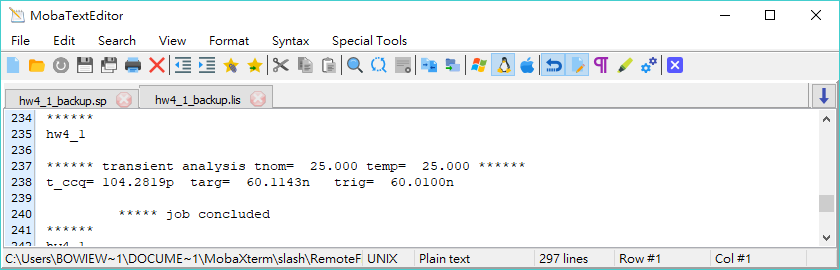
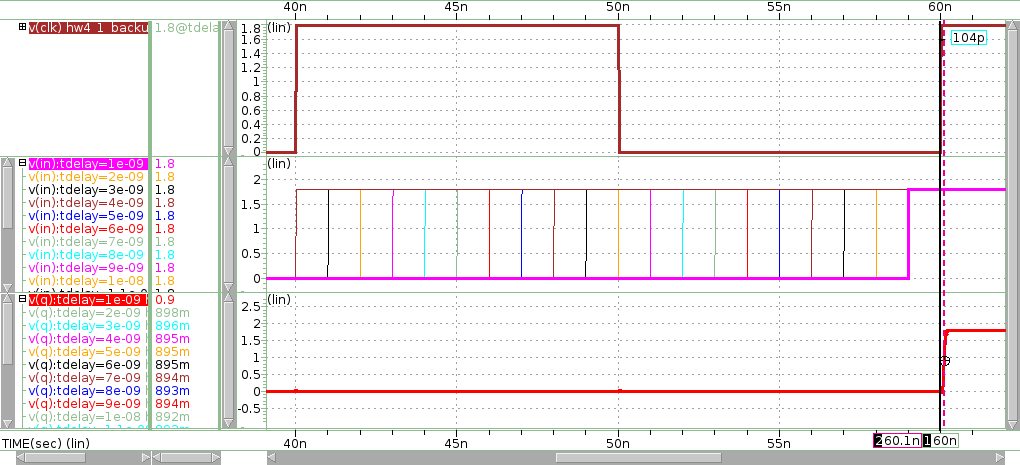
Hw4

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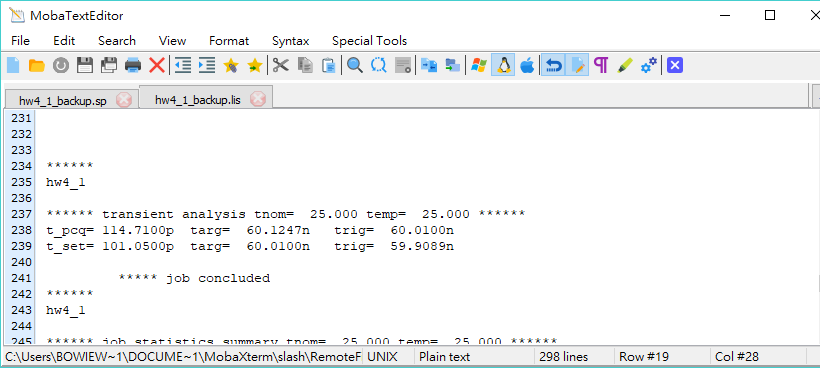


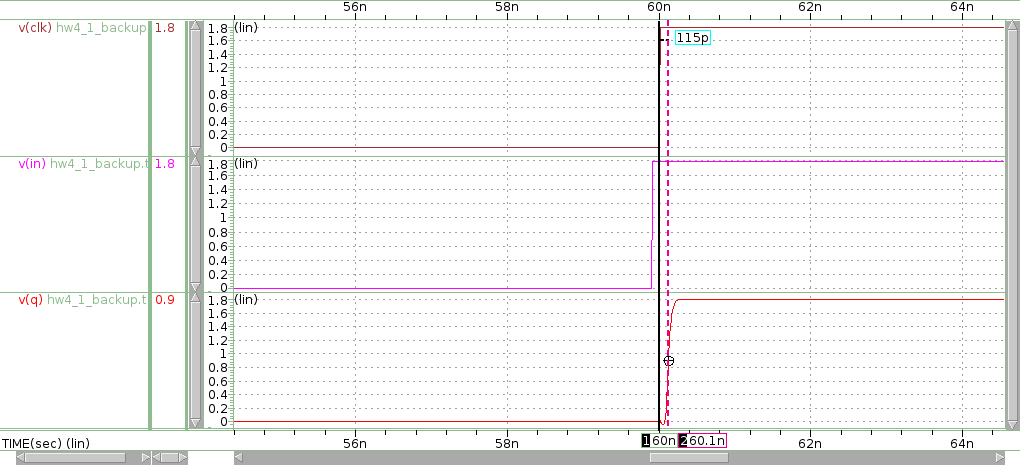


Tccq = 104.1928ps

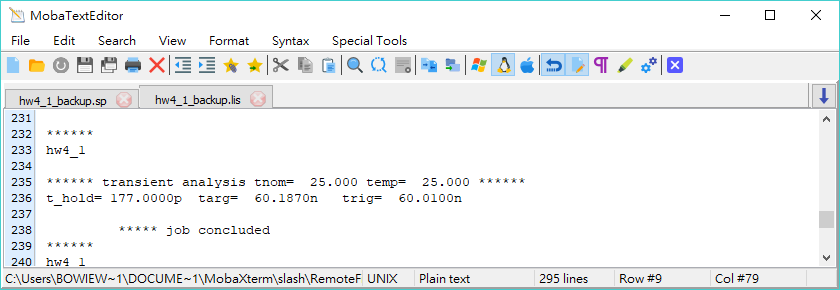
在此set up time取Tccq的110%

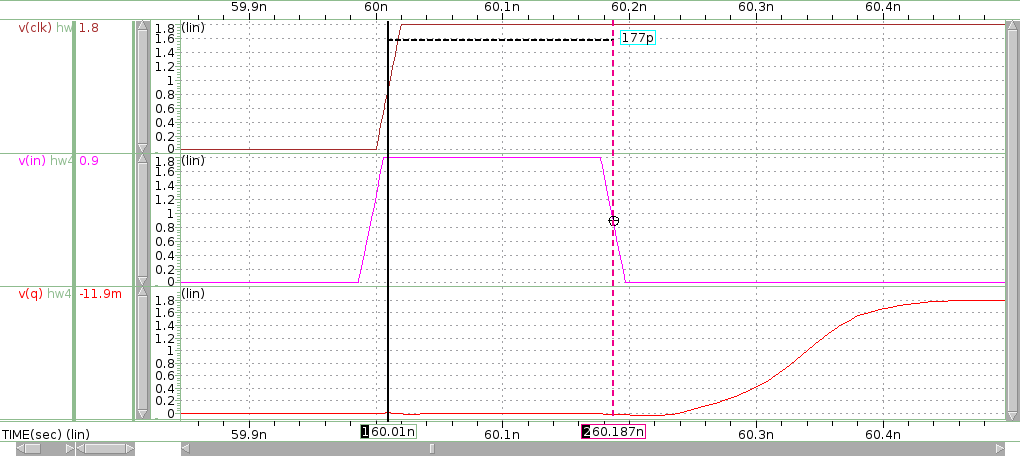
10% increase tpcq : 114.71ps



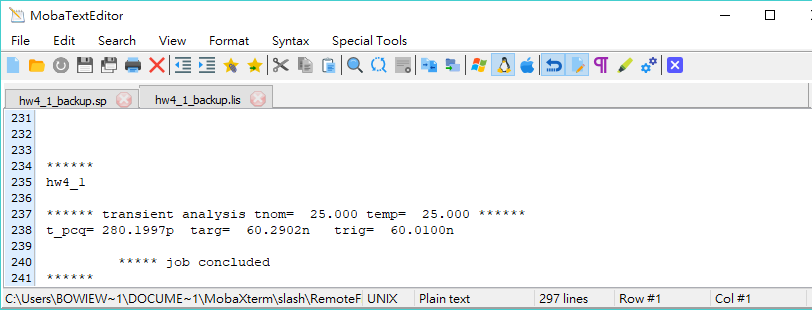


Set up time = 60n - 59.89895n = 0.10105ns



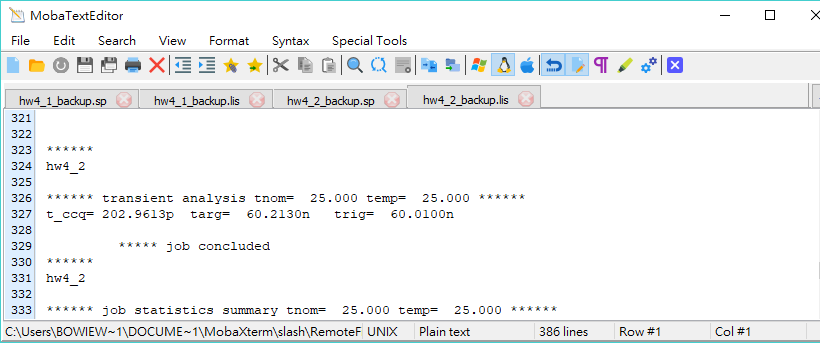


Hold time = 177ps





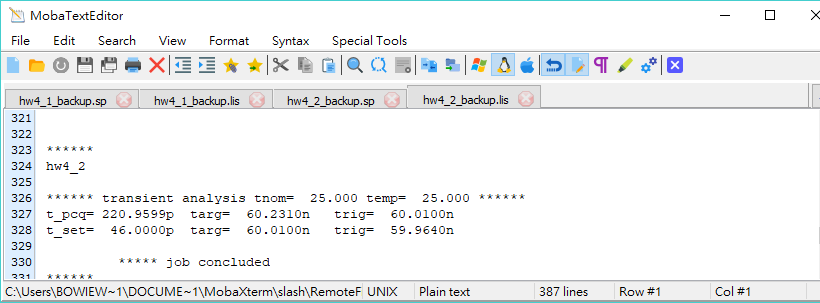
Tpcq = 280.1997ps



Tccq = 202.9613ps

在此set up time取Tccq的110%

10% increase tpcq : 223.25743ps



Hold time

Thold = 119ps

Tpcq = 274.6167ps



