Reflectivity measurement

Equipment:	uscan reflectometer
Mirror:	WYFFOS 60cm large mirror
Person:	Juerg Rey, Tibor Agocs
Date:	02/11/2006
Humidity:	90%

Lambda (mm):	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
7	1.323E-04	7.346E-05	0.953	7.9	10:25:46	11/02/2006
8	7.564E-05	4.741E-05	0.963	5.9	10:26:00	11/02/2006
9	8.885E-05	4.048E-05	0.96	6.5	10:26:13	11/02/2006
10	1.297E-04	8.561E-05	0.966	7.7	10:26:24	11/02/2006
average	1.066E-04	6.174E-05	0.9605	7		

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 $\cos\theta$