

BRUKER DRX 400 NMR SPECTROMETER

HOW TO PRINT ¹H SPECTRA WITHOUT PEAK LABELS FOR REPORTS AND THESES

Many people prefer to use 11" x 17" paper to print routine spectra. On the other hand, 8 1/2" x 11" paper is required for reports and theses. It is much easier to print a fresh 8 1/2" x 11" spectrum, instead of photoreducing an 11" x 17" version. The image quality is improved when one uses an original, not a copy. Color is a much more cost-effective option, also.

1. Use the **Windows Start > Settings > Printers** menu item in the lower left-hand corner of the screen to view the Printers window.
2. Double-click on the **HP 2500C Series** icon to view the HP 2500C Series window.
3. Use the **Printer > Printing Preferences** menu item to view the HP 2500C Series Printing Preferences window.
4. Click on the **Advanced** button to view the HP 2500C Series Advanced Options window.
5. Click on the **Paper Size** pop-up menu and select the **Letter** option for 8 1/2" x 11" paper. Then click on the **OK** button to close the HP 2500C Series Advanced Options window.
6. Click on the **Paper/Quality** button. Then click on the **Paper Source** pop-up menu and select the **Tray 2** option. Click on the **Apply** button to save this preference. Then click on the **OK** button to close the HP 2500C Series Printing Preferences window.
7. Close the HP 2500C Series and Printers windows, also.
8. Return to the **XWIN-NMR 3.0** spectrum window. Then type **rpar protons.001 all** to load default parameters for 8 1/2" x 11" paper, and proceed as usual. (Note: The CY value for 8 1/2" x 11" paper is 12.9 cm with protons.001 parameters.)
9. Verify that sufficient 8 1/2" x 11" paper is loaded in tray number 2 of the HP 2500C printer.
10. Then type **plot** to commence printing.
11. Return the system to the default 11" x 17" printing parameters when you are finished printing all your report-size spectra. To do so, follow steps 1–4, above. Then click on the **Paper Size** pop-up menu and select the **Tabloid** option for 11" x 17" paper. Click on the **OK** button to close the HP 2500C Series Advanced Options window. Click on the **Paper/Quality** button. Then click on the **Paper Source** pop-up menu and select the **Automatically Select** option. Click on the **Apply** button to save this preference. Then click on the **OK** button to close the HP 2500C Series Printing Preferences window. Finally, close the HP 2500C Series and Printers windows, also.