








TOPSPIN Processing Guide

revised 11-24-08

1. Opening Files and FTing Data


- Click on File -> Open and find your file name.
- Click OK. If multiple experiments were run with that filename, you may have to select an EXPNO.
- Type “**efp**” to FT your data.

2. Zooming In / Zooming Out




-  Increase/decrease vertical scale by factor of either 2 or 8.
-  Press LMB down while dragging mouse up/down to inc/dec vertical scale manually.
-  Scales to tallest peak.
-  Scales out full sweep width.
-  Moves spectrum upfield/downfield.
-  Moves spectrum up/down.
-  Switches scale between Hz and ppm.

3. Zooming In / Out Using the Mouse


4. Manual Phasing

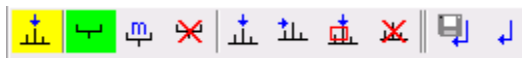
- Click on  to enter phase mode.
- The buttons above your spectrum should look like this:





- Click and hold the LMB on the  button to perform zero-order phasing.
- Click and hold the LMB on the  button to perform first-order phasing.
- Click on  to save and return when you are done phasing.



5. Calibrating the Spectrum

- Click on .



- b. Place your cursor in the upper left hand corner of the spectrum.
- c. Click and drag LMB down to the lower right hand corner of the spectrum.
- d. The maximum and minimum are automatically set based on the region you select.
- e. To delete your peak picking regions, click .
- f. Click on  to save and return.

8. Manual Peak Picking

- a. Click on  to manually select peaks. A red cursor will appear.
- b. Click the LMB on each peak you want to pick.
- c. Click  to save and return.

9. Plotting

- a. Type 'xwinplot'.
- b. A default layout of the 1-D spectrum appears.
- c. To adjust the horizontal scale, move the crosshair into the spectrum area.
 1. Click the right mouse button.
 2. Select 'Edit'.
 3. Change the y-axis to be whatever range you need (ie 10 – 0 ppm)
 4. Click Close when you are done.
- d. To adjust the vertical scale, move the crosshair into the spectrum area.
 1. Click the right mouse button.
 2. Select '1D/2D-Edit'.
 3. Use the buttons to adjust the vertical scale of the spectrum.
 4. Click on Close when it is OK.
- e. Click on 'File'.
- f. Click on 'Print'.