Interferometry Report for AstroReflect 300mm - AR2229

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DFTFringe Version:3.4



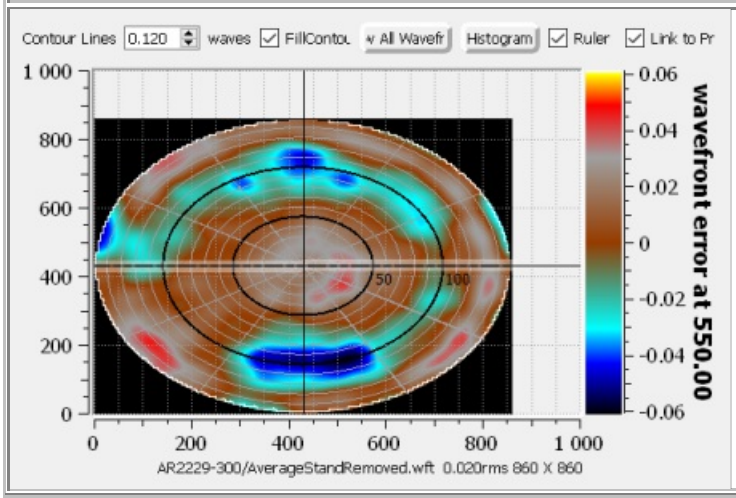
Diameter: 298.0 mm	ROC: 2408.0 mm	Fnumber: 4.0
RMS: 0.020 waves at 550.0 nm	Strehl: **0.984**	Best Fit CC: -0.991
Desired Conic: -1	SANull: -2.1790	Waves per fringe: 1 Interferogram Wave length: 675nm

Zernike Values at interferogram wavelength

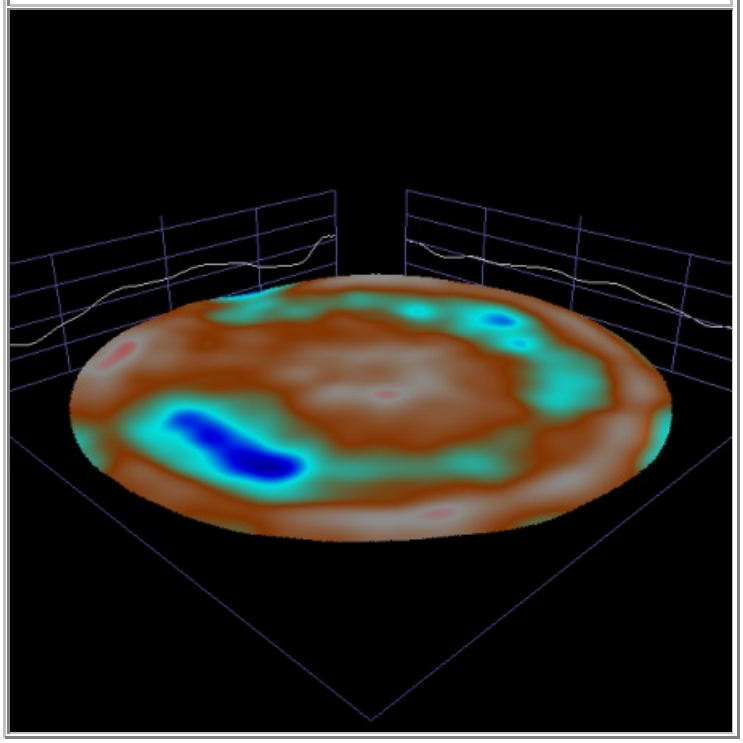
Term	Wyant	RMS	
Defocus	3.619	2.090	Disabled
X Astig	0.007	0.003	
Y Astig	0.002	0.001	
astig Polar	0.008	8.747 Deg.	
X Coma	0.069	0.025	Disabled
Y Coma	0.066	0.023	Disabled
Spherical	0.020	0.009	
X Trefoi	0.007	0.003	
Y Trefoil	-0.013	-0.005	
X 2nd Astig	-0.018	-0.006	
Y 2nd Astig	-0.006	-0.002	
X 2nd Coma	-0.002	-0.000	
Y 2nd Coma	-0.000	-0.000	
2nd Spherical	-0.020	-0.008	
X Tetrafoi	-0.013	-0.004	
Y Tetrafoi	0.005	0.001	
2nd X Trefoi	-0.001	-0.000	
2nd Y Trefoi	0.004	0.001	
3rd X Astig	-0.001	-0.000	
3rd Y Astig	-0.005	-0.001	
3rd X Coma	-0.016	-0.004	
3rd Y Coma	-0.001	-0.000	
3rd Spherical	-0.023	-0.008	
25	0.009	0.003	

Term	Wyant	RMS	
26	-0.006	-0.002	
27	0.005	0.001	
28	0.002	0.001	
29	0.001	0.000	
30	-0.004	-0.001	
31	0.004	0.001	
32	0.001	0.000	
33	-0.005	-0.001	
34	-0.002	-0.000	
4th Spherical	-0.007	-0.002	
36	-0.003	-0.001	
37	0.003	0.001	
38	-0.004	-0.001	
39	-0.003	-0.001	
40	-0.001	-0.000	
41	0.002	0.000	
42	0.003	0.001	
43	-0.002	-0.001	
44	-0.003	-0.001	
45	0.003	0.001	
46	0.001	0.000	
47	-0.000	-0.000	

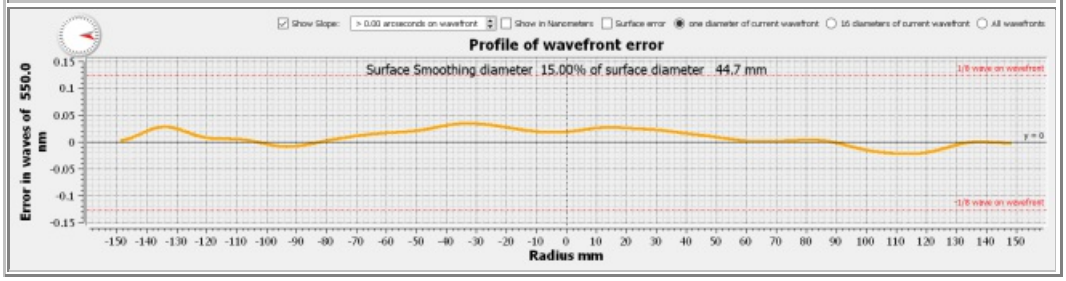
Contour Plot



3D Surface Plot



Profile Plot



Star test, PSF and MTF

