SHARP Instrument Polarization Summary

q, u, and P are in units of percent. All angles are in units of degrees

John's fits are referenced at the detector (raw).

					450 micron											
Date	**Jan-06**	**Jul-06**	**Jul-06**		**Dec-06**		**Feb-07**		**Feb-07**		**Late Apr-07 run**					
Object	**Saturn,Jupiter,Mars**	**Jupiter**	**Jupiter**		**Saturn**		**Saturn**		**Saturn+Jupiter**		**Saturn**		**Jupiter**		**Saturn + Jupiter**	
Analyst	**Hua-bai**	**Megan**	**John**		**John**		**John**		**John**							
			Value	Uncertainty	Value	Uncertainty	Value	Uncertainty	Value	Uncertainty	Value	Uncertainty	Value	Uncertainty	Value	Uncertainty
q_telescope (%)	-0.198	0.290	0.320	0.130	0.55	0.25	-0.290	0.110	0.110	0.110	-0.100	0.640	0.390	0.036	0.390	0.034
u_telescope (%)	0.370	-0.002	-0.160	0.120	0.042	0.25	0.150	0.210	0.160	0.100	-0.120	0.580	0.020	0.033	0.016	0.031
q_instrument (%)	.03	0.41	0.500	0.120	0.39	0.26	0.078	0.210	0.170	0.100	0.470	0.580	0.340	0.033	0.350	0.032
u_instrument (%)	-.46	0.12	0.100	0.130	0.075	0.25	-0.550	0.220	-0.200	0.110	-0.380	0.640	0.034	0.035	0.034	0.034
P_telescope (%)	0.420	0.290	0.360	0.130	0.550	0.250	0.330	0.220	0.200	0.110	0.160	0.610	0.390	0.036	0.390	0.034
phi_telescope	-59.1	0.24	-13.0	10.0	2.2	13.0	77.0	18.0	28.0	16.0	-65.0	110.0	1.5	2.4	1.1	2.3
P_instrument (%)	0.461	0.427	0.510	0.130	0.400	0.260	0.560	0.220	0.260	0.110	0.600	0.610	0.340	0.033	0.340	0.032
phi_instrument	-43.1	8.2	5.9	7.4	5.4	18.0	-41.0	10.0	-24.0	12.0	-19.0	30.0	2.8	2.9	2.8	2.8
Reduced chi-squared			120		303		39		64		134		164		153	
HWP zero	32	89	89		67		91		91		88		88		88	
M3_tele_phi			14	10	20.8	13	-78	18	-29	16	67	110	0.5	2.4	0.9	2.3
M3_instrum_phi			-4.900	7.400	17.600	18.000	40.000	10.000	23.000	12.000	21.000	30.000	-0.800	2.900	-0.800	2.800

				w.r.t. M3		w.r.t. detector	
		P_telescope		**P_instrument**		**phi_telescope**		**phi_instrument**	
	Jul-06	0.360	0.130	0.510	0.130	14.0	10.0	5.9	7.4
	Dec-06	0.550	0.250	0.560	0.220	20.8	13.0	5.4	18.0
	Feb-07	0.200	0.110	0.260	0.110	-29.0	16.0	-24.0	12.0
	Late Apr-07 run	0.390	0.034	0.340	0.032	0.9	2.3	2.8	2.8

SEE SHEET 2 FOR GRAPHICAL SUMMARY