Interferometry Report for AstroReflect 355mm AR2005

пон окт 5 2020 09:29:44
DFTFringe Version:3.4



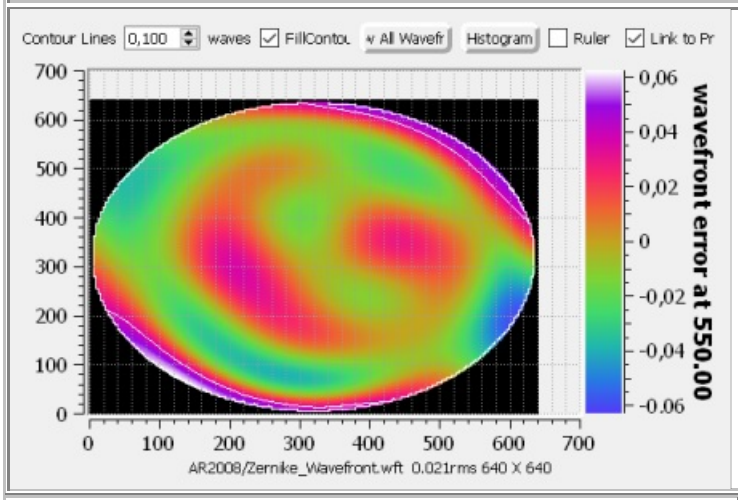
Diameter: 253.0 mm	ROC: 2034.0 mm	Fnumber: 4.0
RMS: 0.021 waves at 550.0 nm	Strehl: **0.983**	Best Fit CC: -0.990
Desired Conic: -1	SANull: -1.8784	Waves per fringe: 1 Interferogram Wave length: 675nm

Zernike Values at interferogram wavelength

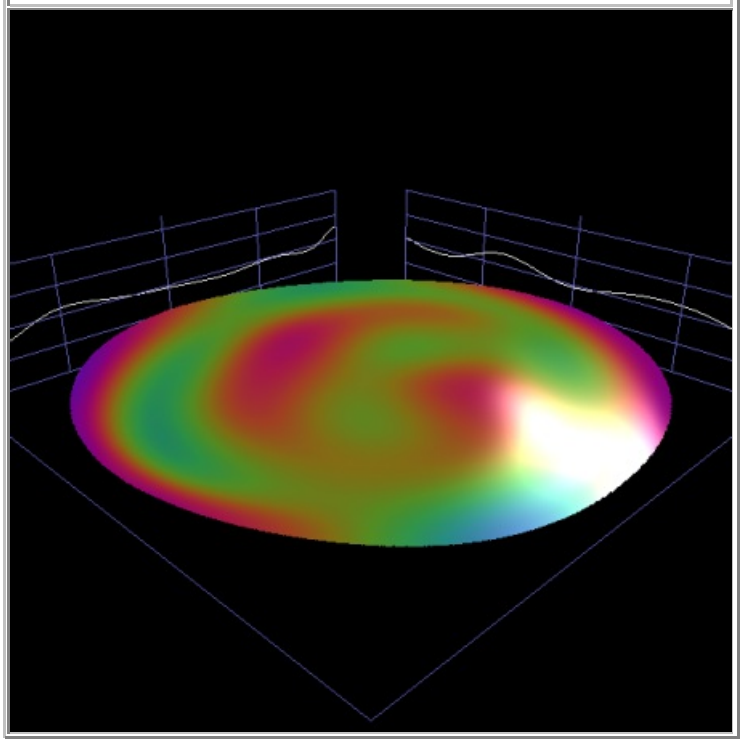
Term	Wyant	RMS	
Defocus	-0.000	-0.000	Disabled
X Astig	-0.007	-0.003	
Y Astig	0.019	0.008	
astig Polar	0.021	54.901 Deg.	
X Coma	0.000	0.000	Disabled
Y Coma	0.000	0.000	Disabled
Spherical	0.019	0.009	
X Trefoi	-0.003	-0.001	
Y Trefoil	0.001	0.000	
X 2nd Astig	-0.020	-0.006	
Y 2nd Astig	0.024	0.008	
X 2nd Coma	-0.009	-0.003	
Y 2nd Coma	-0.010	-0.003	
2nd Spherical	0.020	0.008	
X Tetrafoi	-0.001	-0.000	
Y Tetrafoi	0.014	0.005	
2nd X Trefoi	-0.004	-0.001	
2nd Y Trefoi	0.001	0.000	
3rd X Astig	-0.001	-0.000	
3rd Y Astig	0.011	0.003	
3rd X Coma	0.004	0.001	
3rd Y Coma	0.004	0.001	
3rd Spherical	-0.007	-0.002	
25	0.002	0.001	

Term	Wyant	RMS	
26	0.008	0.002	
27	0.001	0.000	
28	-0.000	-0.000	
29	0.008	0.002	
30	0.010	0.002	
31	-0.008	-0.002	
32	-0.023	-0.005	
33	0.002	0.000	
34	0.005	0.001	
4th Spherical	-0.001	-0.000	
36	0.004	0.001	
37	0.003	0.001	
38	0.001	0.000	
39	0.000	0.000	
40	0.015	0.003	
41	-0.000	-0.000	
42	0.001	0.000	
43	-0.007	-0.002	
44	0.011	0.002	
45	0.004	0.001	
46	-0.007	-0.001	
47	0.001	0.000	

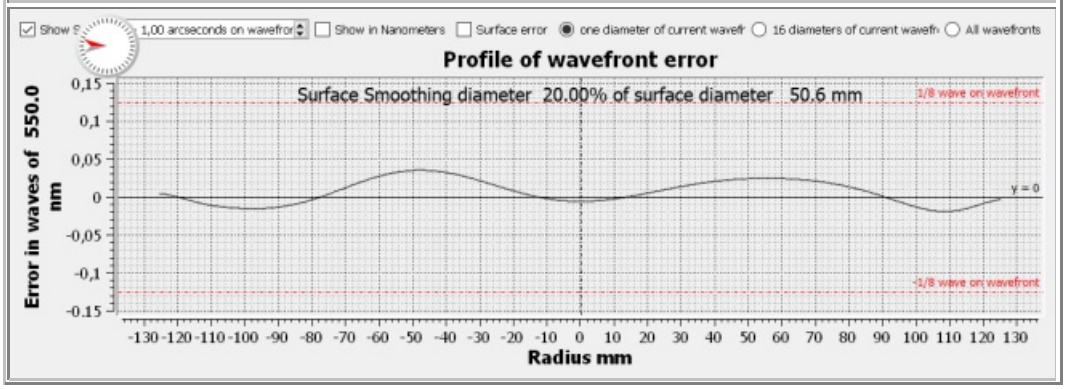
Contour Plot



3D Surface Plot



Profile Plot



Star test, PSF and MTF

