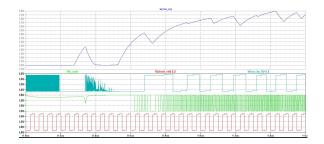## With Loop Filter



## Phase tracking



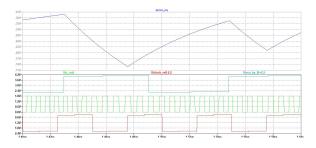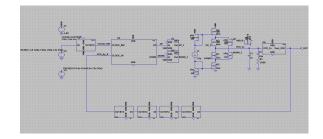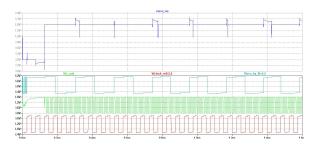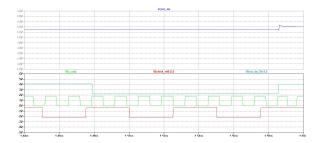## Different clocks



## Without Loop Filter



## Phase tracking



## Different clocks