

Reflectivity meas. of INT Primary mirror, taken after soap+water wash + air dry on 18 Dec 2013

Measurements from SMS microScan are usually in pairs, to check 0.5% repeatability.

Lambda	0.67 micron		
Incident Angle	25 deg		<--SMS Summary characteristics
BW Limits	1	0.01	

datum #	Scattering at angles Θ, Φ			Reflectivity	user comment	Roughness RMS(Å)	TIME	DATE
	Θ ->	0	50					
1	Ref mirror	3.36E-03	1.93E-03	0.936	ref	39.9	10:01:34	08-13-1913
2		3.37E-03	1.93E-03	0.936		40	10:01:40	08-13-1913
3		5.48E-03	2.12E-03	0.930		52.4	10:01:47	08-13-1913
4		5.48E-03	2.11E-03	0.930		52.5	10:01:52	08-13-1913
5		3.55E-03	1.87E-03	0.923		41.5	10:02:01	08-13-1913
6		3.55E-03	1.87E-03	0.923		41.5	10:02:06	08-13-1913
7	location 1	1.50E-03	1.93E-04	0.915	icomp	37.2	10:02:39	08-13-1913
8		1.52E-03	1.95E-04	0.912		37.6	10:02:43	08-13-1913
9	2	1.09E-02	4.51E-03	0.878		75.8	10:03:11	08-13-1913
10		1.09E-02	4.51E-03	0.877		75.9	10:03:16	08-13-1913
11	3	1.94E-03	3.63E-04	0.917		36.2	10:03:23	08-13-1913
12		1.94E-03	3.66E-04	0.922		36	10:03:29	08-13-1913
13	Ref mirror	2.92E-03	1.95E-03	0.936	ref	37.1	10:03:54	08-13-1913

Measurements of Acq mirror following first cleaning:

14		5.41E-04	1.10E-04	0.895		18.9	10:19:46	08-13-1913
15		5.31E-04	1.08E-04	0.901	skip	18.6	10:19:52	08-13-1913
16	location 4	5.97E-04	1.06E-04	0.921		20.4	10:19:59	08-13-1913
17		6.04E-04	1.04E-04	0.925		20.7	10:20:04	08-13-1913
18		9.76E-04	1.53E-04	0.900	skip	27.6	10:20:12	08-13-1913
19		9.92E-04	1.55E-04	0.921	skip	27.6	10:20:17	08-13-1913
20		1.01E-03	1.54E-04	0.913	skip	28.2	10:20:22	08-13-1913
21		1.39E-03	2.05E-04	0.878	skip	34.1	10:20:31	08-13-1913
22	location 5	1.31E-03	2.21E-04	0.890		31.3	10:20:42	08-13-1913
23		1.28E-03	2.11E-04	0.887		31.2	10:20:48	08-13-1913
24		3.90E-03	1.58E-03	0.941	ref	43.8	10:21:08	08-13-1913

Measurements of Acq mirror following second cleaning:

25	pos 1	6.13E-04	8.46E-05	0.920	last clean	22.9	10:35:03	08-13-1913
26		6.11E-04	8.47E-05	0.921		22.8	10:35:08	08-13-1913
27	pos 2	8.23E-04	1.98E-04	0.922	skip	21.9	10:35:47	08-13-1913
28		8.16E-04	1.99E-04	0.930		21.7	10:35:53	08-13-1913
29		8.08E-04	1.99E-04	0.932		21.5	10:35:59	08-13-1913
30	pos 3	3.00E-04	3.73E-05	0.927		16.9	10:36:33	08-13-1913
31		2.99E-04	3.82E-05	0.926		16.6	10:36:37	08-13-1913
32	Ref mirror	7.28E-03	2.13E-03	0.947	ref	62	10:36:59	08-13-1913
33		7.29E-03	2.13E-03	0.948		62.1	10:37:03	08-13-1913
34		7.90E-03	3.58E-03	0.937		62	10:37:09	08-13-1913

Average before	4.79E-03	1.69E-03	0.9035	49.8
Average after 2 clean	5.74E-04	1.07E-04	0.926	20.4