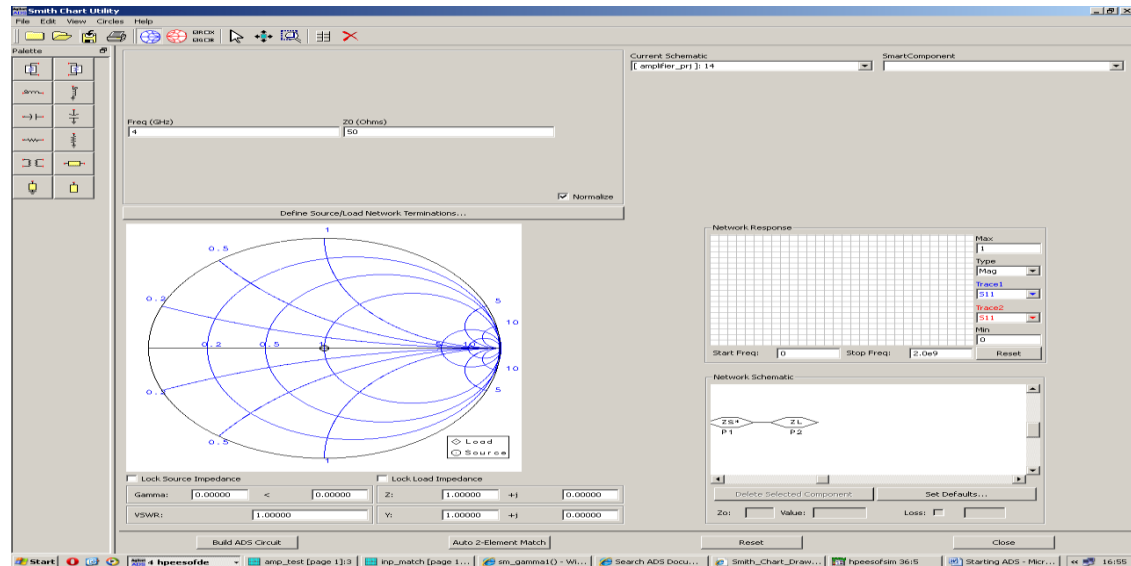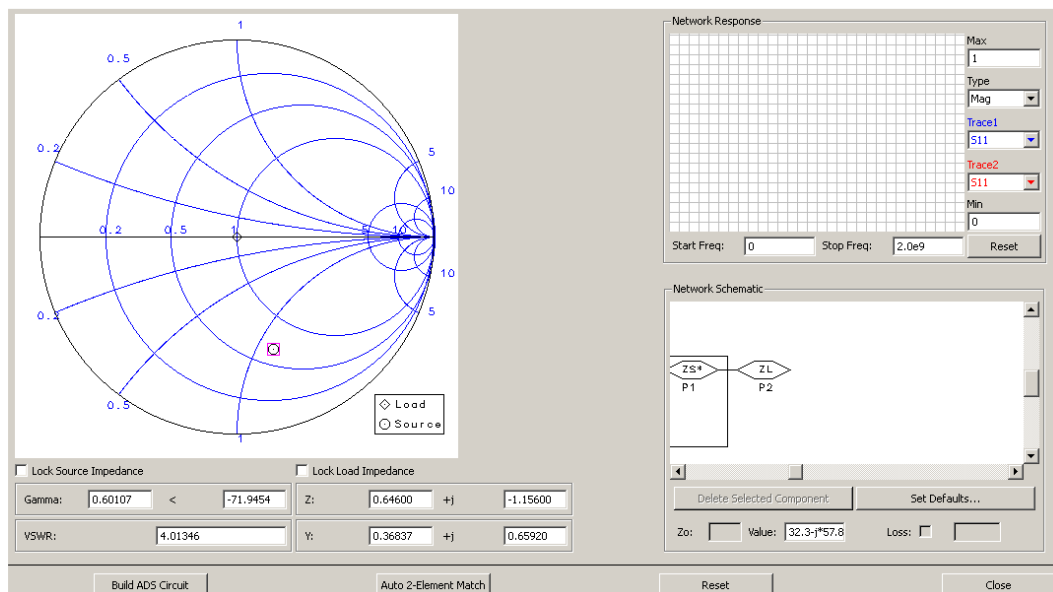## Starting Smith Chart Utility:
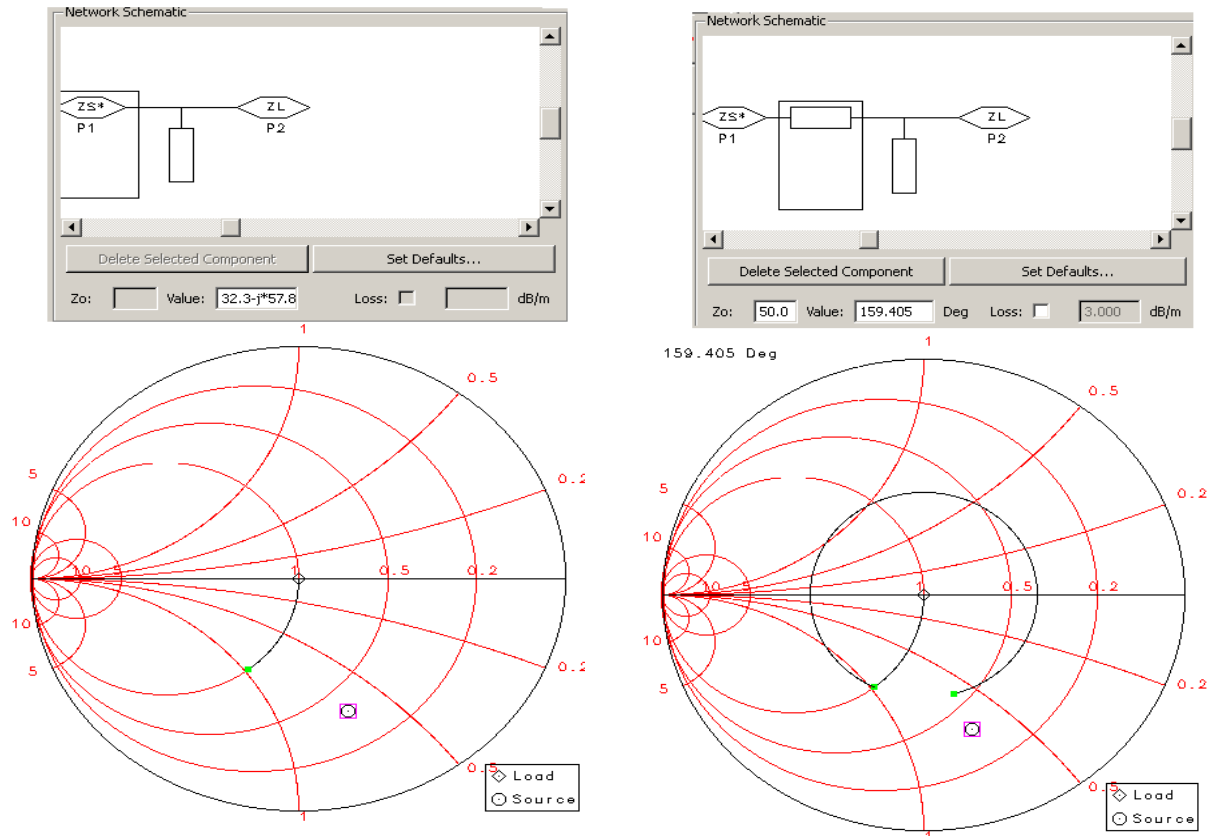
- Find the **Smith Chart** in the **Tools** in **Schematic** and you will see window as shown below:

- Set the frequency and insert the Γ_S (SmGamma1) or Γ_L (SmGamma2) and lock the load and source impedance by ticking the box.

- Starting from the load, choose the required transmission line component for each input or output matching circuit. Since we are calculating in admittance, activate the admittance chart icon (red chart).

- Adjust the electrical length or impedance values for each of the transmission line component in your input or output matching circuit to reach the intended Γ_S or Γ_L as shown below.

152.730 Deg

◇ Load			
○ Source			

☐ Lock Source Impedance ☐ Lock Load Impedance

Gamma:	0.59549	<	-72.0069	Z:	0.65409	+j	-1.14799
VSWR:	3.94423			Y:	0.37468	+j	0.65761