Reflectivity measurement - reference mirror

Equipment:	uscan reflectometer	
Mirror:	**reference mirror**	
Person:	Tibor Agocs	
Date:	26/02/2008	
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
1	3.41E-03	1.24E-03	0.936	41.5	09:45:30	02-26-2008
2	3.42E-03	1.24E-03	0.937	41.6	09:45:35	02-26-2008
3	3.42E-03	1.24E-03	0.939	41.5	09:45:40	02-26-2008
4	1.36E-02	4.56E-03	0.909	84.9	09:45:49	02-26-2008
5	1.37E-02	4.67E-03	0.905	85.2	09:45:54	02-26-2008
6	1.37E-02	4.67E-03	0.918	84.5	09:45:59	02-26-2008
7	2.14E-03	1.12E-03	0.948	31.8	09:46:12	02-26-2008
8	2.15E-03	1.13E-03	0.953	31.8	09:46:18	02-26-2008
average	**6.934E-03**	**2.485E-03**	**0.931**	**55.350**		
standard dev	**5.581E-03**	**1.781E-03**	**0.018**	**24.773**		

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