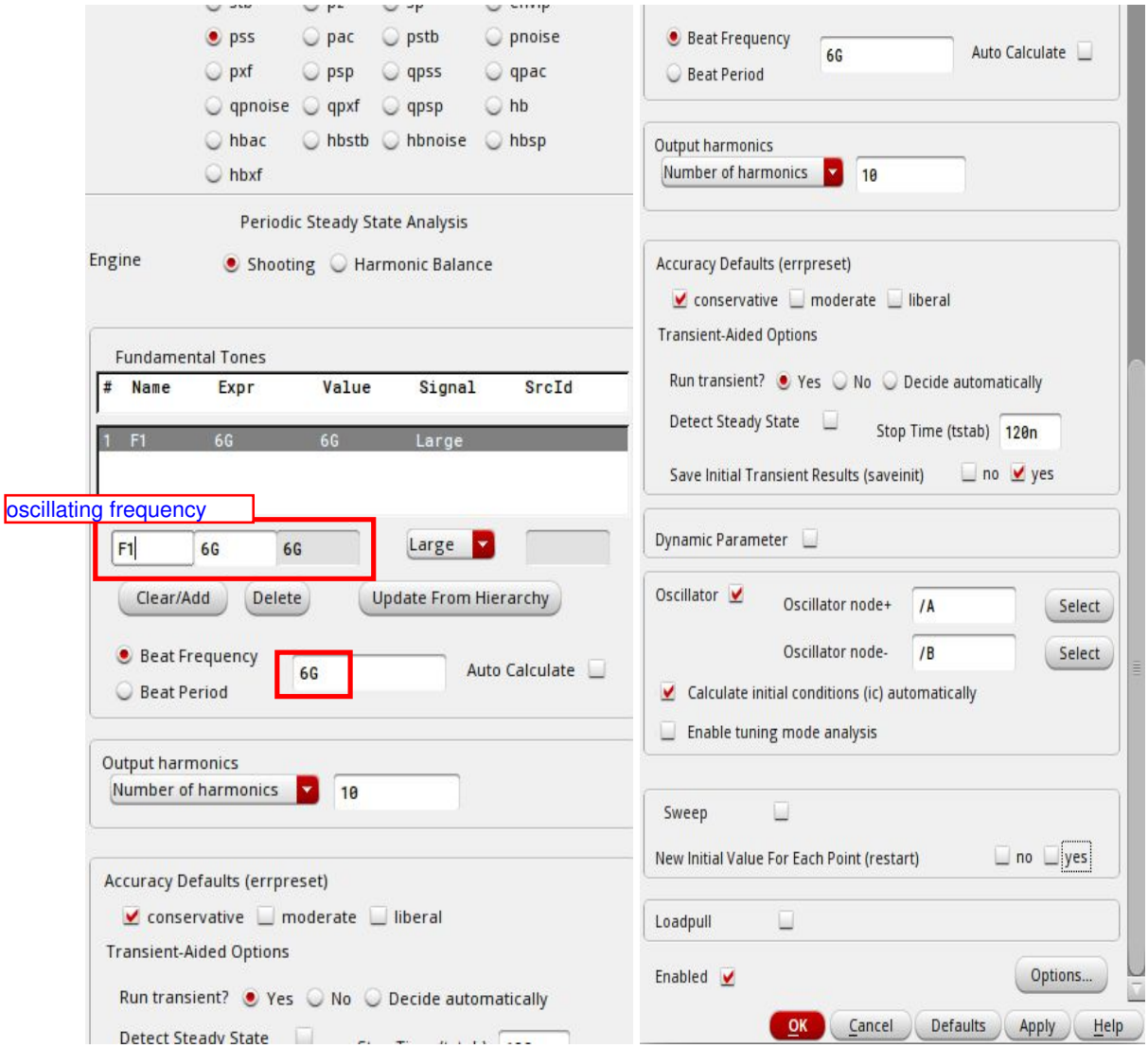
Reference: VCO_simulatoin_cadence.pdf

Pss-pnoise: To simulate phase noise.

1. Chose PSS from Analyses

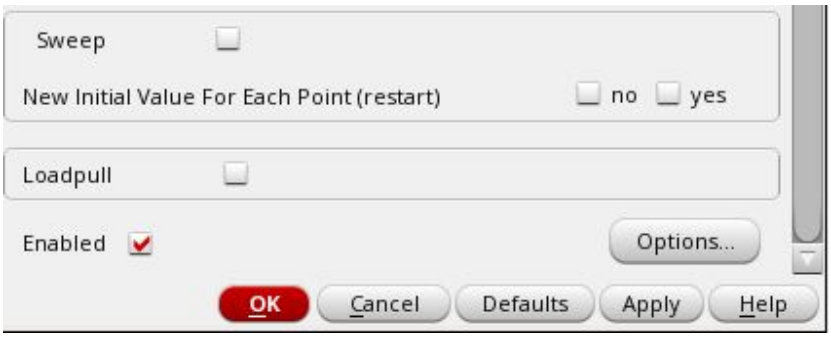
Make settings as shown below.



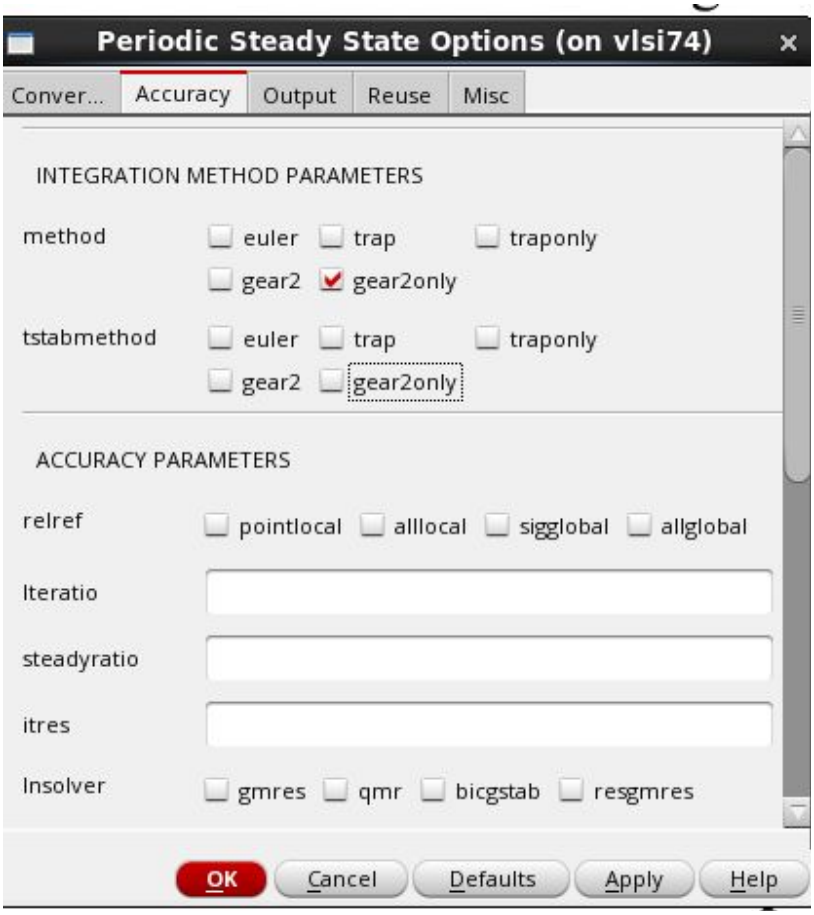
3. Make sure Sweep is disabled.

4. Make sure Enabled is selected.

5. Click on “options”

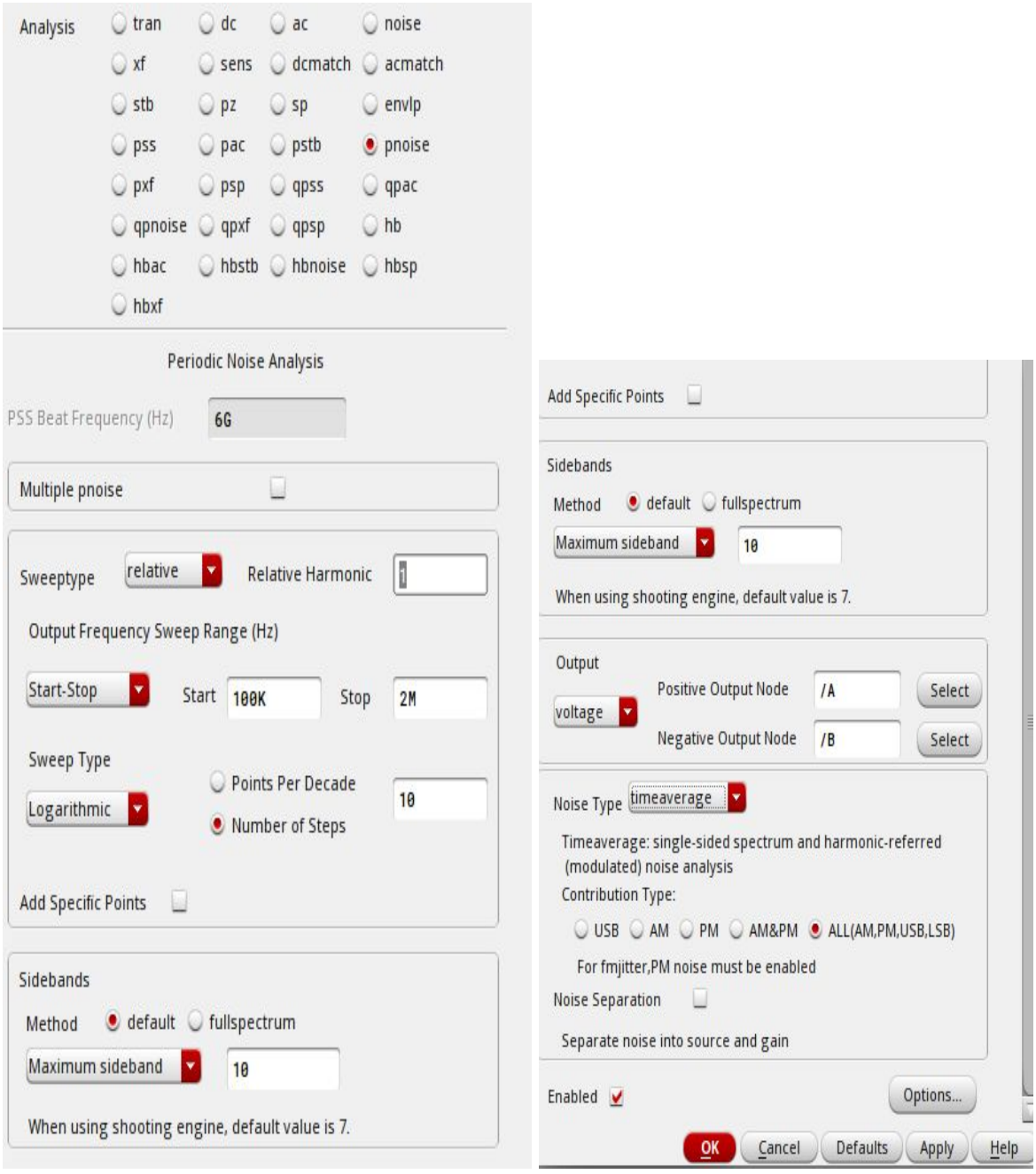


6. Select method “gear2only” then “Apply” and “OK”



7. Press “Apply” & “OK” in analyses window.

8. Now, setup pnoise analysis



8. Press “Apply” & “OK”

9. Press “Netlist & Run” in ADE-L

10. After successful completion of the simulation, in ADE-L go to Results → Direct plot → main form

11. Select the options as follows

12. Plot the phase noise.

13. Highlight the phase noise at 1 Mhz with veritcal cursor.