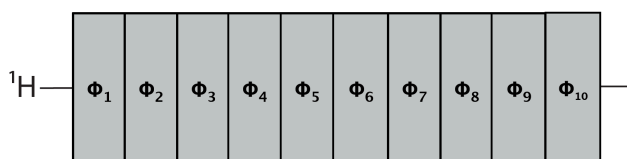


Supplementary Information to the Article:

“Towards measurement of homonuclear dipolar couplings in ^1H solid-state NMR: Recoupling with a rotor-synchronized decoupling”

by: G. Mollica, P. K. Madhu, F. Ziarelli, A. Thevand, P. Thureau and S. Viel

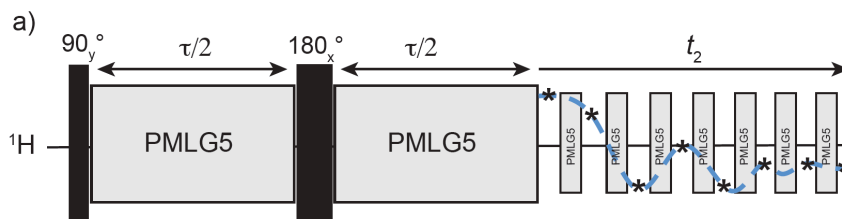
1) PMLG5 sequence:



PMLG5 sequence phase list:

Pulse #	Phase
1	200.78°
2	242.34°
3	283.90°
4	325.46°
5	7.02°
6	187.02°
7	145.46°
8	103.90°
9	62.34°
10	20.78°

2) PMLG5-Spin echo pulse sequence:



PMLG5-Spin echo sequence phase list:

ϕ_{90}	ϕ_{180}	ϕ_{rec}
90°	0°	0°
270°	0°	180°
90°	180°	0°
270°	180°	180°

3) L-Alanine RSS couplings

