

Feature

- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth

Application

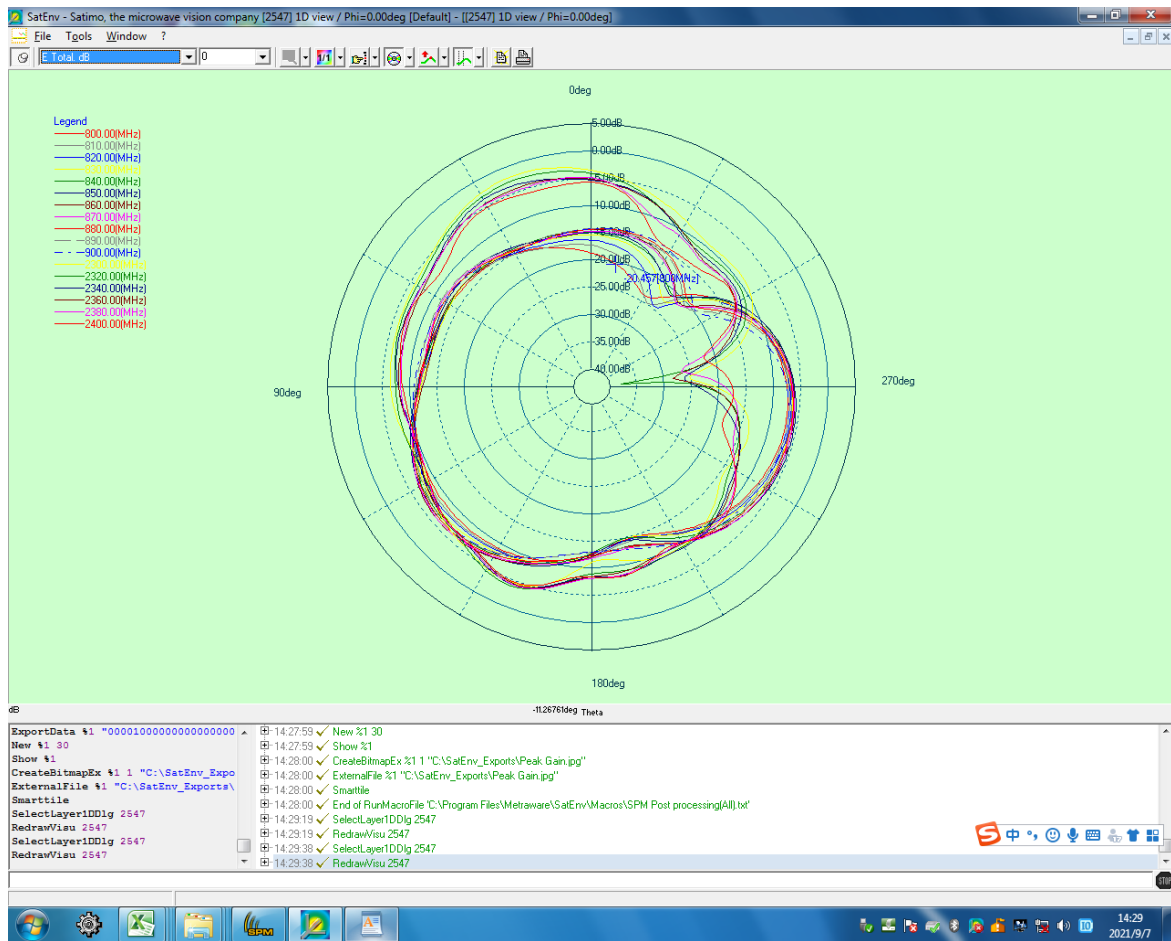
※GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41/B66
N1/N2/N3/N5/N7/N8/N20/N28/N38/N40/N41/N66/N71/N77/N78
GPS/WIFI/BT
communication applications

TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5/N5: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8/N8: 880 – 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66/N3/N66: 1710 – 1785 MHz
	PCS/WCDMA B2/LTE B2/N2:1850-1910MHz
	WCDMA B1/LTE B1/N1: 1920 – 1980MHz
	LTE B7/N7:2496-2565MHz
	LTE B40/N40:2300-2400MHz
	LTE B38/B41/N40/N41:2565-2645MHz
	LTE B20/N20:832-862MHz
	LTE B28/N28/:710-755MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5/N5: 869 – 894 MHz
	GSM 900/WCDMA B8/LTE B8/N8: 925 – 960 MHz
	DCS/LTE B3/B66/N3/N66: 1805 – 1880 MHz
	WCDMA 4/LTE B4: 2110-2155 MHz
	PCS/WCDMA B2/LTE B2/N2:1930-1990MHz
	WCDMA B1/LTE B1/N1: 2110 – 2170MHz
	LTE B7/N7:2620-2690MHz

	LTE B40/N40:2300-2400MHz
	LTE B38/41/N38/N41:2565-2645MHz
	LTE B20/N20:791-821MHz
	LTE B28/N28:758-803MHz
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/B66: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE B5/N5: -4.33
	GSM 900/WCDMA B8/LTE B8/N8: -4.19
	DCS/WCDMA B4/ LTE B3/B4/B66/N3/N66: -1.1
	PCS/WCDMA B2/LTE B2/N2: -1.3
	WCDMA B1/LTE B1/N1: -1.21
	LTE B7/B38/B41/N7/N38/N41: -0.5
	LTE B40/N40: -0.8
	LTE B20/N20: -4.25
	LTE B28/N28: -4.7
	N71:-4.93dBi
4in1 Antenna Gain (Peak Gain)	GPS:-0.06
	BT&WIFI 2.4G:0.91 5G: -0.2
WIFI MIMO Antenna Gain (Peak Gain)	WIFI 2.4G:1.2 5G: -0.8
SUB 6G PRX Antenna Gain (Peak Gain)	N1:-0.86dBi N2:-0.77dBi N3/66:-0.55dBi N77/N78:-2.71dBi
SUB 6G DRX1 Antenna Gain (Peak Gain)	N40:-0.75dBi N7/38/41:-0.4dBi N77/N78:0.5dBi
SUB 6G DRX2 Antenna Gain (Peak Gain)	N1:-0.64dBi N2:-0.68dBi N3/66:-0.43dBi N40:-0.71dBi N7/38/41:-0.38dBi N77/N78:-0.3dBi
SUB 6G DRX3 Antenna Gain (Peak Gain)	N77/N78:0.3dBi
Type of Modulation	

※ Antenna Gain

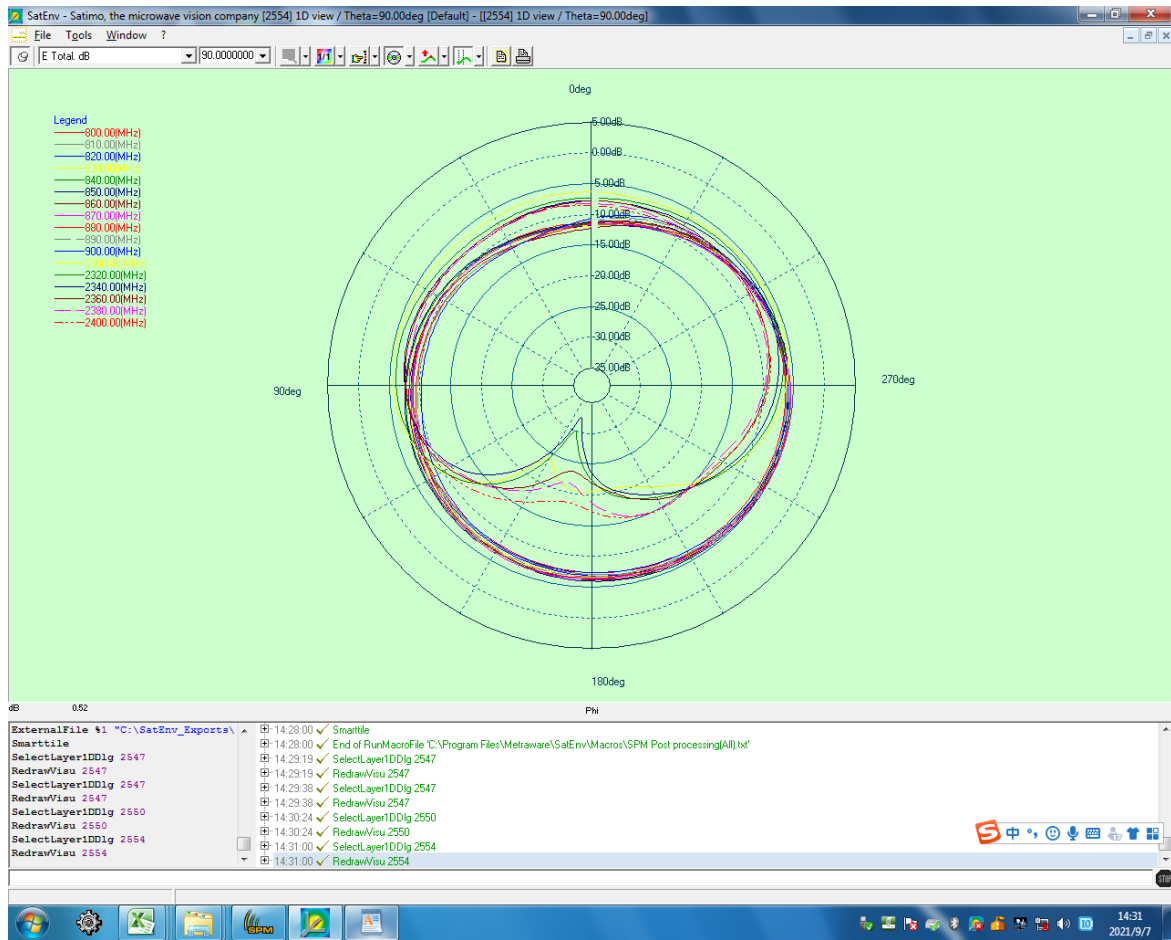
4G Main Antenna



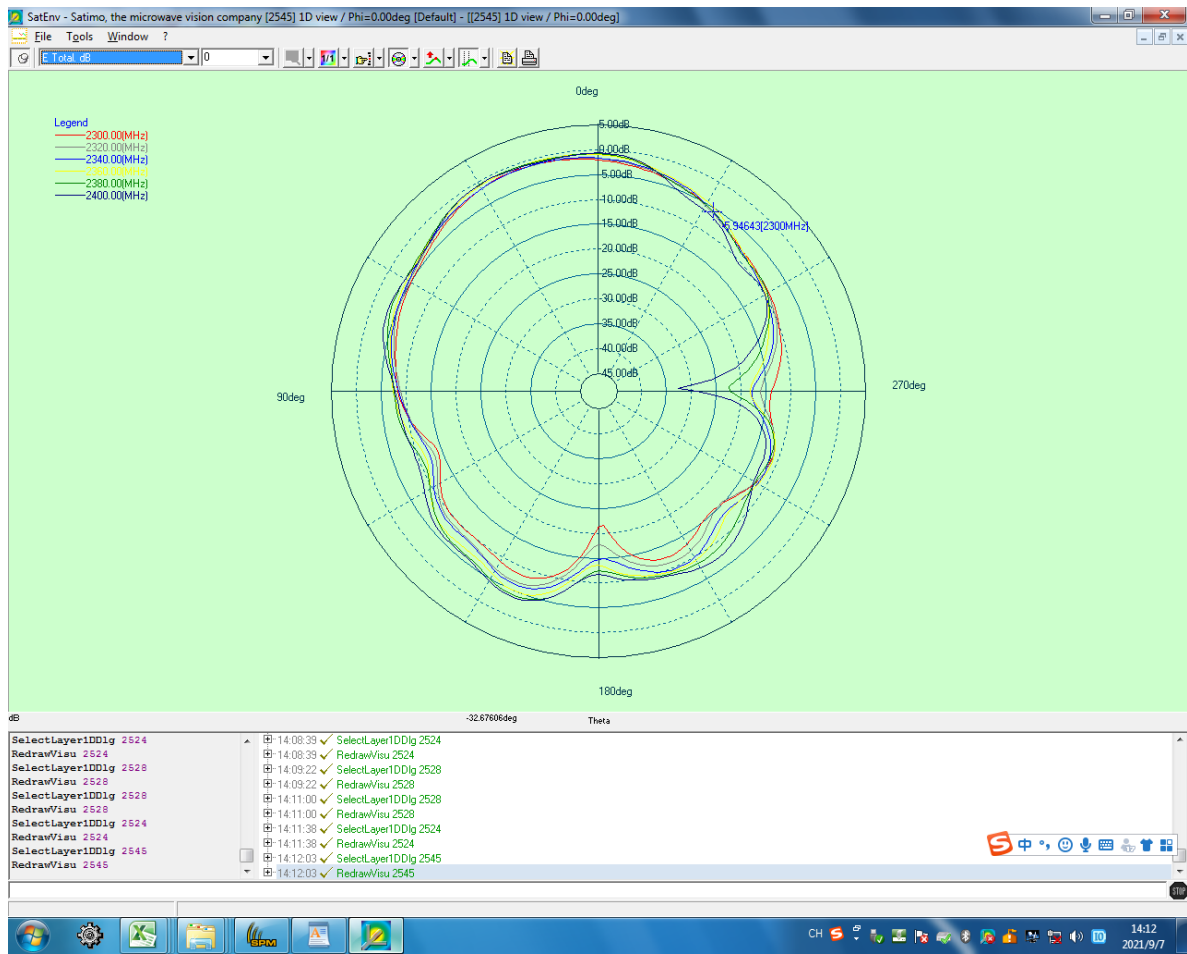
GSM850 / WCDMA B5 / LTE B5/B20 / N5/N20 Phi=0deg



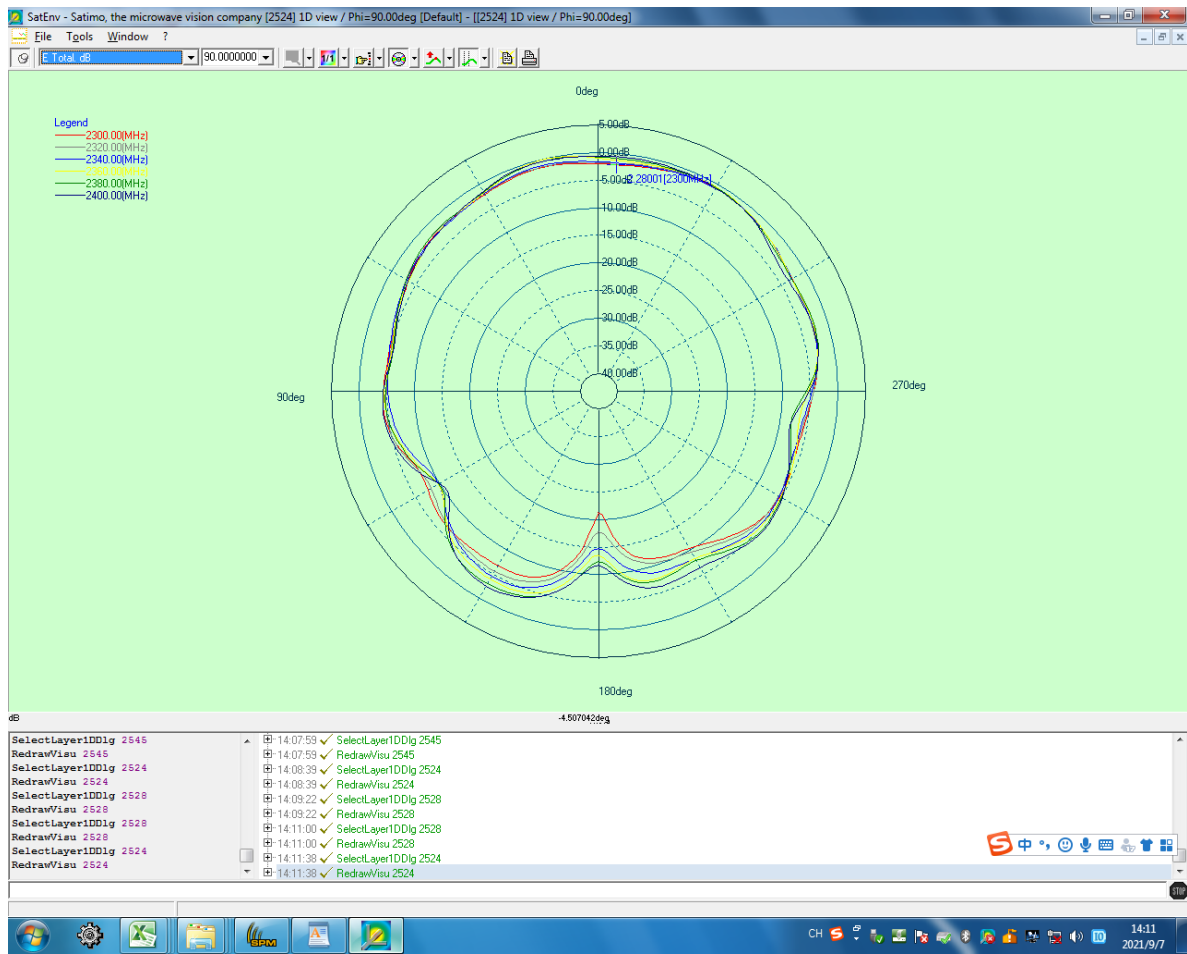
GSM850 / WCDMA B5 / LTE B5/B20 / N5/N20 Phi=90deg



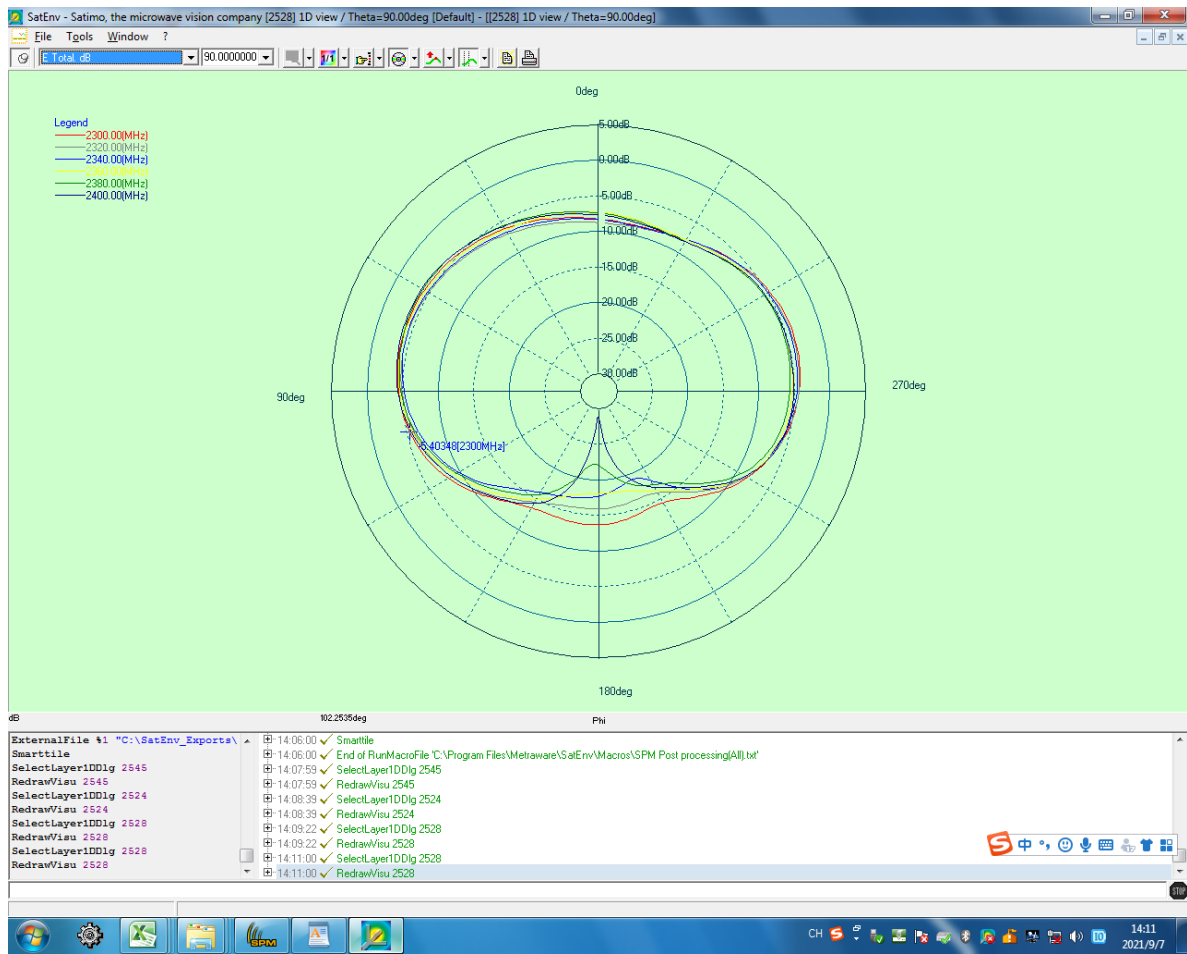
GSM850 / WCDMA B5 / LTE B5/B20 / N5/N20 Theta=90deg



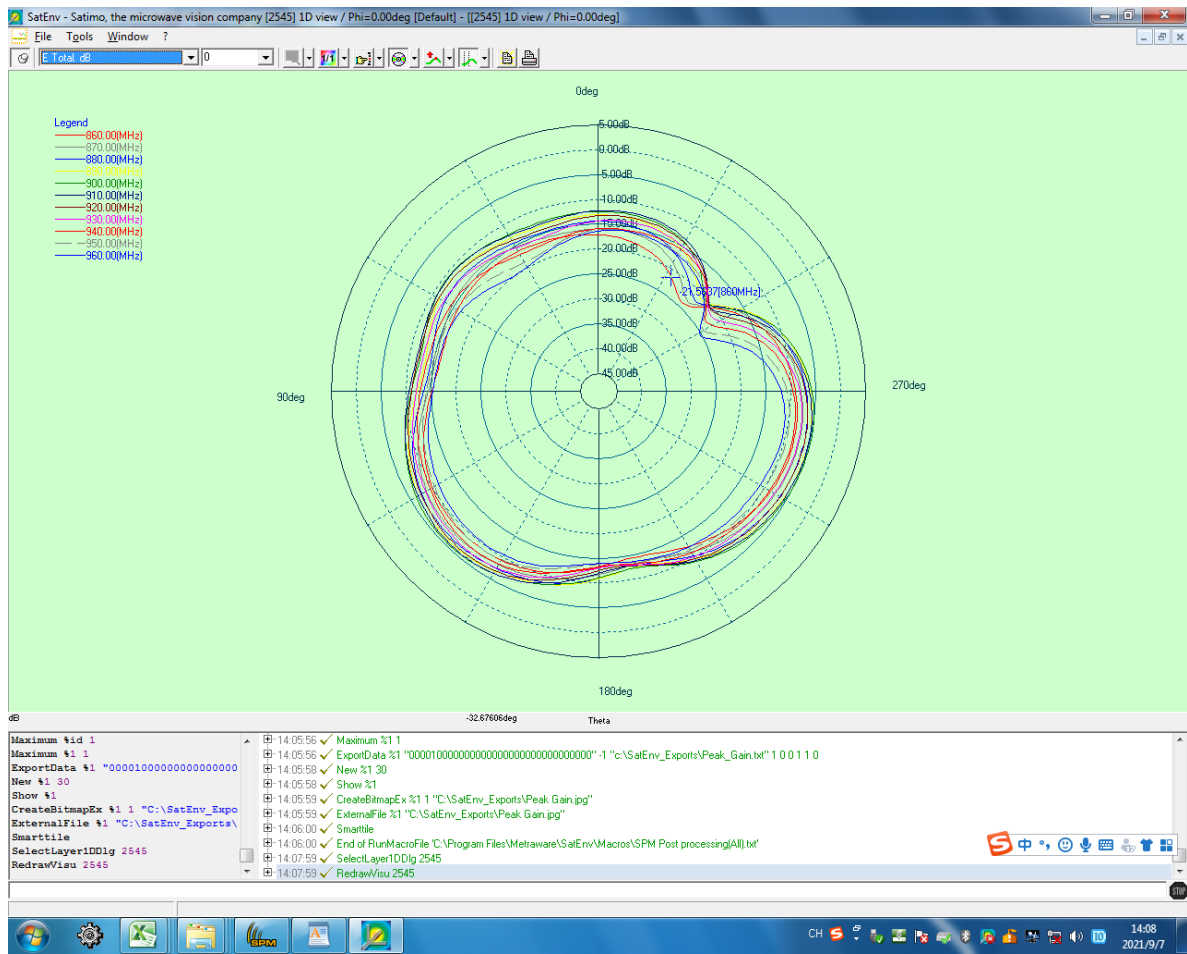
LTE B40 / N40 Phi=0deg



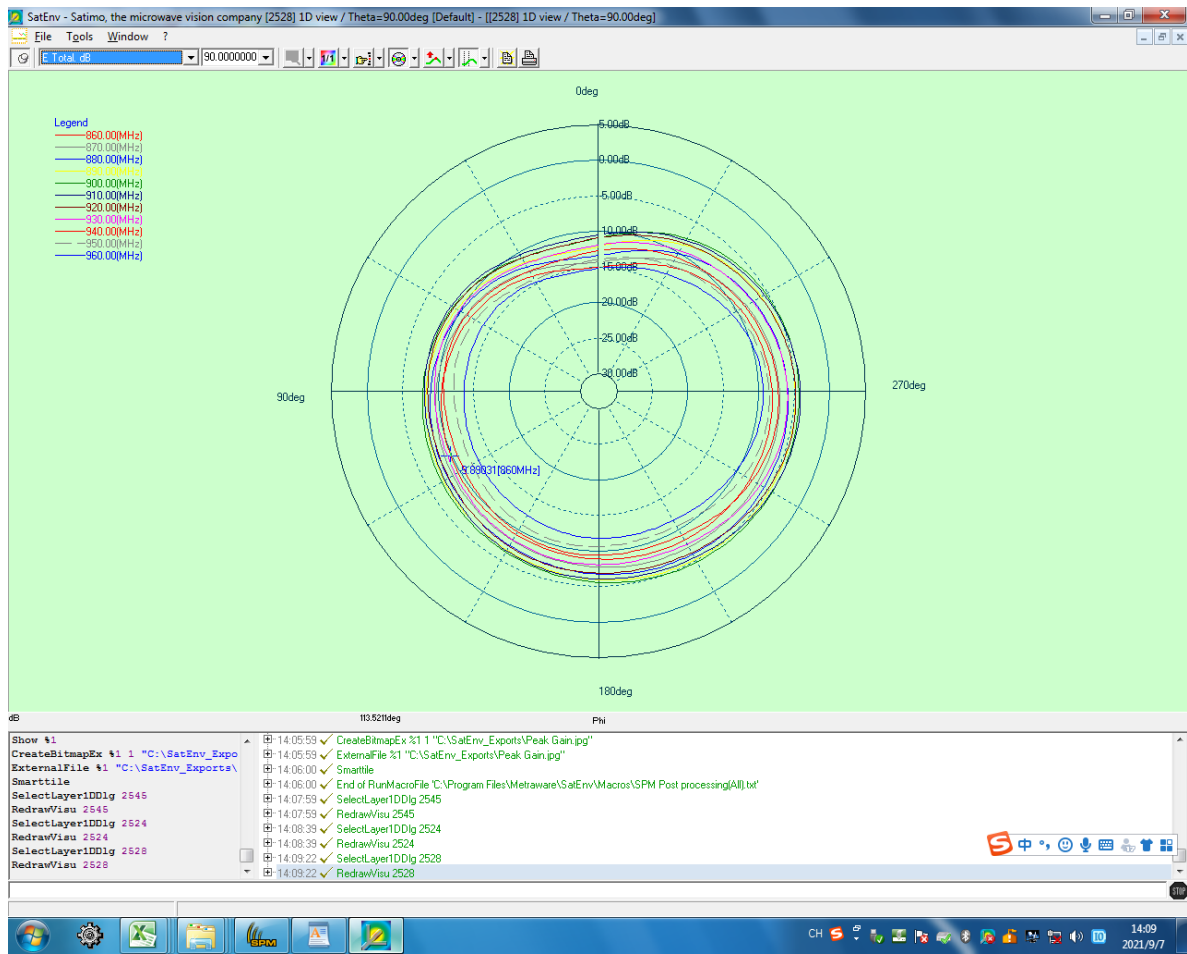
LTE B40 / N40 Phi=90deg



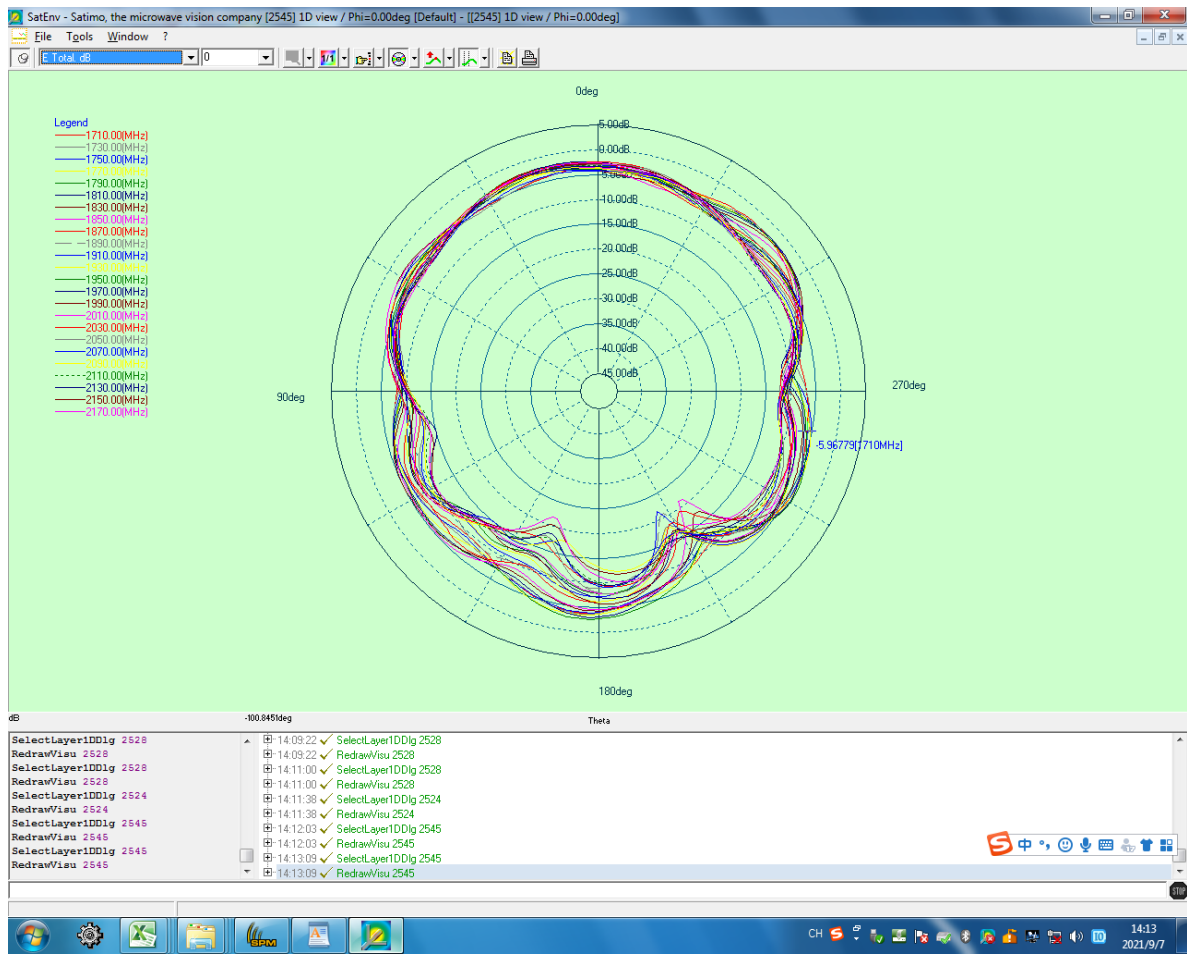
LTE B40 / N40 Theta=90deg



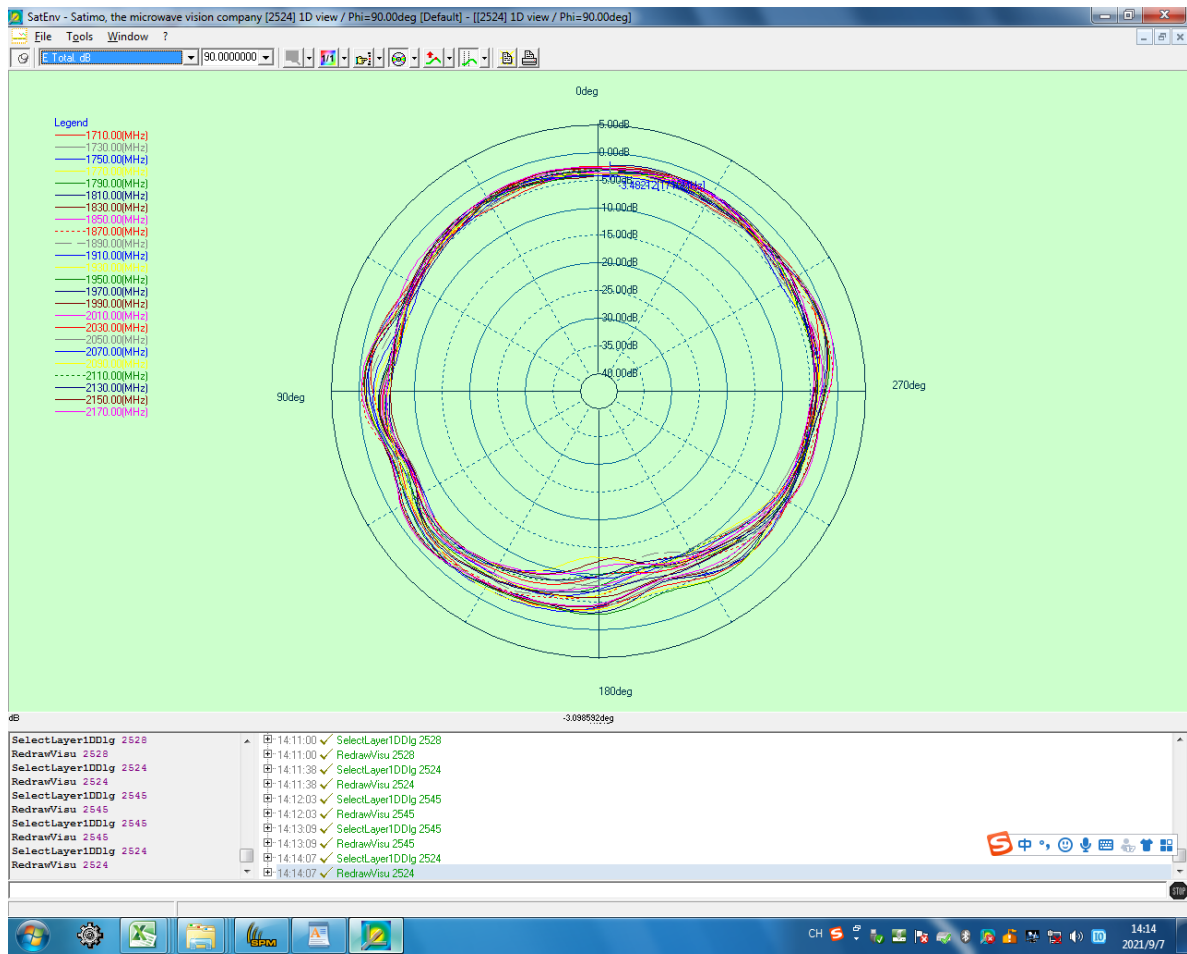
GSM900 / WCDMA B8 / LTE B8 / N8 Phi=0deg



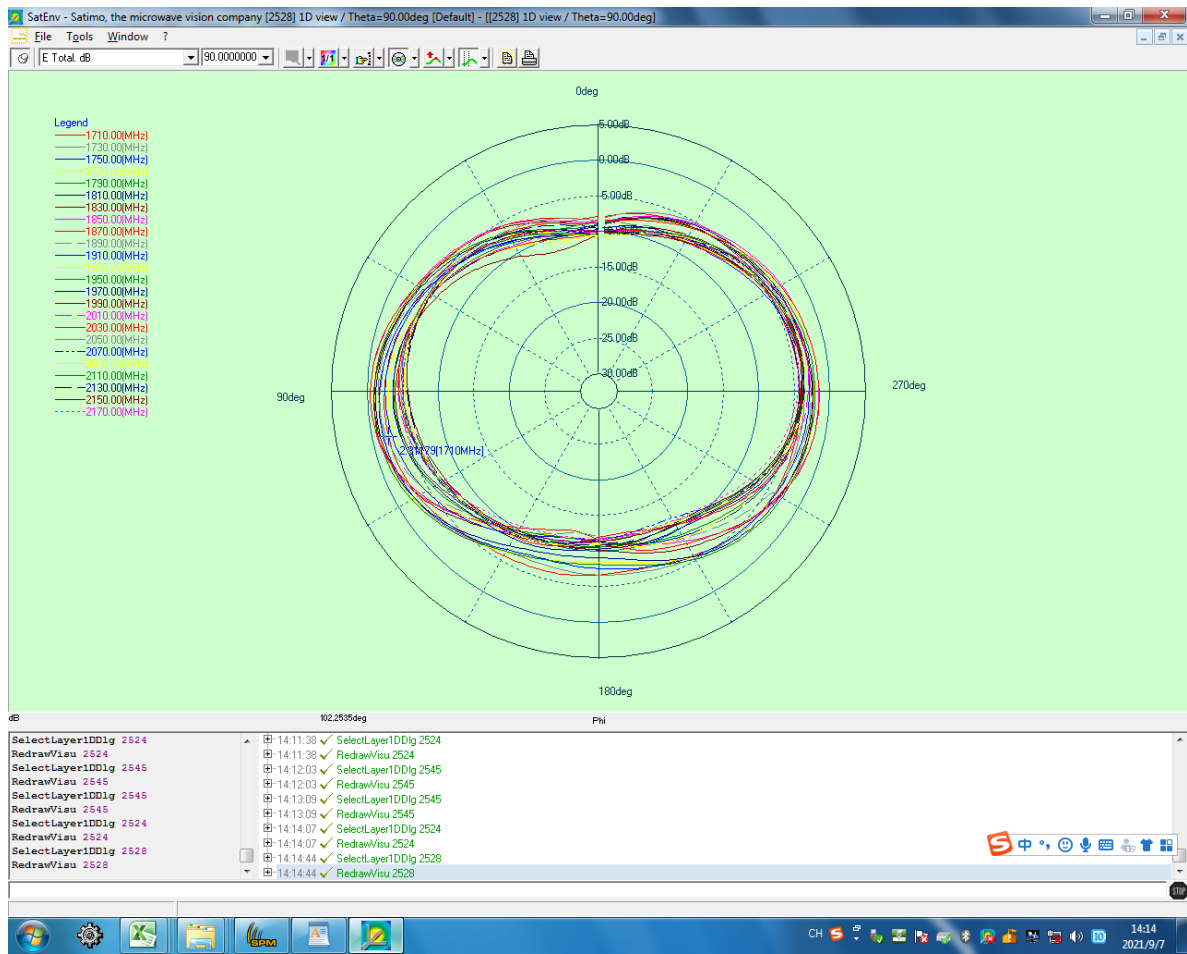
GSM900 / WCDMA B8 / LTE B8 / N8 Theta=90deg



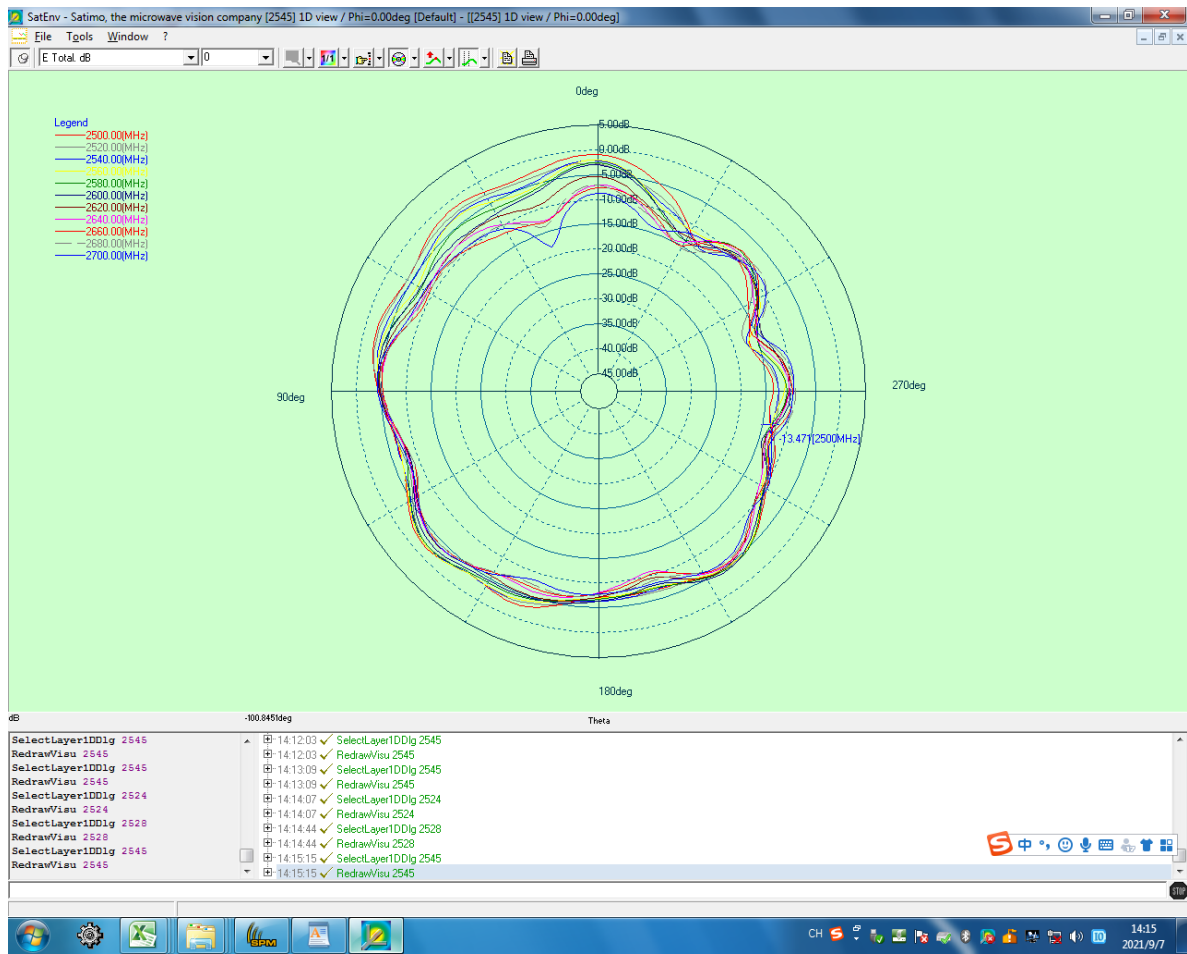
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 /N1/N2/N3 Phi=0deg



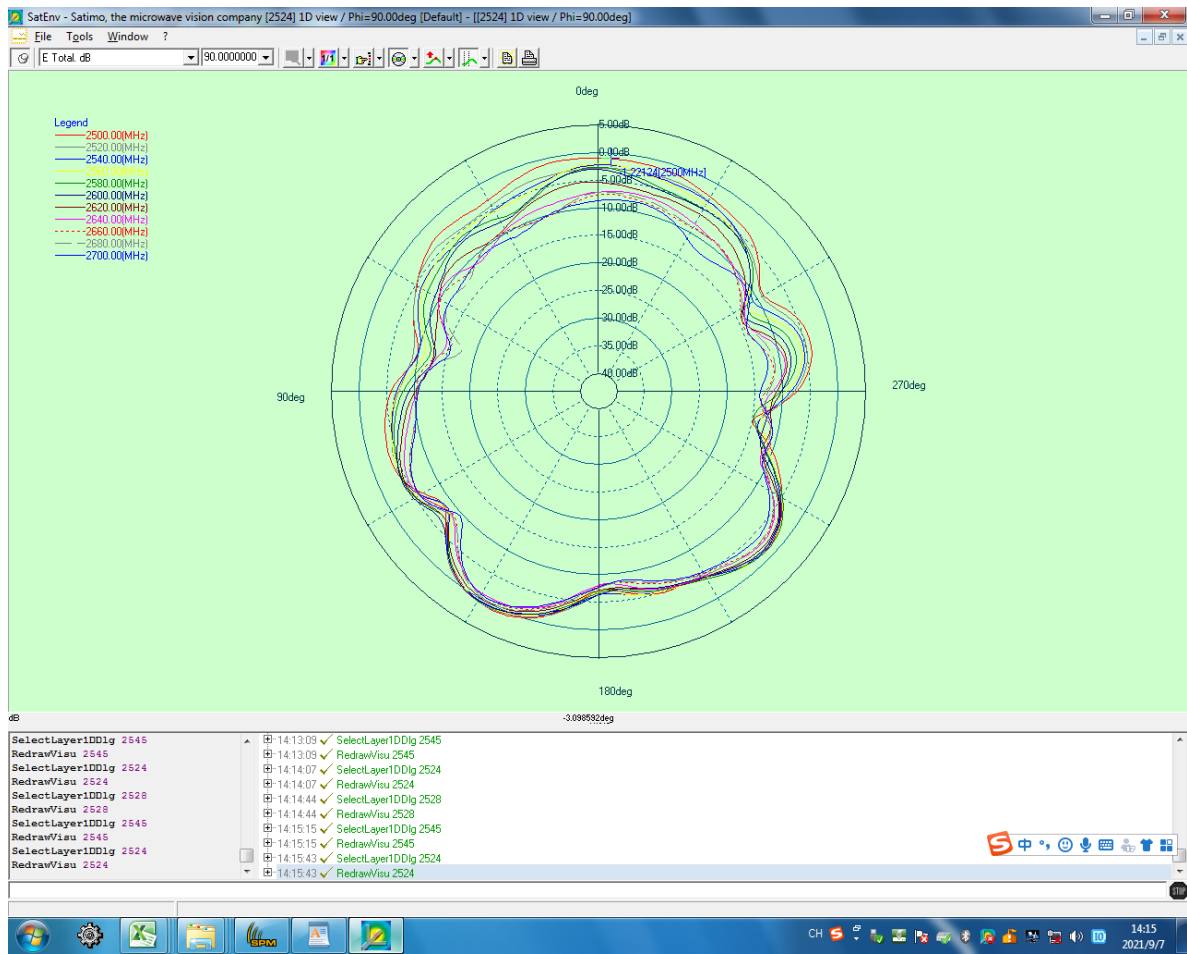
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 /N1/N2/N3 Phi=90deg



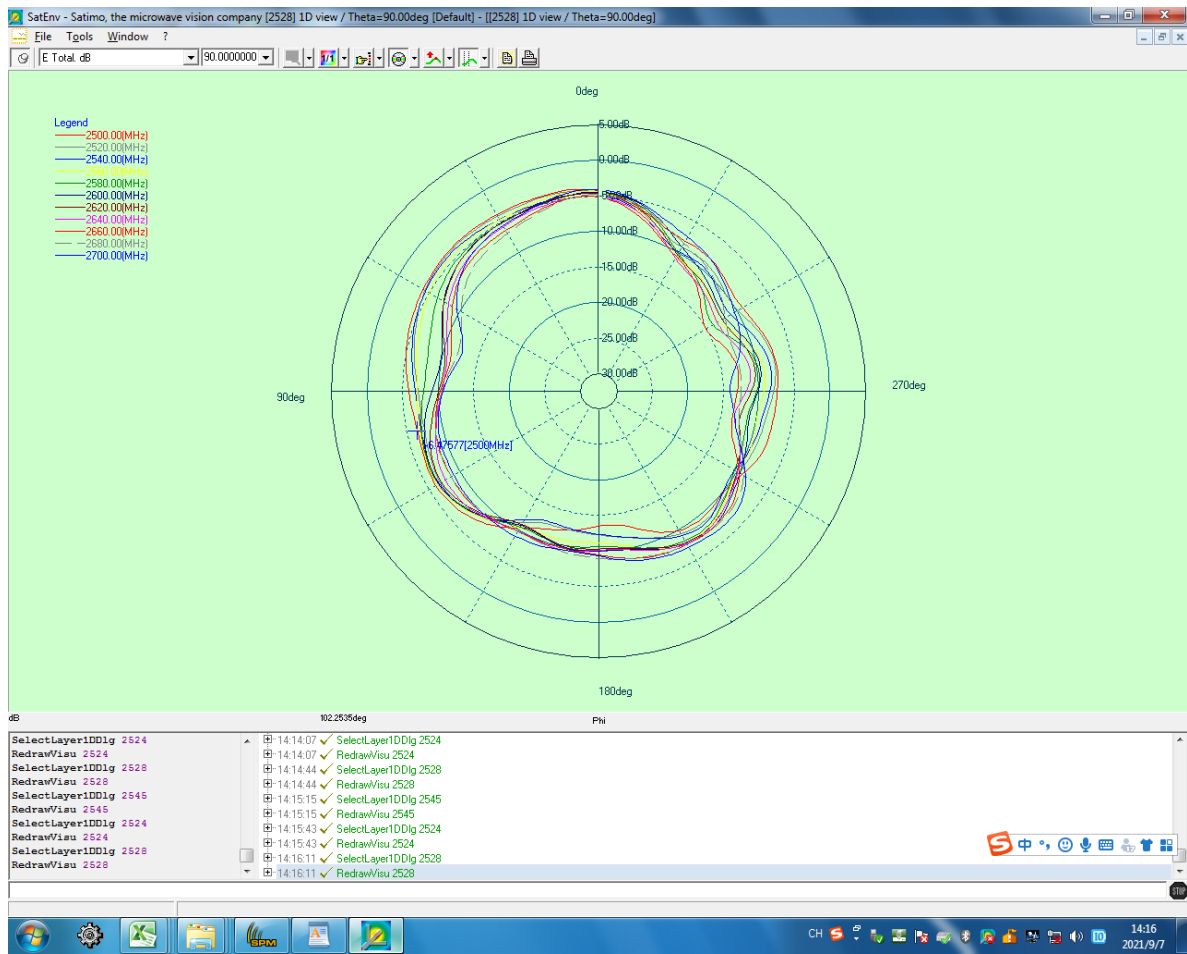
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 /N1/N2/N3 Theta=90deg



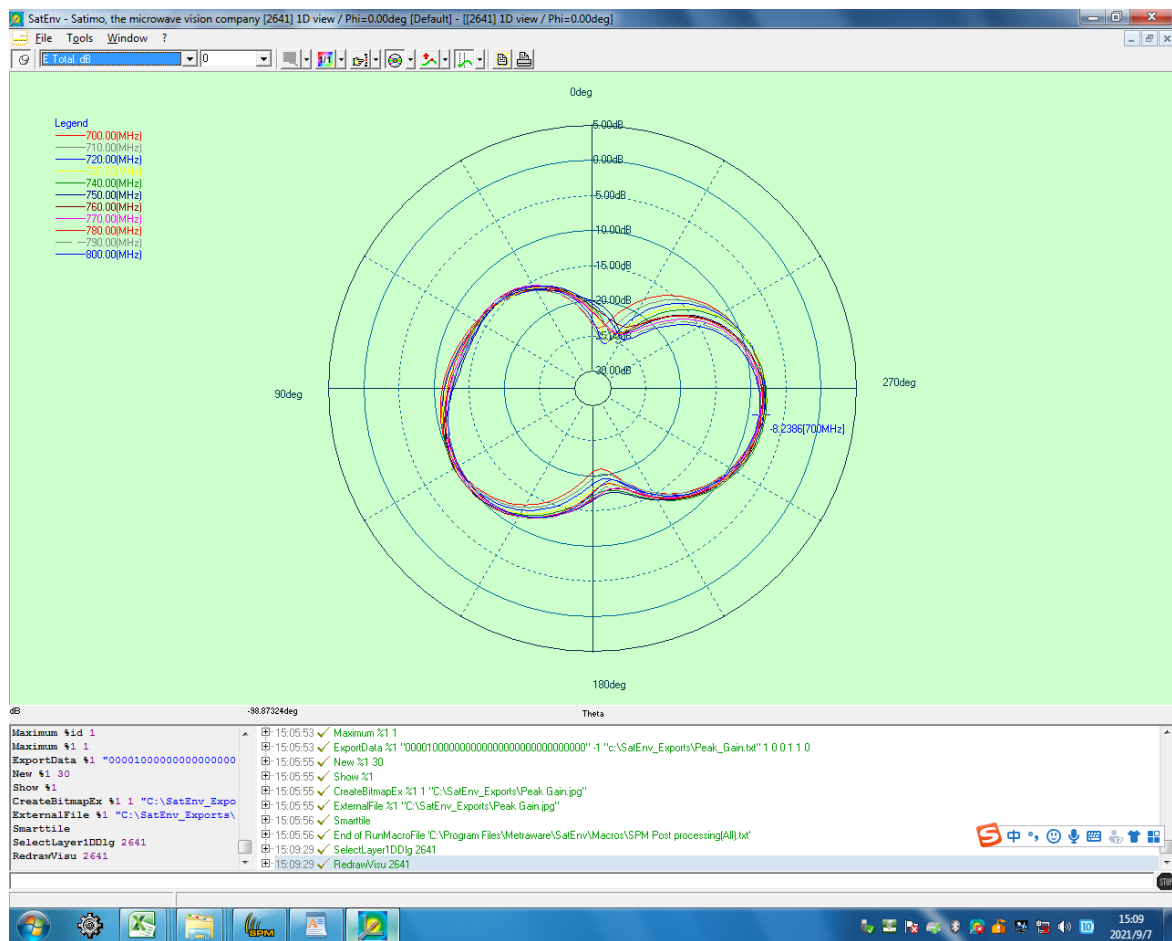
LTE B7/B38/41/N7/N38/N41 Phi=0deg



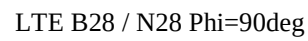
LTE B7/B38/41/N7/N38/N41 Phi=90deg



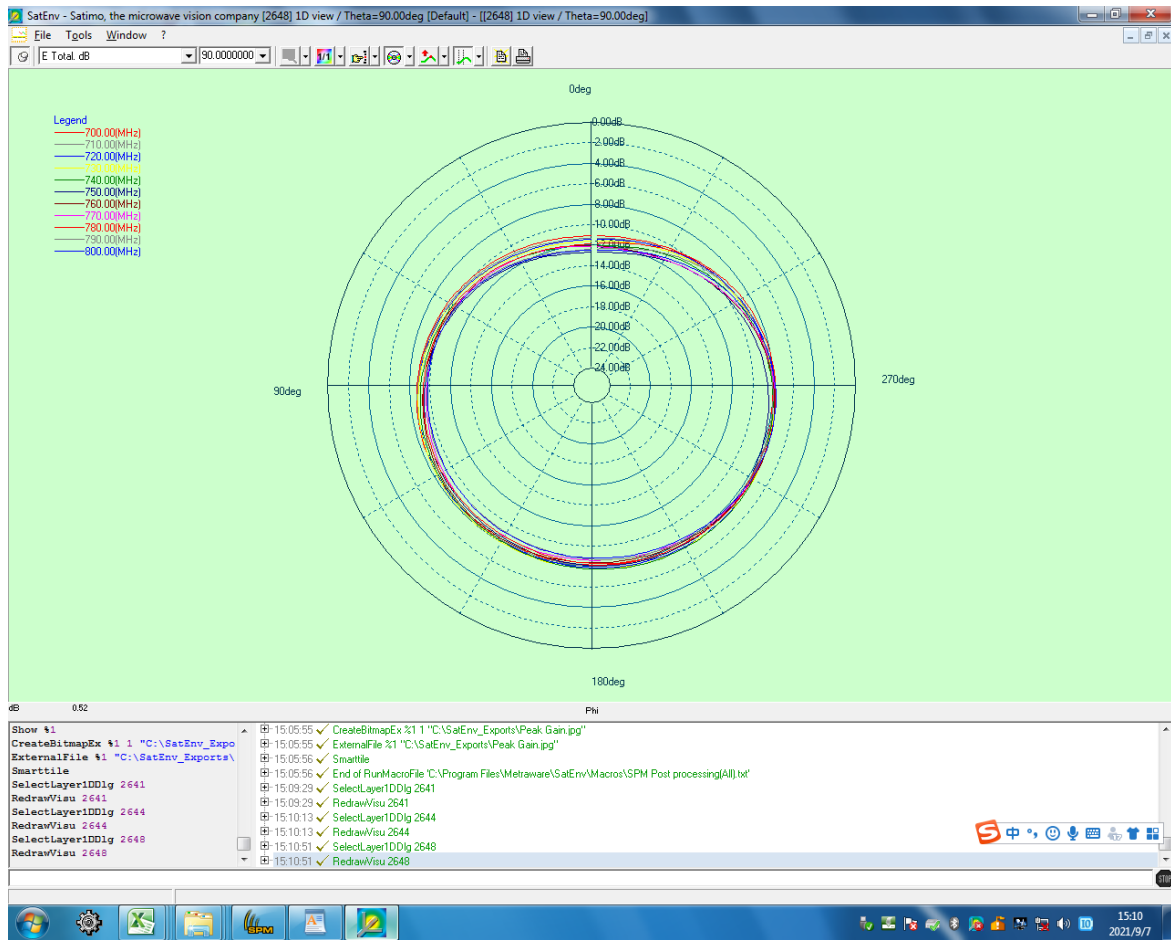
LTE B7/B38/41/N7/N38/N41 Theta=90deg



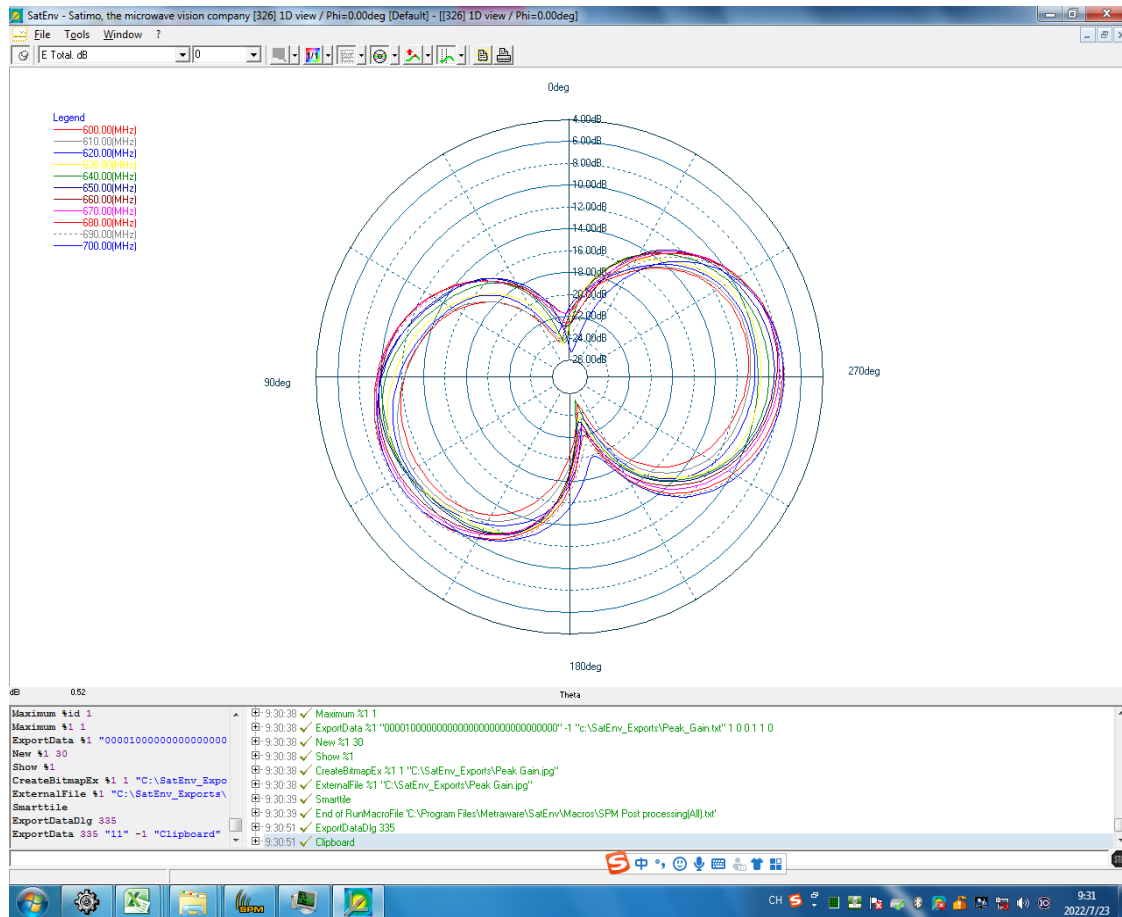
LTE B28 / N28 Phi=0deg



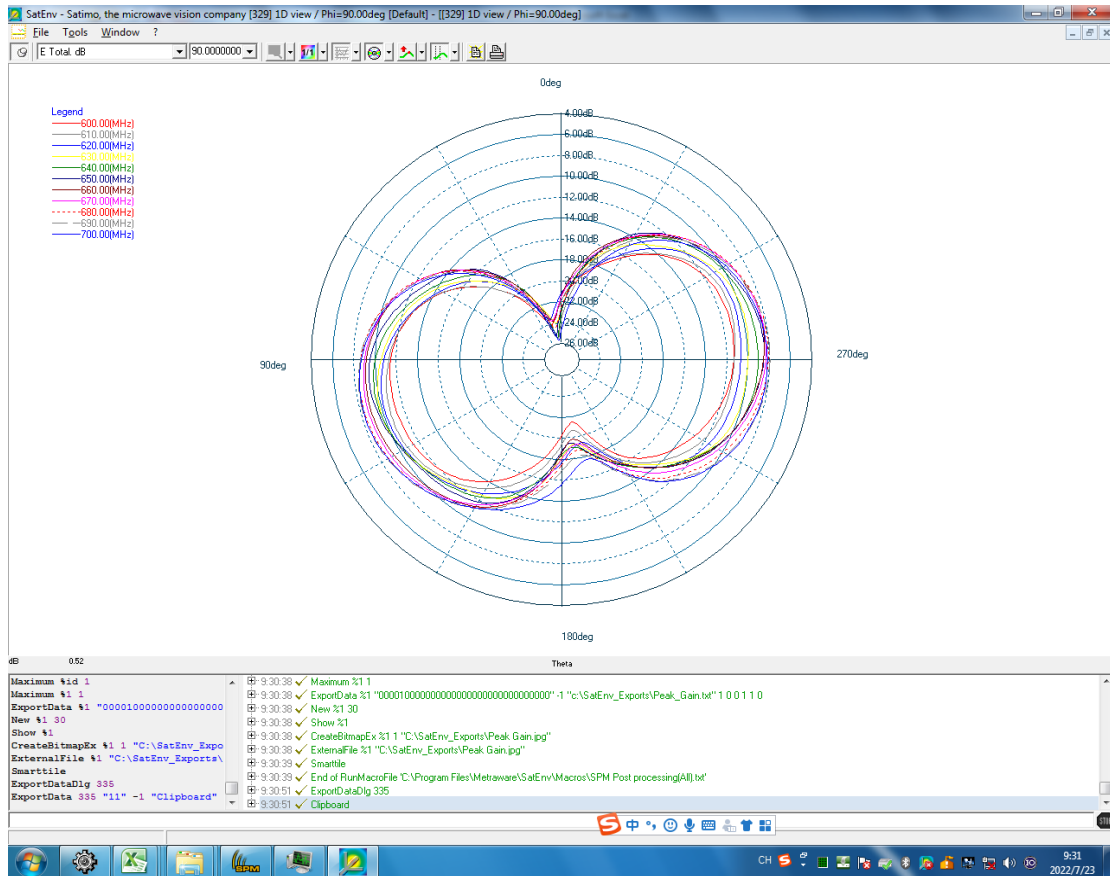
LTE B28 / N28 Phi=90deg



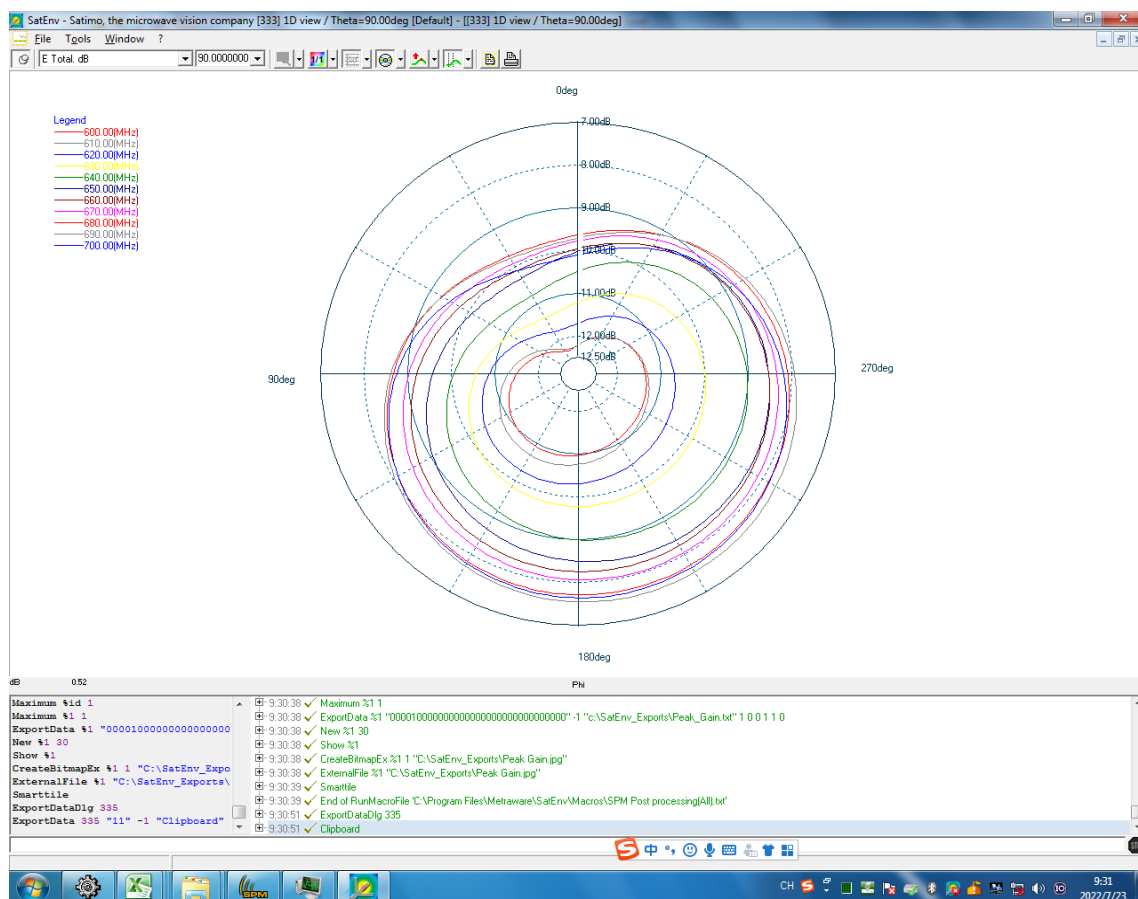
LTE B28 / N28 Theta=90deg



N71 Phi=0deg

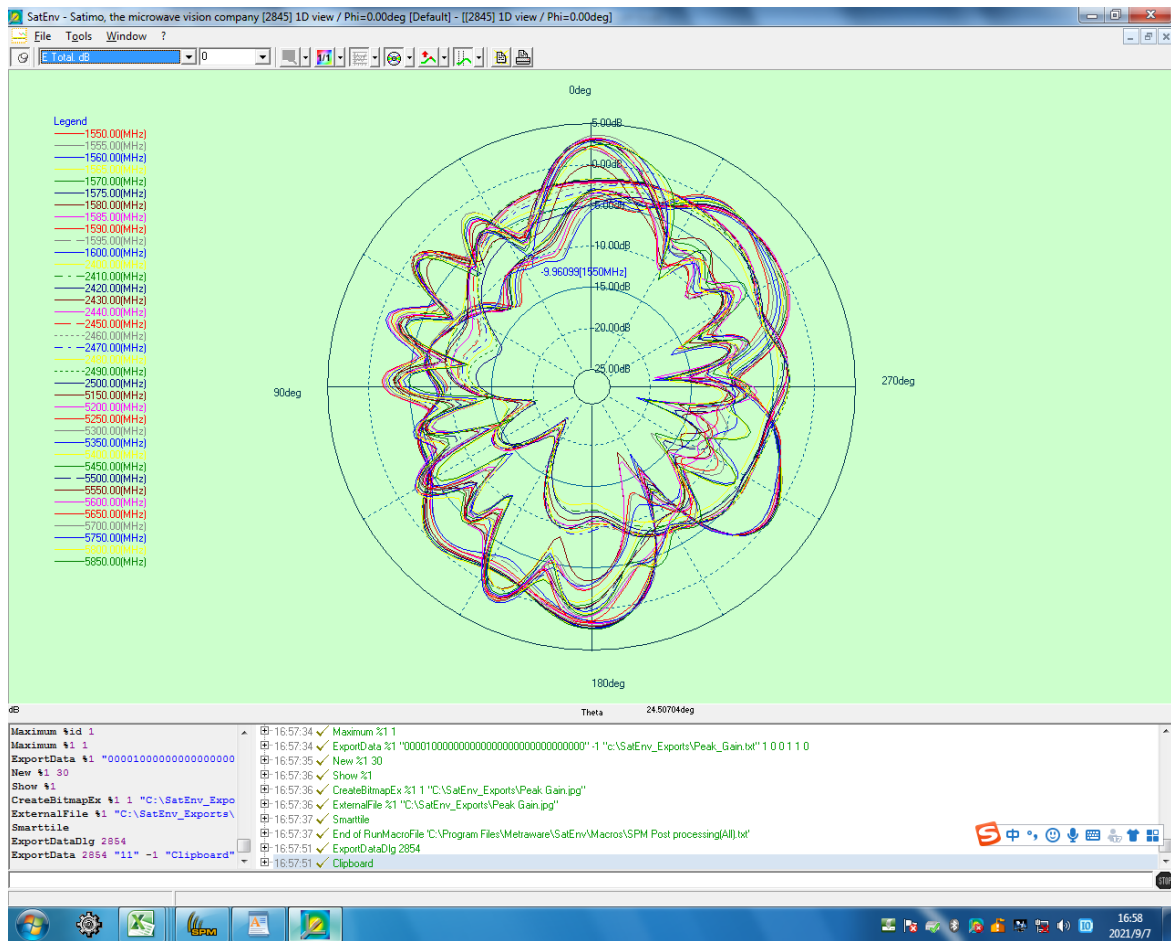


N71 Phi=90deg

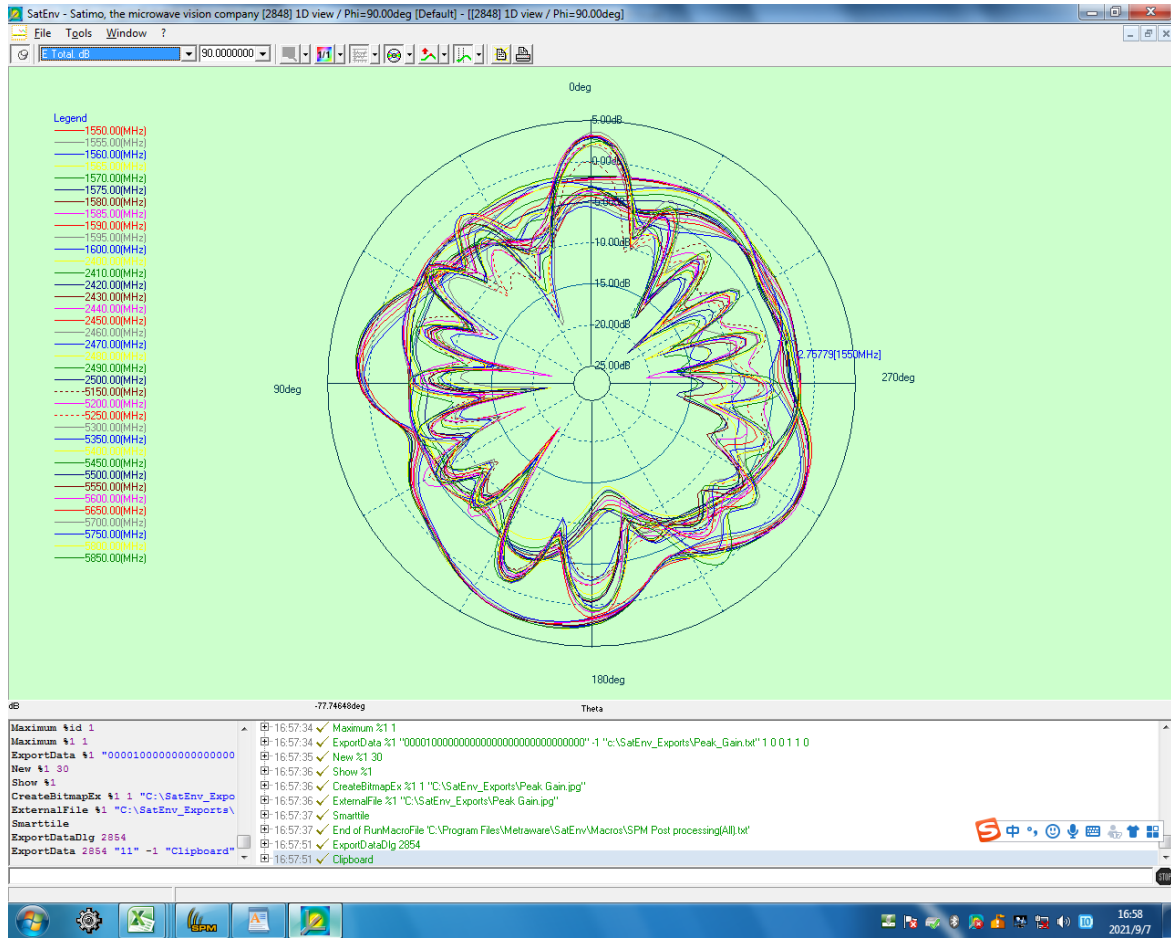


※ Antenna Gain

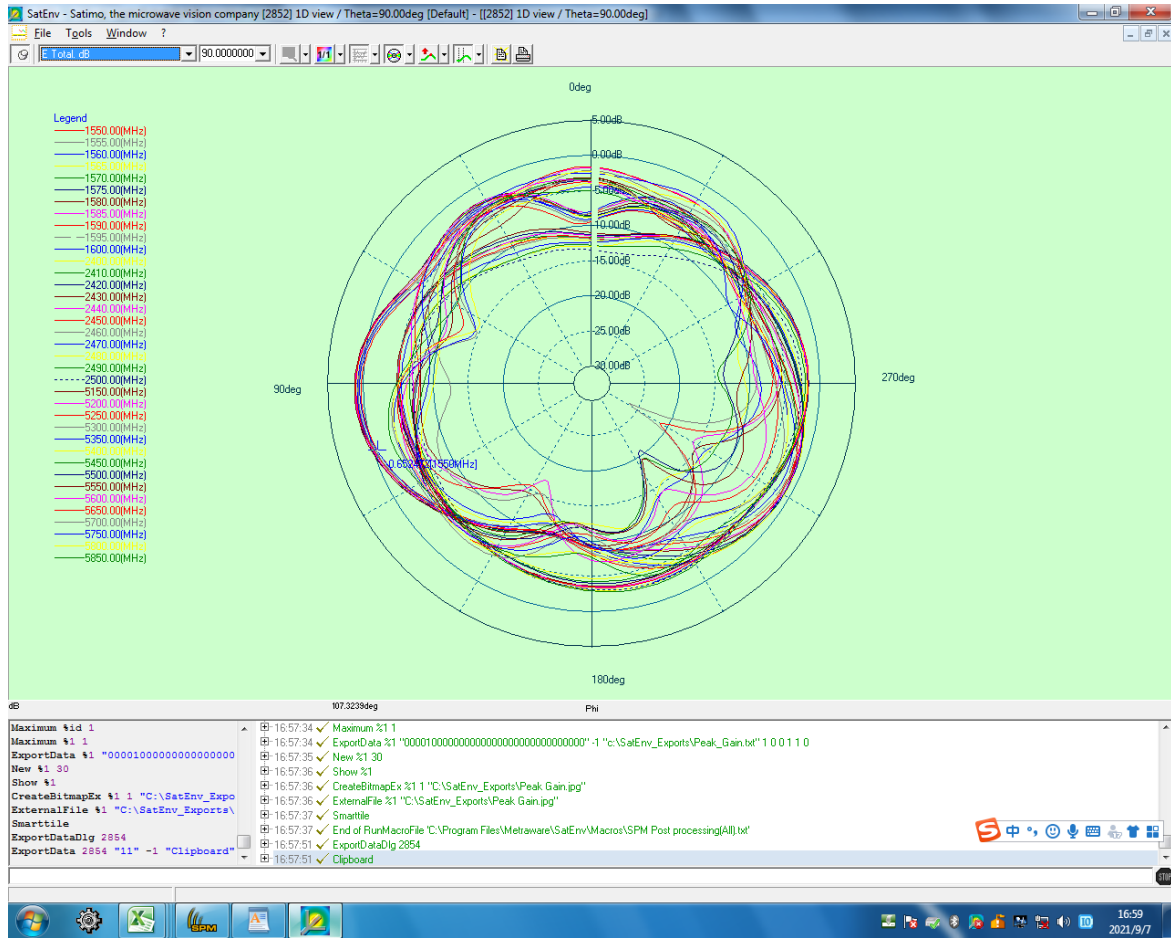
4in1 Antenna



BT/GPS&2.4G WIFI&5G WIFI Phi=0deg



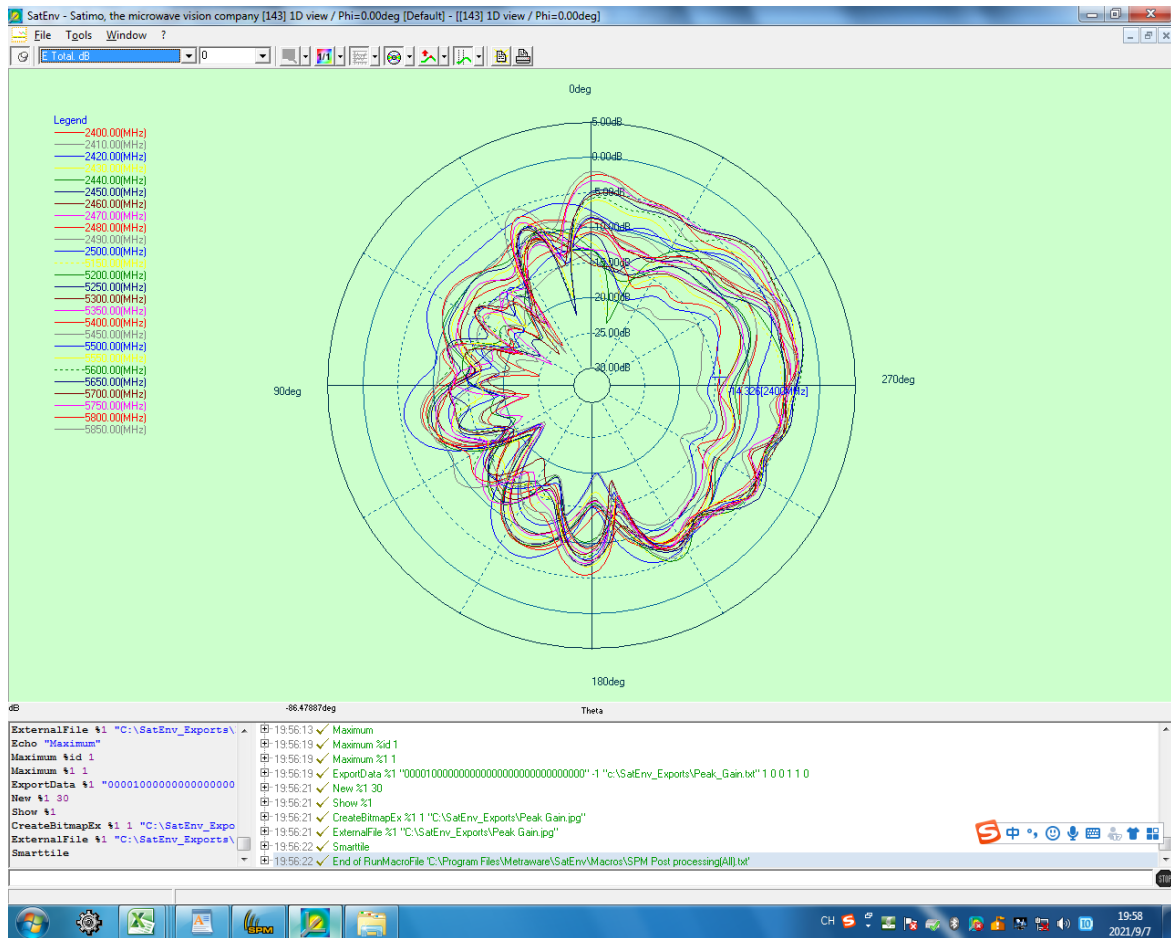
BT/GPS&2.4G WIFI&5G WIFI Phi=90deg



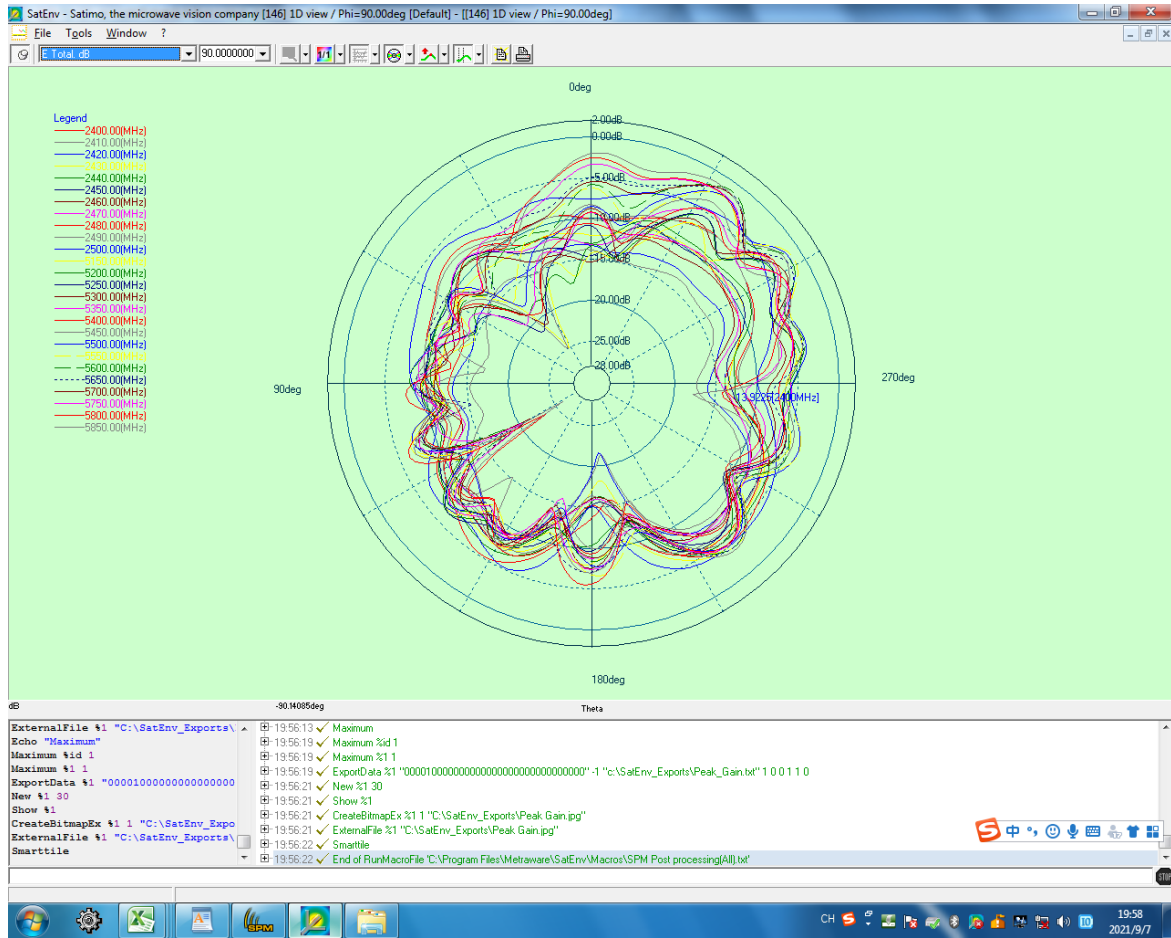
BT/GPS&2.4G WIFI&5G WIFI Theta=90deg

※ Antenna Gain

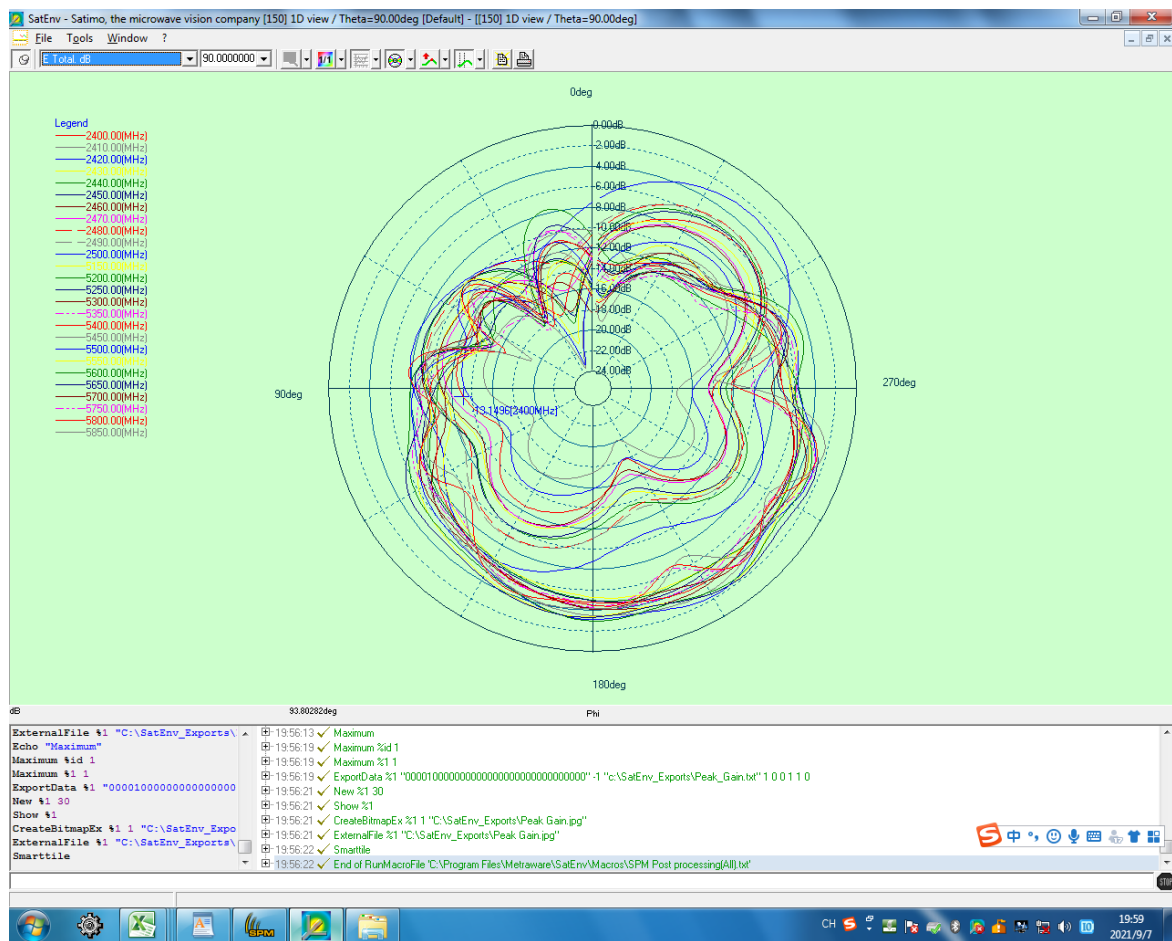
WIFI MIMO Antenna



2.4G WIFI&5G WIFI Phi=0deg



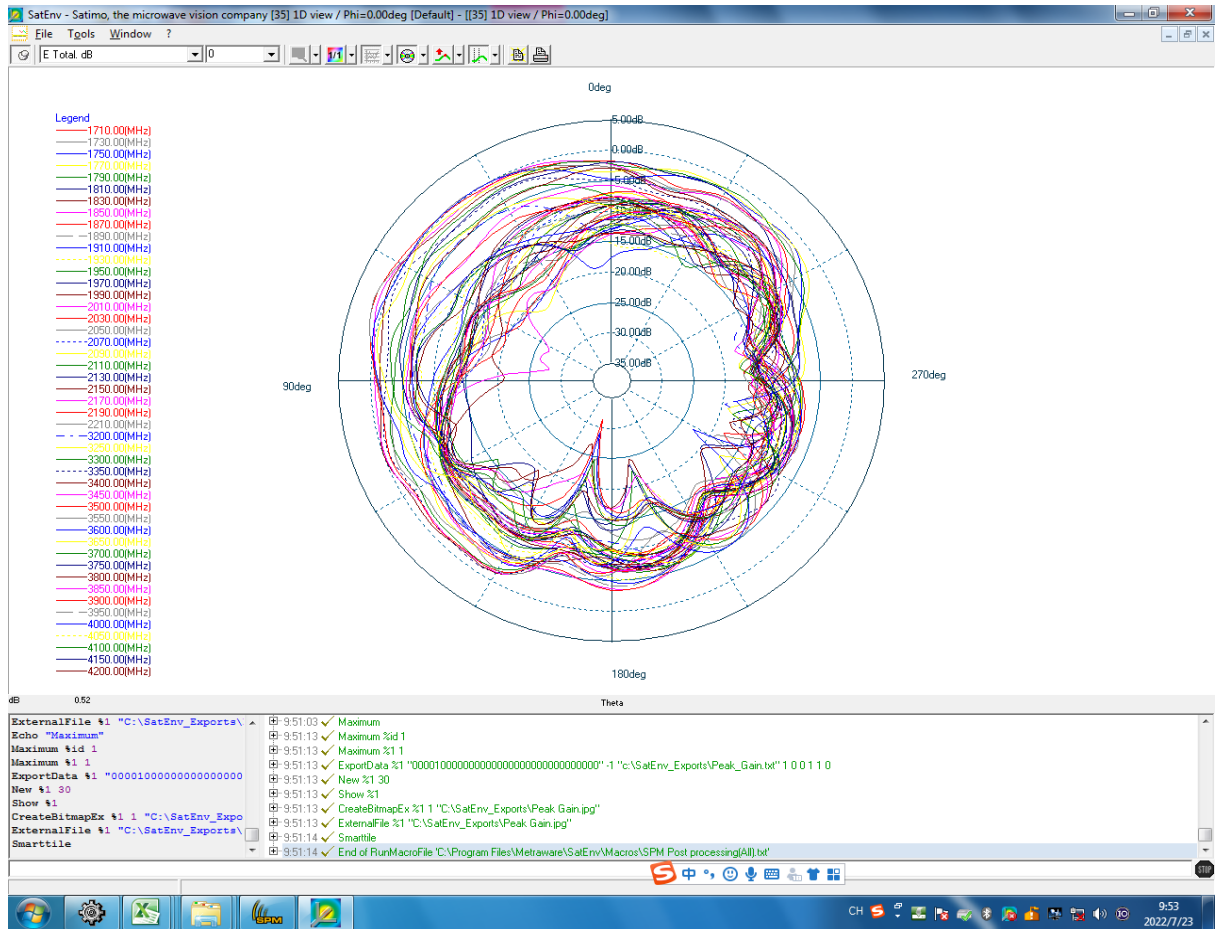
2.4G WIFI&5G WIFI Phi=90deg



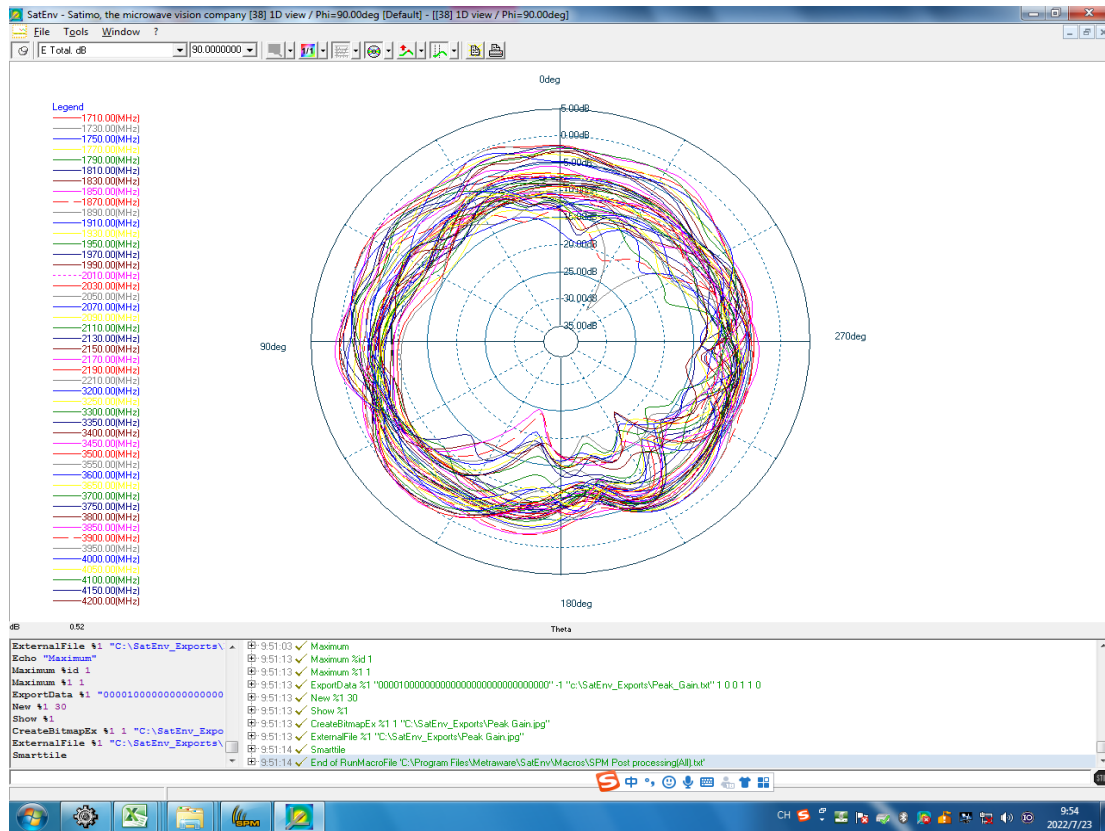
2.4G WIFI&5G WIFI Theta=90deg

※ Antenna Gain

SUB 6G PRX Antenna



N1/N2/N3/N66/N77/N78 Phi=0deg



N1/N2/N3/N66/N77/N78 Phi=90deg