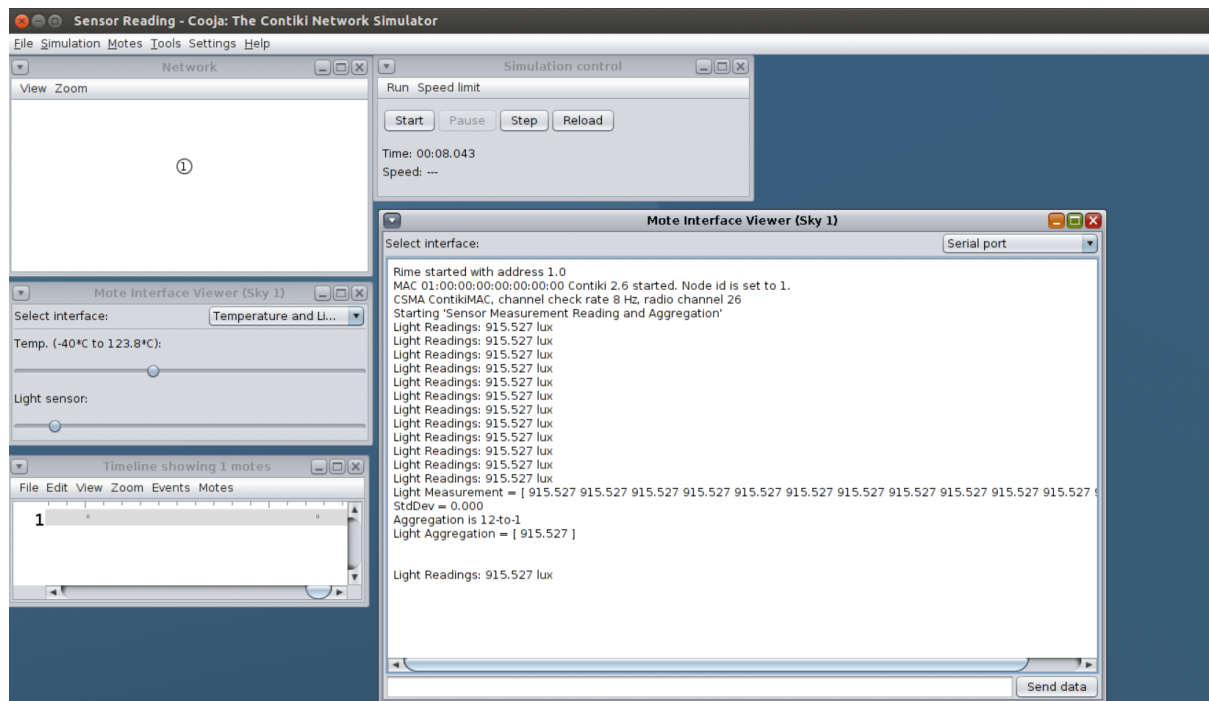
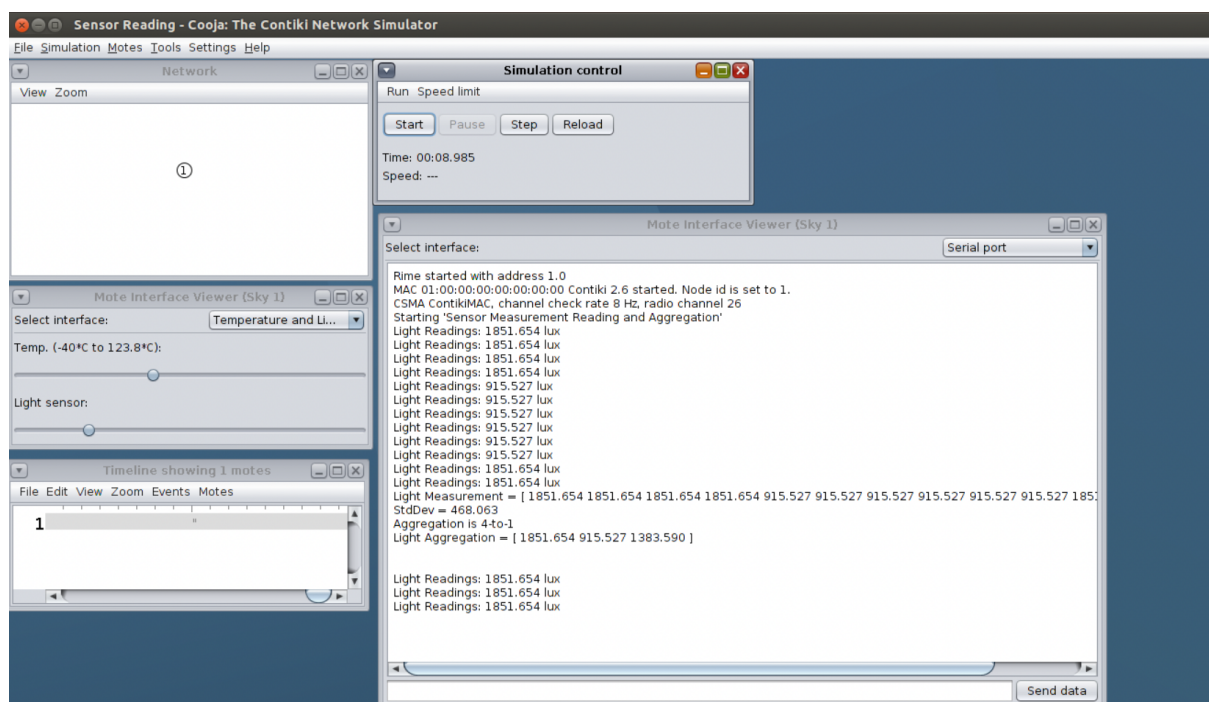


Aggregation Algorithm Screenshots

Low-Level Activity



Mid-Level Activity



High-Level Activity

The screenshot displays the Cooja: The Contiki Network Simulator interface. The main window is titled "Sensor Reading - Cooja: The Contiki Network Simulator" and contains several panels:

- Network:** A panel with a "View Zoom" button and a single node icon labeled "1".
- Simulation control:** A panel with "Run Speed limit" controls, including "Start", "Pause", "Step", and "Reload" buttons. It shows "Time: 00:37.139" and "Speed: ---".
- Mote Interface Viewer (Sky 1):** A panel with a "Select interface:" dropdown menu set to "Temperature and U...". It displays "Temp. (-40°C to 123.8°C):" and "Light sensor:" sliders.
- Timeline showing 1 mote:** A panel with a "File Edit View Zoom Events Motes" menu and a timeline view showing a single event labeled "1".
- Output Log:** A large text area on the right displaying simulation output, including MAC address, channel check rate, radio channel, and sensor readings.

The output log contains the following text:

```
Rime started with address 1.0
MAC 01:00:00:00:00:00 Contiki 2.6 started. Node id is set to 1.
CSMA ContikiMAC, channel check rate 8 Hz, radio channel 26
Starting 'Sensor Measurement Reading and Aggregation'
Light Readings: 915.527 lux
Light Readings: 915.527 lux
Light Readings: 2787.781 lux
Light Readings: 7468.414 lux
Light Readings: 7468.414 lux
Light Readings: 7468.414 lux
Light Readings: 357.055 lux
Light Readings: 357.055 lux
Light Readings: 7866.668 lux
Light Readings: 7917.022 lux
Light Readings: 7917.022 lux
Light Readings: 153.350 lux
Light Measurement = [ 915.527 915.527 2787.781 7468.414 7468.414 7468.414 357.055 357.055 7866.668 7917.022 7917.022 153.350 ]
StdDev = 3445.864
Aggregation is 12-to-12
Light Aggregation = [ 915.527 915.527 2787.781 7468.414 7468.414 7468.414 357.055 357.055 7866.668 7917.022 7917.022 153.350 ]

Light Readings: 613.403 lux
Light Readings: 8427.429 lux
Light Readings: 9372.710 lux
Light Readings: 9372.710 lux
Light Readings: 9372.710 lux
Light Readings: 9372.710 lux
Light Readings: 9372.710 lux
Light Readings: 9372.710 lux
```