

## Bruker User Library Submission

### Manchester Experiments release 1

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**Section:** liquids / TopSpin 4, Avance Neo

**Abstract** We provide pulse programs, au macros, parameter files for a set of experiments including various pure shift (i.e. homodecoupled) and diffusion NMR methods. See details in the accompanying file ManchesterExperiments\_README.pdf.

**Keywords:** pure shift, homodecoupling, broadband, Zangger-Sterk

**Contents:** pulse program (/lists/pp), au-macros (/au), example data (/data), parameter file (/par), experiment selector contents /par.catalog and README file.

**Compatibility:** The pulse program code was developed using on an Avance Neo spectrometer running TopSpin 4.0.7, but with the exception of the real-time HSQC and semi-real-time pure shift experiments it is expected to be compatible with legacy Avance systems and TopSpin 3.

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