Reflectivity measurement - WHT Secondary

Equipment:	uscan reflectometer	
Mirror:	**WHT Secondary**	
Person:	Juerg Rey	
Date:	19/01/2009	
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
1	1.36E-03	9.27E-04	0.887	26	10:34:22	01-19-2009
2	1.10E-03	8.47E-04	0.874	23.5	10:34:32	01-19-2009
3	1.15E-03	6.20E-04	0.897	23.9	10:34:43	01-19-2009
4	4.54E-03	8.35E-04	0.909	55.8	10:34:52	01-19-2009
5	1.03E-03	5.49E-04	0.897	22.6	10:35:03	01-19-2009
6	1.24E-03	2.21E-04	0.852	30.5	10:37:35	01-19-2009
7	2.09E-03	2.17E-04	0.812	53.1	10:37:53	01-19-2009
8	1.26E-03	2.07E-04	0.838	31.8	10:38:13	01-19-2009
9	1.49E-03	2.02E-04	0.762	39.6	10:38:26	01-19-2009
10	1.10E-03	1.39E-04	0.812	34.1	10:38:39	01-19-2009
11	1.05E-03	1.37E-04	0.815	32.9	10:38:54	01-19-2009
12	1.28E-03	9.70E-05	0.836	53.4	10:39:07	01-19-2009
13	1.21E-03	1.03E-04	0.767	48.3	10:39:19	01-19-2009
14	1.33E-03	2.45E-04	0.761	33	10:39:31	01-19-2009
15	1.19E-03	1.49E-04	0.841	34.9	10:39:45	01-19-2009
16	1.33E-03	1.20E-04	0.828	46.6	10:39:58	01-19-2009
average	**1.483E-03**	**3.510E-04**	**0.837**	**36.875**		
standard dev	**8.519E-04**	**2.971E-04**	**0.048**	**11.270**		

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