Reflectivity measurement

Equipment:	uscan reflectometer	
Mirror:	**Reference mirror**	
Person:	Tibor Agocs	
Date:	24/04/2007	
Lambda (micron):	0.67	
Incident angle (degree):	25	
BW (Bandwidth) limits:	1	0.1

No#	BSDF - 0°,0° detector position	BSDF - 50°,180° detector position	reflectivity	rms (Ångstrom)	time	date
3	7.66E-03	5.17E-03	0.952	59.6	10:48:15	04-24-1907
4	7.55E-03	5.06E-03	0.95	59.3	10:48:21	04-24-1907
5	7.86E-03	5.06E-03	0.949	60.5	10:48:26	04-24-1907
average	**7.691E-03**	**5.096E-03**	**0.950**	**59.8**		
standard dev	**1.543E-04**	**6.585E-05**	**0.002**	**0.6**		

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 normalized by the incident power and cosθ