

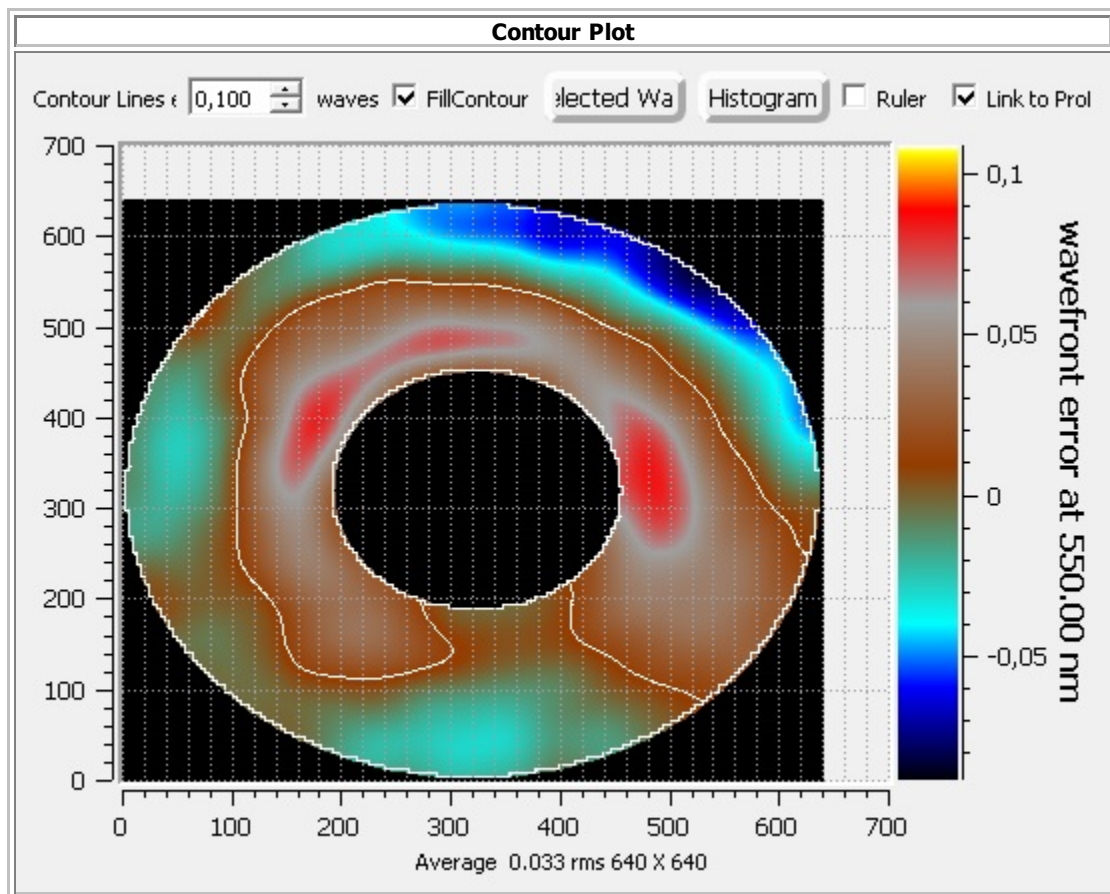
Interferometry Report for 964064 - Ilhan Kurt

Fr Sep 1 2023 12:32:44
DFTFringe Version:5.0

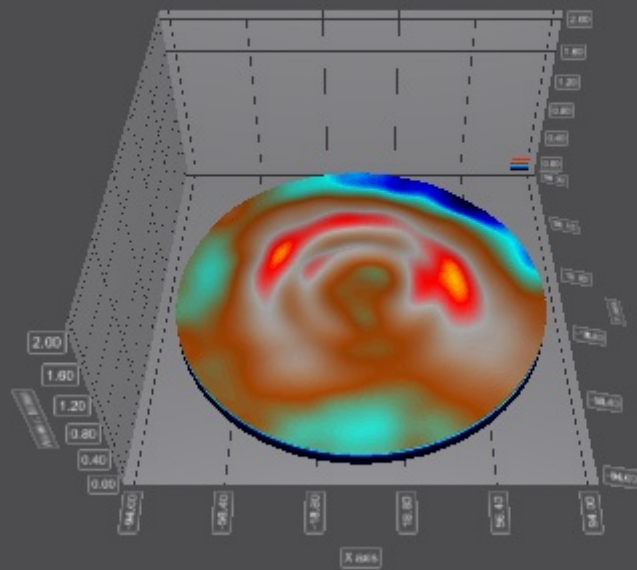
Diameter: 178.0 mm	ROC: 3560.0 mm	Fnumber: 10.0
RMS: 0.033 waves at 550.0 nm	Strehl: 0.958	Best Fit CC: -0.659
Desired Conic: 0	SANull: 0.0000	Waves per fringe: 0.5 Interferogram Wave length: 532nm

Zernike Values at interferogram wavelength

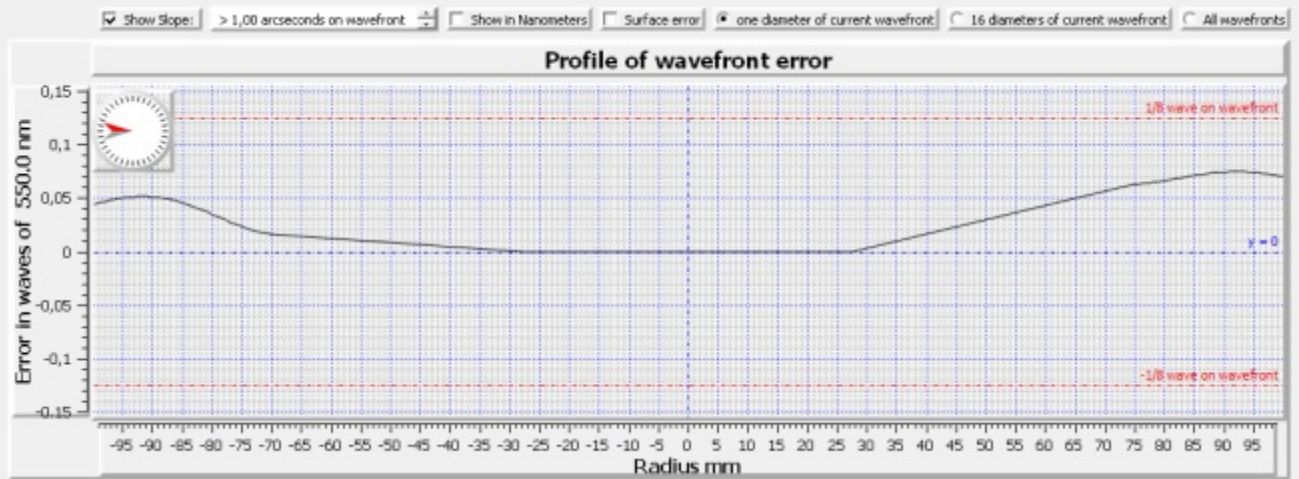
Term	Wyant	RMS		Term	Wyant	RMS	
Defocus	0.063	0.037	Disabled	26	-0.004	-0.001	
X Astig	0.020	0.008		27	0.006	0.002	
Y Astig	-0.020	-0.008		28	0.002	0.001	
astig Polar	0.028	-22.020 Deg.		29	0.006	0.002	
X Coma	-0.002	-0.001		30	0.004	0.001	
Y Coma	-0.051	-0.018		31	-0.016	-0.004	
Spherical	-0.072	-0.032		32	0.000	0.000	
X Trefoi	0.016	0.006		33	-0.007	-0.002	
Y Trefoil	-0.014	-0.005		34	0.017	0.004	
X 2nd Astig	-0.012	-0.004		4th Spherical	0.038	0.011	
Y 2nd Astig	-0.007	-0.002		36	-0.003	-0.001	
X 2nd Coma	-0.023	-0.007		37	0.003	0.001	
Y 2nd Coma	0.038	0.011		38	0.003	0.001	
2nd Spherical	0.099	0.038		39	-0.001	-0.000	
X Tetrafoi	-0.012	-0.004		40	0.007	0.002	
Y Tetrafoi	-0.005	-0.002		41	-0.007	-0.002	
2nd X Trefoi	-0.012	-0.004		42	-0.001	-0.000	
2nd Y Trefoi	0.005	0.001		43	-0.003	-0.001	
3rd X Astig	0.011	0.003		44	0.000	0.000	
3rd Y Astig	-0.000	-0.000		45	-0.004	-0.001	
3rd X Coma	0.004	0.001		46	0.004	0.001	
3rd Y Coma	-0.016	-0.004		47	0.003	0.001	
3rd Spherical	-0.057	-0.019					
25	0.002	0.001					



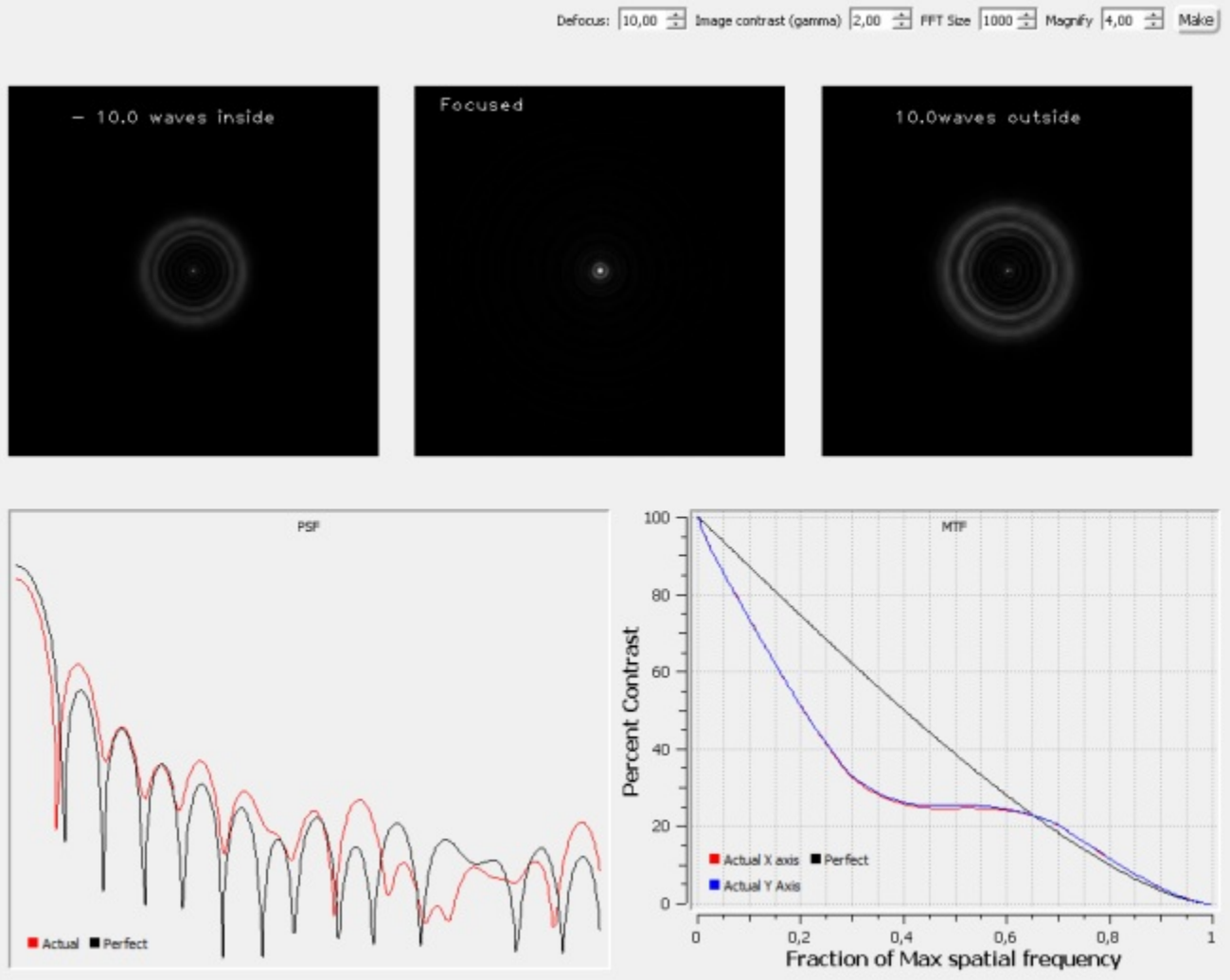
3D Surface Plot



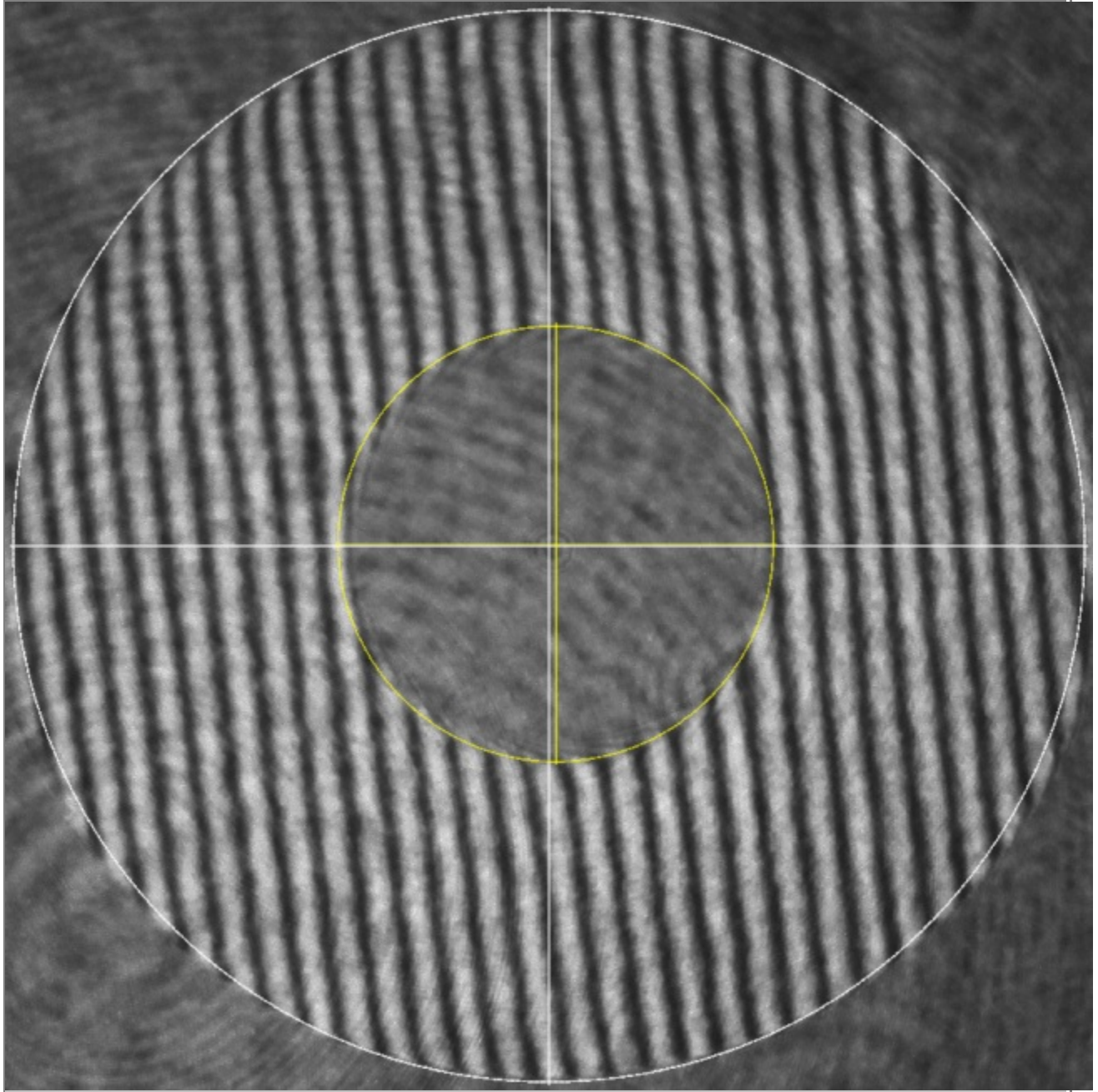
Profile Plot



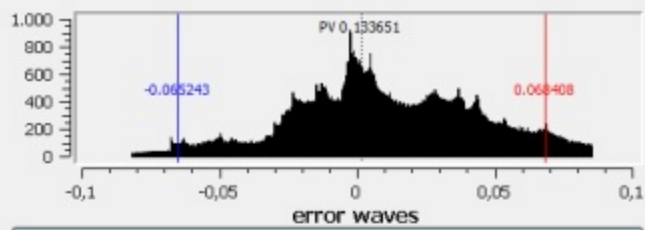
Star test, PSF and MTF



typical interferogram



Pixel Hitogram and Slope error



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

