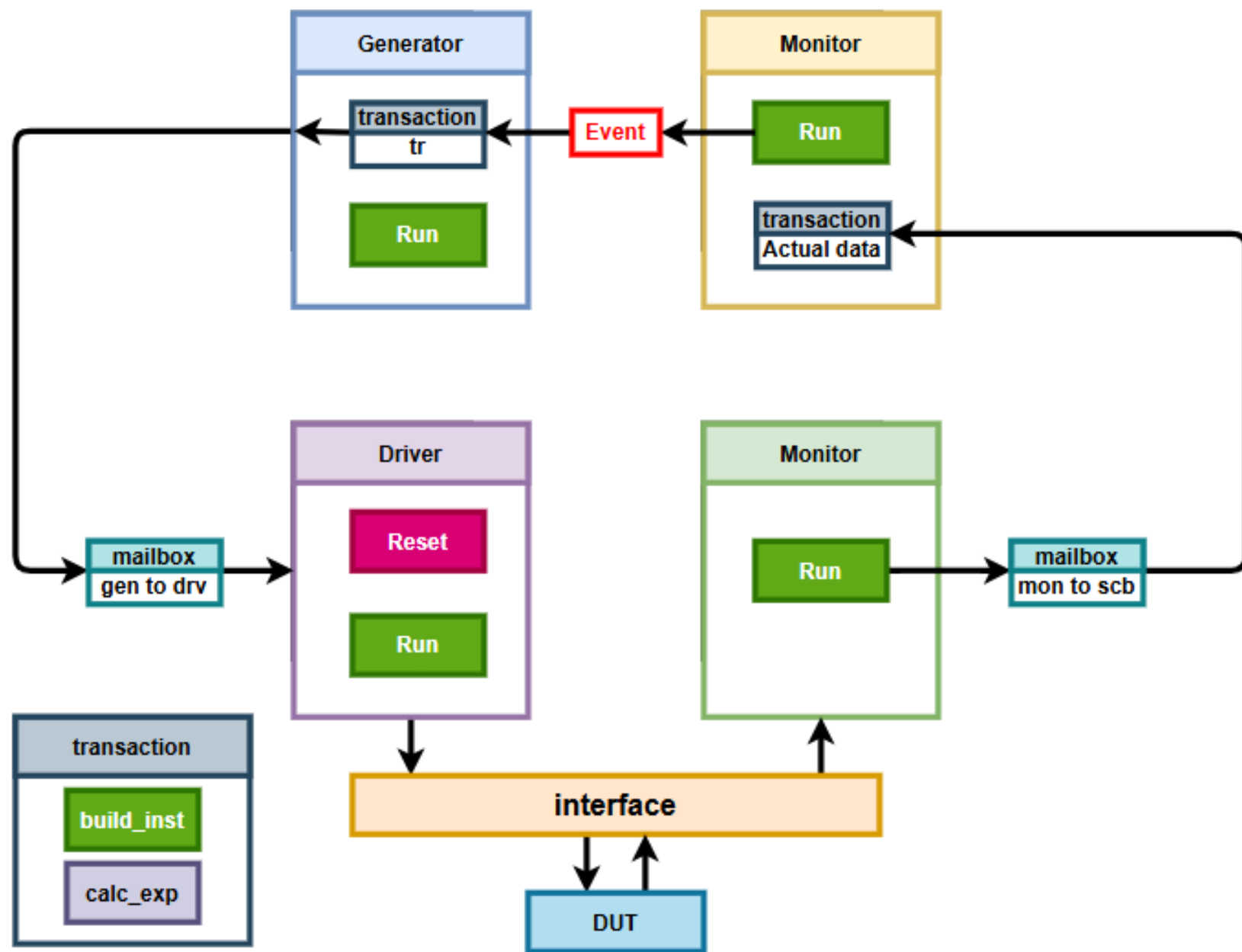
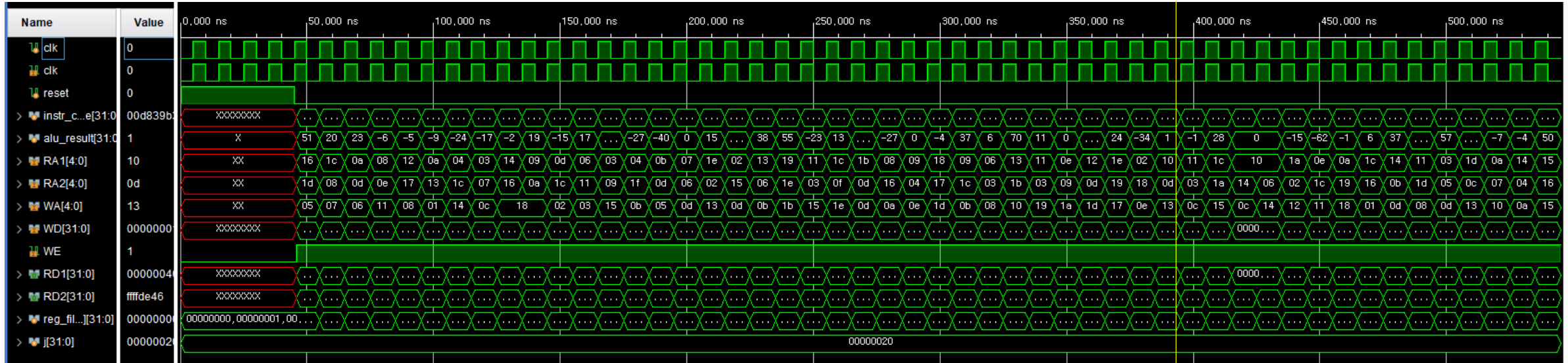


2 < 3 ?
0



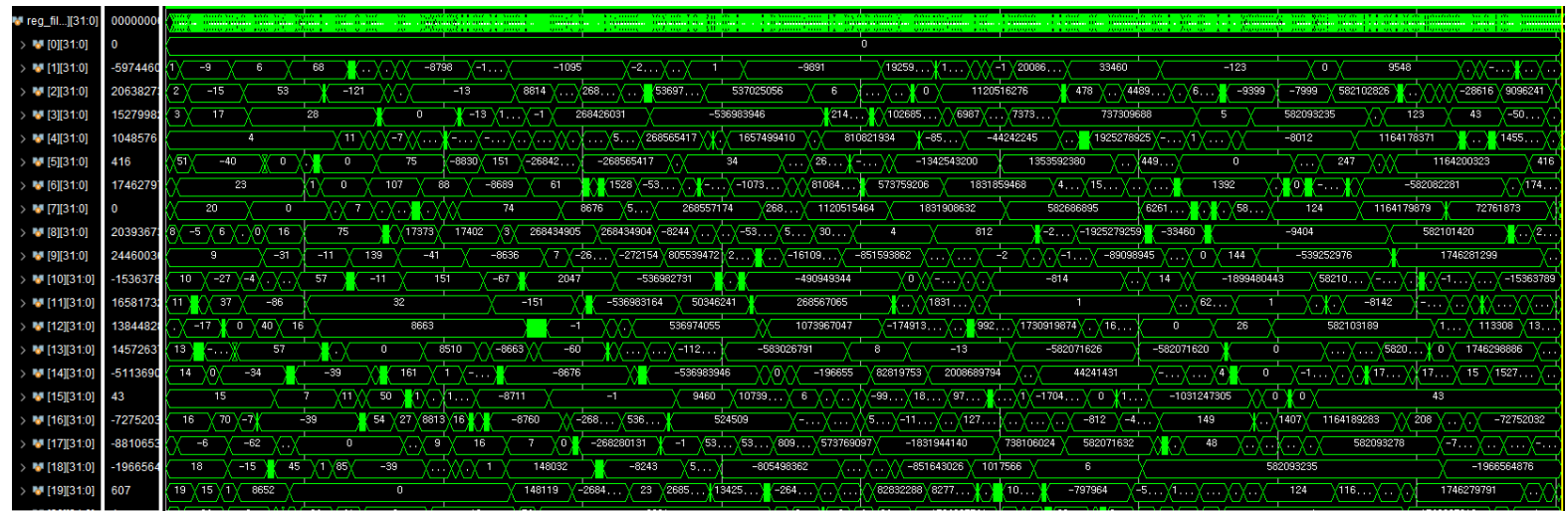


R 검증



Register file 변화 확인

PASS=1000 FAIL=0



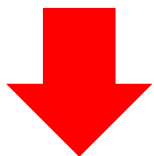
트리블슈팅

[GEN] instr=018fa7b3 rs1=31 rs2=24 rd=15 funct3=2 funct7b5=0
[1765000 ns] [SCB] FAIL ALU=0 EXP=1



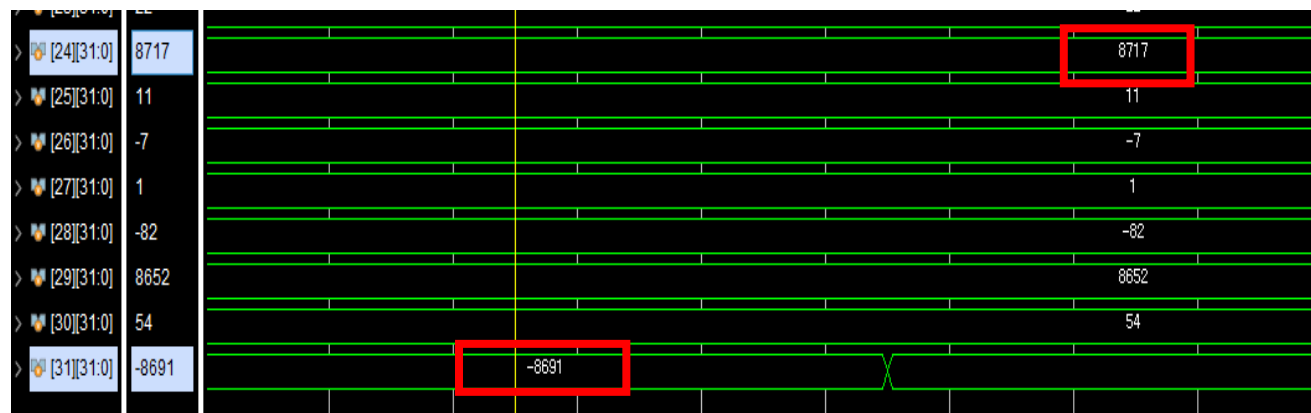
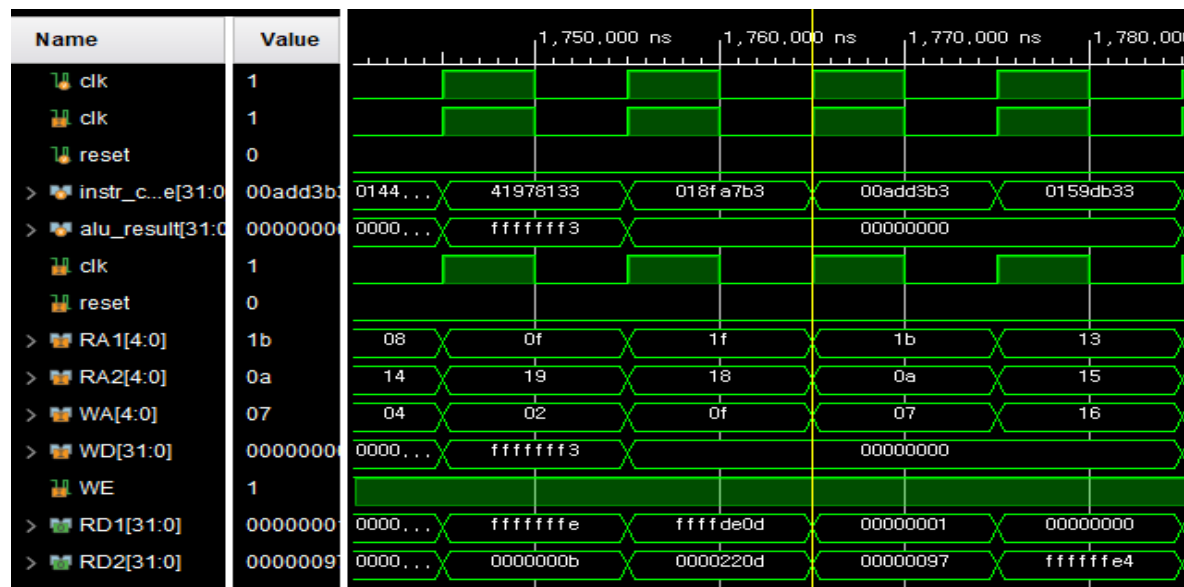
SLT연산 시 Error 발생
-8691 < 8717
ALU = 0 ?

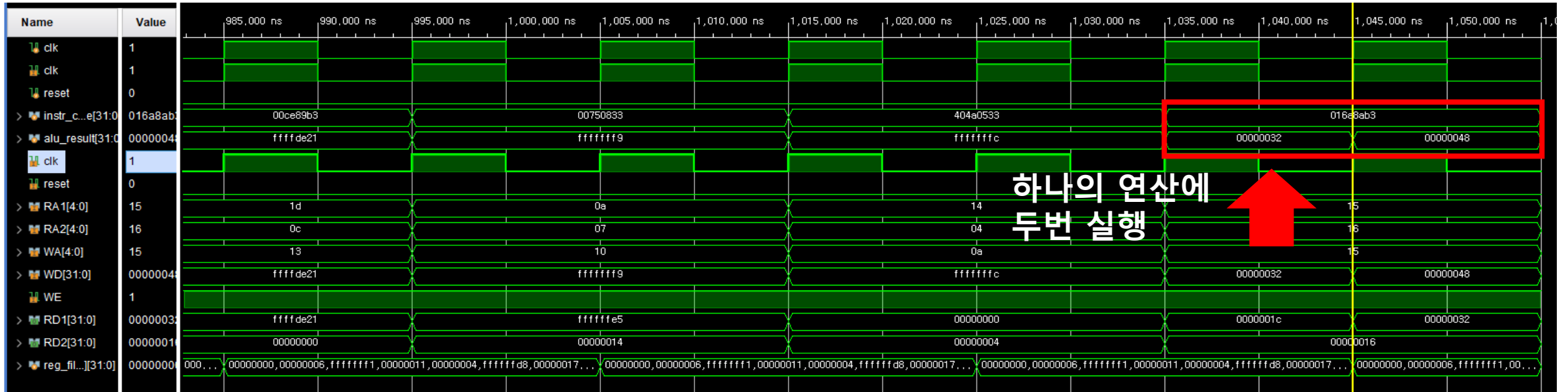
```
4'b0010: begin //  
    alu_result = ($signed(RS1) < $signed(RS2)) ? 1 : 0;  
end
```



Unsigned비교 이기에
8717보다 큰 값으로
인식하여 0으로 생성
Signed연산으로 수정

[GEN] instr=018fa7b3 rs1=31 rs2=24 rd=15 funct3=2 funct7b5=0
[1765000 ns] [SCB] PASS ALU=1 EXP=1





```
task run();
  @(posedge cif.clk);
  forever begin
    transaction tr;
    gen2drv.get(tr);
    cif.instr_code = tr.instr_code;
    drv2mon.put(tr);
  end
endtask
```

명령어 연산은 clk의 사
용하지 않기에 한클럭의
기다리는 과정에서 예상
치 못한 딜레이 발생



clk이 아닌 #1
지연을 통해 해
결

```
task run();
  #1;
  forever begin
    transaction tr;
    gen2drv.get(tr);
    cif.instr_code = tr.instr_code;
    drv2mon.put(tr);
  end
endtask
```

