

Sheet3

optic	osem	period	Hz	oscillation mag	% of max osc.	average % of max. osc.	other notables	rank in terms of alignment shifts
IM1	UR	1.38281	0.72316	2178.20	0.755349031		4th lowest % of max. osc.	3rd worst alignment shifts
IM1	LL	1.38281	0.72316	2351.40	0.815410757			
IM1	UL	1.38281	0.72316	2637.50	0.914623574		one osem above 90%	
IM1	LR	1.38282	0.72316	2883.70	1	0.87134584		
IM2	UL	1.41211	0.70816	2383.62	0.702738878		lowest % of max osc.	worst alignment shifts
IM2	LL	1.41407	0.70718	3391.90	1			
IM2	LR	1.41797	0.70523	2756.83	0.812768655			
IM2	UR	1.41797	0.70524	2927.26	0.863014829	0.844630591		
IM3	UR	1.33984	0.74636	1151.00	0.720027525		2nd lowest % of max. osc.	2nd worst alignment shifts
IM3	LR	1.33984	0.74636	1598.55	1			
IM3	LL	1.34765	0.74203	1184.94	0.741259266			
IM3	UL	1.34765	0.74203	1262.60	0.789840793	0.812781896	lowest average % of max	
IM4	UL	1.42382	0.70233	6167.84	0.946519058		all osem at or above	no apparent alignment shifts
IM4	LL	1.42383	0.70233	6025.60	0.924690854		90% of max. osc	
IM4	LR	1.42481	0.70185	5870.40	0.900873803			
IM4	UR	1.42500	0.70175	6516.34	1	0.943020929		