

Bruker User Library Submission

Manchester Experiments release 1

Peter Kiraly, Ralph W. Adams, James Montgomery, Mathias Nilsson, Gareth A. Morris

NMR Methodology Group, University of Manchester

e-mails: peter.kiraly@manchester.ac.uk, ralph.adams@manchester.ac.uk,
james.montgomery-2@manchester.ac.uk, mathias.nilsson@manchester.ac.uk,
g.a.morris@manchester.ac.uk

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.

Submission Date: 12th May 2020