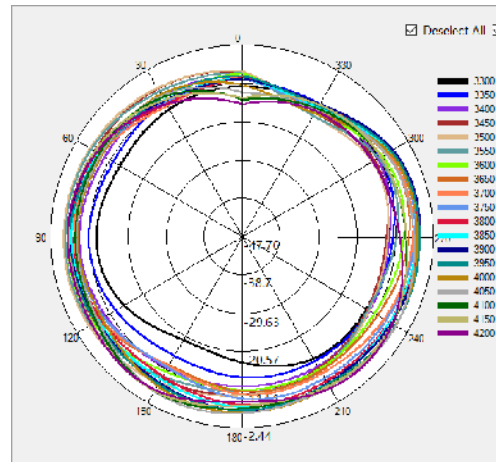


N71 Phi=90deg

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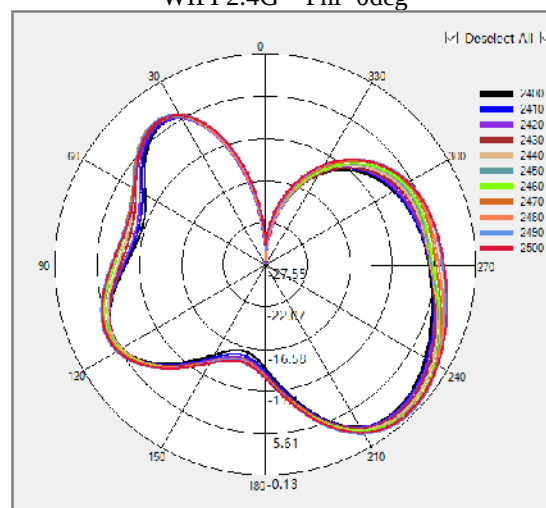
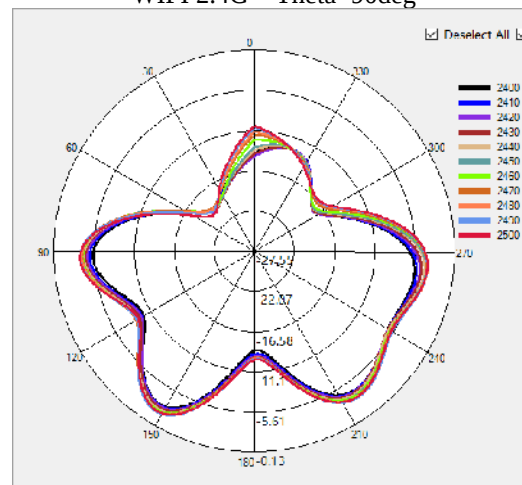
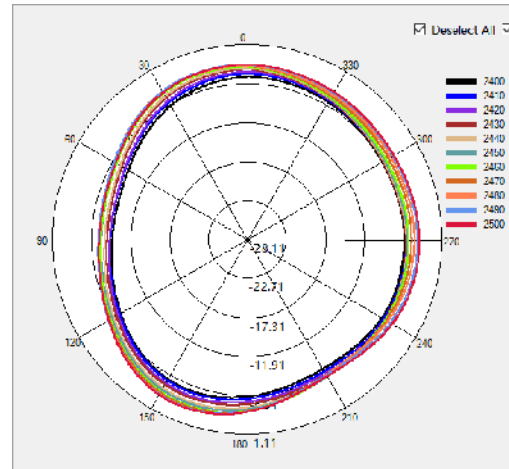
ANT6

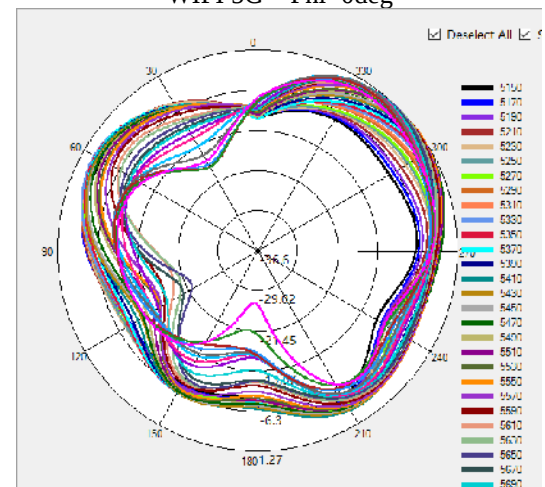
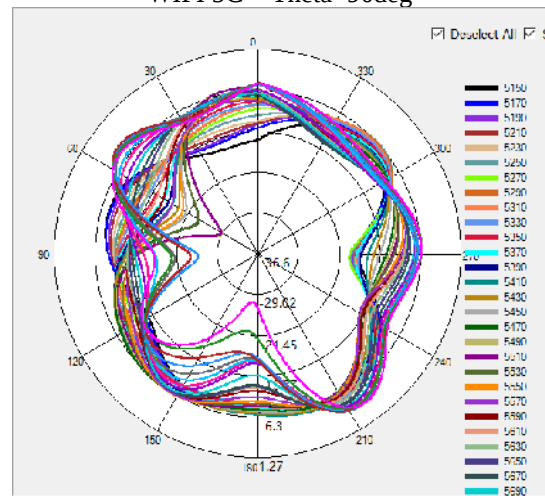
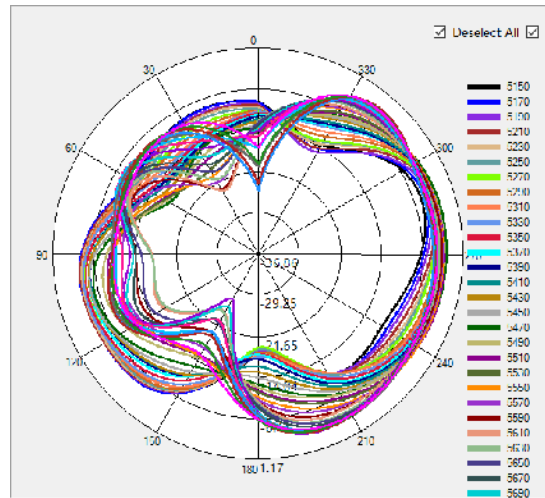




※ Antenna Gain

ANT12





PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	