

Date	User	Film	Recipe	Dep.time	Thickness	JAW EC-400 (Woolam S. E.)	Avg Index	Index+1%	Index -1%	Dep. Rate	Avg.dep. rate	Avg+10%	Avg-10%	HF e.r.	Stress	Avg. Stress	Avg+10%	Avg-10%	LPD (light point defects)	Comment	Mike Silva	Deposition time		
01/01/14	User	SiO2	1_SiO2Dep	(sec)	(Å)	Index @632.8nm Index @1550nm	Index @632.8nm Avg. Index	Index+1%	Index-1%	(nm/min)	(nm/min)	(nm/min)	(nm/min)	(nm/min)	(MPa)	(MPa)	(MPa)	(MPa)	LPD before deposition	LPD after deposition	40 degree fixture angle			
SiO2																								
02/27/15	Bilja	SiO2	Bilja_SiO2_dep	3600	3461.75	1.492	1.480	1.495	1.510	1.480	5.77	3.84	4.23	3.46	355.92	-369.63	-344.87	-379.36	-310.39	211	6317	LPD failed	assembled carrier	1hr
11/19/15	Bilja	SiO2	Bilja_SiO2_dep	3600	2662.99	1.494	1.483	1.495	1.510	1.480	4.44	3.84	4.23	3.46	all etched in stress	-397.10	-344.87	-379.36	-310.39	57	1129	a lot of particles	HF etch done in Stress, all SiO2 etched	1hr
02/01/16	Bilja	SiO2	Bilja_SiO2_dep	3481	2663.21	1.490	1.480	1.495	1.510	1.480	4.29	3.84	4.23	3.46	all etched in stress	-329.89	-344.87	-379.36	-310.39	212	1650	a lot of particles	HF etch done in Stress, all SiO2 etched	1hr
03/21/16	Bilja	SiO2	Bilja_SiO2_dep	3600	2346.59	1.495	1.483	1.495	1.510	1.480	3.91	3.84	4.23	3.46	354.62	-322.19	-344.87	-379.36	-310.39				HF etch: Shorter, 15"	1hr
03/23/16	Bilja	SiO2	Bilja_SiO2_dep	3600	2594.03	1.491	1.481	1.495	1.510	1.480	4.32	3.84	4.23	3.46	415.14	-326.22	-344.87	-379.36	-310.39				HF etch: Shorter, 15"	1hr
05/23/16	Bilja	SiO2	Bilja_SiO2_dep	3600	1741.25	1.498	1.484	1.495	1.510	1.480	2.90	3.84	4.23	3.46	to do!	-348.47	-344.87	-379.36	-310.39	88	623		Recipe for 1u205 modified 32316	1hr
05/24/16	Bilja	SiO2	Bilja_SiO2_dep	3600	1767.81	1.498	1.484	1.495	1.510	1.480	2.95	3.84	4.23	3.46	to do!	-350.06	-344.87	-379.36	-310.39					1hr
05/24/16	Bilja	SiO2	Bilja_SiO2_dep	3600	1700.11	1.498	1.483	1.495	1.510	1.480	2.83	3.84	4.23	3.46	to do!	-332.49	-344.87	-379.36	-310.39					1hr
05/24/16	Bilja	SiO2	Bilja_SiO2_dep	3600	1912.91	1.498	1.484	1.495	1.510	1.480	3.19	3.84	4.23	3.46	to do!	-327.82	-344.87	-379.36	-310.39					1hr
					Avg. Thick.	2316.74								Avg HF e.r.	375.23									
					Avg. Index	1.495	1.482			Avg. Dep. Rate	3.84				Avg. Stress	-344.87								
					Avg+1%	1.510	1.497			Avg+10%	4.23				Avg+10%	-379.36								
					Avg-1%	1.480	1.512			Avg-10%	3.46				Avg-10%	-310.39								



