

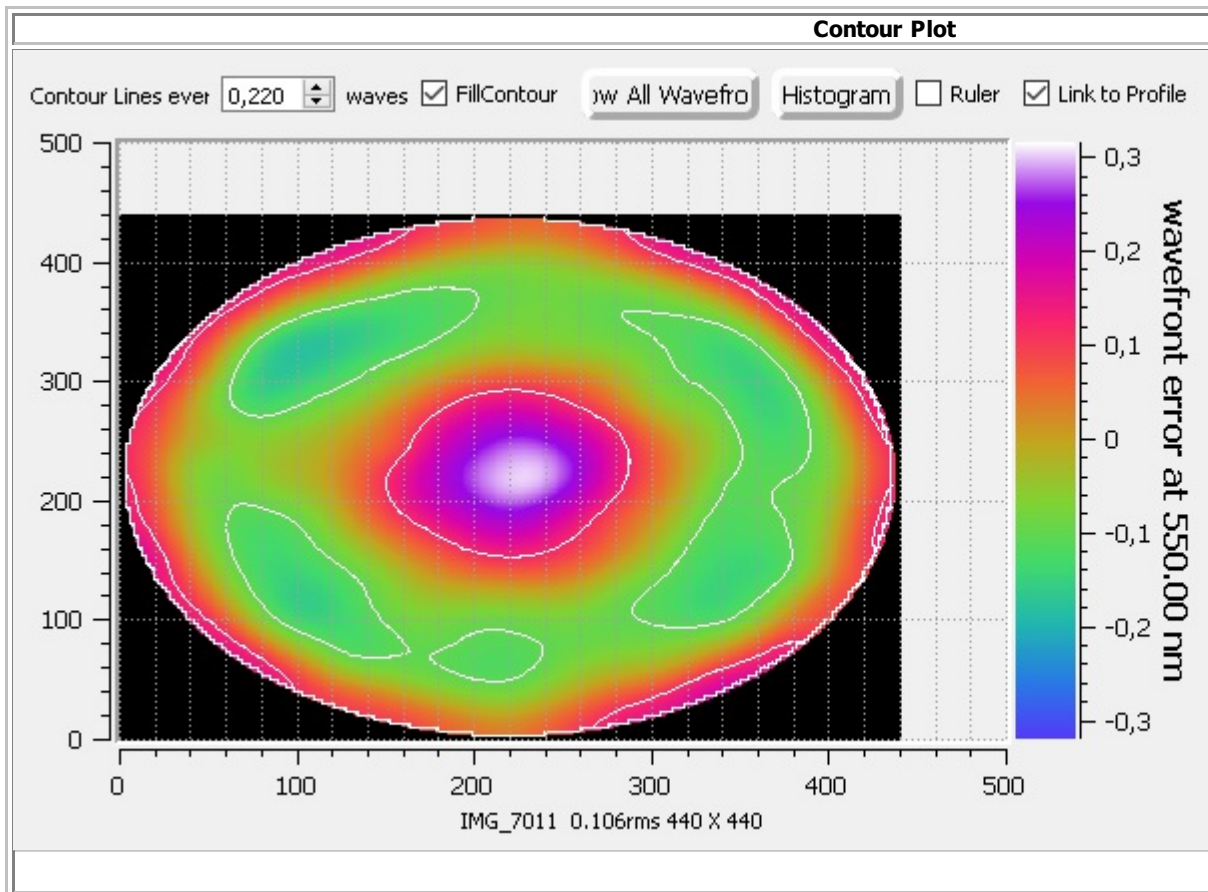
Interferometry Report for default

Di Feb 9 2021 13:02:26
DFTFringe Version:3.4

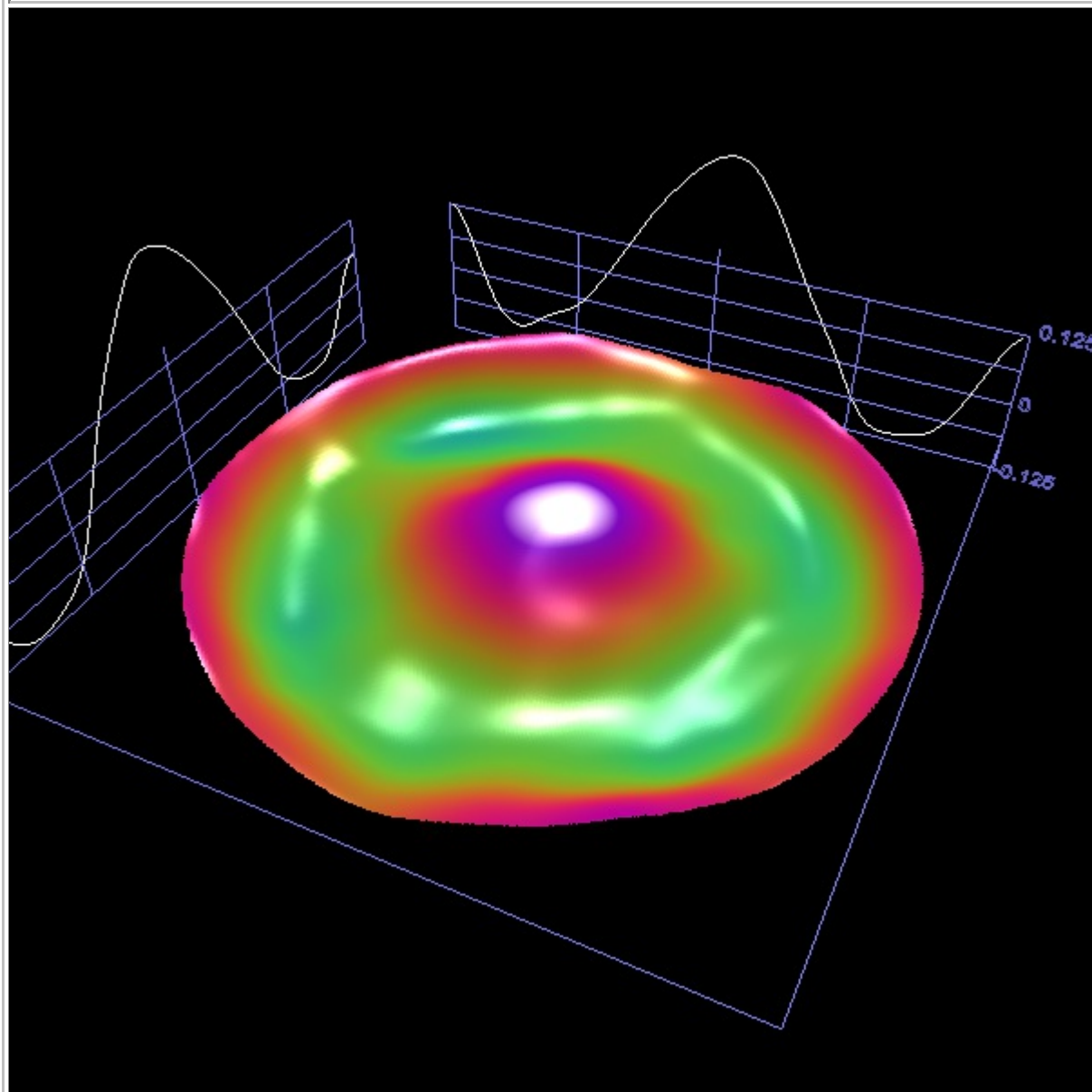
Diameter: 457.2 mm	ROC: 4052.0 mm	Fnumber: 4.4
RMS: 0.106 waves at 550.0 nm	Strehl: 0.642	Best Fit CC: -0.917
Desired Conic: -1	SANull: -3.2149	Waves per fringe: 1 Interferogram Wave length: 532nm

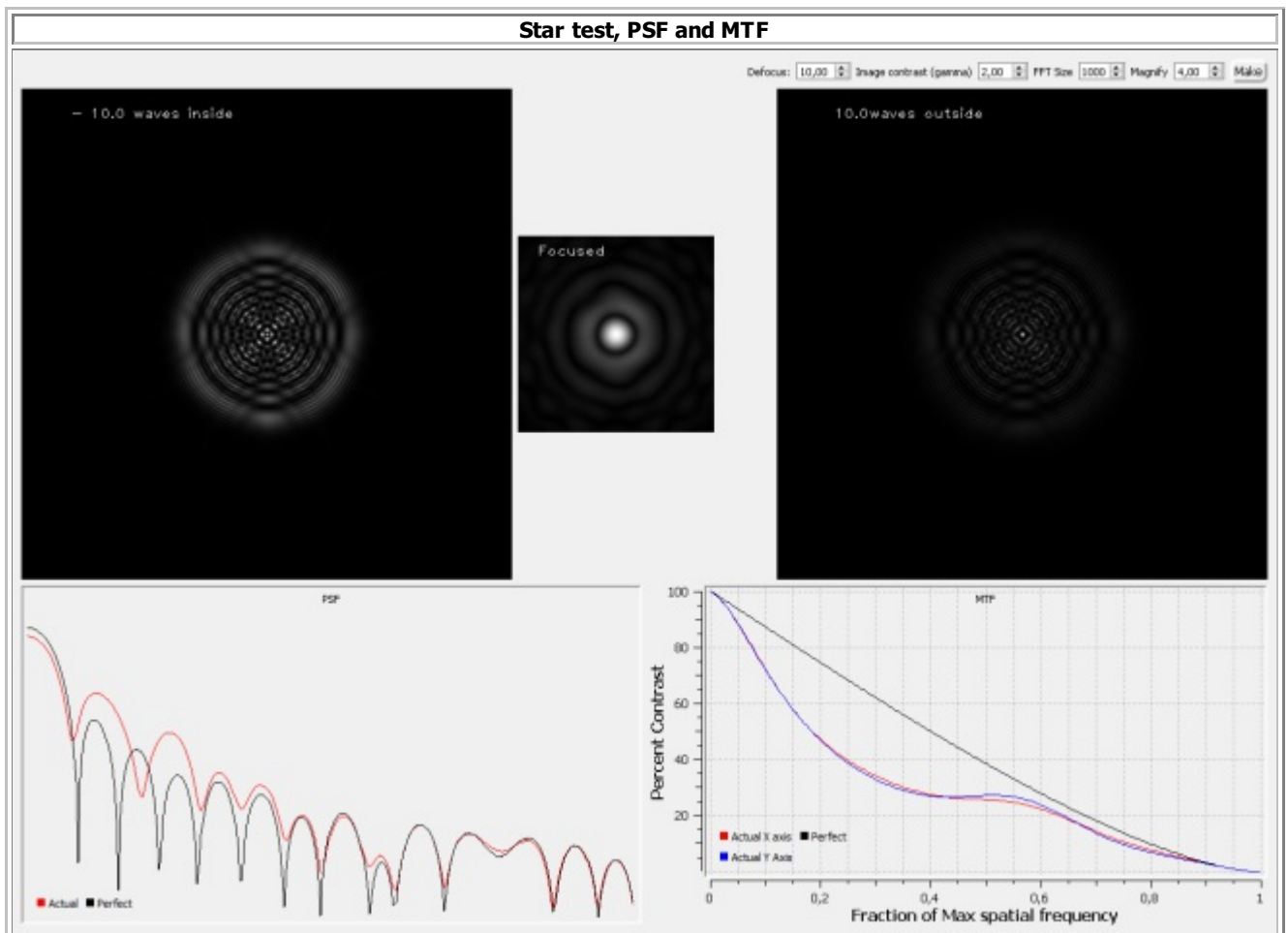
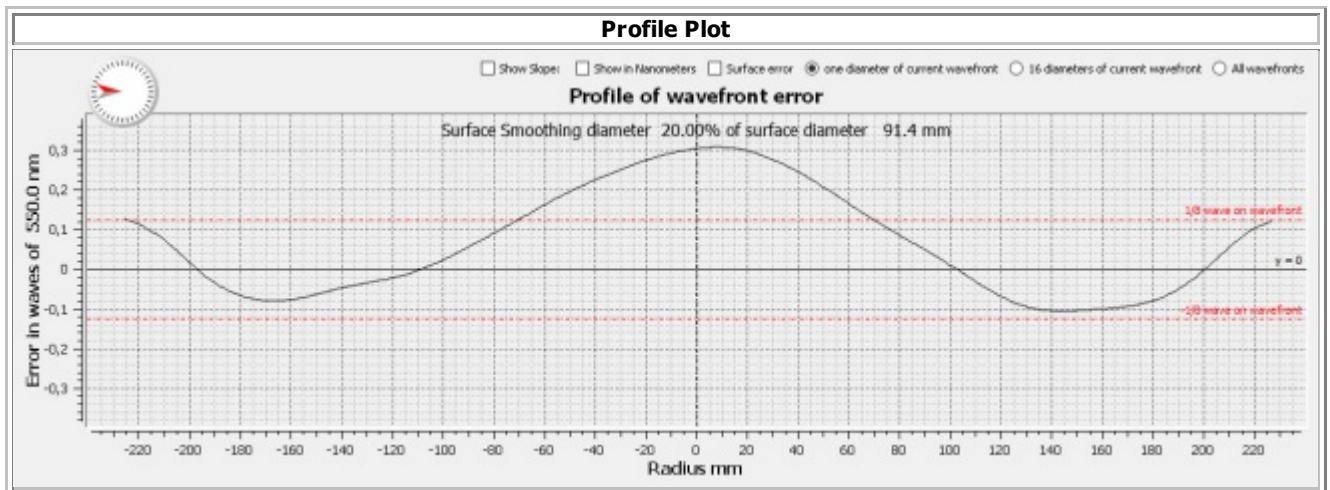
Zernike Values at interferogram wavelength

Term	Wyant	RMS		Term	Wyant	RMS	
Defocus	7.617	4.398	Disabled	26	0.004	0.001	
X Astig	0.059	0.024	Disabled	27	-0.061	-0.016	
Y Astig	0.005	0.002	Disabled	28	0.014	0.004	
astig Polar	0.059	2.490 Deg.	Disabled	29	-0.005	-0.001	
X Coma	-0.079	-0.028	Disabled	30	0.017	0.004	
Y Coma	0.030	0.011	Disabled	31	0.015	0.003	
Spherical	0.268	0.120		32	0.003	0.001	
X Trefoi	-0.021	-0.007		33	0.009	0.002	
Y Trefoil	-0.002	-0.001		34	-0.004	-0.001	
X 2nd Astig	0.016	0.005		4th Spherical	-0.049	-0.015	
Y 2nd Astig	-0.004	-0.001		36	0.030	0.008	
X 2nd Coma	-0.001	-0.000		37	-0.014	-0.004	
Y 2nd Coma	0.017	0.005		38	0.003	0.001	
2nd Spherical	-0.048	-0.018		39	-0.012	-0.003	
X Tetrafoi	-0.014	-0.005		40	0.010	0.002	
Y Tetrafoi	0.016	0.005		41	-0.009	-0.002	
2nd X Trefoi	0.021	0.006		42	-0.003	-0.001	
2nd Y Trefoi	0.001	0.000		43	-0.005	-0.001	
3rd X Astig	0.021	0.006		44	-0.003	-0.001	
3rd Y Astig	0.019	0.005		45	0.000	0.000	
3rd X Coma	-0.003	-0.001		46	-0.009	-0.002	
3rd Y Coma	-0.004	-0.001		47	-0.010	-0.002	
3rd Spherical	-0.015	-0.005					
25	0.008	0.002					



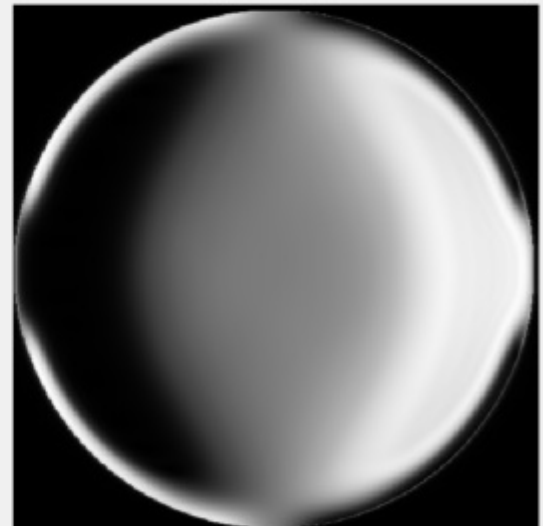
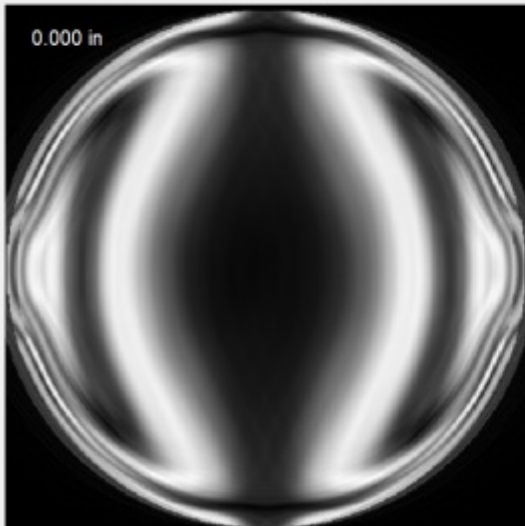
3D Surface Plot



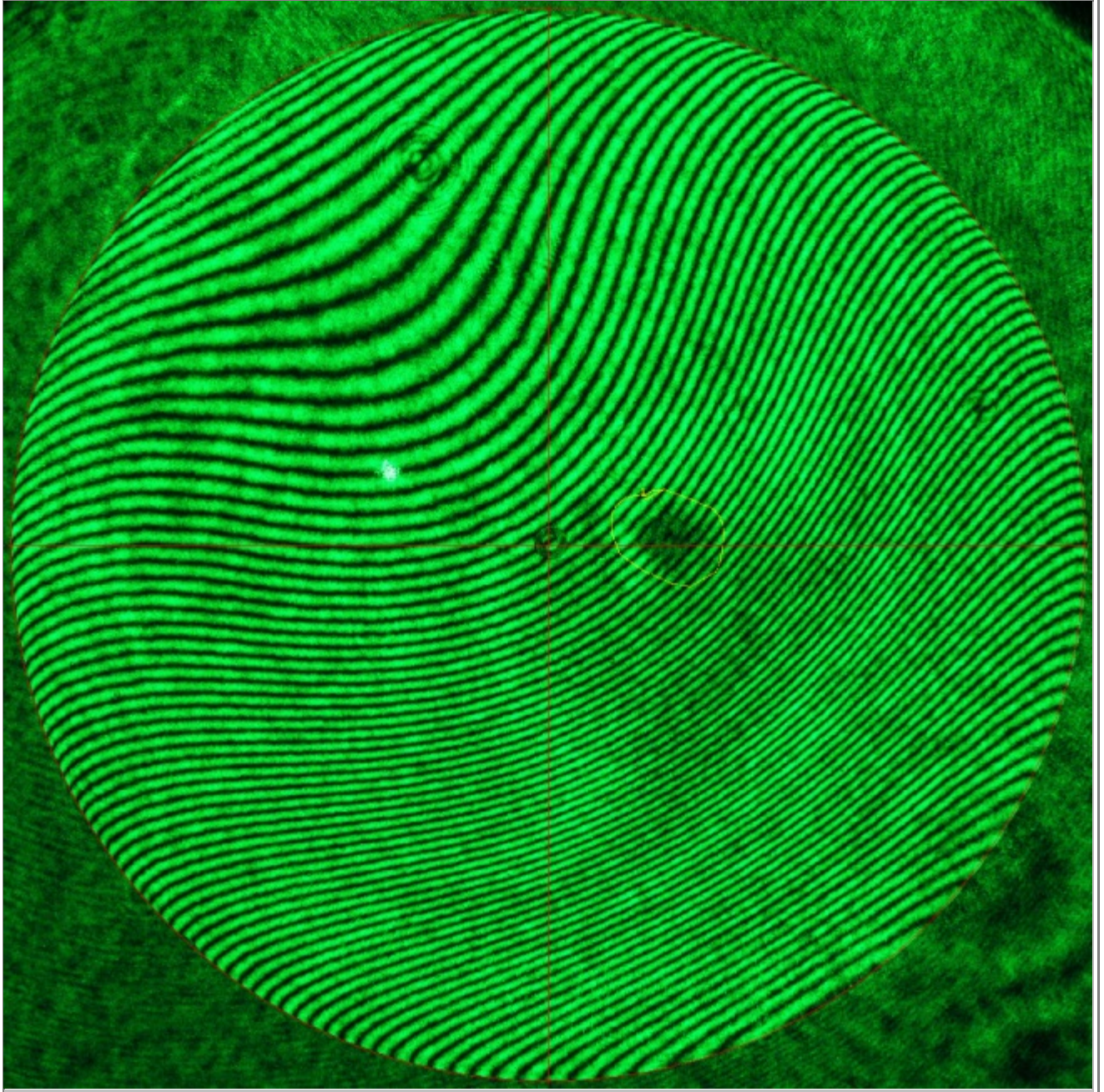


Simulated Ronchi and Foucault

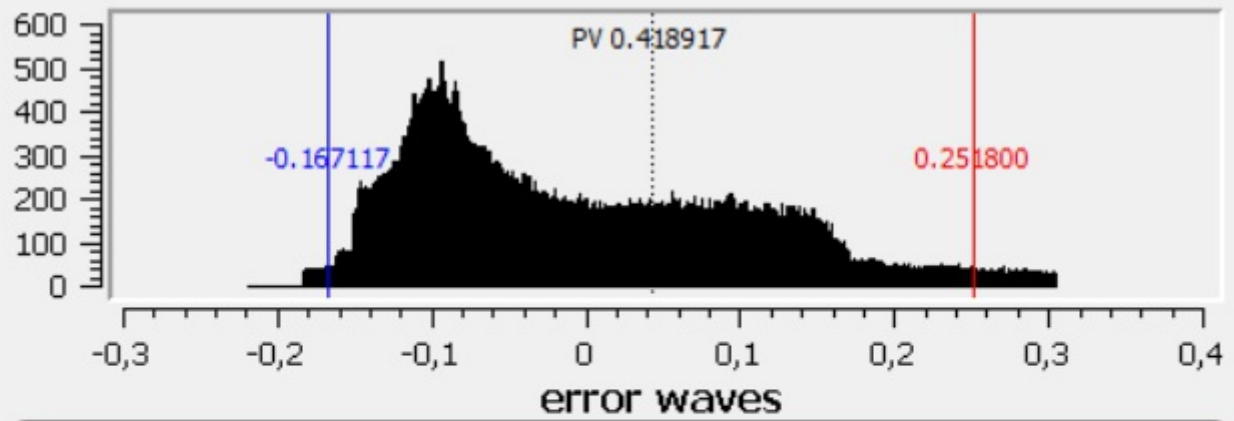
Source ☒ Moving ☐ Fixed	Foucault ☐ Knife On Right Slit Width: 0.00500 in	Ronchi LPI 100,000 ☐ Clear Center	Gamma: 1.00 Update	Surface Height ☒ 1x ☐ 2x ☐ 4x	Start Offset: -0.1000 End Offset: 0.100 Scan ☐ Save Images	Step size: 0.0010
☐ offset in mm Step Size ☒ Auto 0.00500		ROC Offset: 0.0000 inch ☐ Lateral Offset: 0.00017 Pool width 0.00017 slit size in pixels 66				



typical interferogram



Pixel Hitogram and Slope error



Excessive Slope in Yellow. Max height pixels in red. Min height pixels in blue.

☐ Show min/max location ☒ Fit Surface ☐ full size Show Slopes

