

CSCE 616 Lab 6

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Figure 1. IMC Coverage: All 10 TX and 1 RX assertions passed

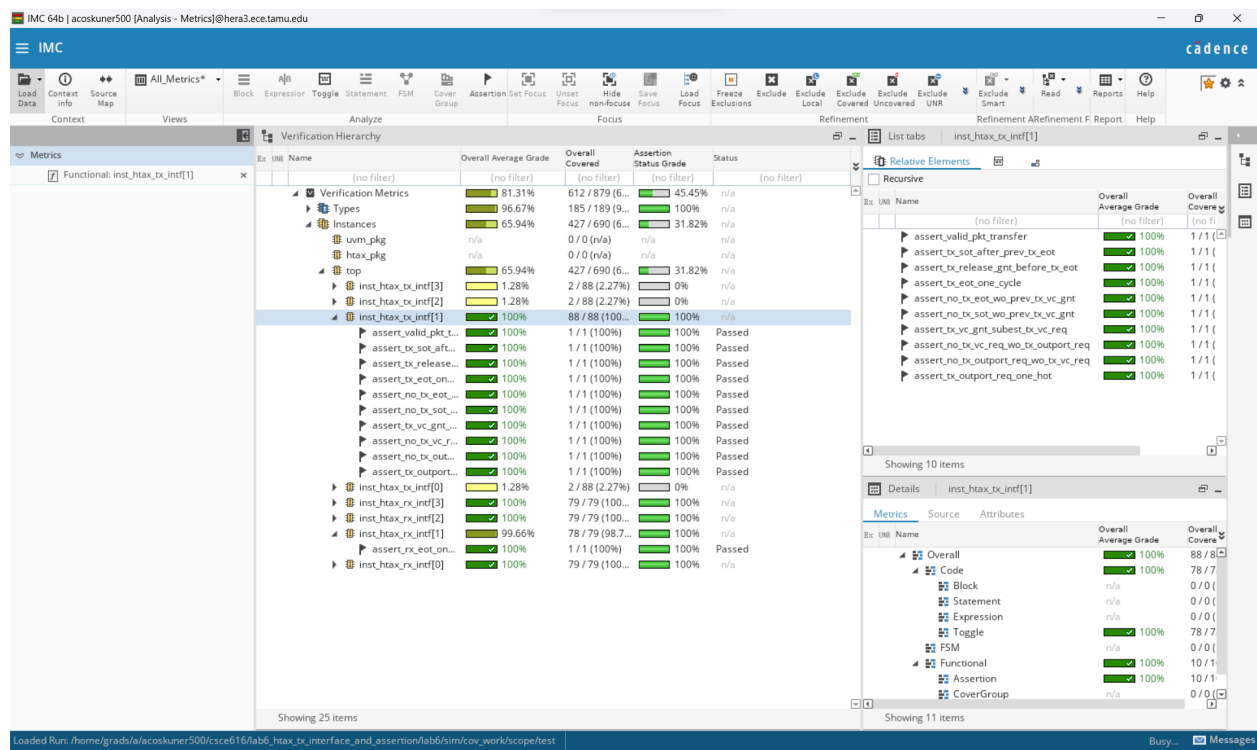
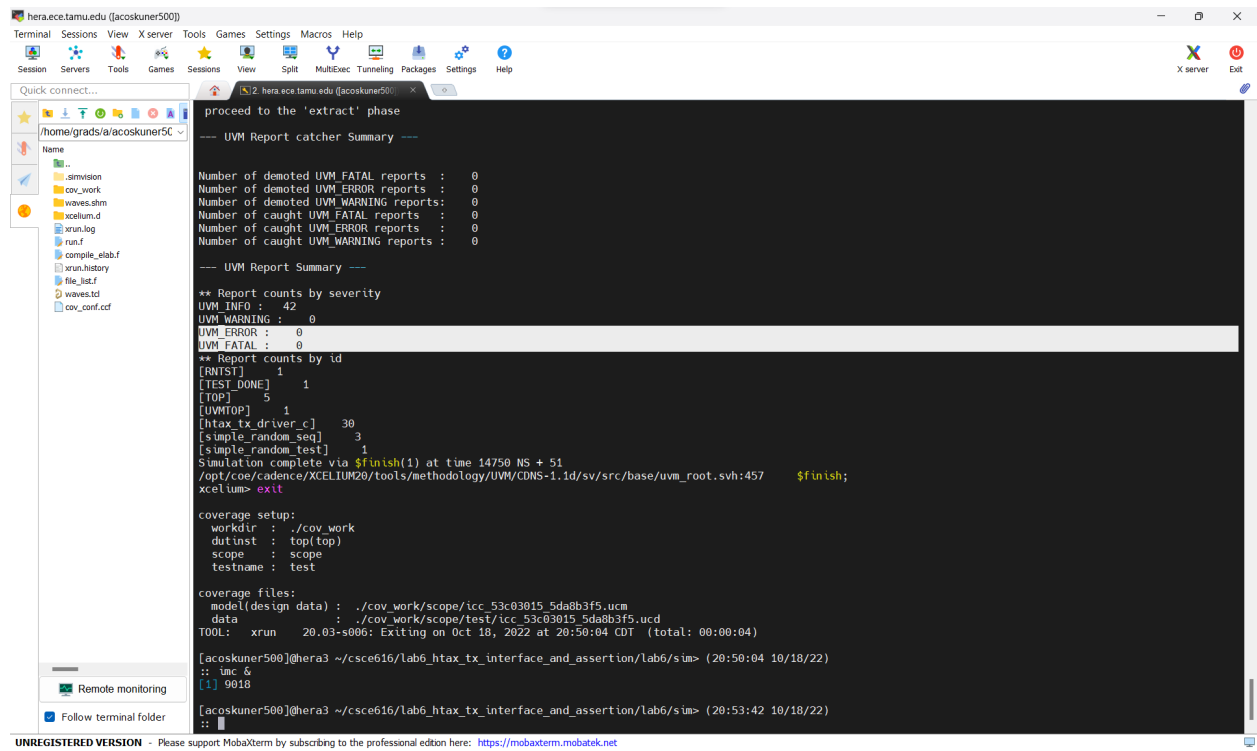


Figure 2. Console output showing no UVM errors



```
hera.ece.tamu.edu (jacoskuner500)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...
/home/grads/a/jacoskuner500
Name
simvision
cov_work
waves.svh
xcelium.d
xrun.log
run.f
compile_elab.f
xrun.history
file_jst.f
waves.tcl
cov_conf.cdf

proceed to the 'extract' phase
--- UVM Report catcher Summary ---
Number of demoted UVM_FATAL reports : 0
Number of demoted UVM_ERROR reports : 0
Number of demoted UVM_WARNING reports : 0
Number of caught UVM_FATAL reports : 0
Number of caught UVM_ERROR reports : 0
Number of caught UVM_WARNING reports : 0
--- UVM Report Summary ---
** Report counts by severity
UVM INFO : 42
UVM WARNING : 0
UVM_ERROR : 0
UVM_FATAL : 0
** Report counts by id
[RNTST] 1
[TEST_DONE] 1
[TOP] 5
[UVM] 1
[htax_tx_driver_c] 30
[sample_random_seq] 3
[sample_random_test] 1
Simulation complete via $finish(1) at time 14750 NS + 51
/opt/coe/cadence/XCELIUM20/tools/methodology/UVM/CDNS-1.1d/sv/src/base/uvm_root.svh:457 $finish;
xcelium> exit

coverage setup:
workdir : ./cov_work
dutinst : top(top)
scope : scope
testname : test

coverage files:
model(design data) : ./cov_work/scope/icc_53c03015_5da8b3f5.ucm
data : ./cov_work/scope/test/icc_53c03015_5da8b3f5.ucd
TOOL: xrun 20.03-s060: Exiting on Oct 10, 2022 at 20:50:04 CDT (total: 00:00:04)

[jacoskuner500]@hera3 ~/csce616/Lab6_htax_tx_interface_and_assertion/Lab6/sim> (20:50:04 10/18/22)
:: tmc &
[1] 9018

[jacoskuner500]@hera3 ~/csce616/Lab6_htax_tx_interface_and_assertion/Lab6/sim> (20:53:42 10/18/22)
::
```

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