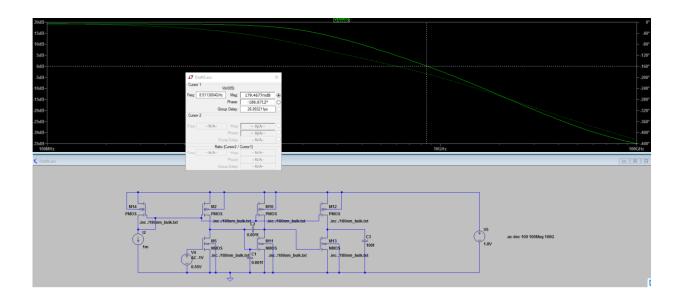
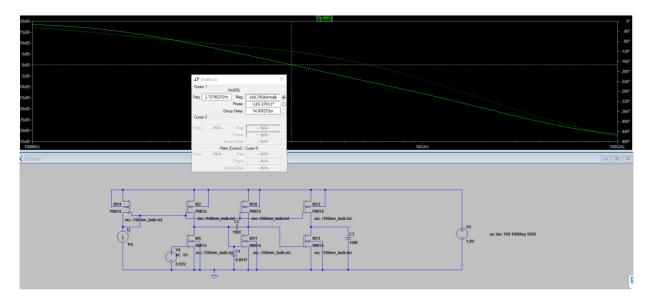


4) With no compensation, the phase margin is about -7 degrees.



If a capacitance of 100 fF is applied between X and Y, phase margin reaches 60 degrees. Under this condition, unity-gain bandwidth is 2.14 GHz.



If a capacitance of 1pF is applied between X and the ground, phase margin reaches again 60 degrees. Under this condition, unity-gain bandwidth is 1.78 GHz.

