

**Voltage - Continuous Input.vi**



This example demonstrates how to continuously acquire buffered voltage measurements using a DAQmx device.

For instructions on how to connect your signals to the DAQ device, refer to your device documentation.

Dev2/ai0

Maximum Voltage

5

Minimum Voltage

-5

Terminal Configuration ( I )

RSE

Current Channel

Set both channels before starting.

Dev1/ai0

Maximum Current

1.411

Minimum Current

1.409

Terminal Configuration ( V )

RSE

Timing Settings

Sample Clock

OnboardClock

Sample Rate

5

Actual Sample Rate

5.00

Number of Samples

25

Actual Sample Rate

5.00

Logging Settings

Logging Mode

Off

TDMS File Path

TDMS File Path 2

Voltage (Volts)

5.0

4.5

4.0

3.5

3.0

2.5

2.0

1.5

1.0

0.5

0.0

0.000

0.005

0.010

0.015

0.020

0.025

0.030

Hours

Power (Watts)

5.0

4.5

4.0

3.5

3.0

2.5

2.0

1.5

1.0

0.5

0.0

0.000

0.005

0.010

0.015

0.020

0.025

0.030

Hours

Cummulative Energy Consumption

0.0552603 Wh

Stop

Trigger Type

No

To clear graph and restart, right click on graph board; then select Data Operations>>Clear Graph.

Trigger Settings

To configure and use a start trigger you must have the necessary tab selected above. Not all hardware supports triggering - refer to your device documentation for more info. Set to Type "No" for NI USB-6001 voltage measurement unit.

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