

Scheduler Analysis

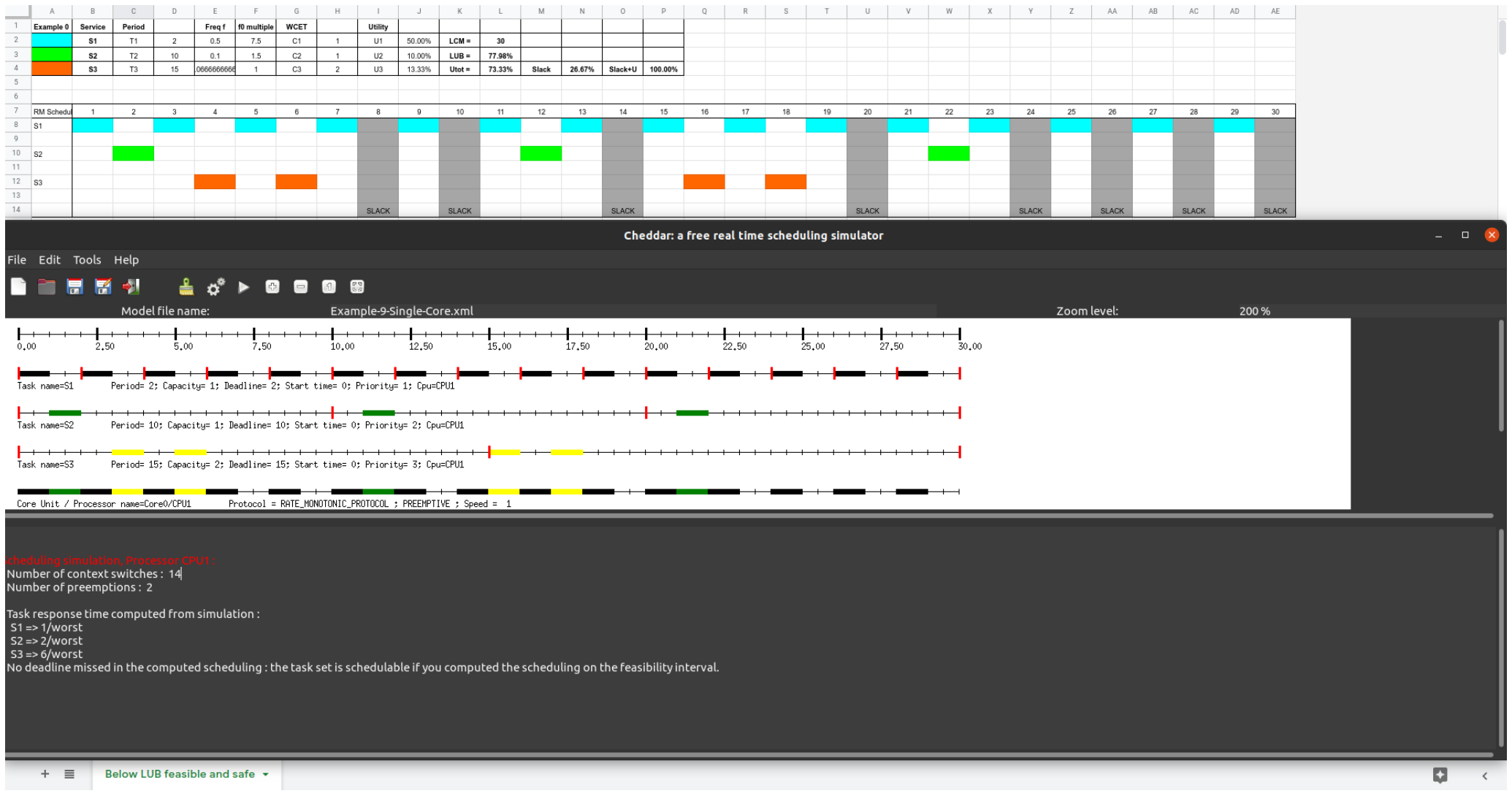
Summary for overall analysis:

- Cheddar and manual analysis for the first four examples exactly match.
- Example 5: (Over LUB and not feasible) all cases match, except that Cheddar assign missed time slots to next (major time/period) accumulating more missed instances than manual calculations which disregarded the case totally. If missed task, drop.
- Example 5: Analysis Performed using Javascript snippets exclusively assigning the processor to each task when needed.

Link to manual analysis:

<https://docs.google.com/spreadsheets/d/1IR4bMD8yw0faVBCVySLW9kU17BmxLU8vNfiBCgwdwOQ/edit?usp=sharing>

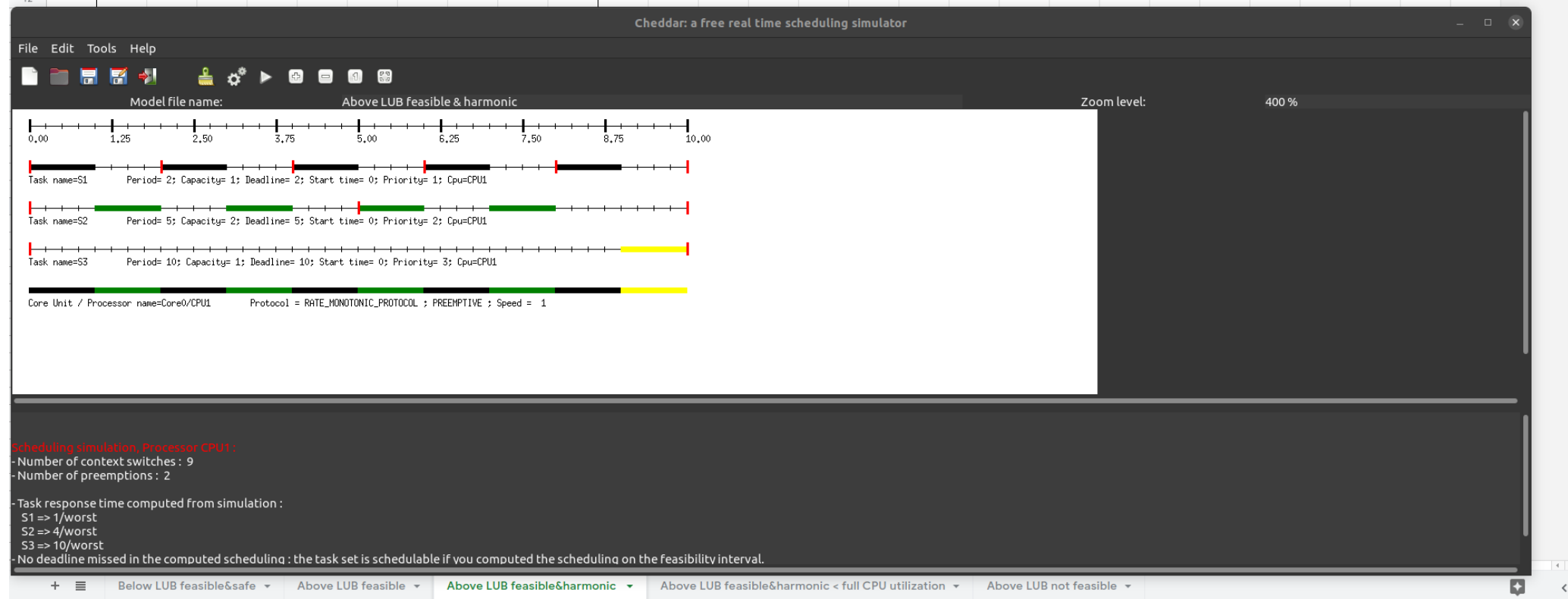
The below LUB feasible and safe scenario:



The above LUB feasible scenario:

[illegible]

The above LUB feasible and harmonic scenario:

[illegible]

The above LUB feasible and harmonic scenario with less than full CPU utilization:

[illegible]

The above LUB not feasible:

[illegible]