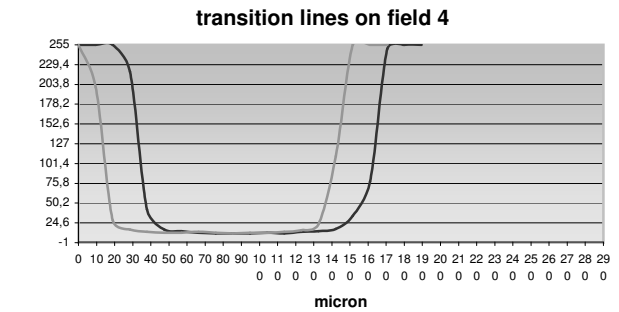
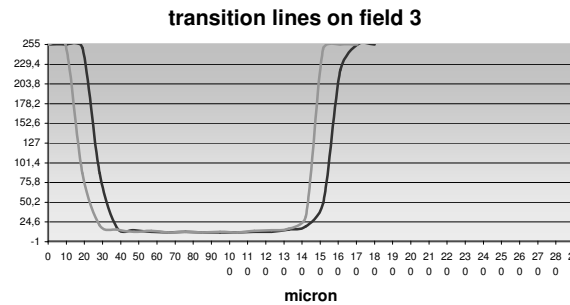
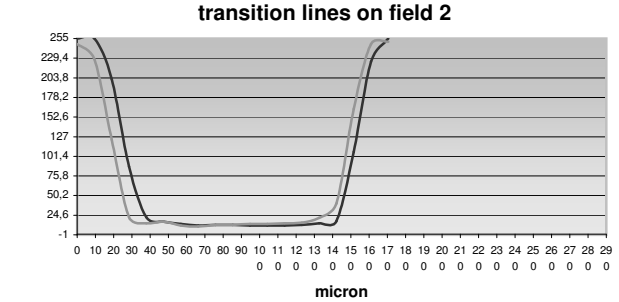
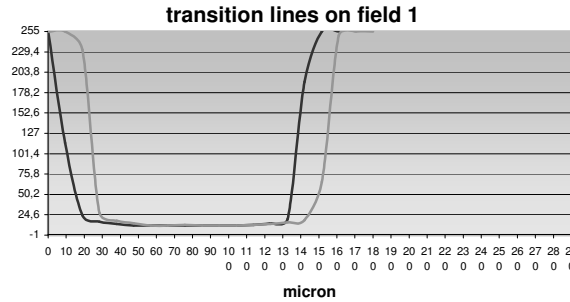
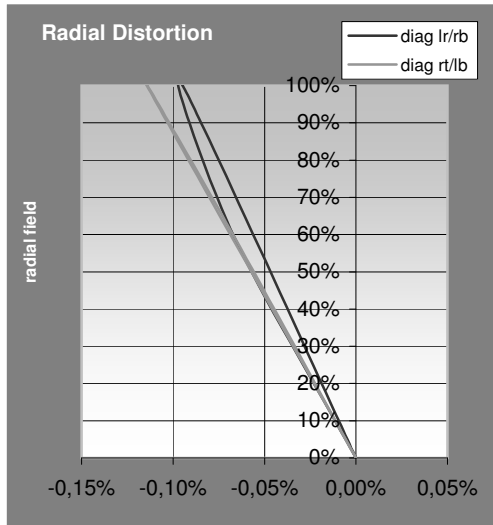
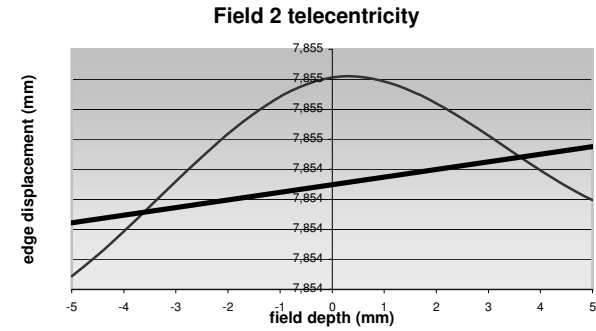
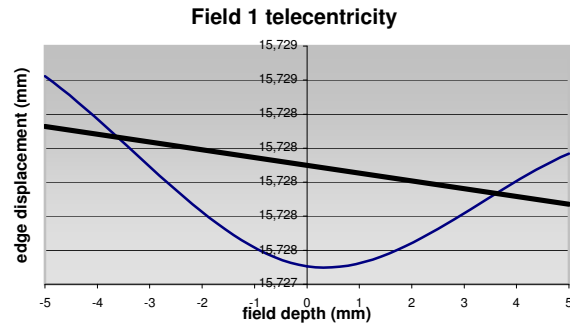


TELECENTRIC LENS TEST REPORT

TC Model	23	36
Serial Number	03043	
Working Distance (mm)	103,5	
Hor. Field Size (mm)	36	
Hor. Detector Size (mm)	8,8	
Hor. Pix. Number	1313,43	
pixel size (mm)	0,0067	
Magnification ⁻¹	4,09091	
mm/pix	0,02741	
Test field depth (mm)	+/-	5



Trapezoidal Distortion

stripe thickness		error (+/-)		
(pix)	(mm)	(deg)	(pix)	(%)
442,60	11,60	0,010	0,22	0,017%
573,16	15,00	0,017	0,39	0,029%
955,87	25,00	0,026	0,60	0,045%
0,00	0,00	0,000	0,00	0,000%
0,00	0,00	0,000	0,00	0,000%

Measurement conditions:

- fine optical adjustment of pattern orthogonality (+/- 2 mrad)
- white light background set close to saturation for image noise reduction
- best focus working distance within +/- 2%
- pattern phase rotation within +/- 0.5°

date: **12 09 2005**
 tested:
 approved: