

Stuart's AOSEM sensitivity measurements from LHO aLOG 3056 scaled to OL values

	OL (V)	resp. (V/m)	resp. (OL/m)
Unit 1	14.75	18784	1273.49153
Unit 2	10.14	13028	1284.81262
Unit 3	12.19	15721	1289.66366
stdev/mean	0.18686869 large!	0.18176728 large!	0.00647015 small!

The scatter in net responsivity is dominated by a term proportional to OL. Therefore the number it makes sense to report is the average of responsivities after scaling each to a standard OL value of 30000 ct, as normally done anyway in the OSEMINF block of the quad MEDM screen.

resp. (ct/m) after
scaling to 30000 ct OL
38204745.8
38544378.7
38689909.8

stdev/mean 0.00647015
small!

38479678.1 m/ct@30000
2.5988E-08 ct/m@30000

Even though these data have low scatter, they still have the issue that they were taken with the wrong flag, and so should not be taken as final.