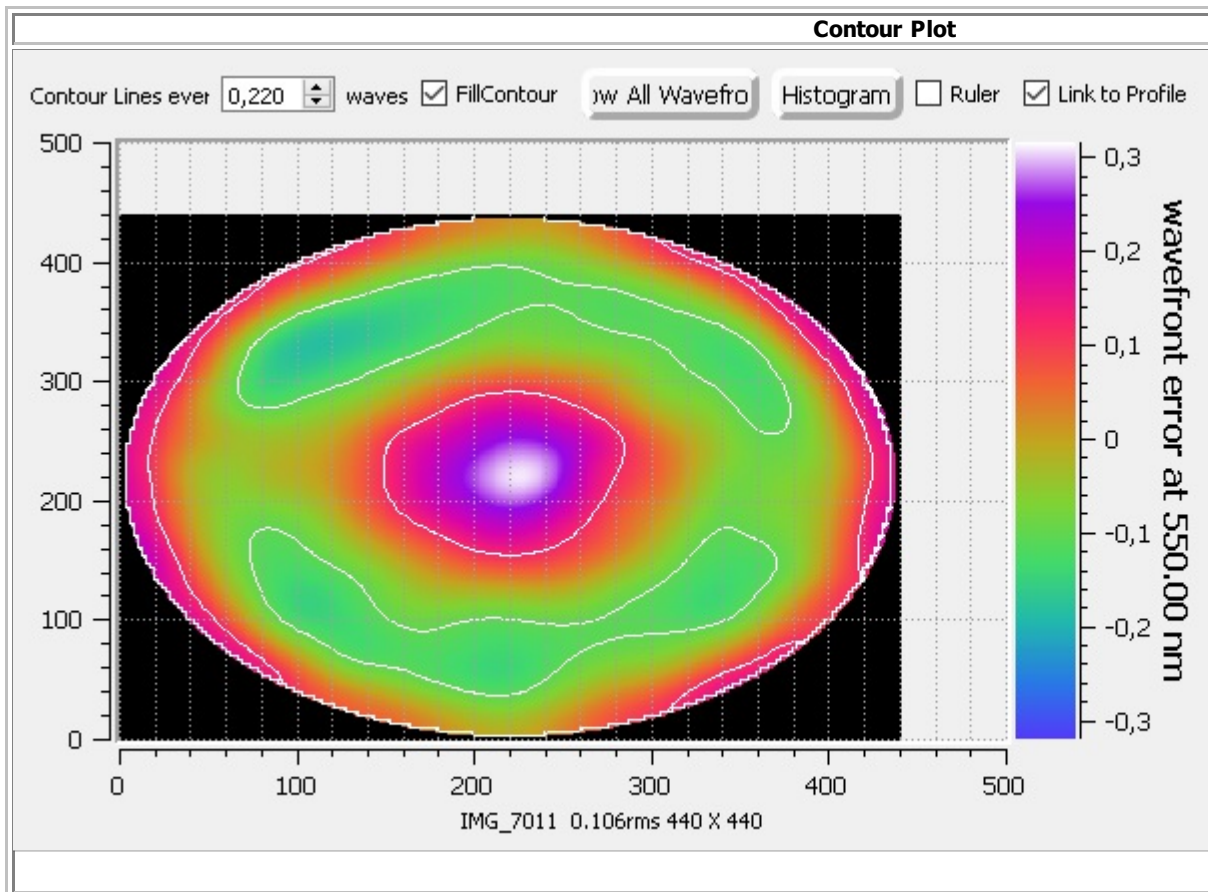


Interferometry Report for default

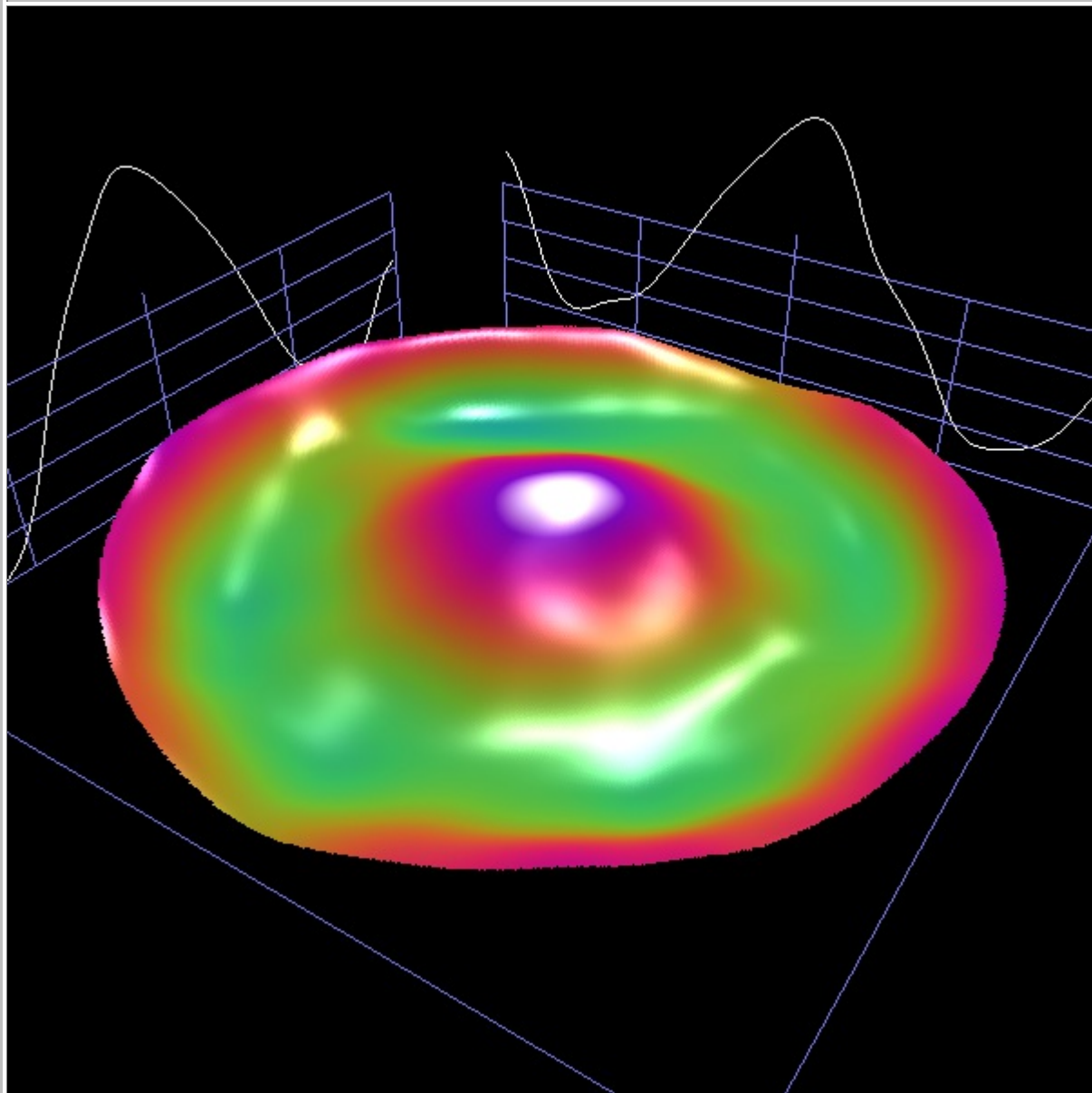
Di Feb 2 2021 14:21:53
DFTFringe Version:3.4

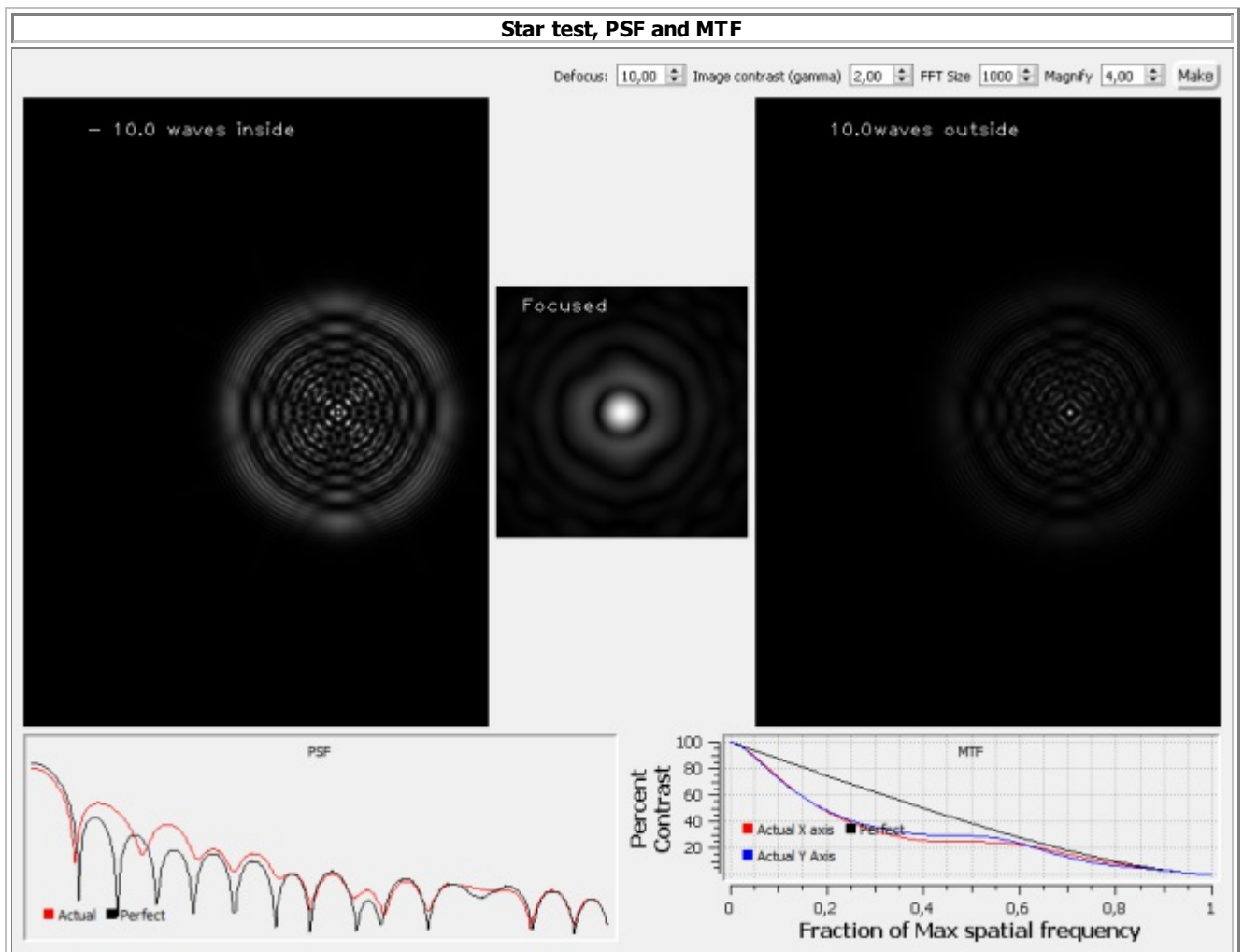
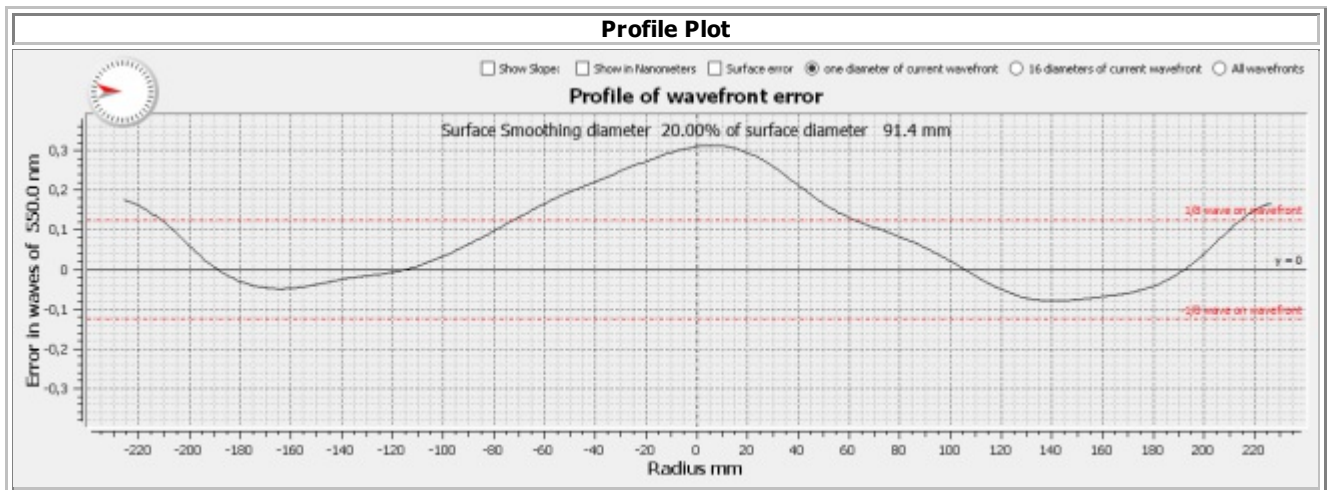
Diameter: 457.0 mm	ROC: 4052.0 mm	Fnumber: 4.4
RMS: 0.106 waves at 550.0 nm	Strehl: 0.642	Best Fit CC: -0.918
Desired Conic: -1	SANull: -3.2093	Waves per fringe: 1 Interferogram Wave length: 532nm

Zernike Values at interferogram wavelength							
Term	Wyant	RMS		Term	Wyant	RMS	
Defocus	7.618	4.398	Disabled	26	0.004	0.001	
X Astig	0.056	0.023		27	-0.062	-0.017	
Y Astig	0.004	0.002		28	0.013	0.004	
astig Polar	0.057	2.053 Deg.		29	-0.005	-0.001	
X Coma	-0.077	-0.027	Disabled	30	0.019	0.005	
Y Coma	0.031	0.011	Disabled	31	0.015	0.003	
Spherical	0.262	0.117		32	0.006	0.001	
X Trefoi	-0.020	-0.007		33	0.002	0.000	
Y Trefoil	-0.003	-0.001		34	-0.002	-0.000	
X 2nd Astig	0.017	0.006		4th Spherical	-0.047	-0.014	
Y 2nd Astig	-0.002	-0.001		36	0.030	0.008	
X 2nd Coma	-0.006	-0.002		37	-0.015	-0.004	
Y 2nd Coma	0.020	0.006		38	0.004	0.001	
2nd Spherical	-0.046	-0.017		39	-0.013	-0.003	
X Tetrafoi	-0.013	-0.004		40	0.011	0.003	
Y Tetrafoi	0.015	0.005		41	-0.012	-0.003	
2nd X Trefoi	0.023	0.007		42	0.001	0.000	
2nd Y Trefoi	0.000	0.000		43	-0.008	-0.002	
3rd X Astig	0.020	0.005		44	-0.006	-0.001	
3rd Y Astig	0.016	0.004		45	-0.001	-0.000	
3rd X Coma	0.003	0.001		46	-0.004	-0.001	
3rd Y Coma	-0.002	-0.000		47	-0.009	-0.002	
3rd Spherical	-0.016	-0.005					
25	0.007	0.002					



3D Surface Plot





Simulated Ronchi and Foucault

Source

- ☒ moving
☐ Fixed

Foucault

- ☐ Knife On Right
Slit Width

Ronchi LP1

- ☐ Clear Center

Gamma

Update

Surface Height

- ☒ 1X
☐ 2X
☐ 4X

Start Offset

End Offset

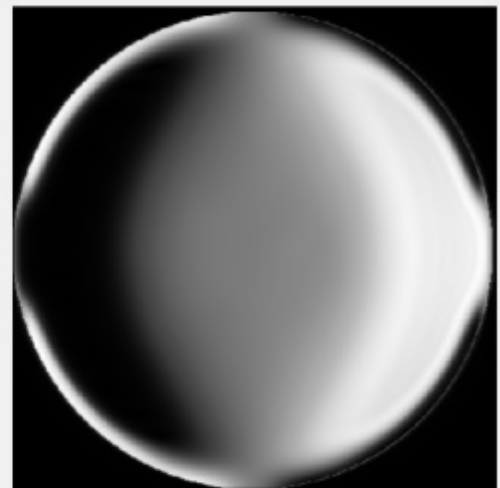
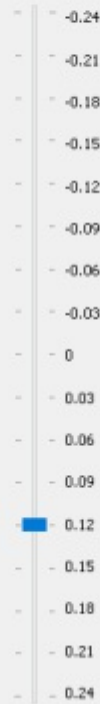
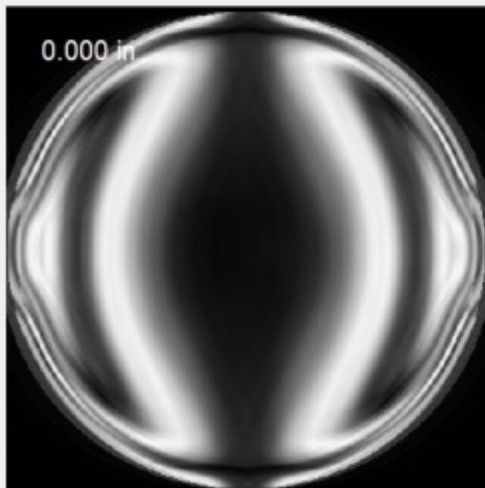
Step size:

Scan

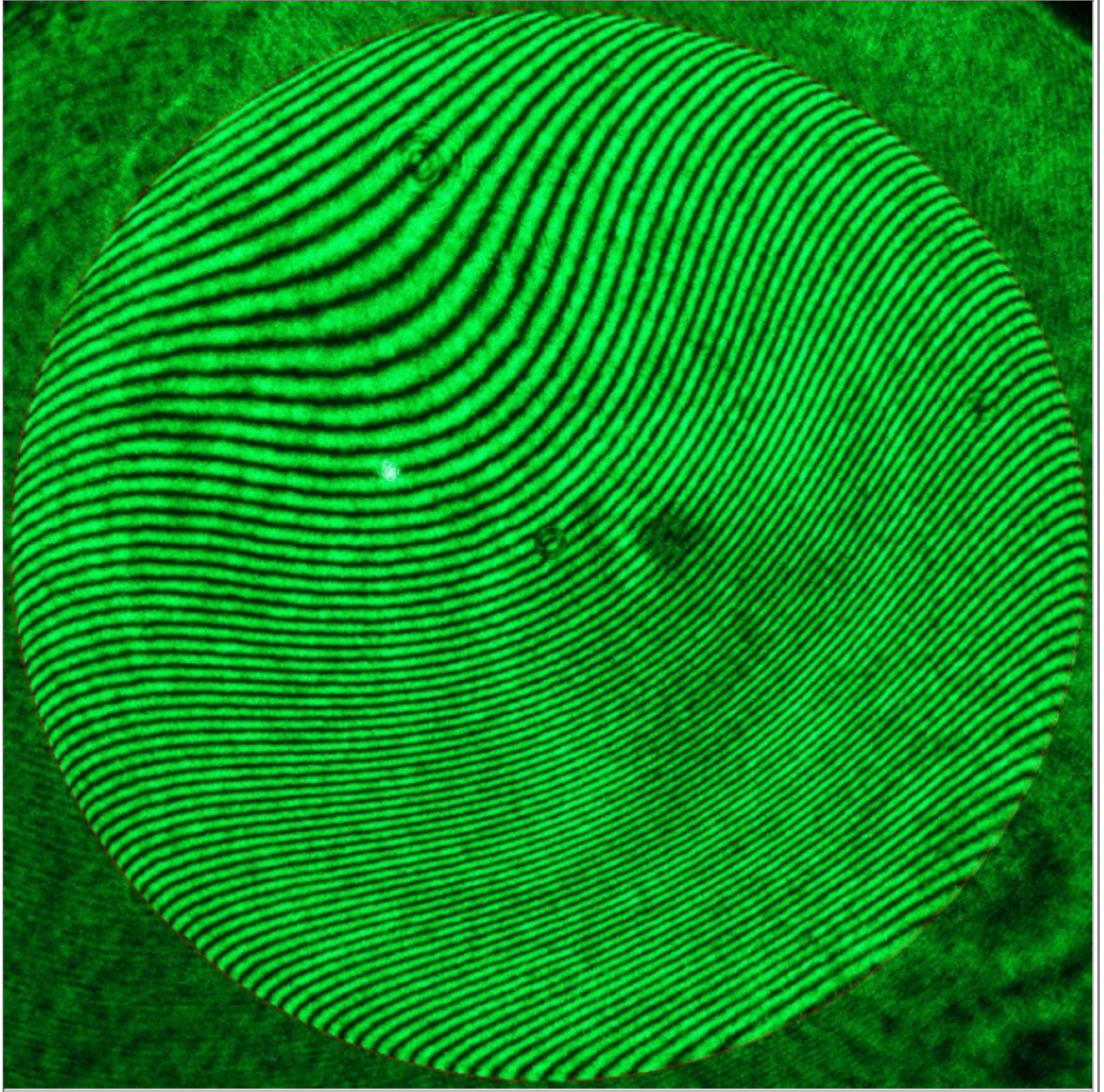
☐ Save Images

☐ offset in mm Step Size ☒ Auto

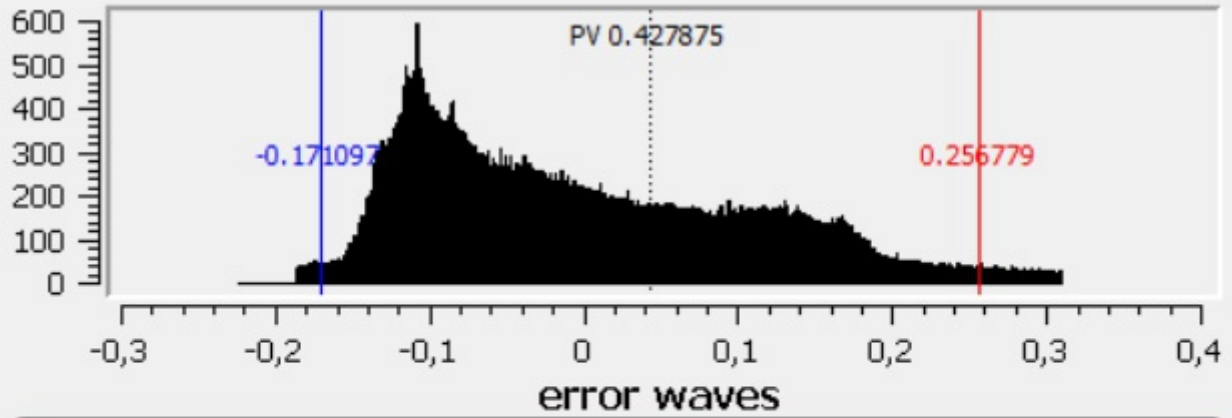
ROC Offset 0 Lateral Offset pixels 68



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

