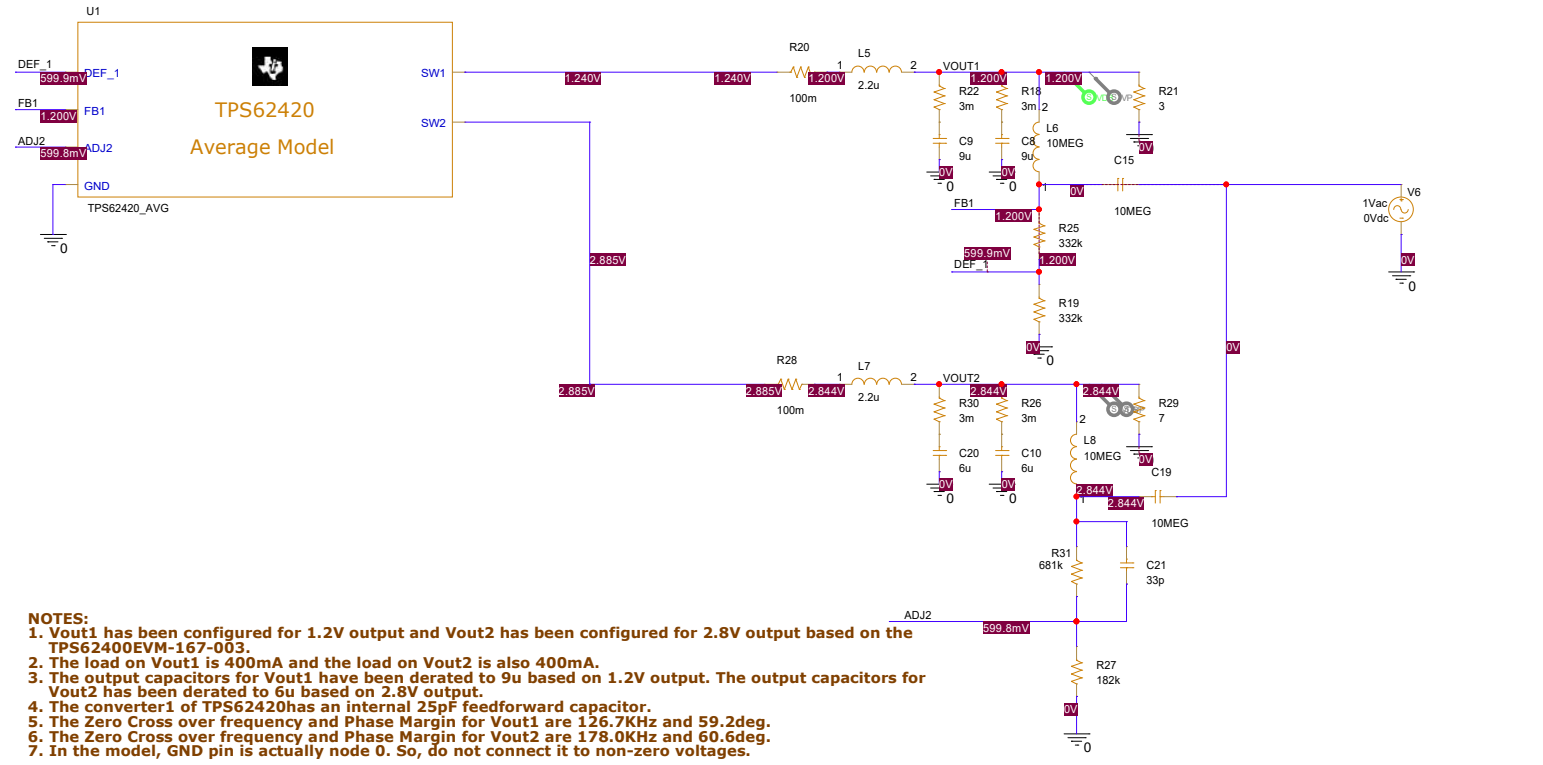


TPS62420 LOOP RESPONSE SIMULATION



- NOTES:**
1. Vout1 has been configured for 1.2V output and Vout2 has been configured for 2.8V output based on the TPS62400EVM-167-003.
 2. The load on Vout1 is 400mA and the load on Vout2 is also 400mA.
 3. The output capacitors for Vout1 have been derated to 9u based on 1.2V output. The output capacitors for Vout2 has been derated to 6u based on 2.8V output.
 4. The converter1 of TPS62420has an internal 25pF feedforward capacitor.
 5. The Zero Cross over frequency and Phase Margin for Vout1 are 126.7KHz and 59.2deg.
 6. The Zero Cross over frequency and Phase Margin for Vout2 are 178.0KHz and 60.6deg.
 7. In the model, GND pin is actually node 0. So, do not connect it to non-zero voltages.

