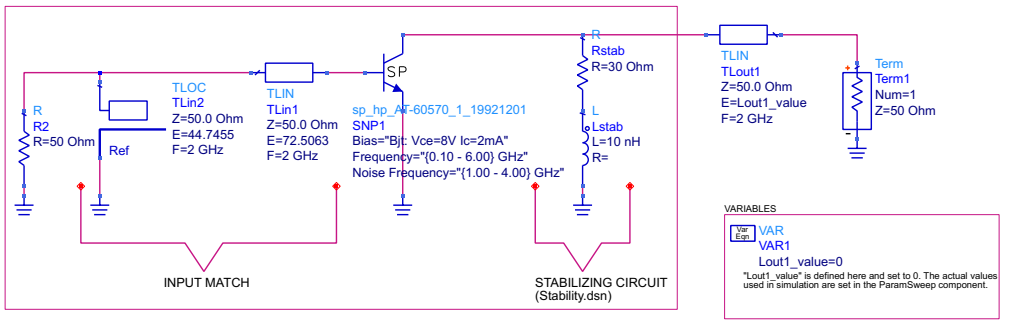
CREATE OUTPUT MATCHING NETWORK: Step 1

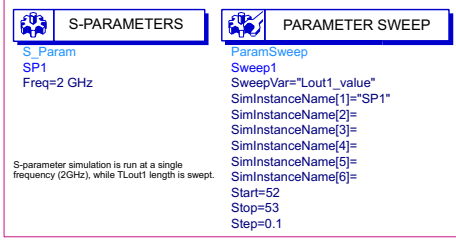
With the input matching network in place, the output of the amplifier is matched to 50Ohms.

1) The reflection coefficient of the complete amplifier (input matching network, device, stabilizing network) is measured, with a TLout1 at the output.

2) The length of TLout1 is swept until the real part of the amplifier's output conducatence is 20 mS.



SIMULATIONS



VARIABLES