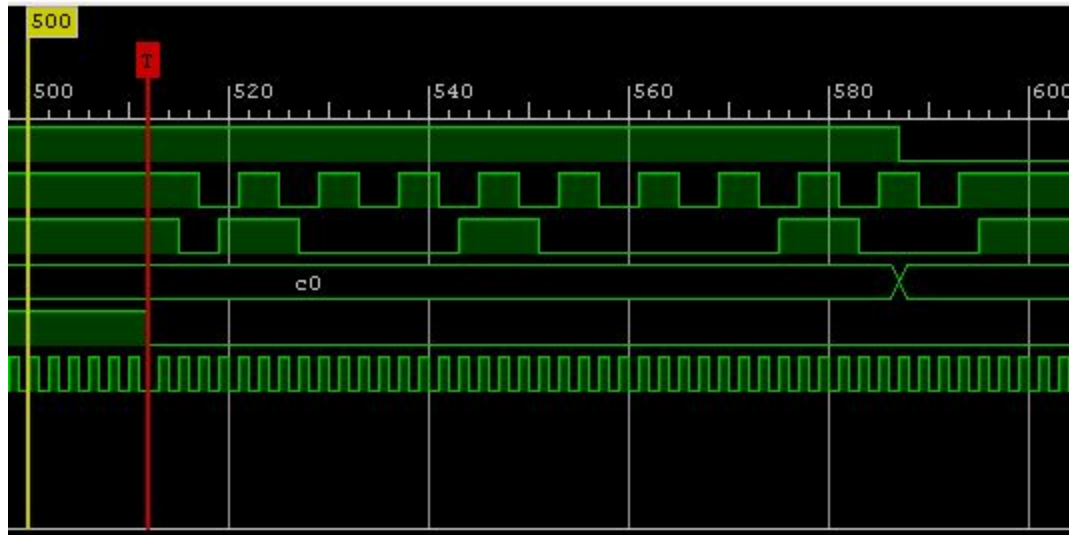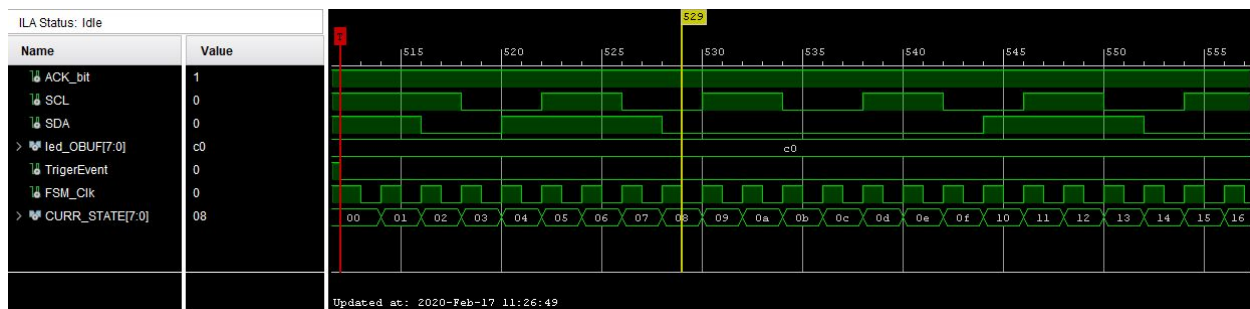Checkpoint 1:
500-600 sample

Waveform with state variable added on jteg

Postlab questions:
1. 400kHz max
2. You would loop through your state machine to get more readings.
3. -55C to 150C
4. .0078C at 16-bit configuration. 0.0625 at 13bit resolution