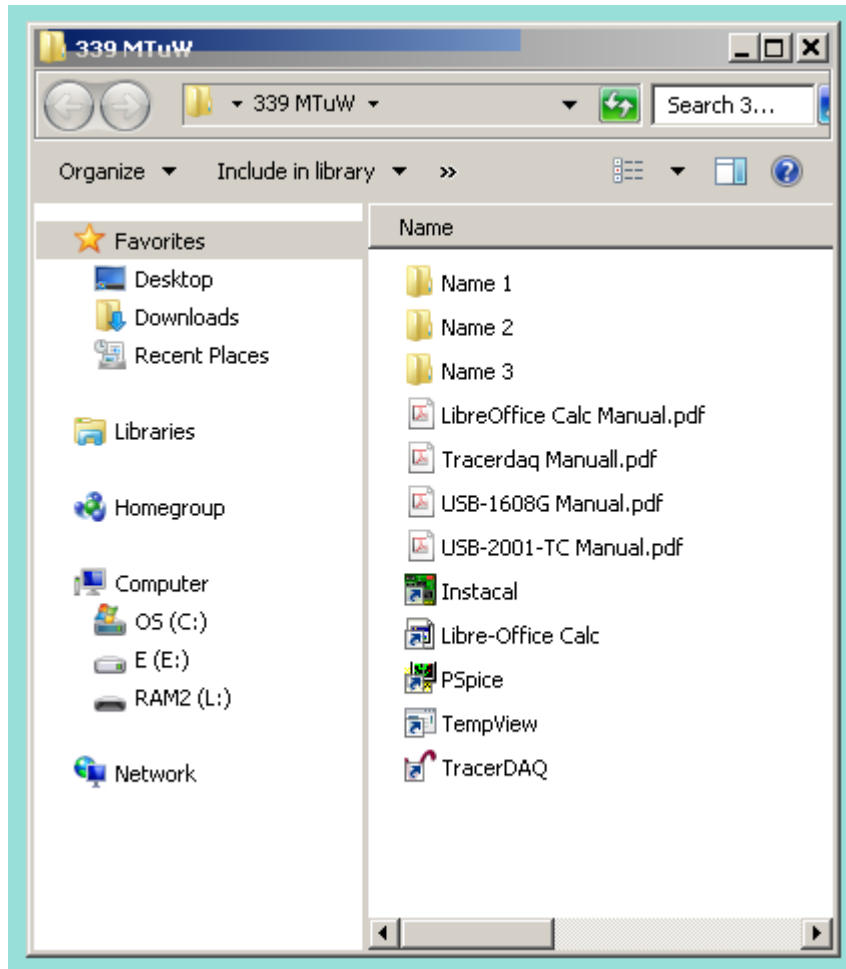


ELE339, Electronics I Laboratory
Setting up the Data Acquisition software (Tracer DAQ)

M Tu Wd Folders



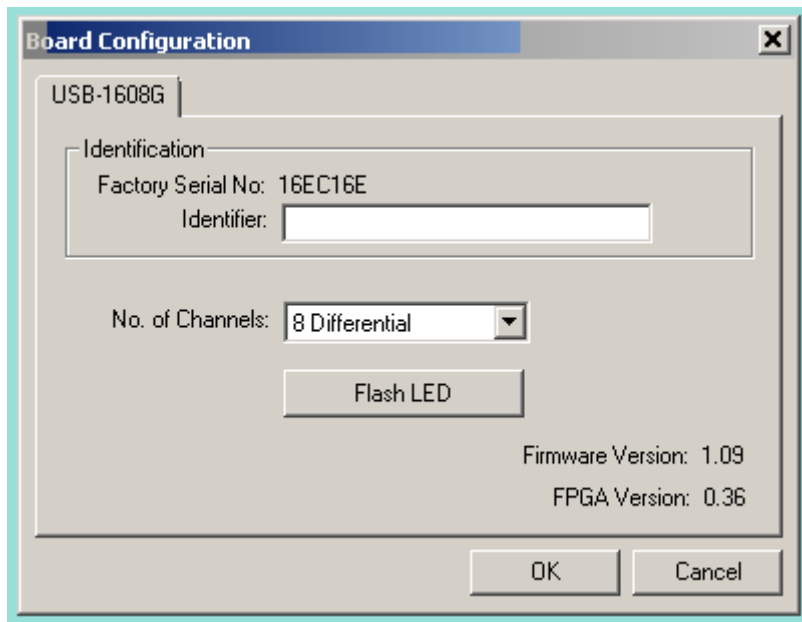
Open Instacal



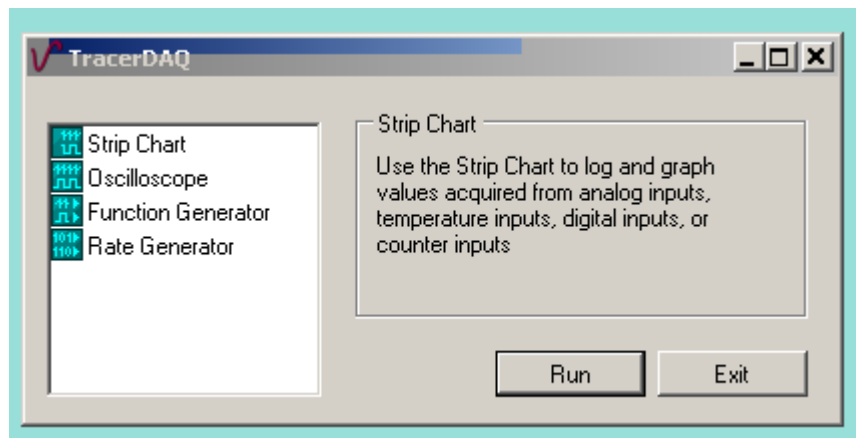
Double-click on **Board# 0...**



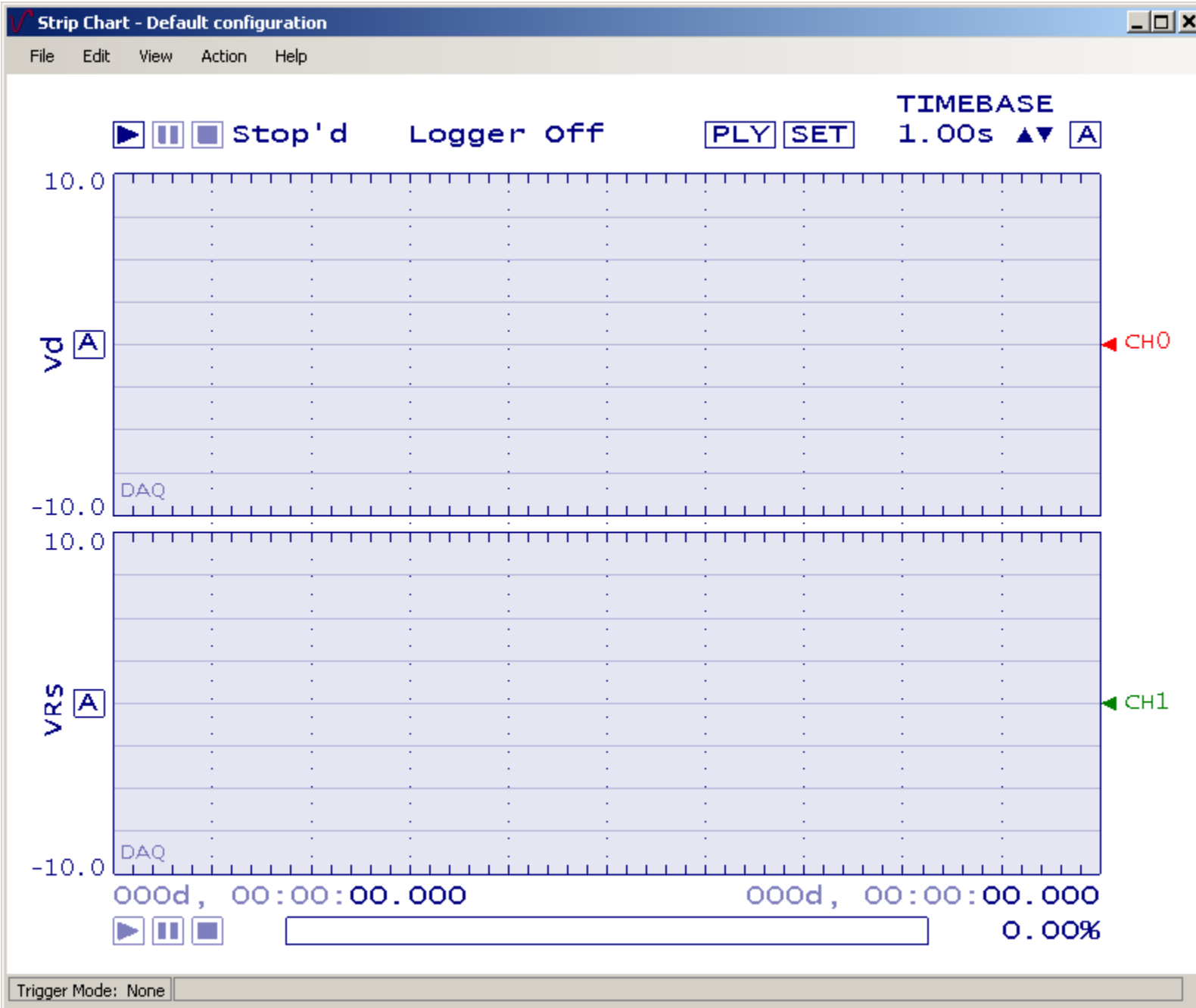
Setup and click OK



Open TracerDAQ and double-click on **Strip Chart**

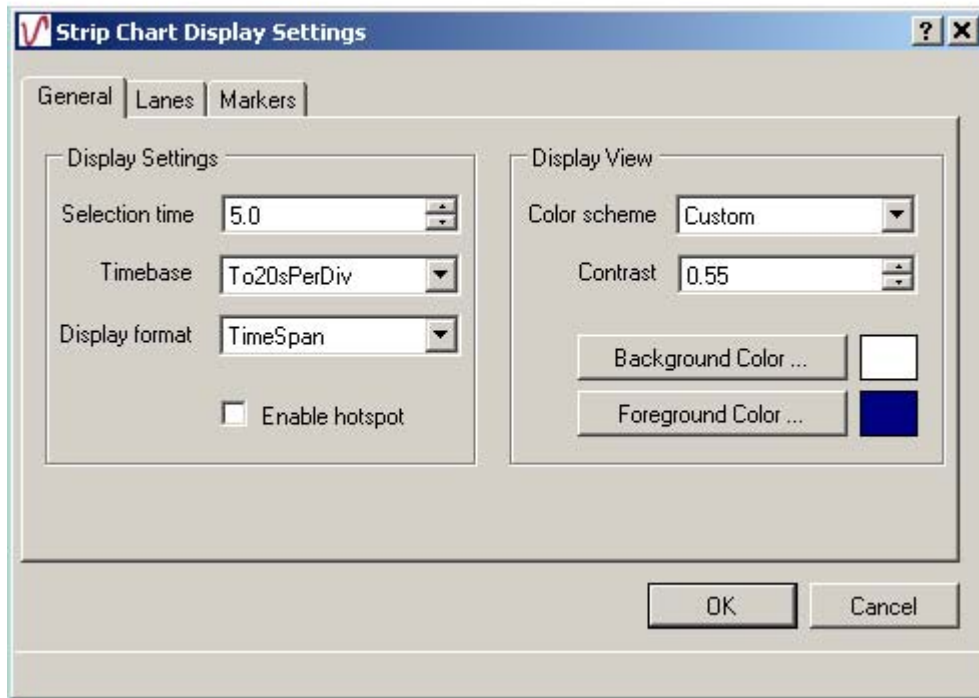


Left-click **Edit**



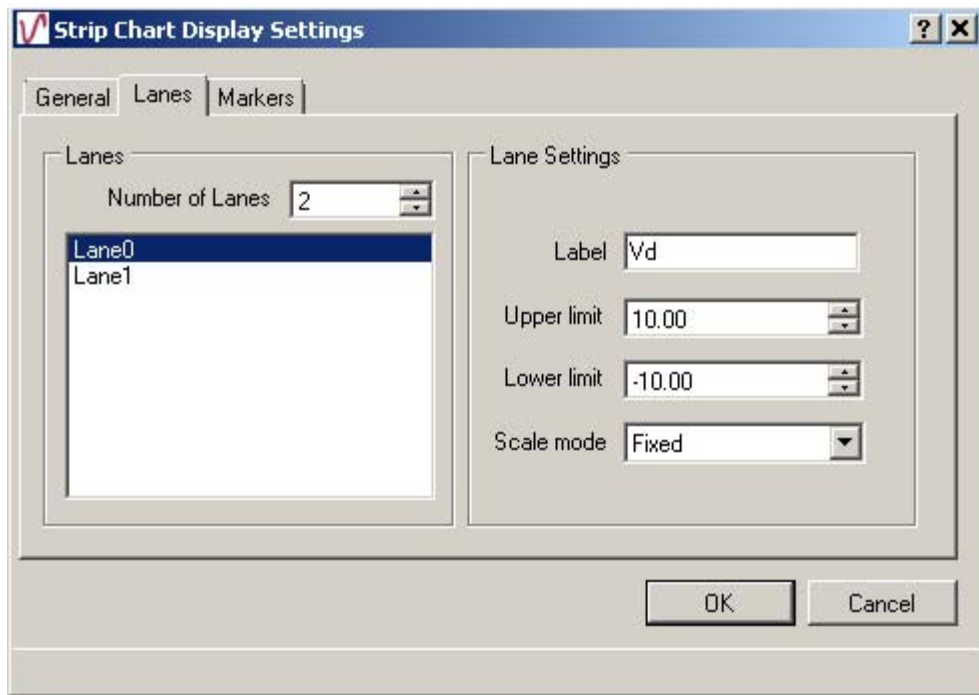
Click **Edit** and **Display Settings**

11:58:19 AM 8/30/2012



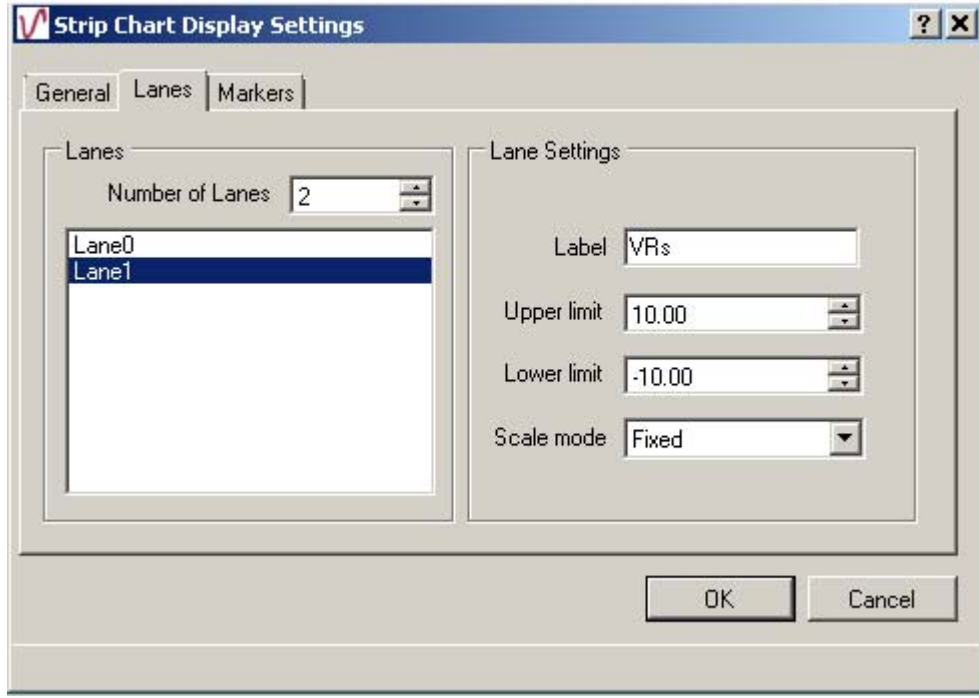
Click **Lanes**

11:47:14 AM 8/30/2012



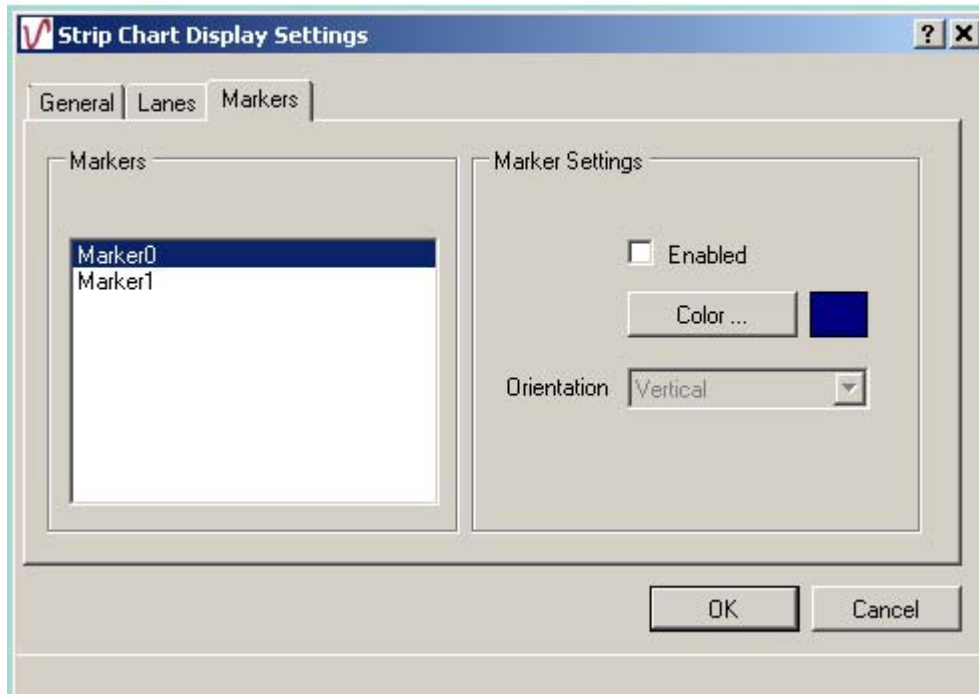
Click **Lane 1**

11:50:32 AM 8/30/2012



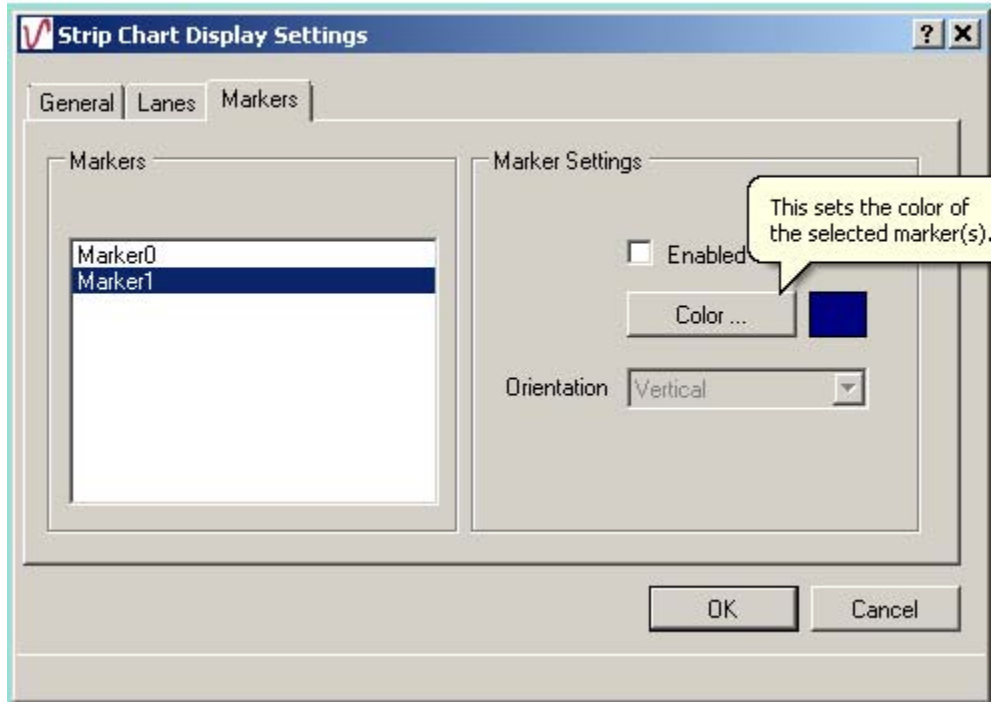
Click **Markers** Uncheck **Enabled**

11:59:44 AM 8/30/2012



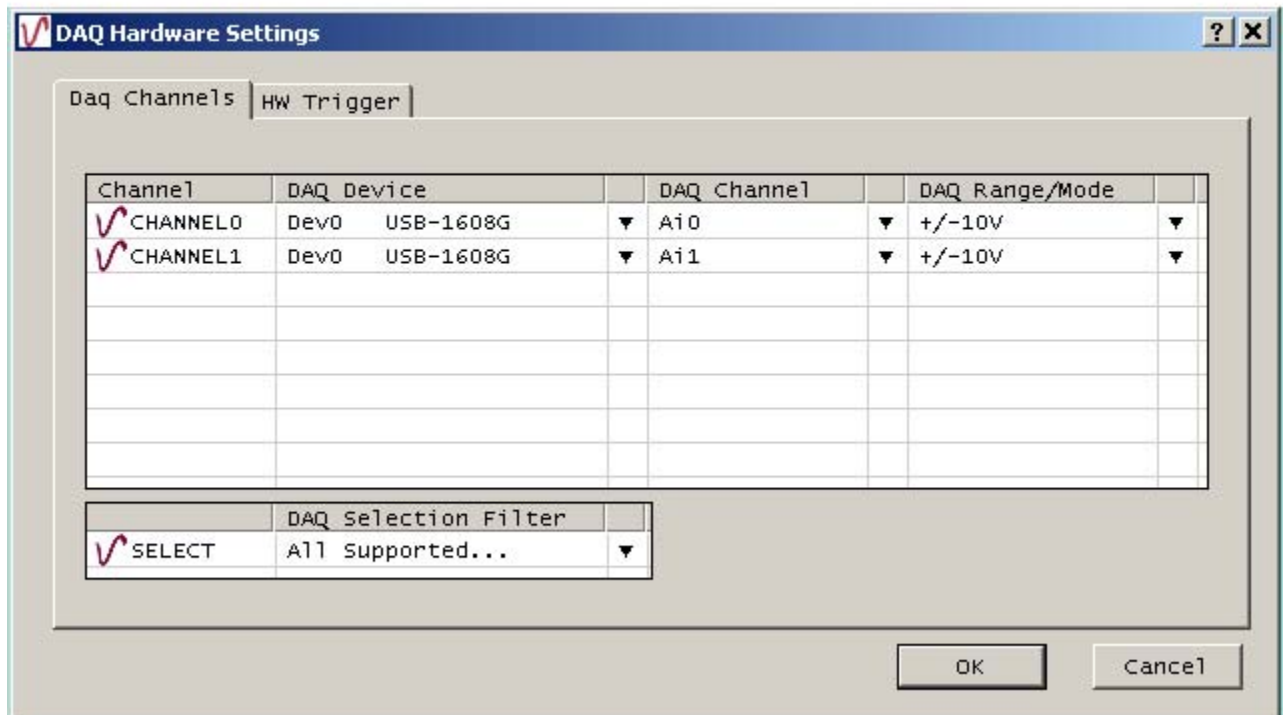
Click **Marker 1** Uncheck **Enabled** and **OK**

12:00:56 PM 8/30/2012

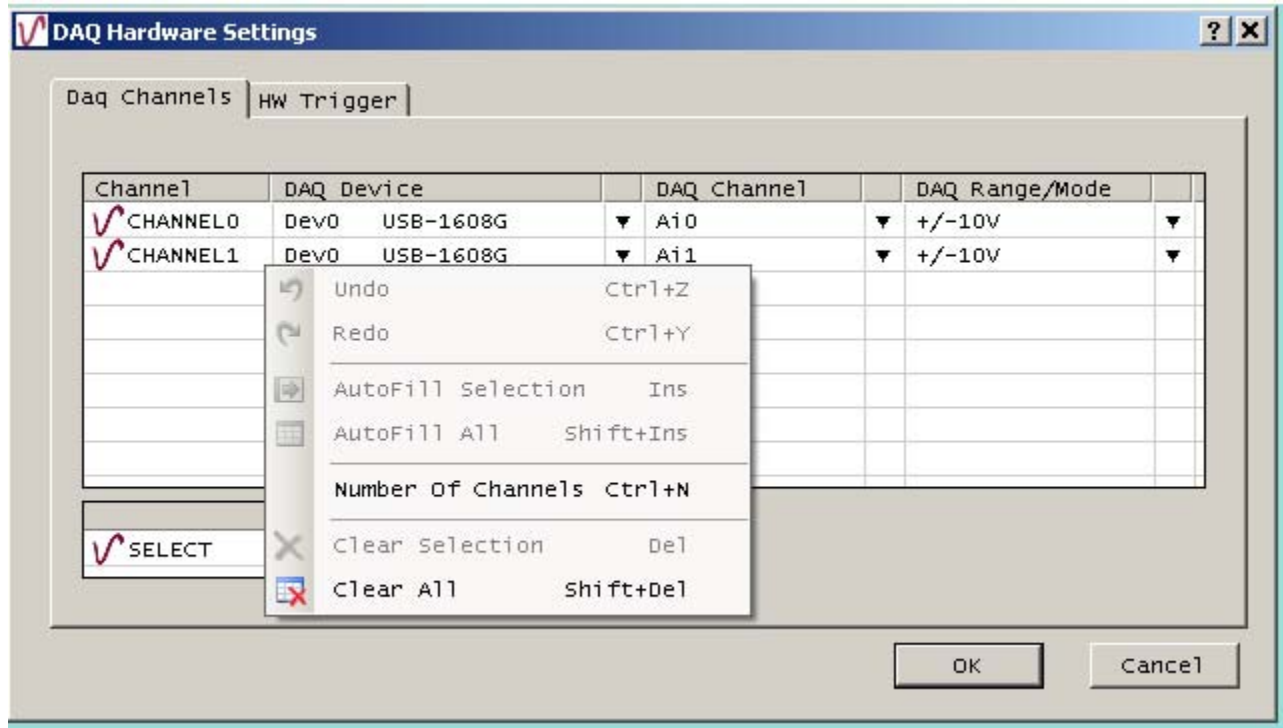


Click **Edit** and **DAQ Hardware settings**

11:36:22 AM 8/30/2012



Right-click CHANNEL1



click **Number of Channels** Set to **2** and click **OK**

7:43:58 PM 8/30/2012

▶ || ■ stop'd Logger off [PLY] [SET] TIMEBASE 20.0s ▲▼ [A]

1.00

Vd [A]

0.00

10.0

VRS [A]

1.00

000d, 00:00:00.000 000d, 00:00:00.000 0.00%

▶ || ■

Trigger Mode: None

DAQ Hardware Settings

Daq Channels | HW Trigger

Channel	DAQ Device	DAQ Channel	DAQ Range/Mode
<input checked="" type="checkbox"/> CHANNEL0	Dev0 USB-1608G	A10	+/-10V
<input checked="" type="checkbox"/> CHANNEL1	Dev0 U		+/-10V

Number Of Channels

Number of Channels: 2

OK Cancel

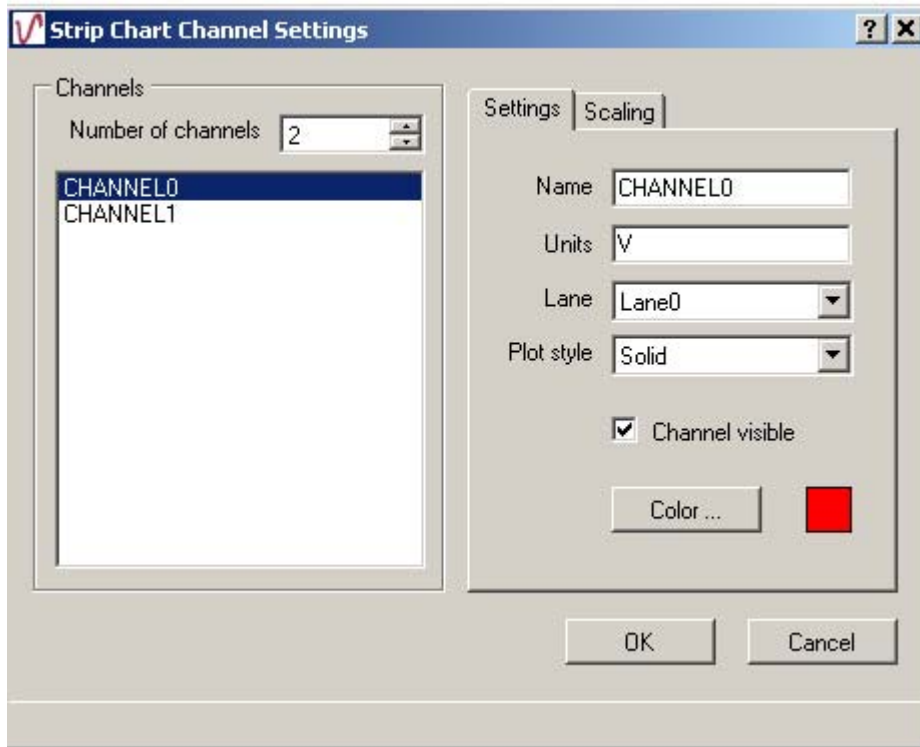
OK Cancel

DAQ Selection Filter

Filter	Filter
<input checked="" type="checkbox"/> SELECT	All supported...

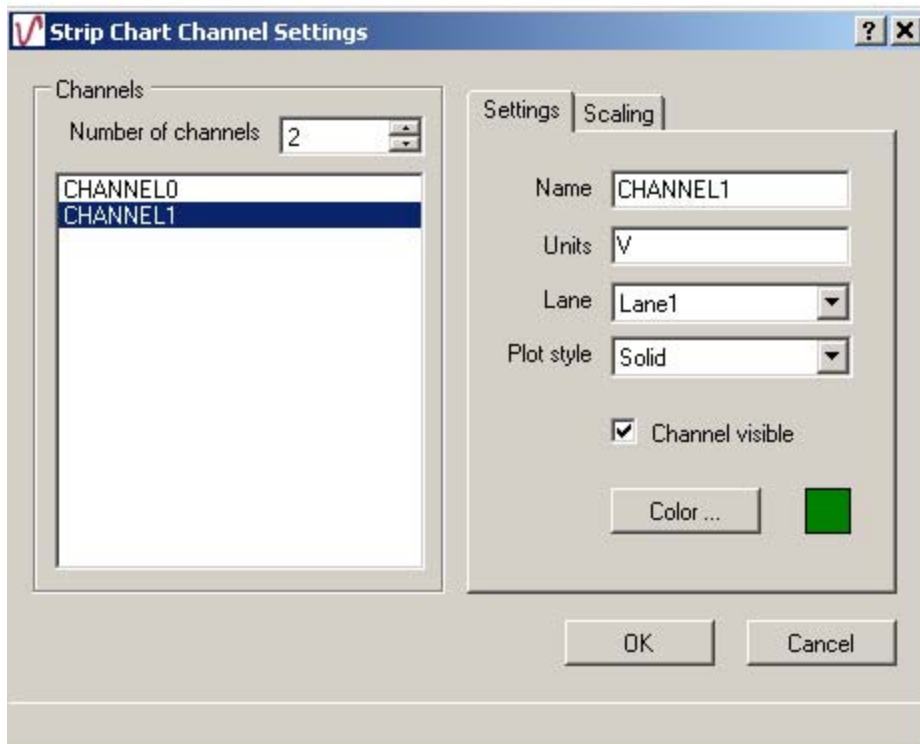
Click **Edit** and **Strip Chart Channel Settings**

11:52:09 AM 8/30/2012



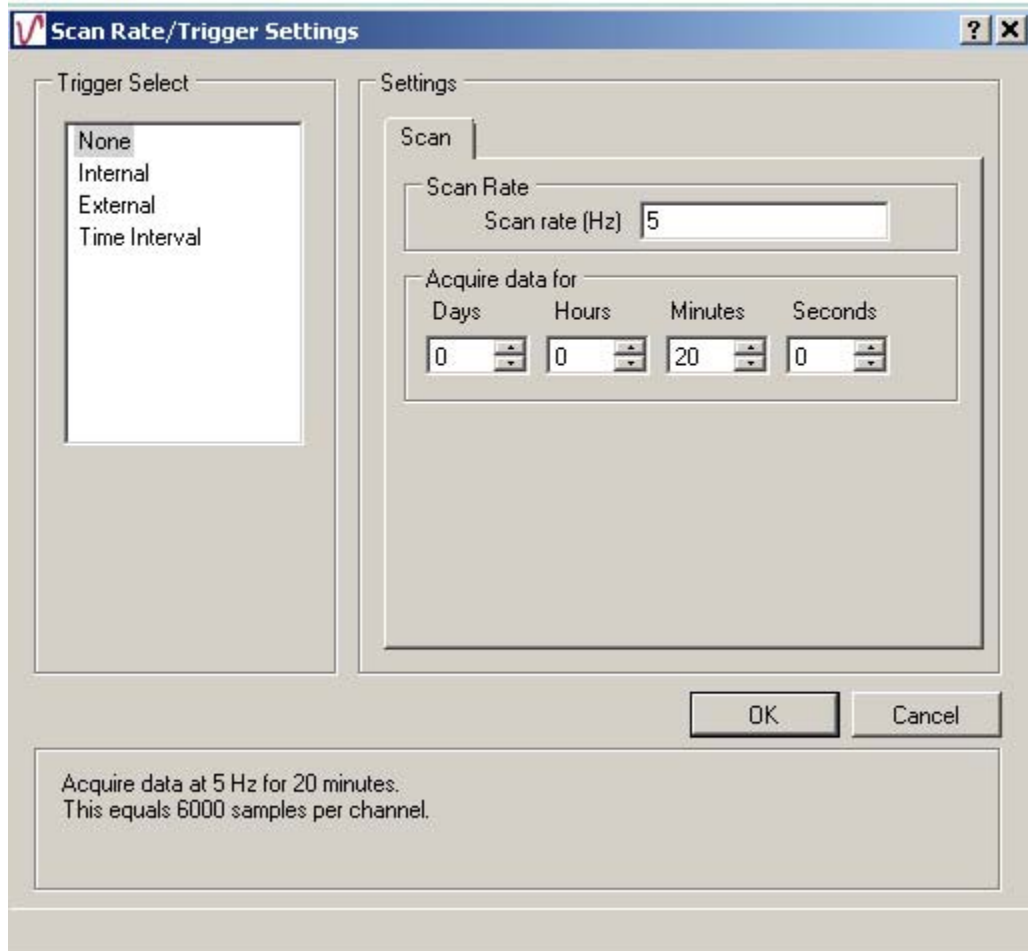
Click **CHANNEL1** and set **Lane** to **Lane1** and click **OK**

11:54:15 AM 8/30/2012



Click **Edit** and **Scan Rate/Trigger settings** setup and **OK**

11:56:35 AM 8/30/2012



Scan Rate/Trigger Settings

Trigger Select

- None
- Internal
- External
- Time Interval

Settings

Scan

Scan Rate

Scan rate (Hz) 5

Acquire data for

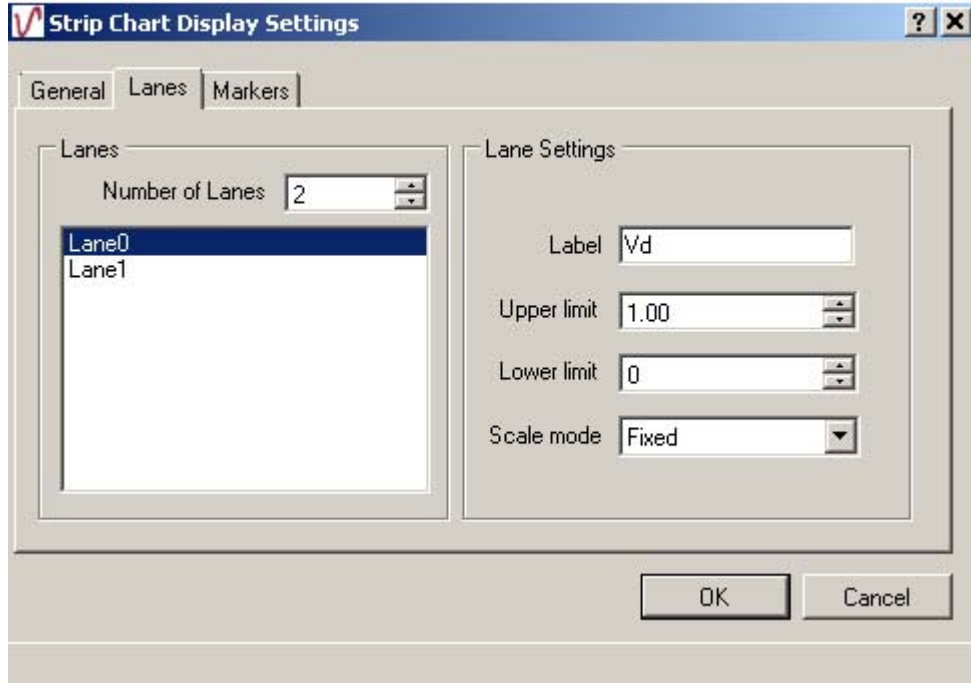
Days	Hours	Minutes	Seconds
0	0	20	0

OK Cancel

Acquire data at 5 Hz for 20 minutes.
This equals 6000 samples per channel.

Click **Edit** and **Display Settings** and **Lanes**.

8:08:06 PM 8/30/2012



Click **Lane1**

8:09:56 PM 8/30/2012

