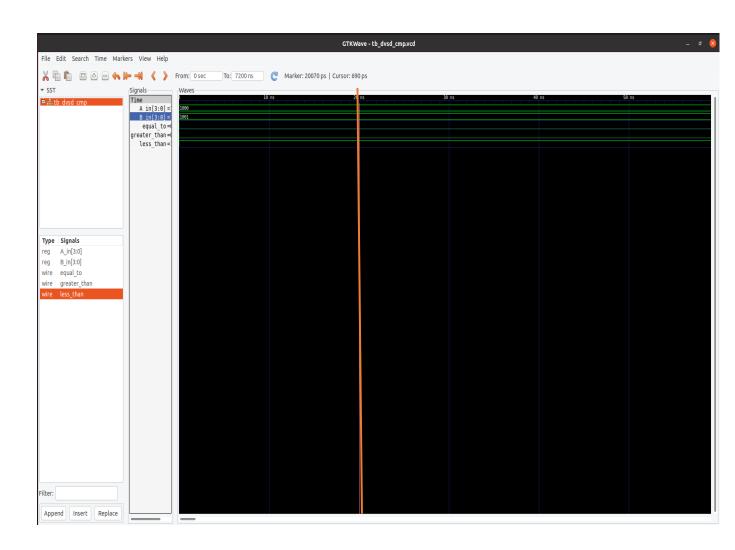
PRE LAYOUT SIMULATION OF 4 BIT MAGNITUDE COMPARATOR



 \mathbf{V}_{OL}

 V_{oh}

