Reflectivity measurement - reference mirror

Equipment:	uscan reflectometer	
Mirror:	**reference mirror**	
Person:	Tibor Agocs	
Date:	12/11/2008	
Lambda (micron):	0.67	
Incident angle (degree):	25	
BW (Bandwidth) limits:	1	0.1

Reference mirror

No#	BSDF - 0°,0° detector position	BSDF - 50°,180° detector position	reflectivity	rms (Ångstrom)	time	date
36	4.03E-03	2.07E-03	0.931	44.1	13:13:23	11/12/2008
37	4.05E-03	2.08E-03	0.929	44.2	13:13:28	11/12/2008
38	4.04E-03	2.08E-03	0.936	44	13:13:33	11/12/2008
39	4.03E-03	1.90E-03	0.93	44.3	13:13:43	11/12/2008
40	4.06E-03	1.92E-03	0.928	44.5	13:13:48	11/12/2008
41	3.92E-03	1.98E-03	0.935	43.4	13:13:52	11/12/2008
42	4.05E-03	1.97E-03	0.925	44.5	13:13:57	11/12/2008
43	4.63E-03	2.11E-03	0.928	47.6	13:14:01	11/12/2008
average	**4.100E-03**	**2.013E-03**	**0.930**	**44.575**		
standard dev	**2.173E-04**	**8.156E-05**	**0.004**	**1.271**		

Notes:
RMS - Root Mean Square surface roughness in Angstrom,
BSDF - Bidirectional scatter distribution function, it is equal to the scattered power per unit solid angle