

Summary Table

item	signal	flips w/ spin		flips w/ ω_a		goes as		new location		
		yes	no	yes	no	const.	$1/\omega_a$	same	opp.	diff.
EDM	$\sin \theta$	X		X			X			
self-polarization	$\cos 2\theta$		X	X			X			
residual p_{zz}	$\sin 2\theta$		dif.		X	X			X	
residual p_y	const.	X			X	X			X	
polarimeter rotation	$\sin \theta$	X			X	X				X
off-axis/angle	const.		X		X	X				X
geom. phs. (wobble)	θ	X		n/a		n/a			X	
geom. phs. (running)	$\sin \theta$	X			X	X			X	
non-linear resp.	$\sin \theta$	X			X	X				X

Such a list needs to be reviewed, items listed as posing a requirement.