1. Waveform Task 1:

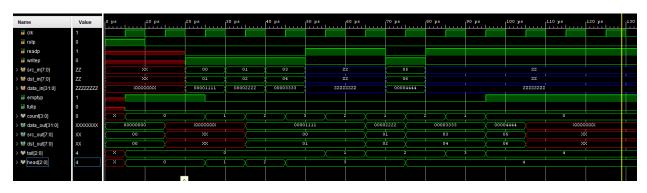


Figure 1.Từ Ops ->10ps: reset; 20ps->50ps ghi 3 lần; 50ps->70ps: đọc 2 lần; 70ps->80ps: ghi 1 lần; 80ps->140ps: đọc 6 lần.

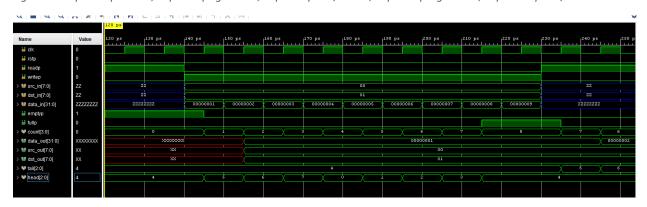


Figure 2. Từ 80ps->140ps: đọc 6 lần; 140ps->230ps: ghi 9 lần;

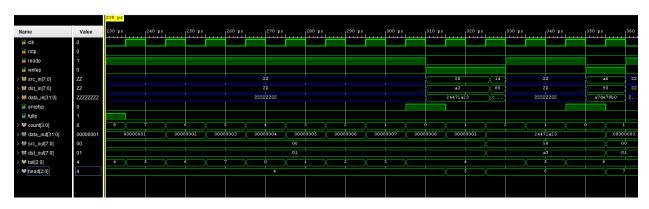


Figure 3. Từ 230ps->310ps: đọc 8 lần; Done TEST1.

2. Display Fail Test1:

```
INFO: [USF-XSim-69] 'elaborate' step finished in '3' seconds Time resolution is 1 ps

FAILURE: Underflow Detected at time T=106!. Exiting test.

FAILURE: Underflow Detected at time T=116!. Exiting test.

FAILURE: Underflow Detected at time T=126!. Exiting test.

FAILURE: Underflow Detected at time T=136!. Exiting test.

FAILURE: Overflow Detected at time T=226!. Exiting test.

Done TEST1.

READER is waiting..

READER is waiting..
```

3. Waveform của Test 2:

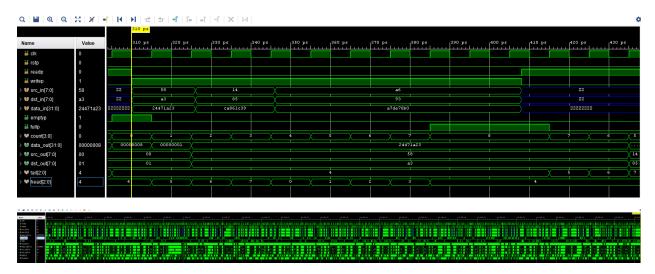


Figure 4.. Test 2 từ 310ps->30.298ps.

4. Display Task 2:

