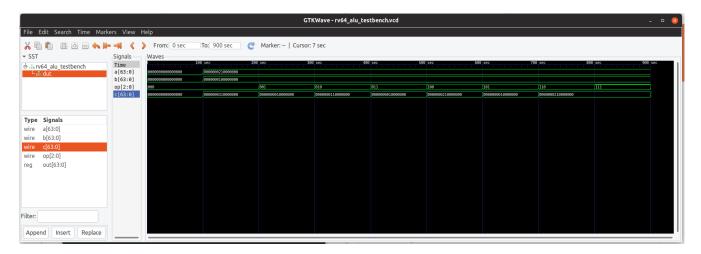Above: problem 5 waveform.

Above: problem 6 waveform.