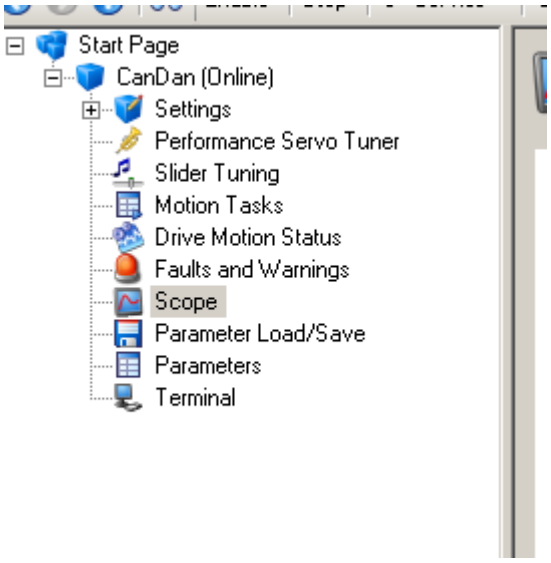
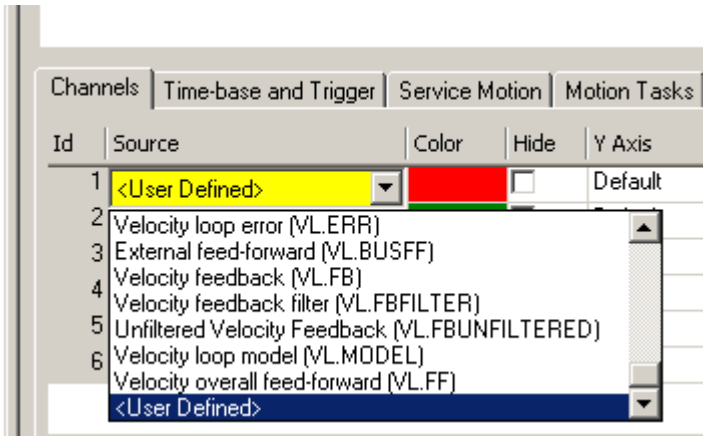
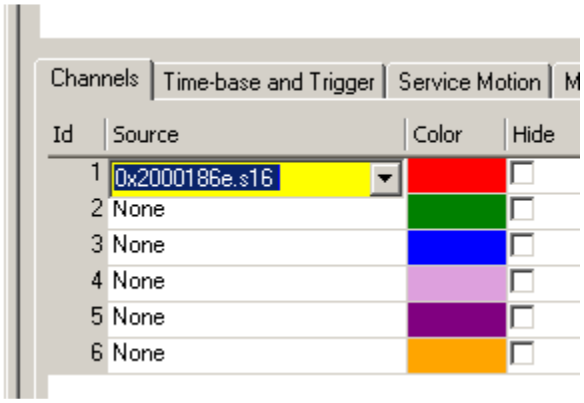
1. Open Workbench
2. Select scope from the tree on the right



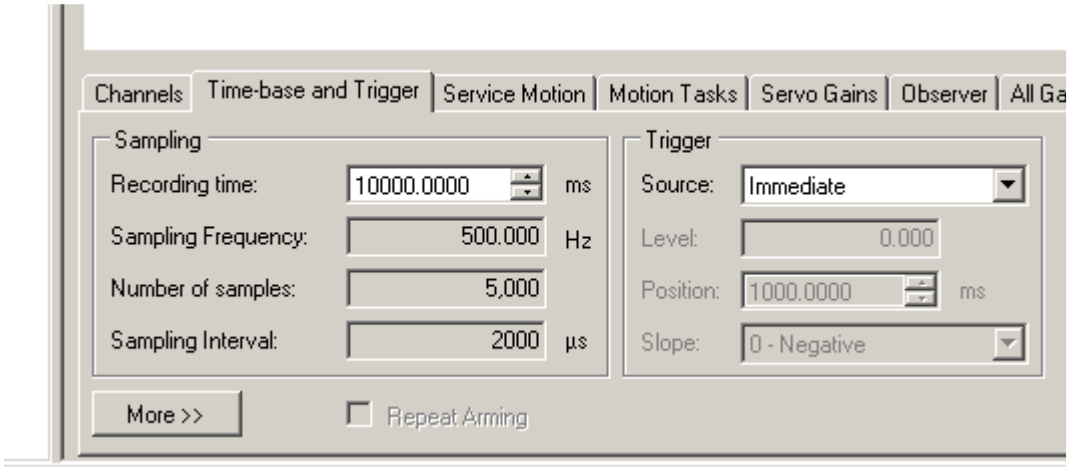
3. Click on the “CHANNELS” tab and then select "<User Defined>” from the pull down menu:



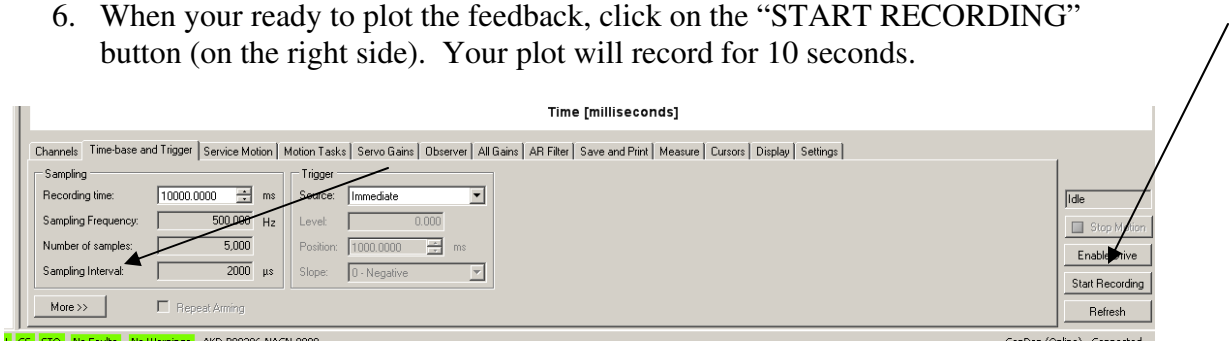
4. Replace "<User Defined>” with 0x2000186e.s16".



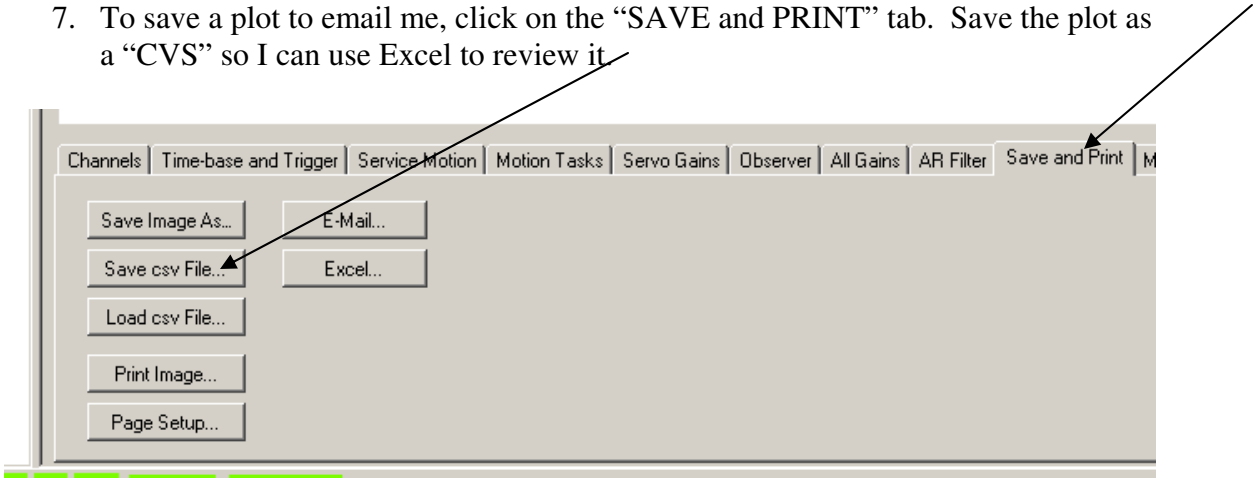
5. Now click on the “TIMEBASE AND TRIGGER” tab. Set up as seen below:



6. When your ready to plot the feedback, click on the “START RECORDING” button (on the right side). Your plot will record for 10 seconds.



7. To save a plot to email me, click on the “SAVE and PRINT” tab. Save the plot as a “CVS” so I can use Excel to review it.



8. The results are in counts. The signal is (sin^2 + cos^2)/2. What we are looking for is for this signal not to dip below 5347 counts or go above 15000 counts with ~12000 being the typical.