

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/B13/B20/B28/B66/B38/B41/B42

NRMode N1/N3/N5/N7/N8/N12/N20/N28/N38/N41/N77/N78/N66

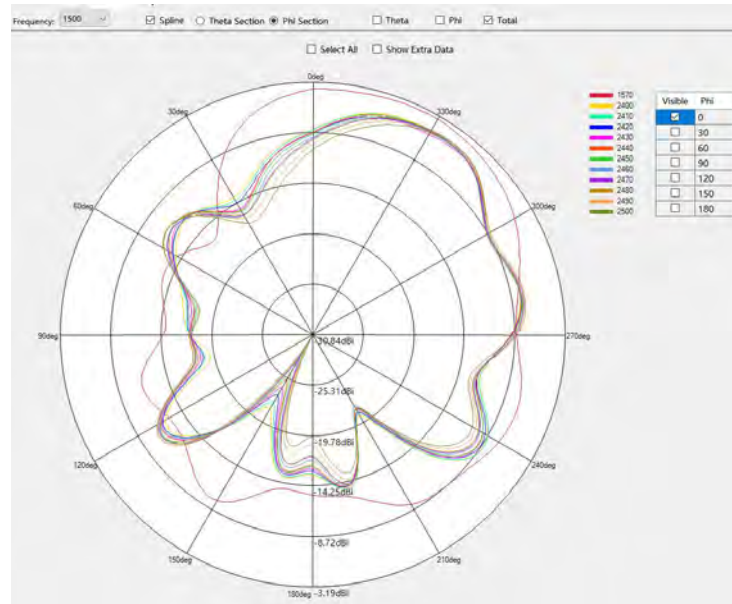
Name and address of the antenna manufacturer	Model number of the antenna
/	/

TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 NR n5: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8 NR n8: 880 – 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: 1710 – 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1 NR n1: 1920 – 1980MHz
	LTE B7 NR n7:2496-2565MHz
	LTE B40 NR n40:2300-2400MHz
	LTE B38/B41 NR n38/n41:2565-2645MHz
	LTE B20 NR n20:832-862MHz
	LTE B12/B17/B28 NR n12/n28:710-755MHz
	LTE B42 NR n77/n78:3300-4200MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5 NR n5: 869 – 894 MHz
	GSM 900/WCDMA B8/LTE B8 NR n8: 925 – 960 MHz
	DCS/LTE B3/B66 NR n3/n66: 1805 – 1880 MHz
	WCDMA 4/LTE B4 NR n4: 2110-2155 MHz
	PCS/WCDMA B2/LTE B2:1930-1990MHz
	WCDMA B1/LTE B1 NR n1: 2110 – 2170MHz
	LTE B7 NR n7:2620-2690MHz
	LTE B40 NR n40:2300-2400MHz
	LTE B38/41 NR n38/n41:2565-2645MHz
	LTE B20 NR n20:791-821MHz
	LTE B12/B17/B28 NR n12/n28:758-803MHz
	LTE B42 NR n77/n78:3300-4200MHz
RF-Output Power (E.I.R.P)	GSM850/900: 32+/-2dBm
	DCS/PCS: 30+/-2dBm
	LTEB1/B2/B3/B4/B5/B7/B8/B12/B17/B13/B28/B66/B38/ B4 θ/B41/B42: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
	NR N77/N78: 26+/-2dBm
	NRN1/N3/N5/N7/N8/N12/N20/N28/N66/N38/ N40 /N41: 23+/-2dBm
ANT12	GPS(L1):-3.2dB
	BT/WIFI2.4:-3.5dB

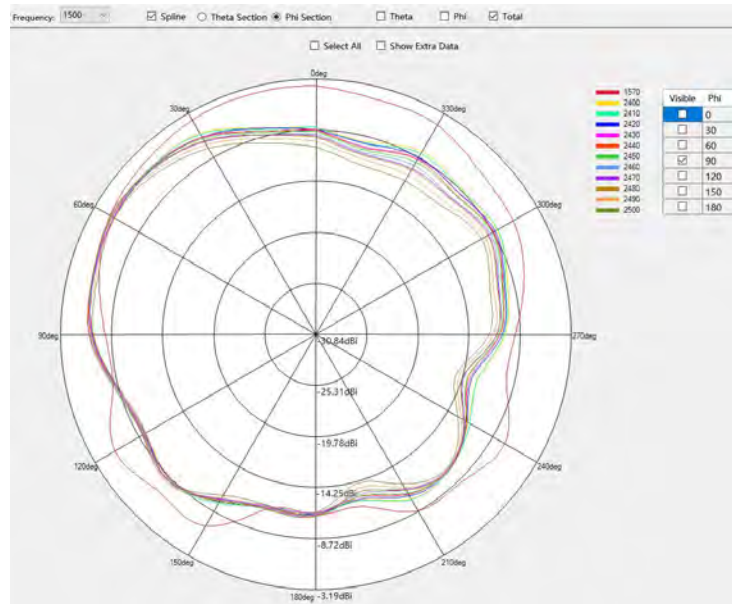
Antenna Gain	ANT0	LTE B42 NR n77/n78:-6.1dB
		WIFI 5G :-0.7dB
	ANT13	BT/WIFI2.4:-6.4dB
	ANT3	GSM 850/WCDMA B5/LTE B5/NR n5/n20: -6.3dB
		GSM 900/WCDMA B8/LTE B8 /NR n8: -7.7dB
		LTE B12/17/13/20/28 /NR n12/20/28:-6.8dB
		LTE B1/2 /NR n1:-7.1dB
		LTE B3 /4/66/NR n3/n66:-4.1dB
		LTE B40 /NR n40: -2.0dB
		LTE B7/38/41 /NR n7/38/41:-6.2dB
	ANT4	GSM 850/WCDMA B5/LTE B5/20/NRn5/n20/:-3.7dB
		GSM 900/WCDMA B8/LTE B8 /NR n8: -3.2dB
		LTE B12/17/13/28 /NR n12/28:-3.7dB
	ANT5	GSM1900/WCDMA B1/LTE B1/2/4/66 /NR n1/66:-5.3dB
		GSM1800/WCDMA B3/LTE B3 /NR n3:-3.7dB
		LTE B40 /NR n40: -1.6dB
		LTE B38/41 /NR n7/41:-3.9dB
Type of Modulation	ANT6	LTE B42NR n77/78/n48:-3.8dB
		GSM1900/WCDMA B1/LTE B1 /NR n1:-3.5dB
		GSM1800/WCDMA B4/LTE B2/3/4/66 /NR n3/n66:-3.3dB
		LTE B40/NR n40: -1.8dB
		LTE B38/B41/NR n7/38/41:-2.4dB
	ANT7	LTE B42NR n77/78:-5.0
		LTE B42NR n77/78:-3.0

※ Antenna Gain

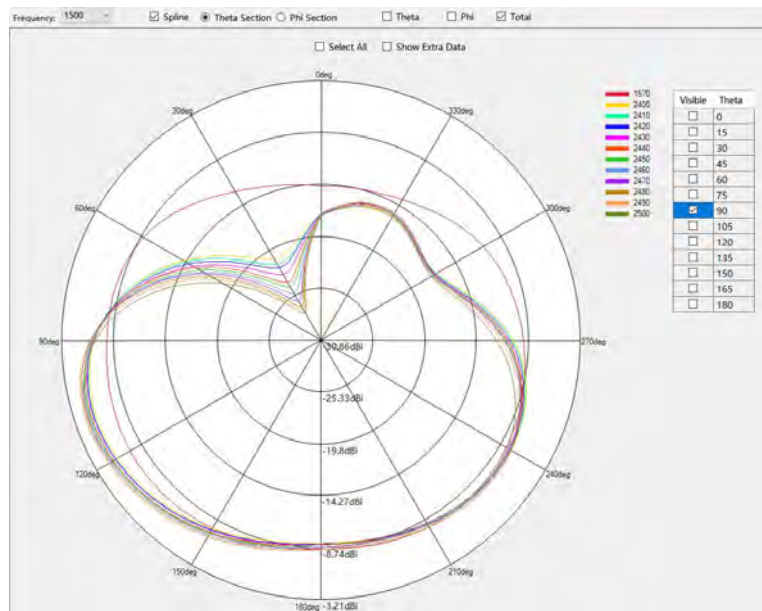
ANT12



GPS&2.4G WIFI&BT Phi=0deg



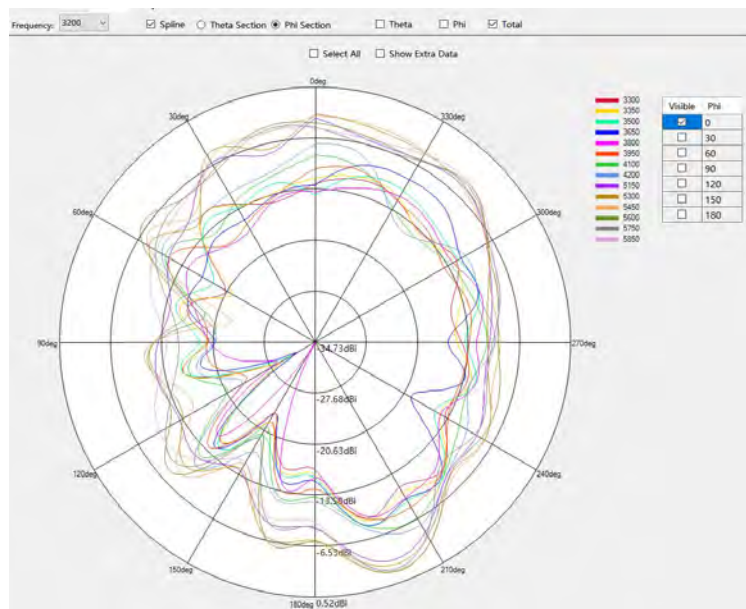
GPS&2.4G WIFI&BT Phi=90deg



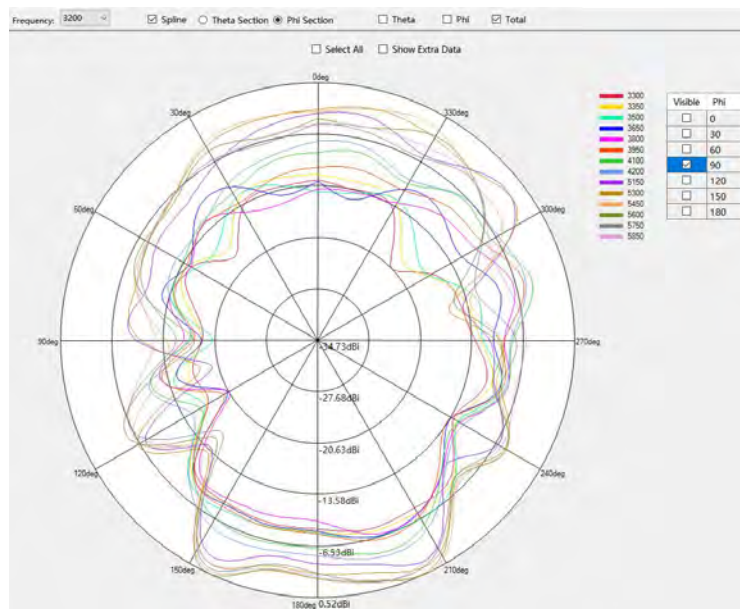
GPS&2.4G WIFI&BT Theta=90deg

✂ Antenna Gain

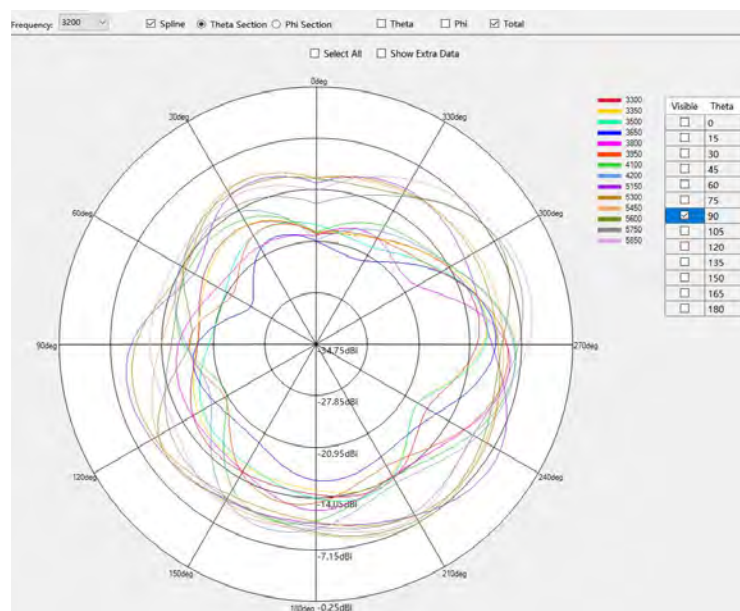
ANT0



5G WIFI LTE B42 NR n77/78 Phi=0deg



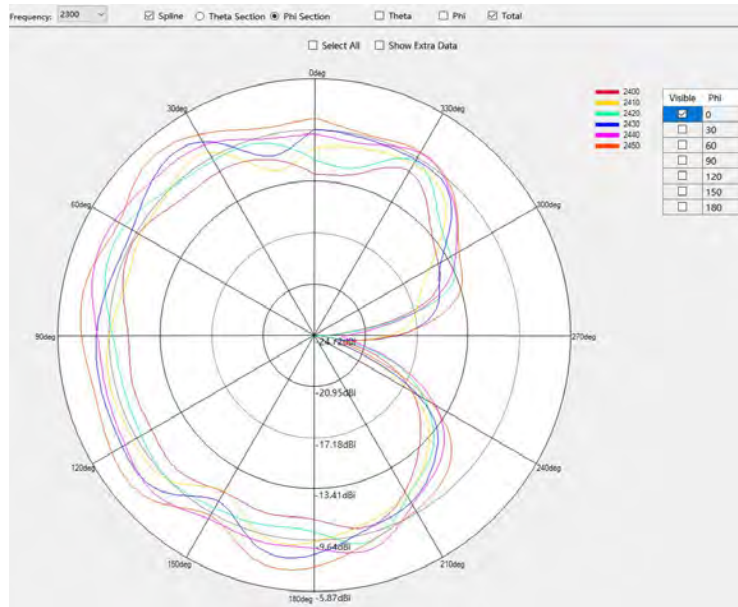
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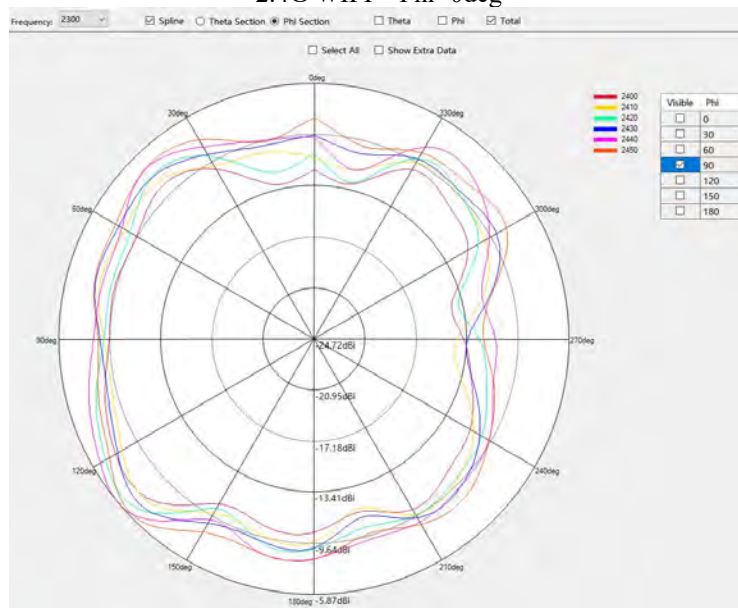
5G WIFI LTE B42 NR n77/78 Theta=90deg

※ Antenna Gain

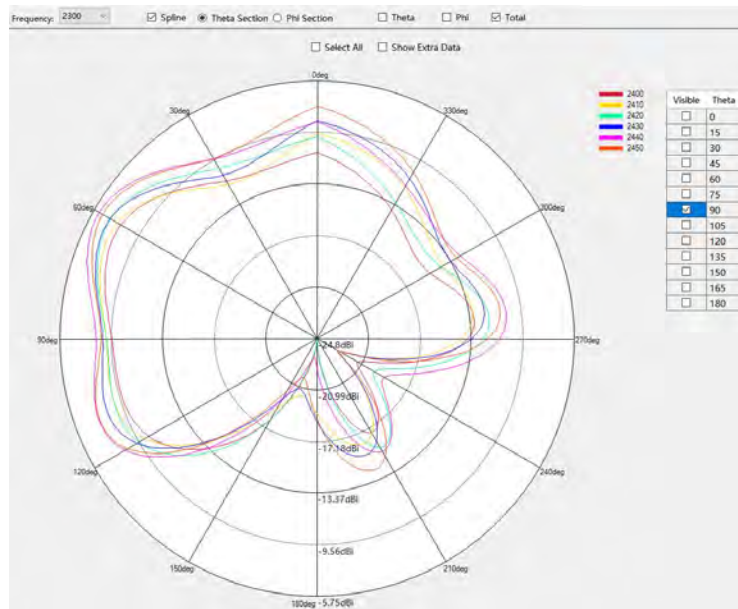
ANT13



2.4G WIFI Phi=0deg



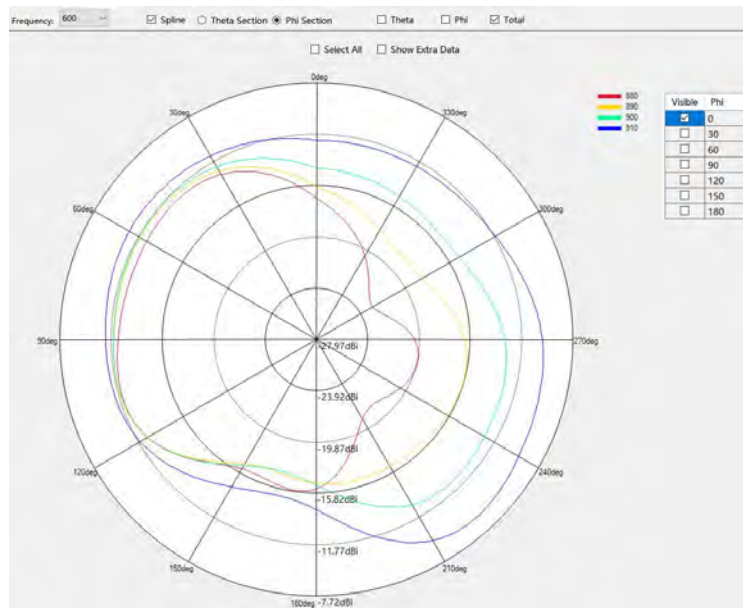
2.4G WIFI Phi=90deg



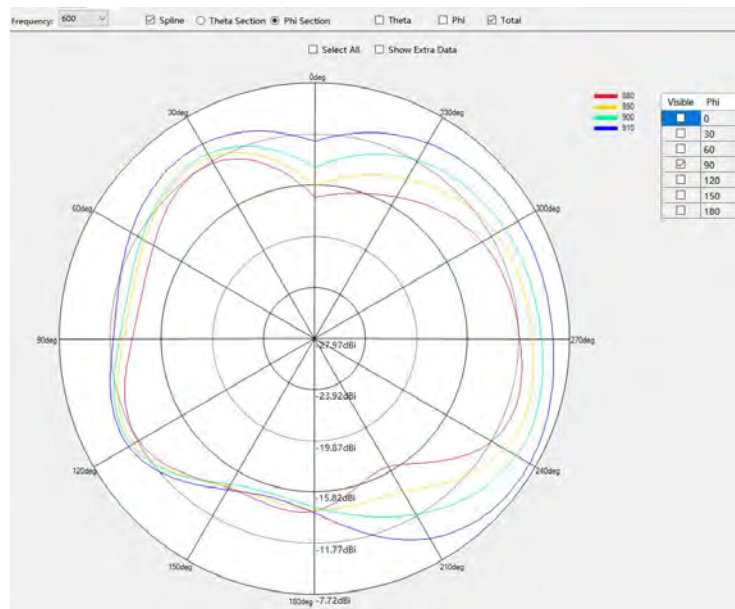
2.4G WIFI Theta=90deg

※ Antenna Gain

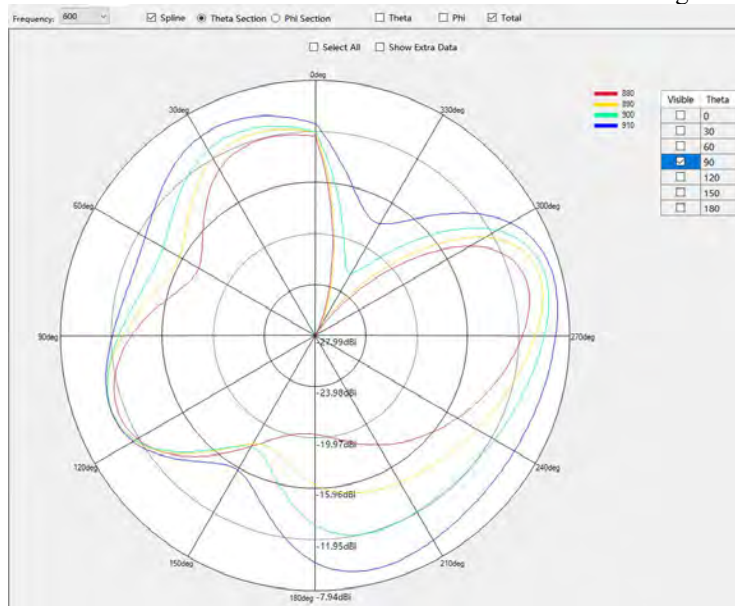
ANT3



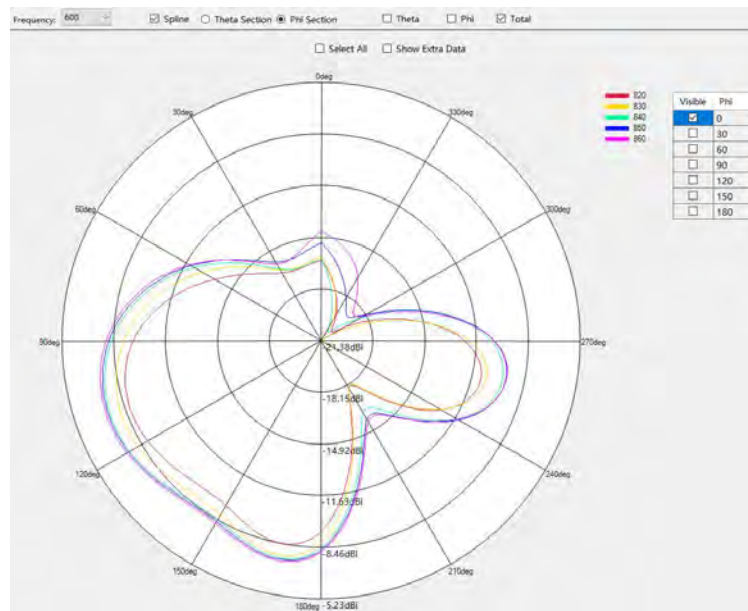
GSM900 / WCDMA B8 / LTE B8 NR n8 Phi=0deg



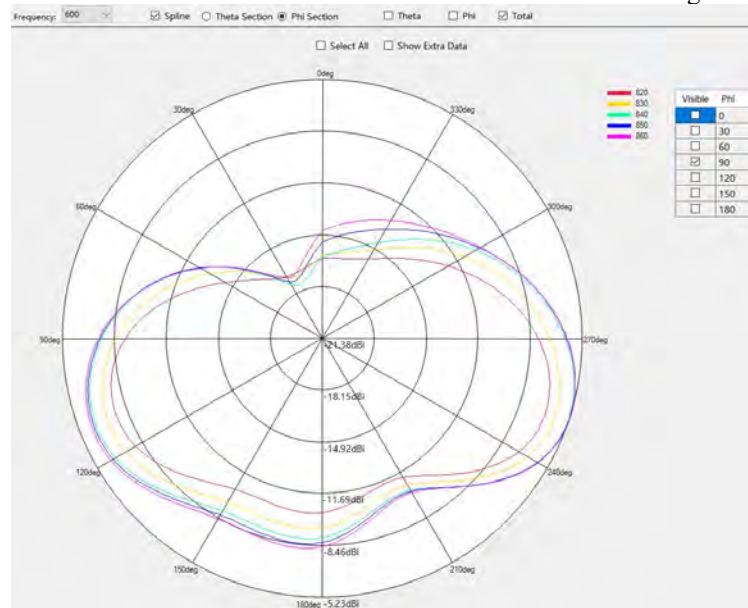
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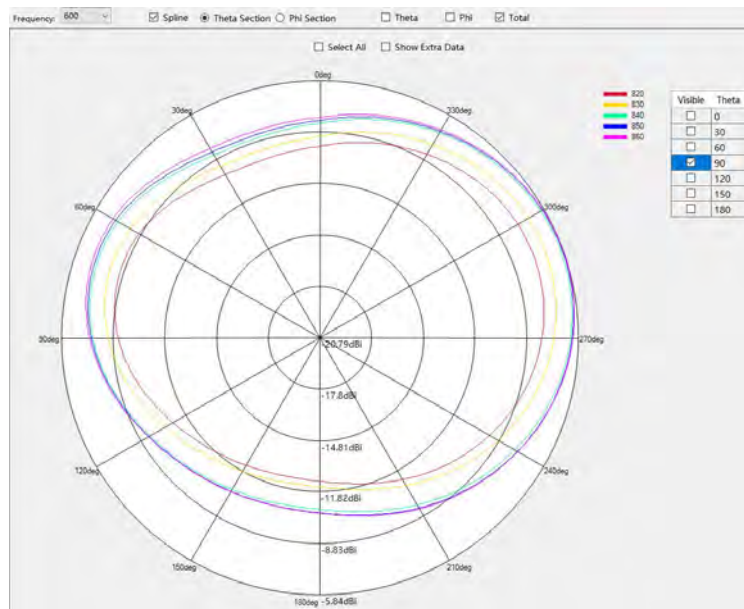
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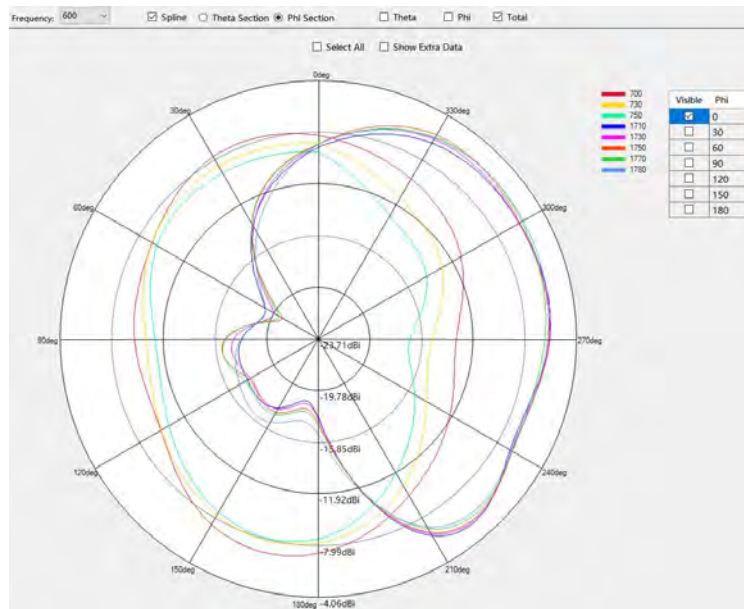
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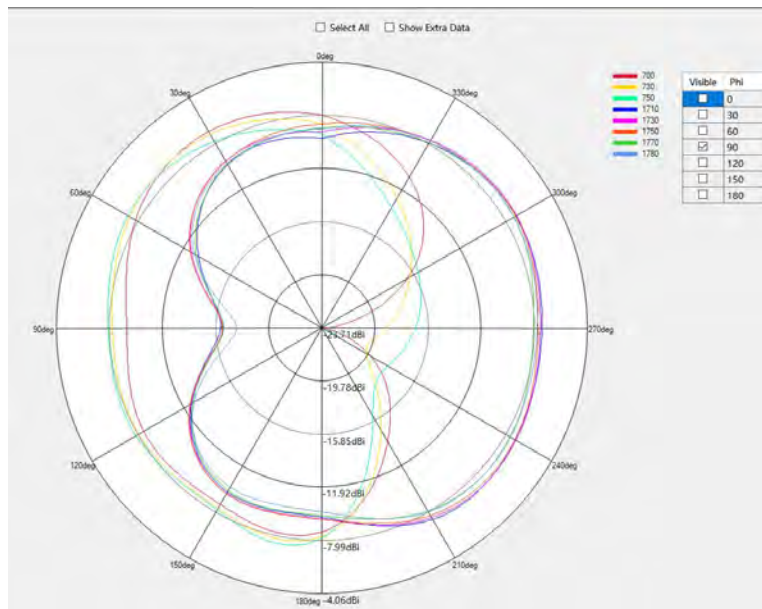
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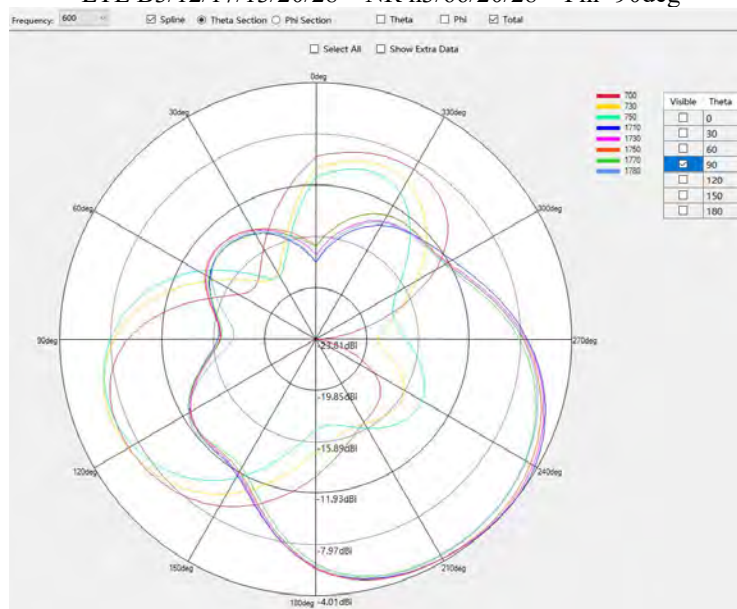
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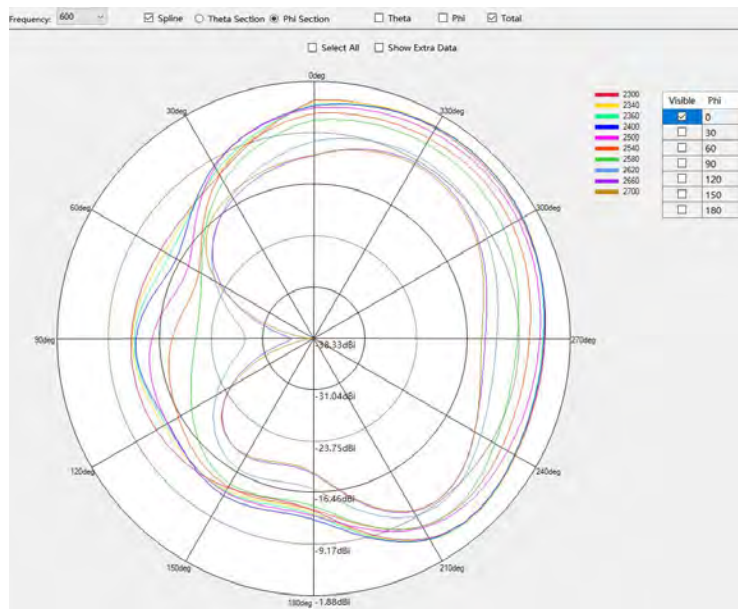
LTE B3/12/17/13/20/28 NR n3/66/20/28 Phi=0deg



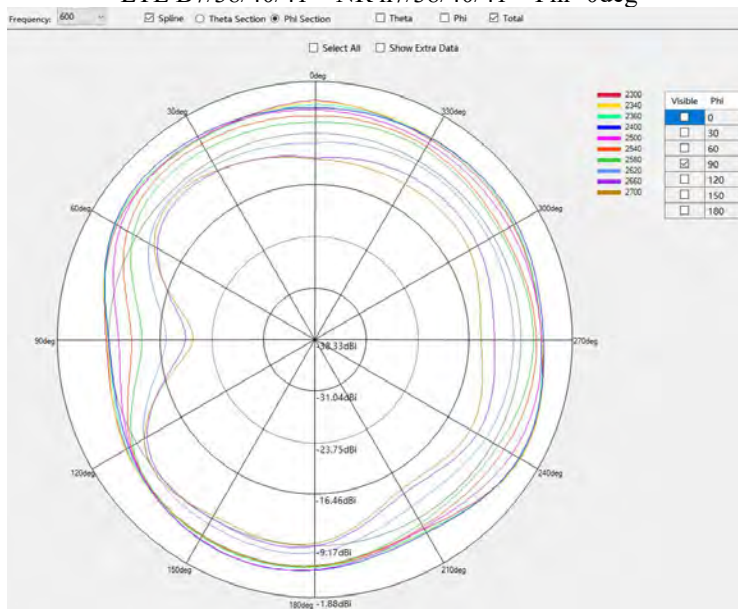
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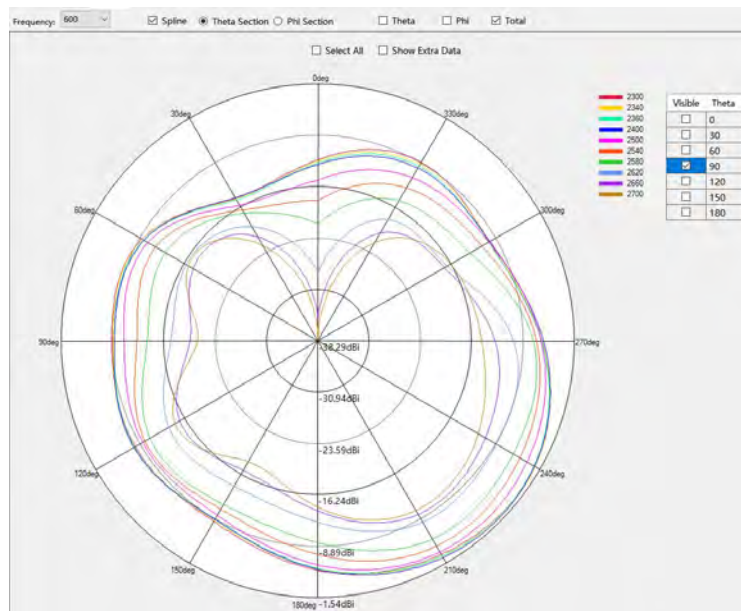
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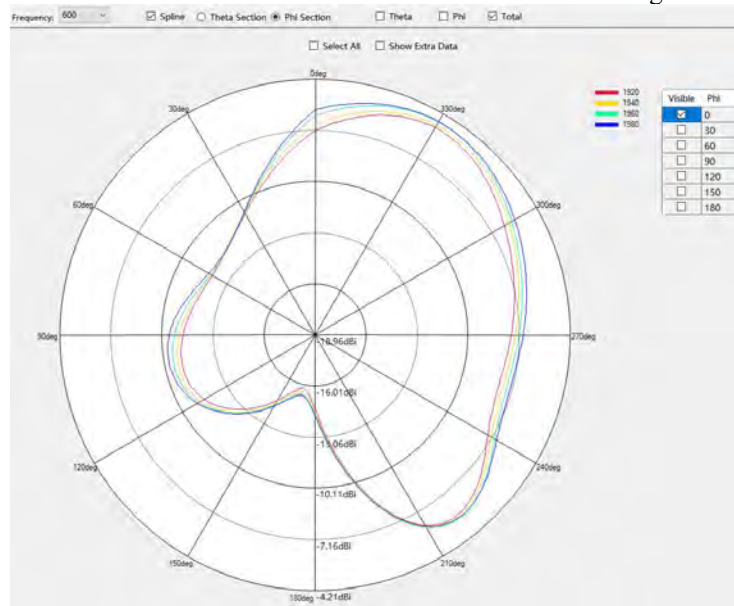
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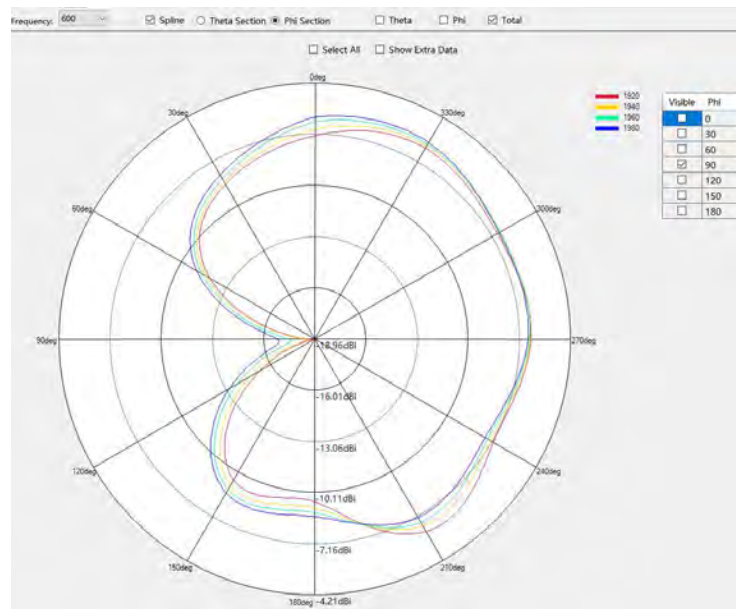
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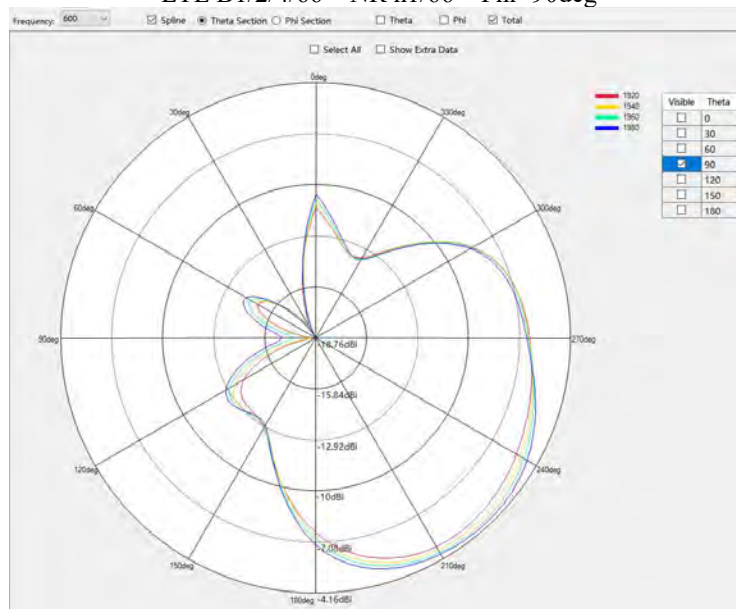
LTE B7/38/40/41 NR n7/38/40/41 Theta=90deg



LTE B1/2/4/66 NR n1/66 Phi=0deg



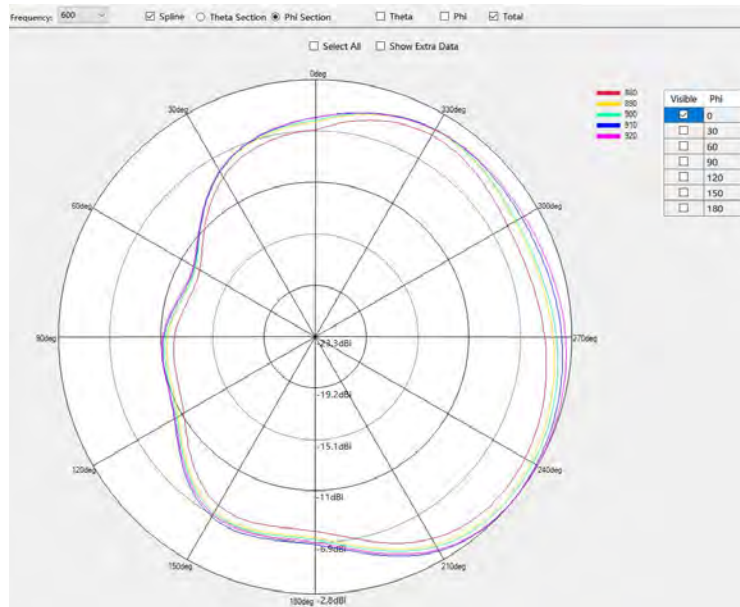
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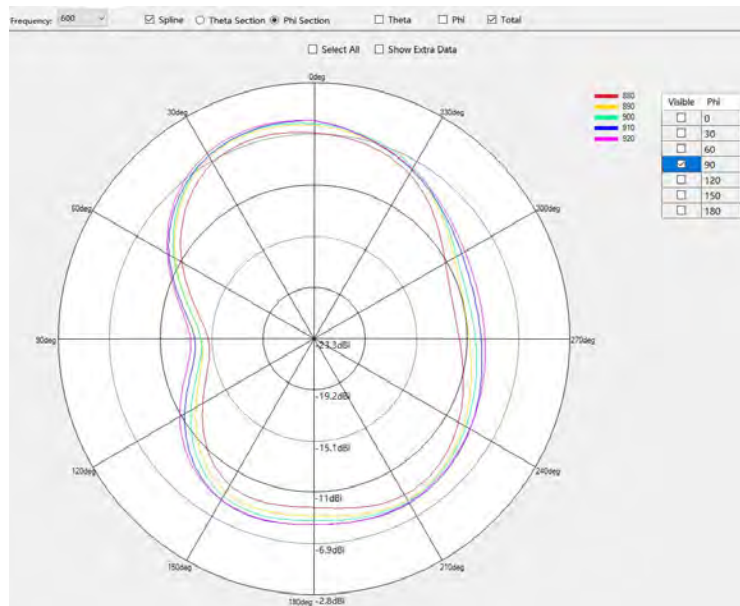
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※ Antenna Gain

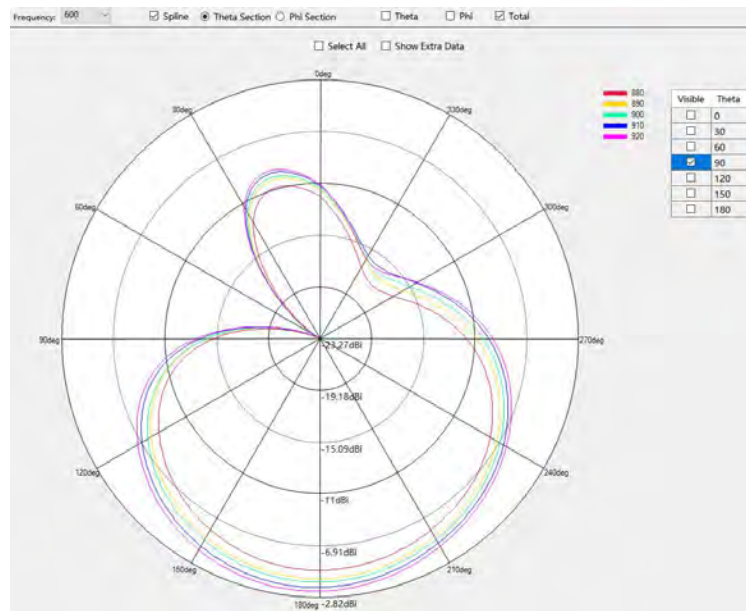
ANT4



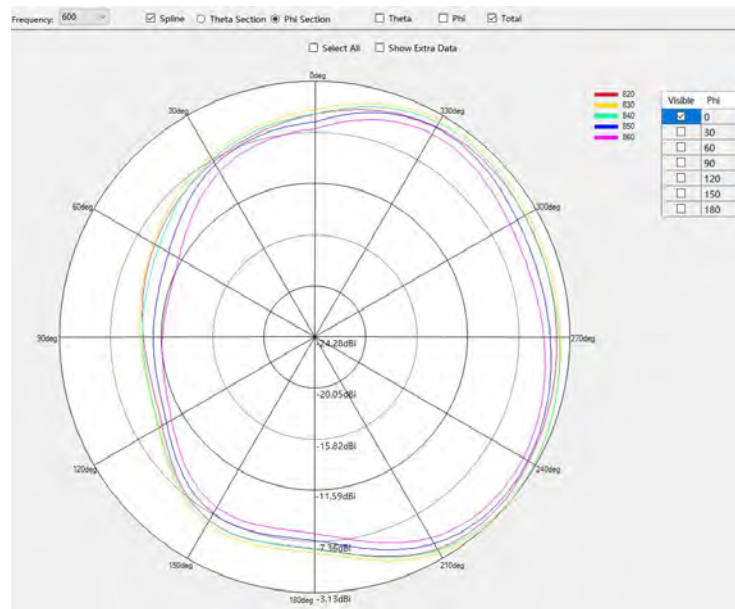
GSM900 WCDMA B8 LTE B8 NR n8 Phi=0deg



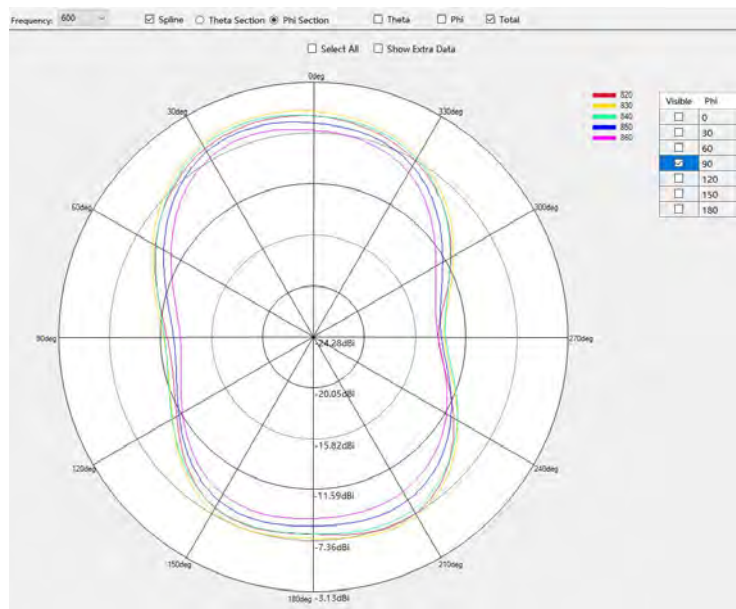
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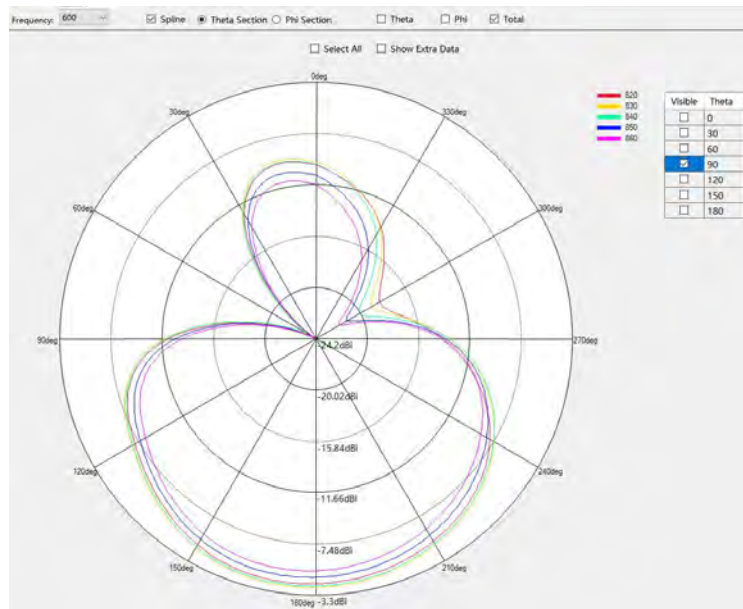
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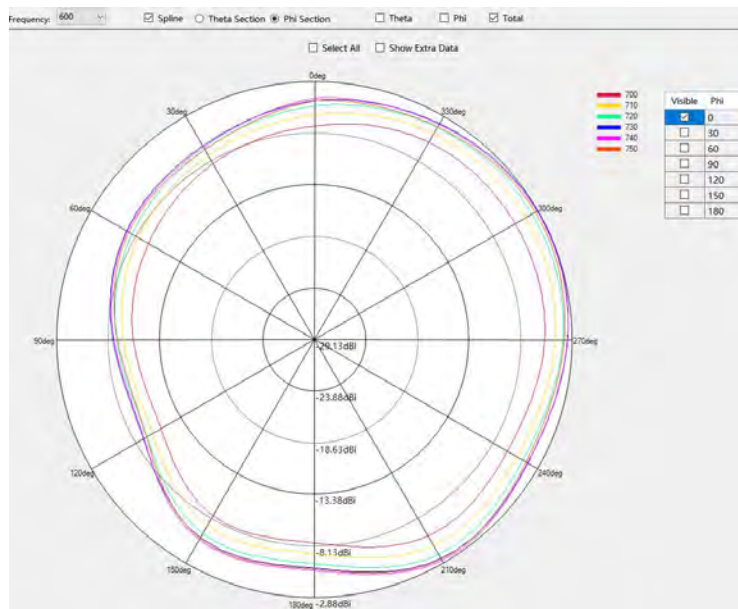
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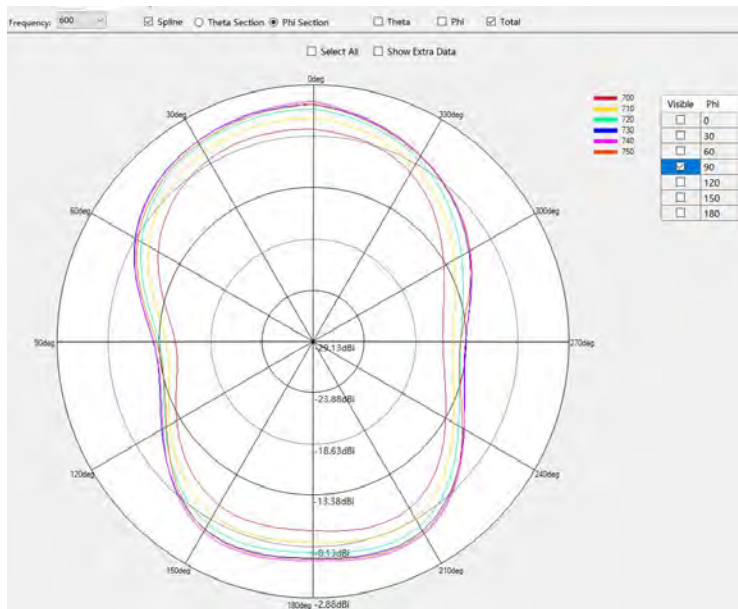
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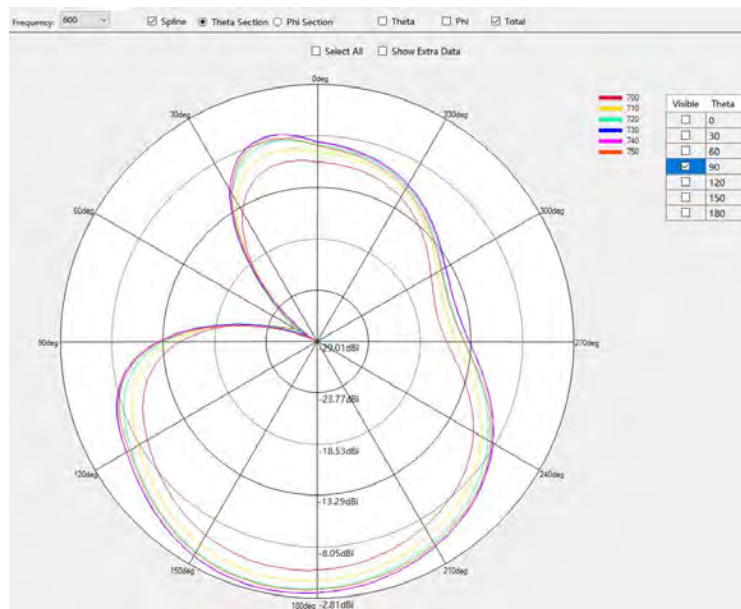
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LTE B12/17/13/28 NR n12/28 Phi=0deg



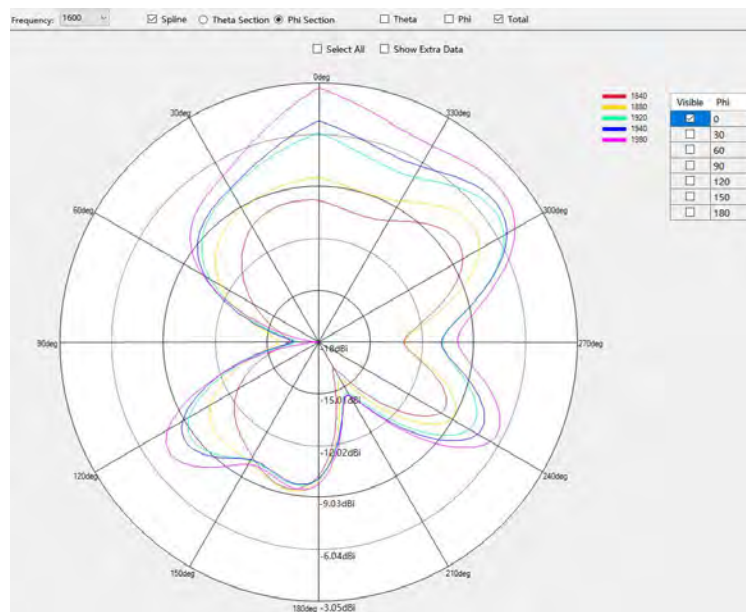
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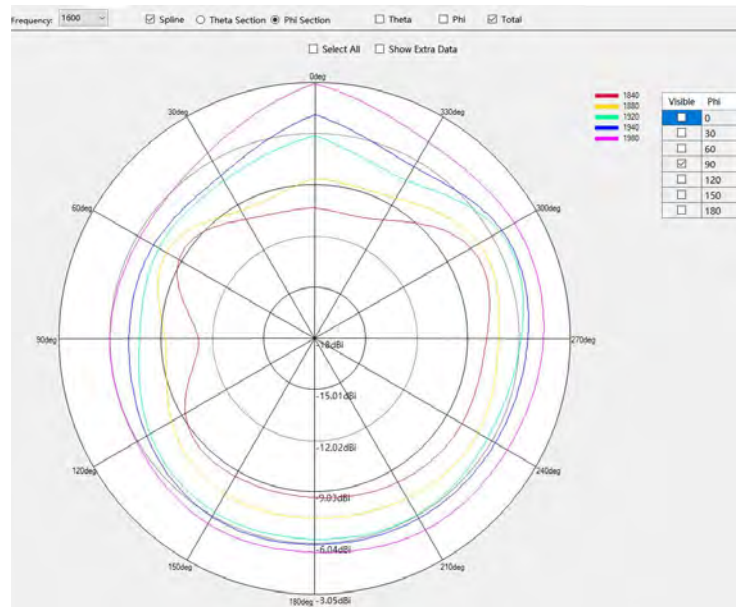
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※ Antenna Gain

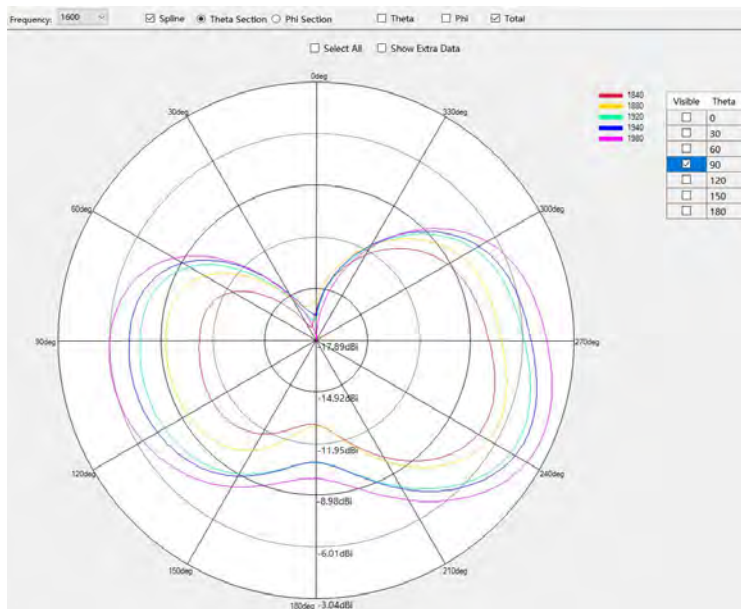
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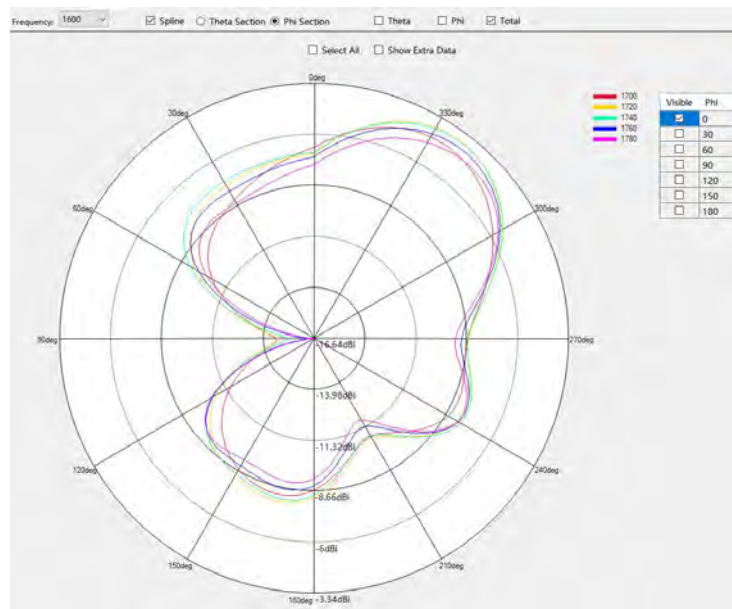
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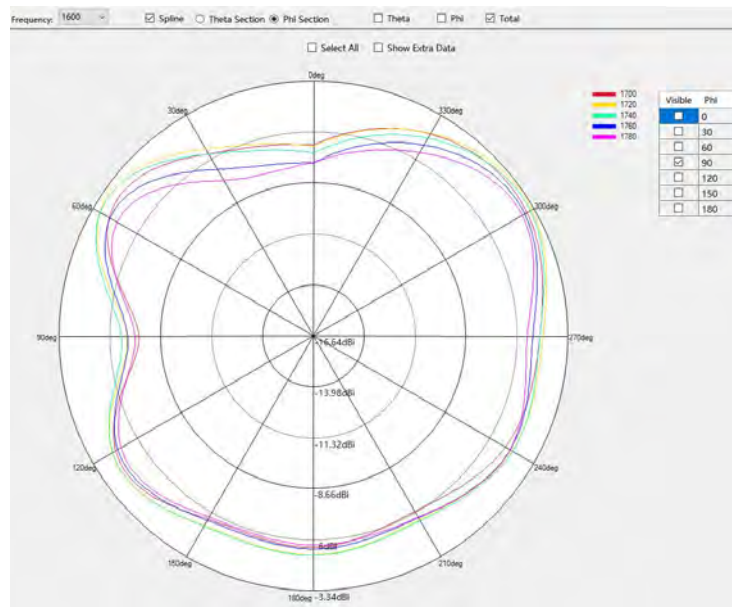
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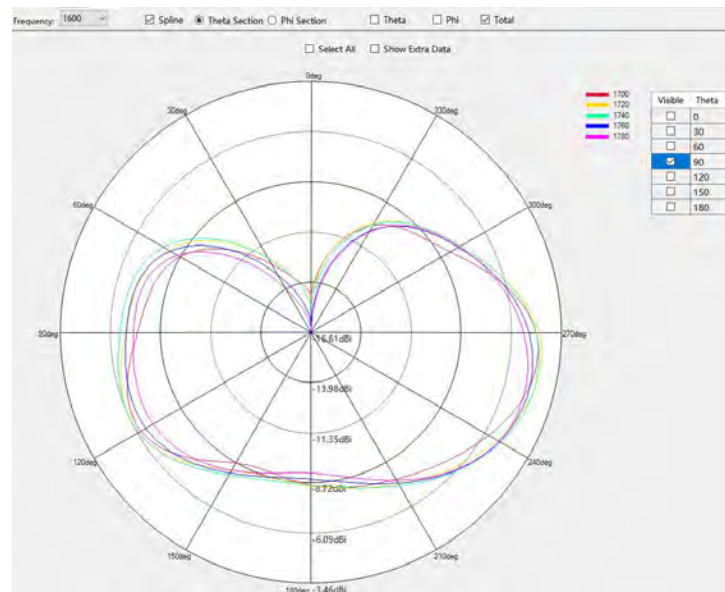
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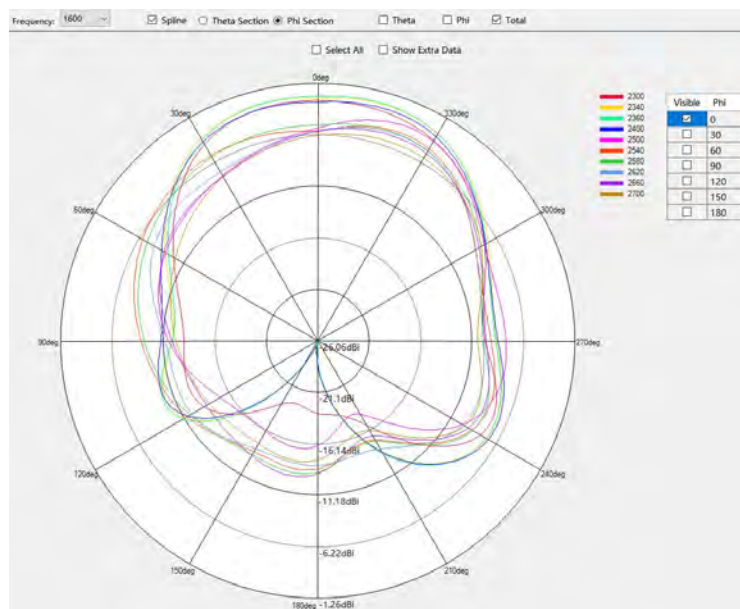
GSM1800 LTE B3 NR n3 Phi=0deg



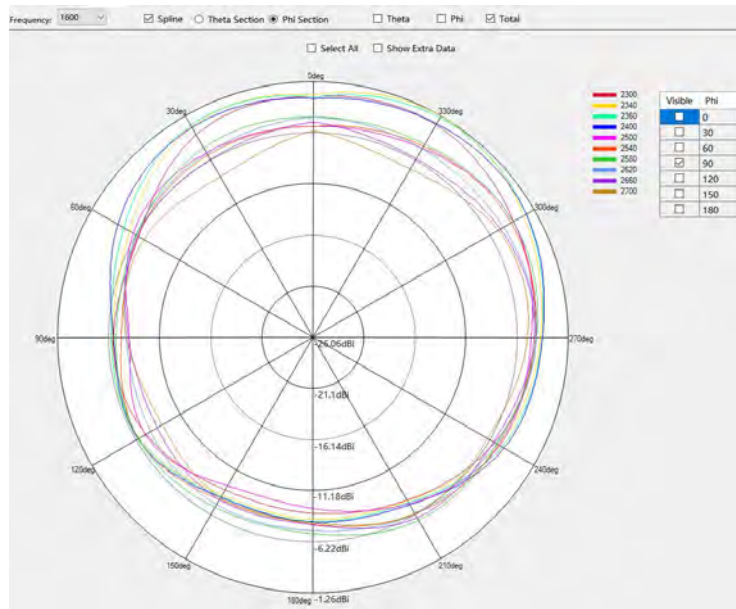
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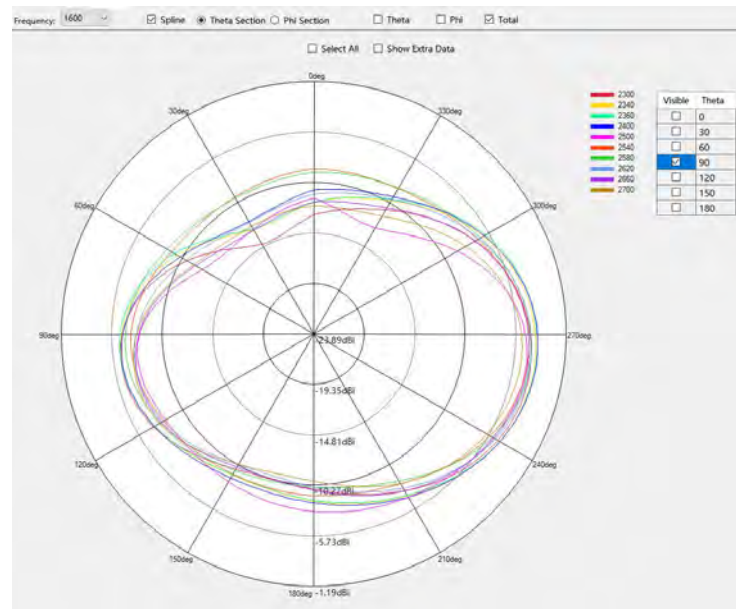
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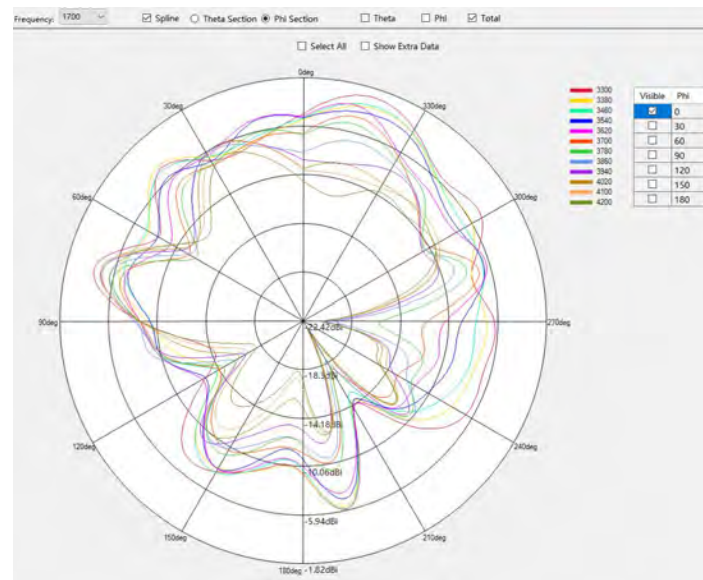
LTE B7/38/40/41 NR n7/38/40/41 Phi=0deg



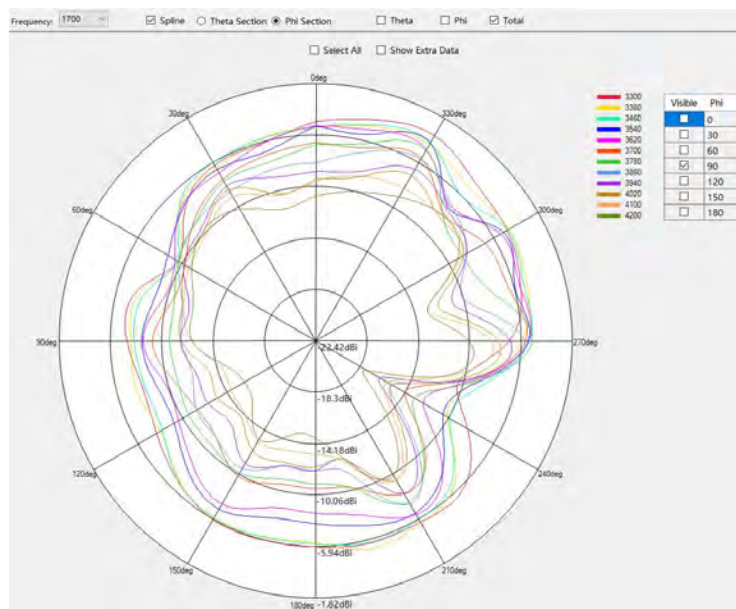
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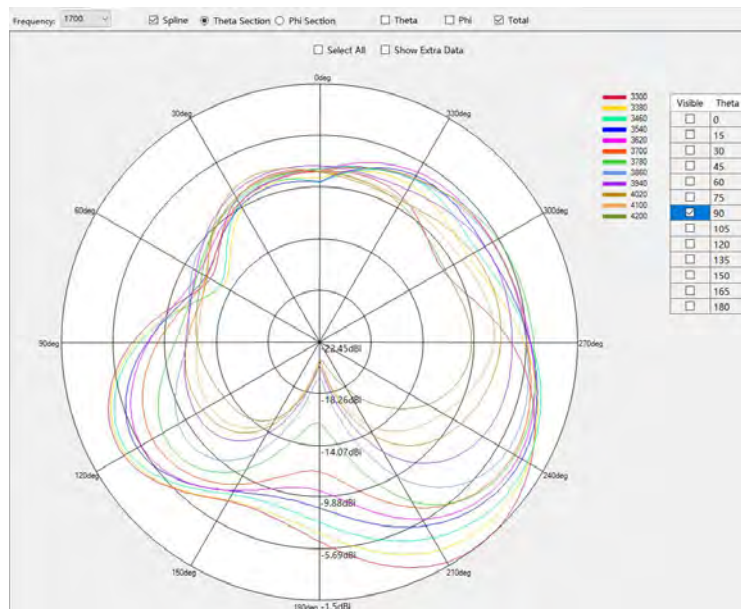
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LTE B42/ NR n77/78 Phi=0deg



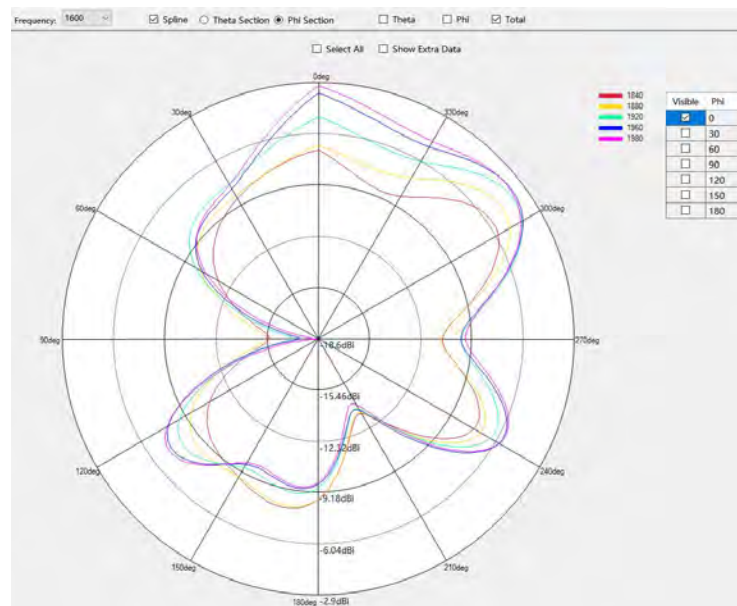
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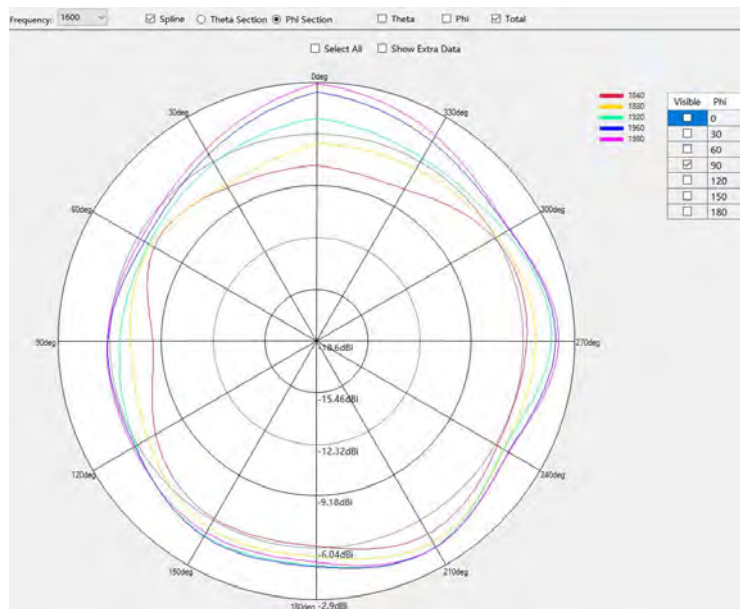
LTE B42 /NR n77/78 Theta=90deg

※ Antenna Gain

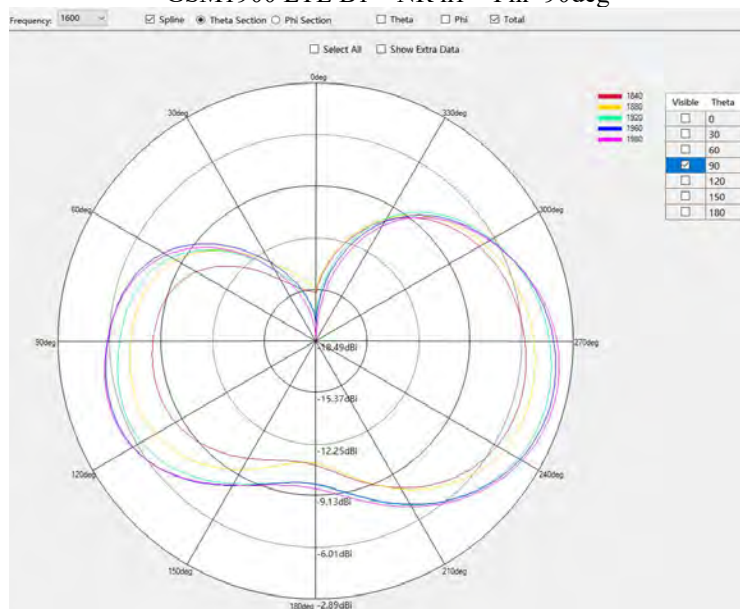
ANT6



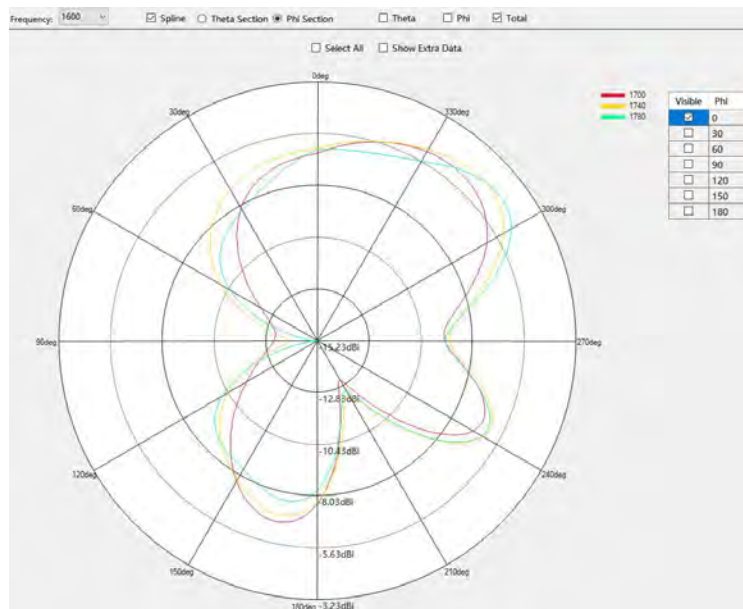
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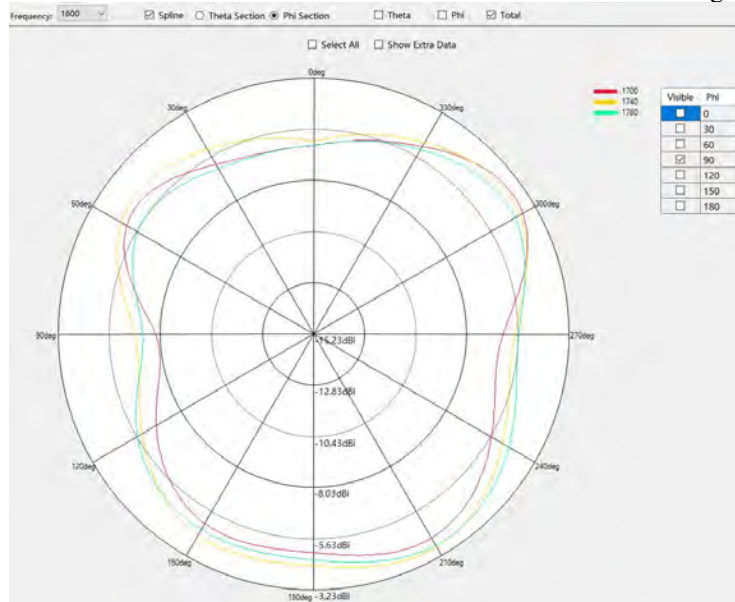
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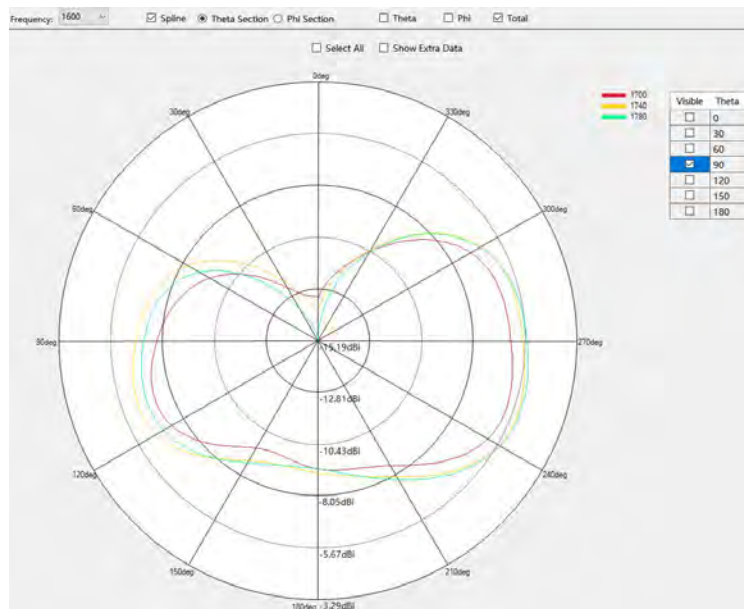
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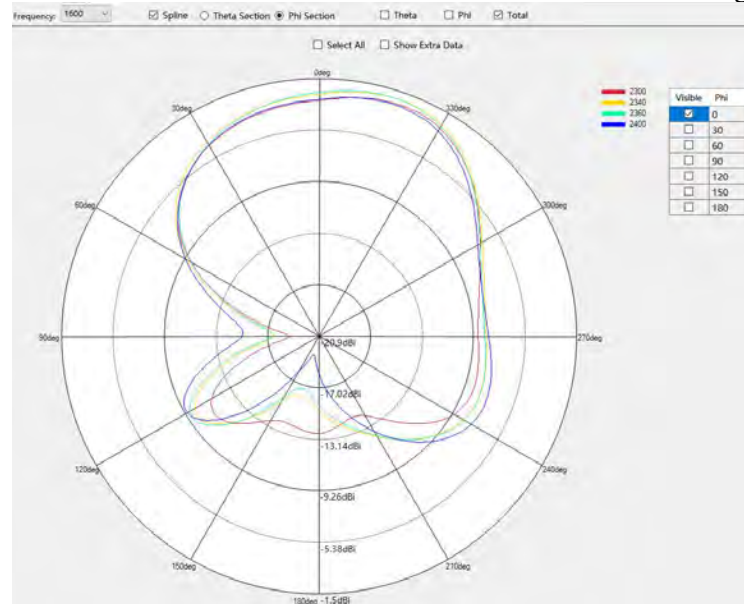
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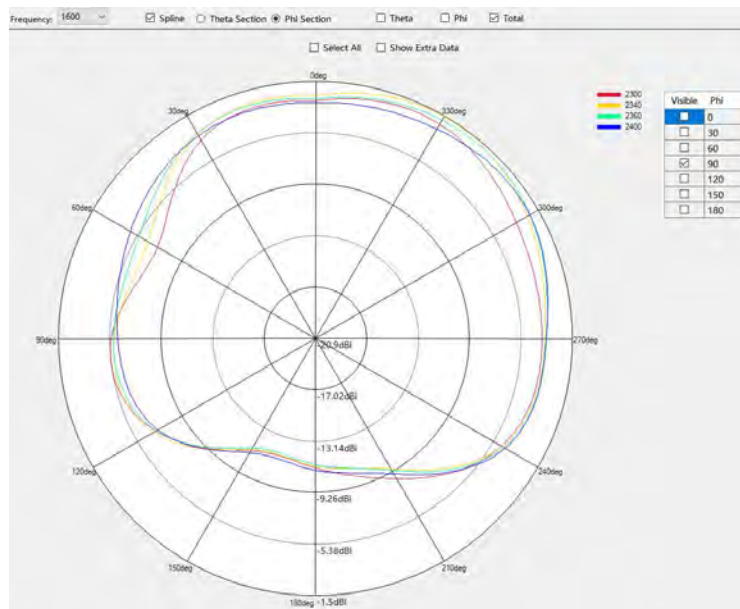
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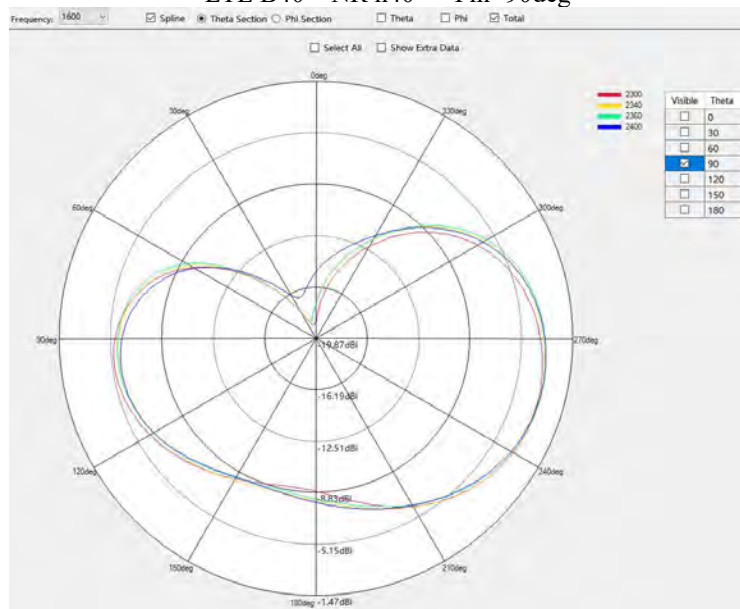
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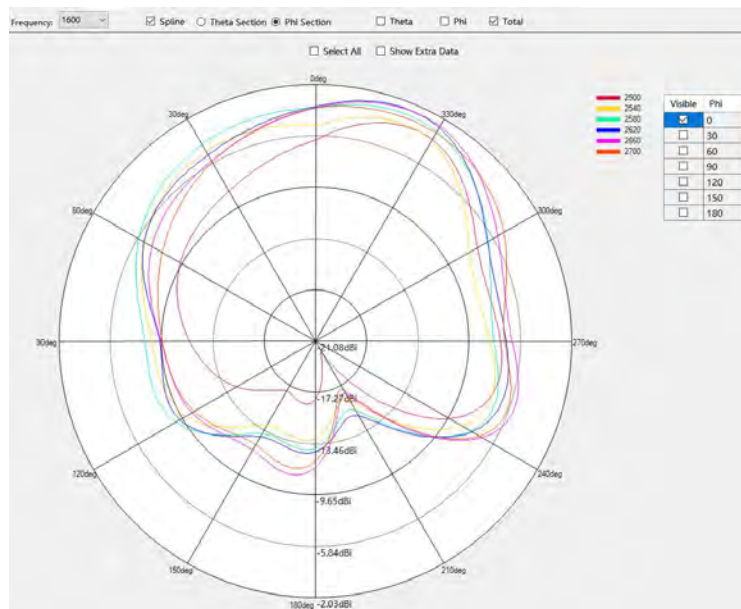
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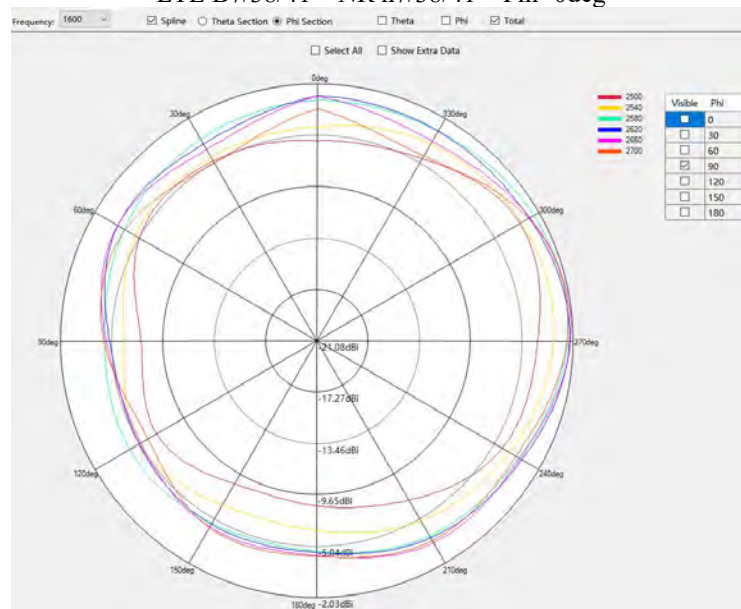
-LTE B40 NR n40- Phi=90deg



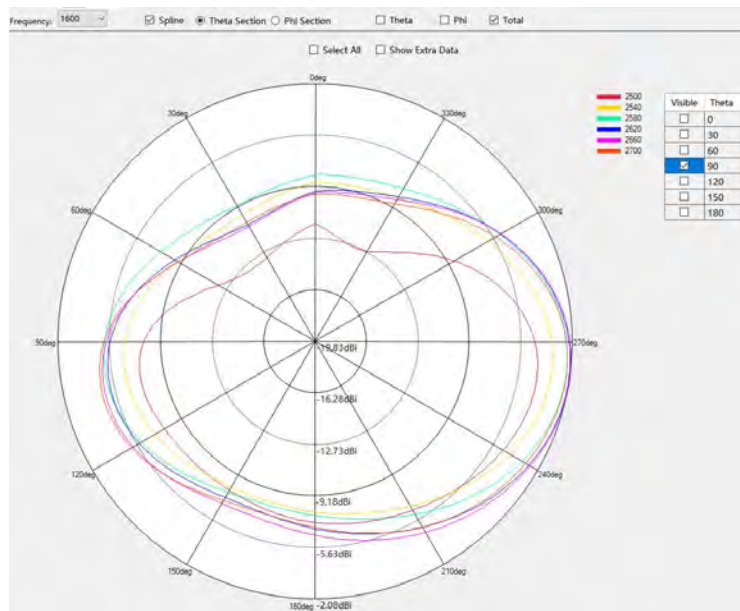
-LTE B40 NR n40- Theta=90deg



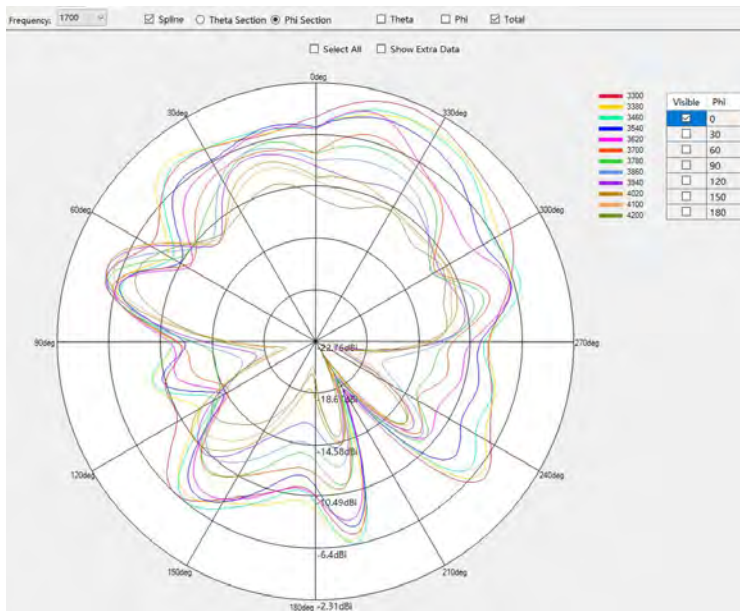
LTE B7/38/41 NR n7/38/41 Phi=0deg



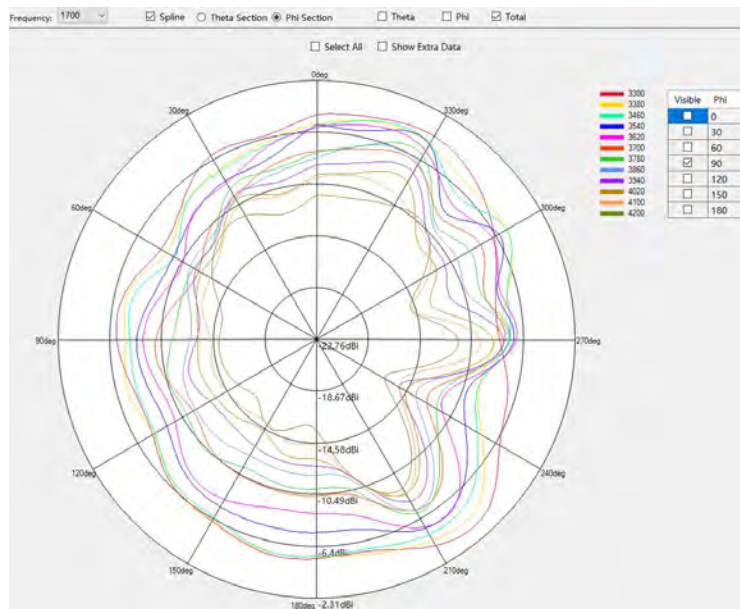
LTE B7/38/41 NR n7/38/41 Phi=90deg



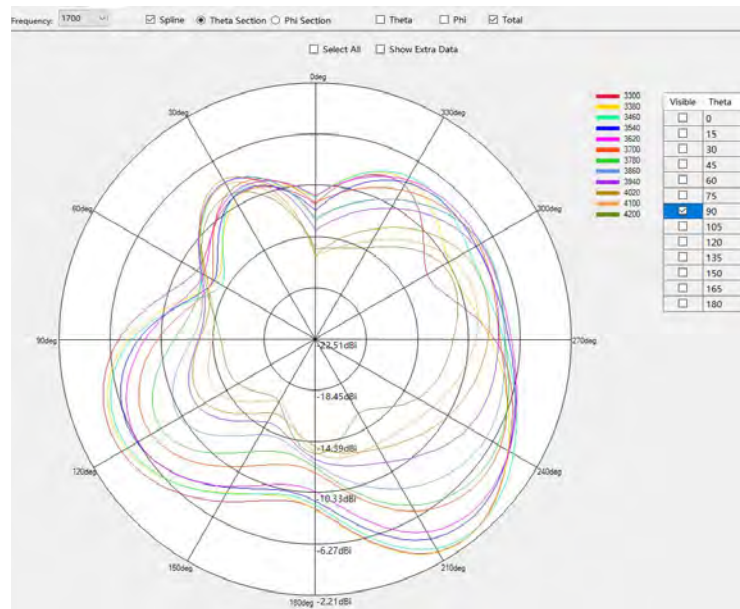
LTE B7/38/41 NR n7/38/41 Theta=90deg



LTE B42 NR n77/78 Phi=0deg



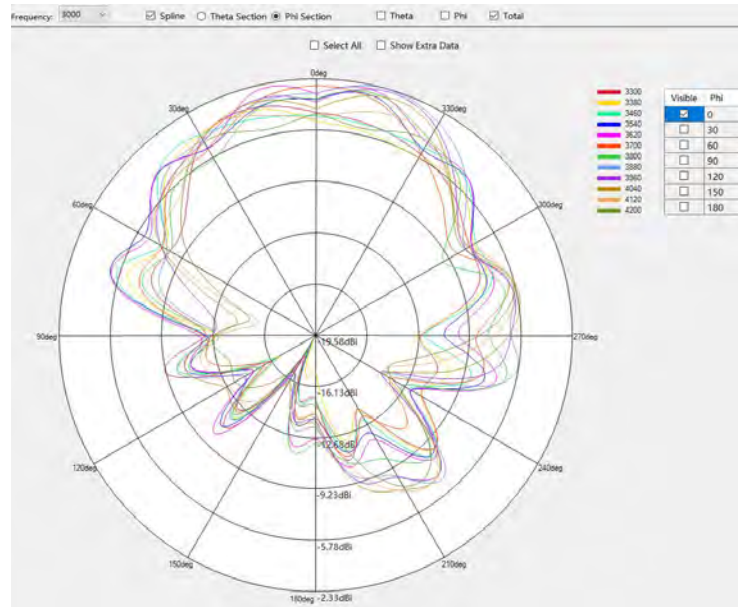
LTE B42 NR n77/78 Phi=90deg



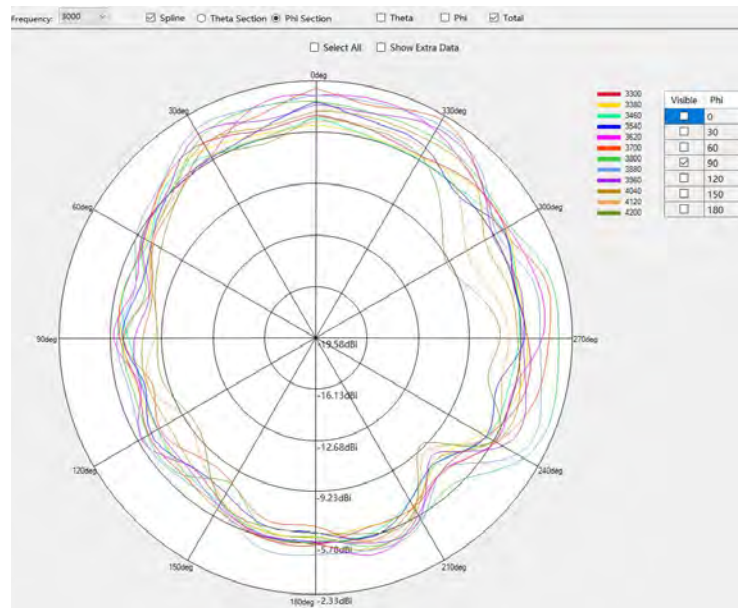
LTE B42 NR n77/78 Theta=90deg

※ Antenna Gain

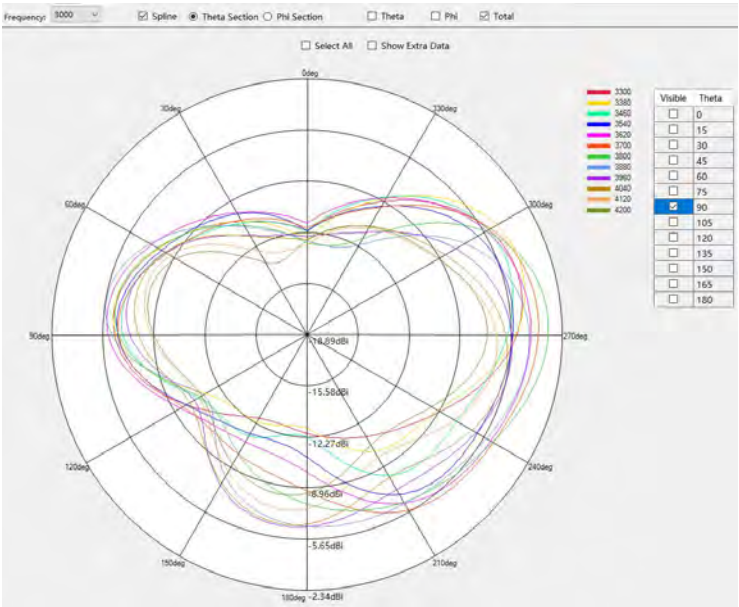
ANT7



LTE B42 NR n77/78 Phi=0deg



LTE B42 NR n77/78 Phi=90deg



LTE B42 NR n77/78 Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2025/10/22

