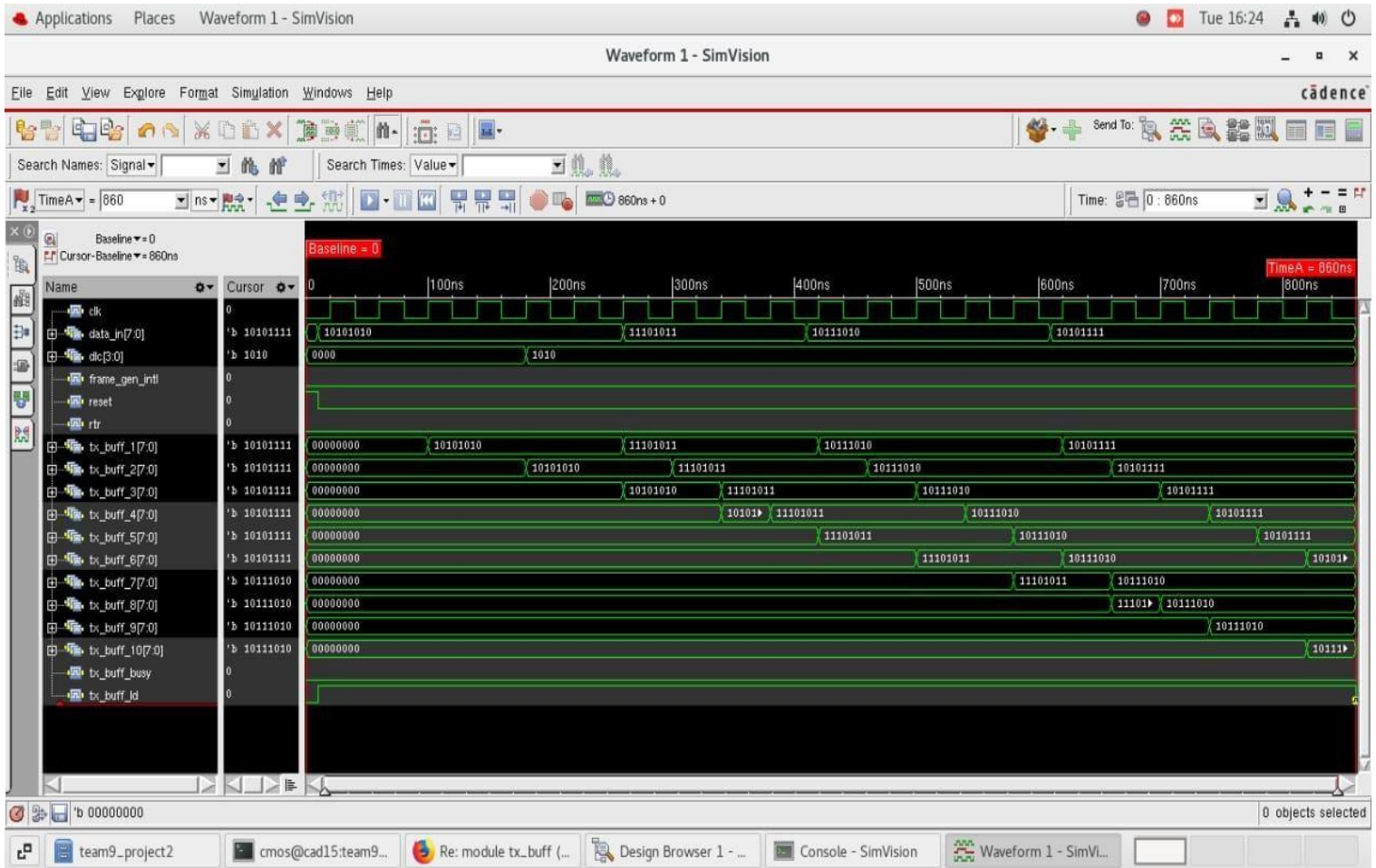


Functional and formal verification of **digital design**

Transmitter Buffer

Waveform:



IMC Analysis: code coverage

The screenshot displays the Cadence IMC (64) [Analysis - Metrics] window, which provides a comprehensive view of code coverage analysis results. The interface is divided into several panes:

- Verification Hierarchy:** A tree view on the left showing the hierarchy of verification metrics. It includes 'Verification Metrics', 'Types', 'Instances', and 'bx_buff_tb'.
- Metrics Table:** A table in the center showing the overall average grade and coverage for each metric. The table has columns for 'Name', 'Overall Average Grade', 'Overall Covered', and 'Assertion Status Grade'.
- Relative Elements:** A table on the right showing the relative elements of the metrics. It includes columns for 'Name', 'Overall Average Grade', and 'Ove Cov'.
- Details:** A pane on the right showing the details of the selected metric, including its source and attributes.

The 'Metrics' table shows the following data:

Name	Overall Average Grade	Overall Covered	Assertion Status Grade
(no filter)	(no filter)	(no filter)	(no filter)
Verification Metrics	84.88%	380 / 49...	n/a
Types	84.88%	190 / 24...	n/a
Instances	84.88%	190 / 24...	n/a
bx_buff_tb	84.88%	190 / 24...	n/a
uut	84.05%	98 / 128 ...	n/a

The 'Relative Elements' table shows the following data:

Name	Overall Average Grade	Ove Cov
(no filter)	(no filter)	(no filter)
Types	84.88%	190
Instances	84.88%	190

The 'Details' pane shows the following data:

Name	Overall Average Grade	Ove Cov
Overall	84.88%	380
Code	84.88%	380
Block	97.73%	86 /
Expression	n/a	0 /
Toggle	72.04%	294
FSM	n/a	0 /
Functional	n/a	0 /
Assertion	n/a	0 /
CoverGroup	n/a	0 /

The bottom status bar shows the loaded run path: `./cov_work/scope/test`. The taskbar at the bottom includes icons for team9_project2, testbench cases..., cmos@cad15.te..., Design Browser..., Console - SimVi..., Waveform 1 - Si..., and IMC (64) [Analys...].