

VNMR Parameters/Commands

List based on C. Zhang's (Department of Pharmacology/Johns Hopkins University School of Medicine)

Most used parameters/commands are highlighted

aa	abort acquisition
ai	absolute intensity mode
aph	automatic phase correction
at	acquisition time (in seconds)
axis	scale units: axis= 'p' (ppm), or axis= 'h' (h=hertz), or axis= 'k' (kHz)
bc	baseline correction (using integral <i>reset</i> points)
bs	block size
cd	change directory to <i><homedir></i>
cd ('..')	go <u>one step up</u> in the directory tree
cexp	create experiment: cexp(2) -- can also be done via buttons
cr	cursor value (on the screen)
ct, nt	actually completed transients (scans), defined number of transients (scans)
cz	clear zeros (integral)
d1	first delay (relaxation delay)
d2	second delay
da	display array
dc	drift correction
dconi	display contours interactively
delta?	distance between the two cursors, in Hz (also displayed in ppm on the monitor)
df	display FID
dfrq	decoupler frequency
dg	display group of parameters
dli	display integral list
dll	display line list (peak list) on the text window
dlni	display normalized integral list
dm	decoupler mode: dm='nny'
dn	decoupler nucleus
dof	decoupler offset
dpcon	display plotted contours, e.g.: dpcon(10,1.2)
dpf	display peak frequencies
dpir	display integral regions
dpirn	display normalized integral regions (e.g., ins=100)
dps	display pulse sequence
dpwr	decoupler power
dres	digital resolution
ds	display spectrum
dscale	display scale (there is a shortcut: just type d <enter>)
dssa	display stacked spectra vertically
dssh	display stacked spectra <u>horizontally</u>
f	display full spectrum
full	display spectrum in full window
fn	Fourier Number (actual number of points to be FT'ed; mostly used to zero-fill the FID)
fn1	Fourier number in <u>2nd dimension</u>
foldt	symmetrize 2D data (cosy)
ga	acquire and process
gain	receiver gain: gain='n' automatic adjust of the receiver gain
go	acquire spectrum
ho	horizontal offset
ins	integral normalization scale
io	integral offset
isadj	adjust integral scaling
jexp	join experiment, e.g.: jexp2 (obs: exp2 must be created before joining it!)

lb	line broadening
lp, rp	left phase, right phase parameters (1 st order phase correction and 0 th order phase correction)
movesw	move spectral window
movetof	move transmitter offset
mp	move parameters from one exp to another, e.g: mp(1,2) will move parameters from exp1 to exp2.
mf	move FID (with all parameters) from one exp to another, e.g: mf(1,2) will move the FID from exp1 to exp2.
mt	move text from one exp to another, e.g: mt(1,2) will move the text from exp1 to exp2.
nl	nearest line
nm	normalized mode
np	number of points
nt	number of transients (scans) -- see above too
pad	pre-acquisition delay
page	send to plotter
pap	plot all parameters
pcon	plot contours: pcon(1 0,1 .2)
pir	plot integral regions
pirn	plot normalized integral regions
pl	plot spectrum
pltext	plot text
pli	print integral values (tabulated)
pll	print line list
plot	plot everything (<i>equal to: pl pscale ppa page</i>)
ppa	plot partial list of parameters
ppf	plot peak frequencies
pscale	plot scale
pw	pulse width
pwd	present working directory
ra	resume acquisition (which was stopped by sa)
rl	reference line: rl(7.27p)
rp	right phase (see lp and rp above)
rt('filename')	retrieve FID file
rtp('filename')	retrieve parameter file
rts('filename')	retrieve shim set file
sa	stop acquisition (see ra above)
sc	start of chart (in mm)
sc2	start of chart in 2 nd dimension
sd	set decoupler
sfrq	spectrometer frequency
sp	start of chart (in ppm)
sp1	start of chart in 2 nd dimension
ss	steady state scans
su	setup hardware parameters
svf('filename')	save FID
svp('filename')	save parameters only
svs('filename')	save shims only
sw	spectral width
temp	set temperature: temp='n' su commands disable the temperature control
text('text')	set text (title) to the sample [[gettext <enter> open a window also to title sample]]
tn	transmitter nucleus (see dn above)
tof	transmitter offset
unlock(n)	unlock a locked experiment, e.g.: unlock(3) unlocks exp3 and joins this experiment
vo	vertical offset
vp	vertical position
vs	vertical scale
vsadj	vertical scale adjust (automatically adjust of vs)
wc	width of chart (in mm)
wc2	width of chart in 2 nd dimension, also in mm
wft	weighted Fourier transform

wft2d	transform 2D absolute value
wft2da	transform 2D phase-sensitive
wp	width of chart (in ppm)
wp1	width of chart in 2nd dimension
wti	interactive weighting