Manufacturer	Bruker	Bruker	Bruker	Varian	Varian	Jeol	Jeol
pulse width	px, x = 0–n	PW, Px, x = 0–9	px, x = 0–n	pw	pw	PWx, x = 1–n	user defined
delay	dx, x = 0–n	Dx, x = 0–n	dx, x = 0–n	dx, x=1–n	dx, x=1–n	PIx, x = 1–n	user defined
receiver gain	rg	RG	rg	gain	gain	RGAIN	recvr_ gain
transmitter power level	thi, tlo, tlx, x=0–31	THI, TLO	plx, x = 0–31	tpwr	tpwr	OBATN	obs_ attenuator
decoupler power level	dhi, dlo,dlx, x=1–31		plx, x = 0–31	dhp,dlp	dpwr	IRATN	irr_ attenu-ator
proton trans-mitter power level	hlx, x = 1–4		plx, x = 0–31				module_ config(irr.amp_full_pwr)
proton decoupler power level	hlx, x =1–4	Sx, x=1–4	plx, x = 0–31	pplvl	pplvl		normal irr oparation mode
power level for soft pulses on the trans-mitter channel	tpx, x=0–15		spx, x = 0–15		selpwr	OBATN	obs_atte-nuator
power level for soft pulses on the de-coupler	dpx, x=0–15		spx, x = 0–15			IRATN	irr_atte-nuator
number of scans	ns	NS	ns	nt	nt	SCANS	scans
homonuclear decoupling mode	hd	HD	hd	homo	homo	EXMOD =SGHOM IRMOD= HOM	module_ config(pulser.time_share)
dummy scans	ds	DS	ds	ss	ss	DUMMY INDMY	x_prescans
composite pulse decoupling	cpd	CPD	cpd	w	w	EXMOD =SGCOM IRMOD= COM	irr_noise
continous wave decoupling	cw	CW	cw	c	q	EXMOD =SGSEL IRMOD= SEL	on (irr.gate)
preacquisition delay	de	DE	de	rof2	rof2pad	PREDL	dead_time & delay

Manufacturer	Bruker	Bruker	Bruker	Varian	Varian	Jeol	Jeol
number of incremented periods during t1	nd0	ND0	ndo			CLPNT	
increment for t1 evolution	in0	IN0	in0			PI1	
phase difference between pulses	phcorx, x=0–31		phcorx, x= 0–31				