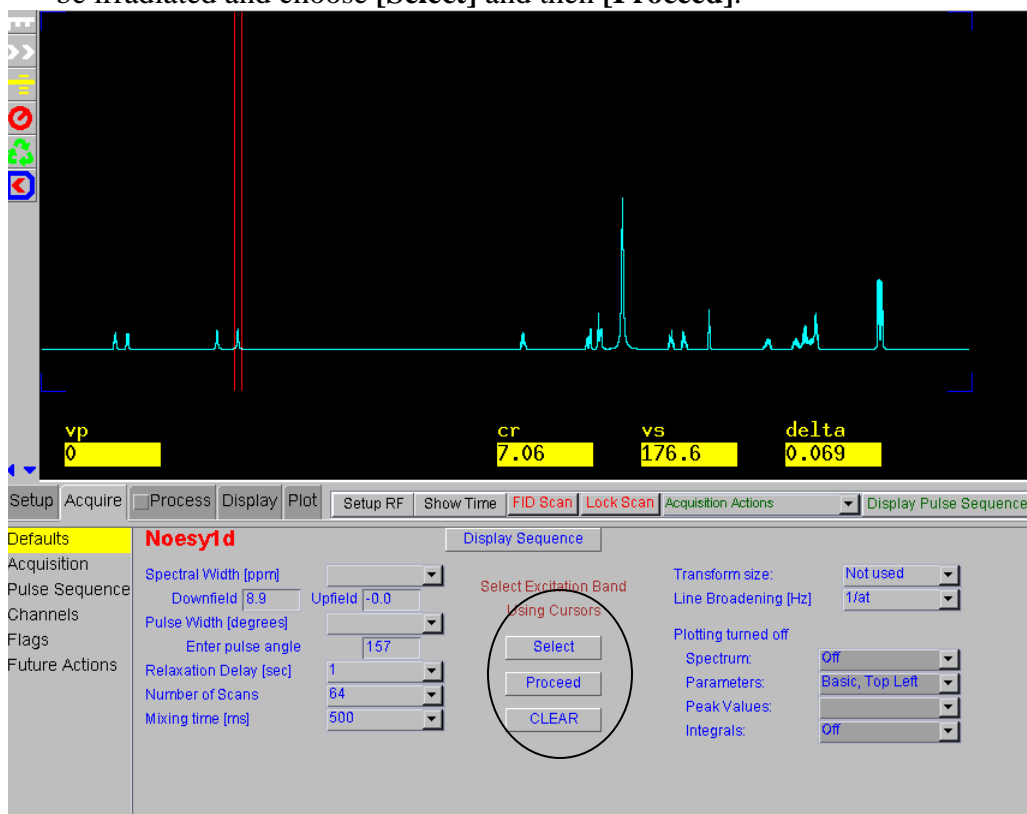
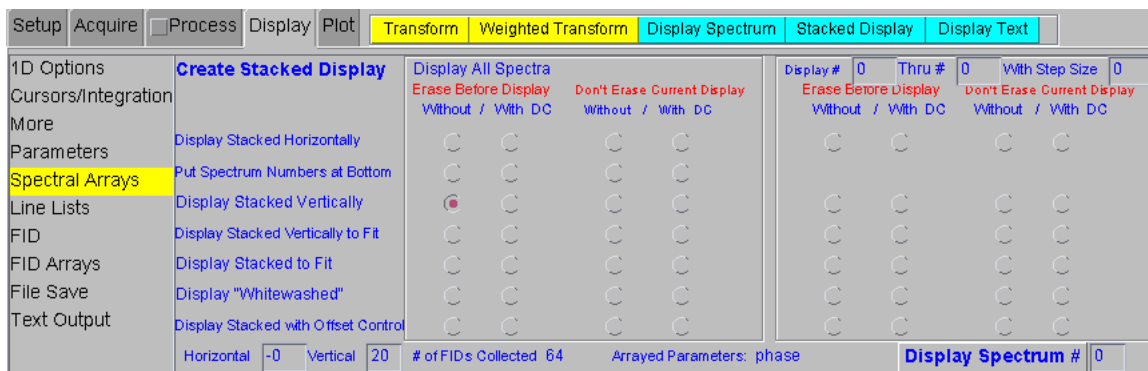


1D Selective Excitation Experiments in VNMRj 1.1D exper/BioPack interface (1D TOCSY, 1D NOESY)

1. Collect a 1-D spectrum and optimize the parameters. Find pw90 in exp1.
2. Join exp2 and move the parameters to exp 2.
3. Collect the 1-D spectrum again in this experiment space and display the spectrum.
4. In the upper menu bar, select **Experiments->Selective excitation 1D -> Noesy1d or Tocsy1d**.
5. In the lower parameter panels, select **Acquire -> Defaults** menu. In the center of this panel are [Select] and [Proceed] buttons. Set the cursors around the peak to be irradiated and choose [Select] and then [Proceed].



6. Adjust any other parameters including nt, mix, at, and d1.
7. In the menu across the top of the parameter panels select **Acquisition Actions->Acquire then Process**
8. To process and display a 1-D TOCSY: in the parameter panels select **Process->Process** and [**Auto FT & Stack**]. The spectra may need to be phased. To phase the first spectrum use >ds(1) in the command line or >ds(2) to phase the 1-D tocsy spectrum. To display the spectra in the screen, select **Display->Spectral Arrays**. In this panel, there are selections for displaying stacked vertically or horizontally. Near the bottom of this panel are boxes for selecting the horizontal and vertical offsets for this display.



- To process and display a 1-D NOESY: use the **[Transform]** button on the top of the parameter panels or select **Process-> Process** and select **[with weighting]** or **[without weighting]**. Alternatively, use **>wft** in the command line. The 1D NOESY is only one spectrum, not an array. Phase the spectrum with the irradiated peak negative. To display the spectrum, use **Display->More**. On the bottom of this panel is a number for Baseline offset. This is the equivalent of **vp** (vertical position) that can be set to move the spectrum up on the screen to display more of the negative peak if desired.