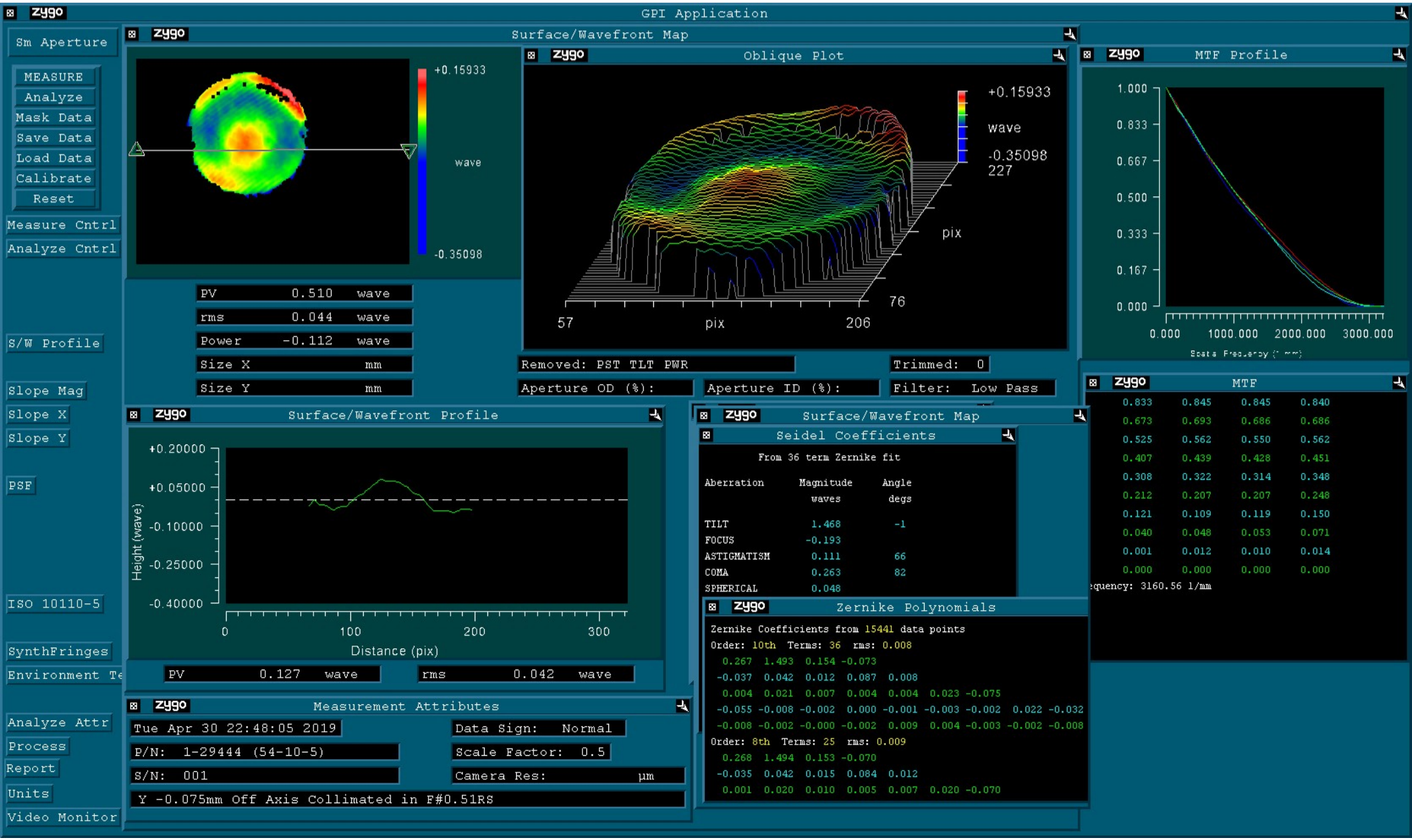
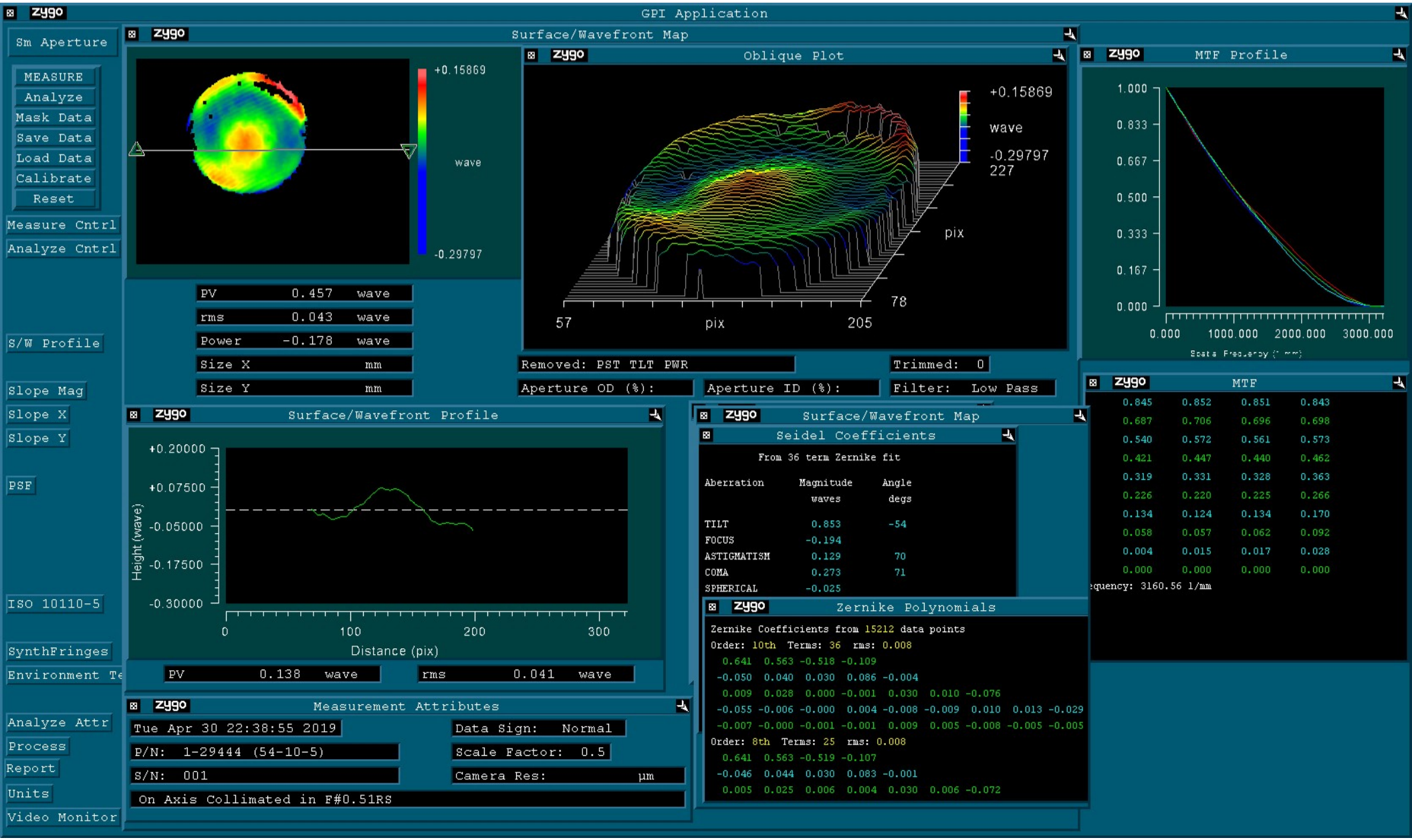
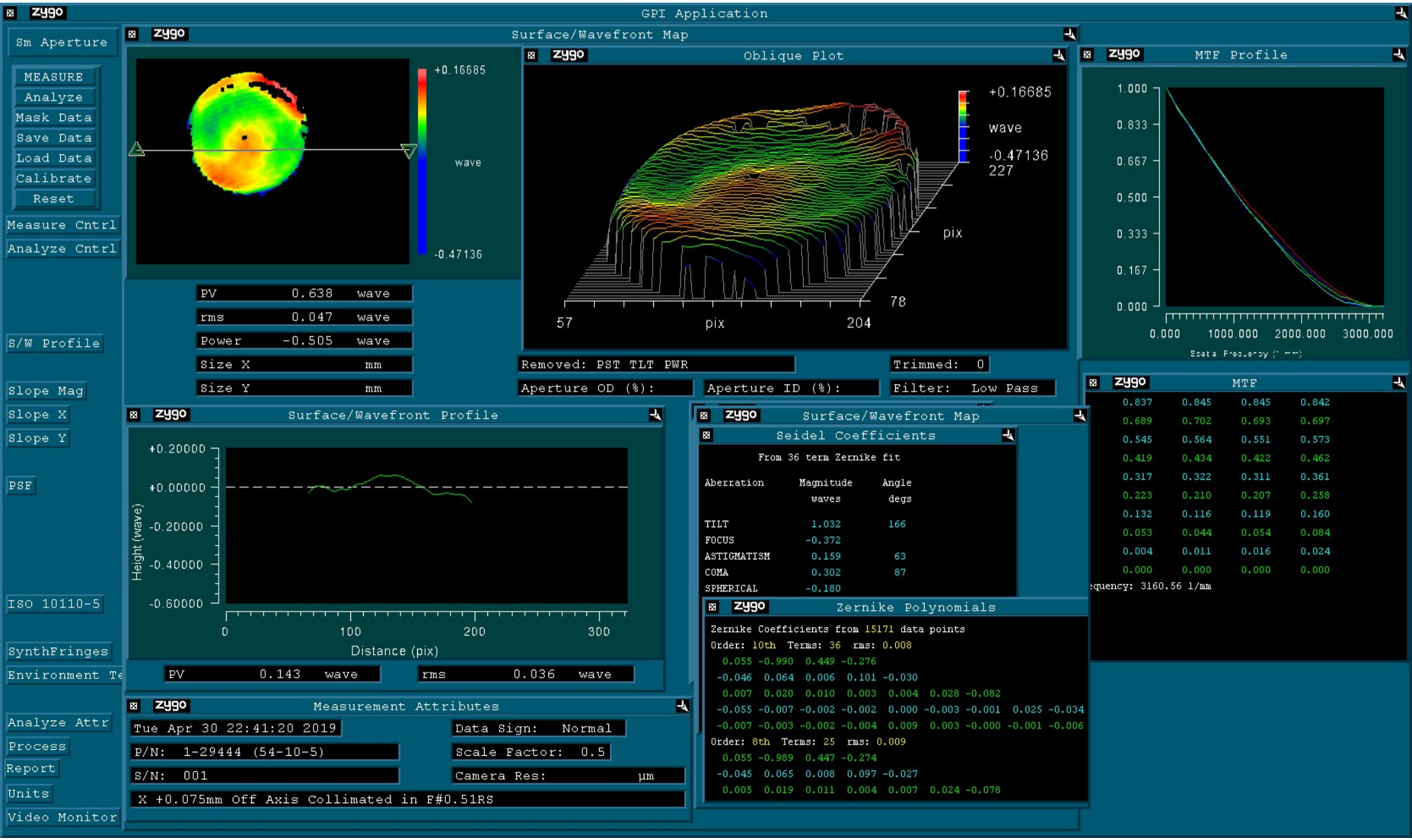
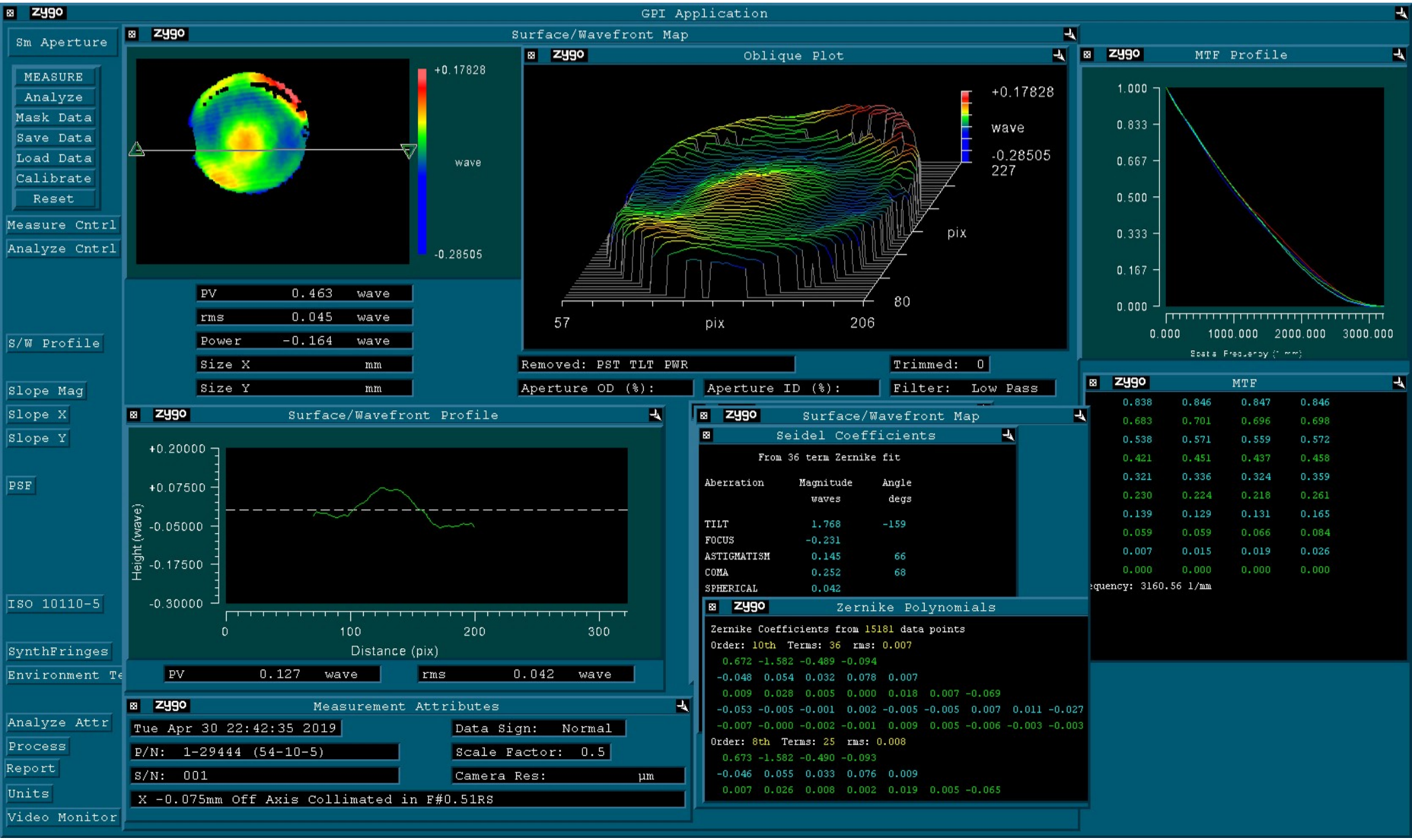
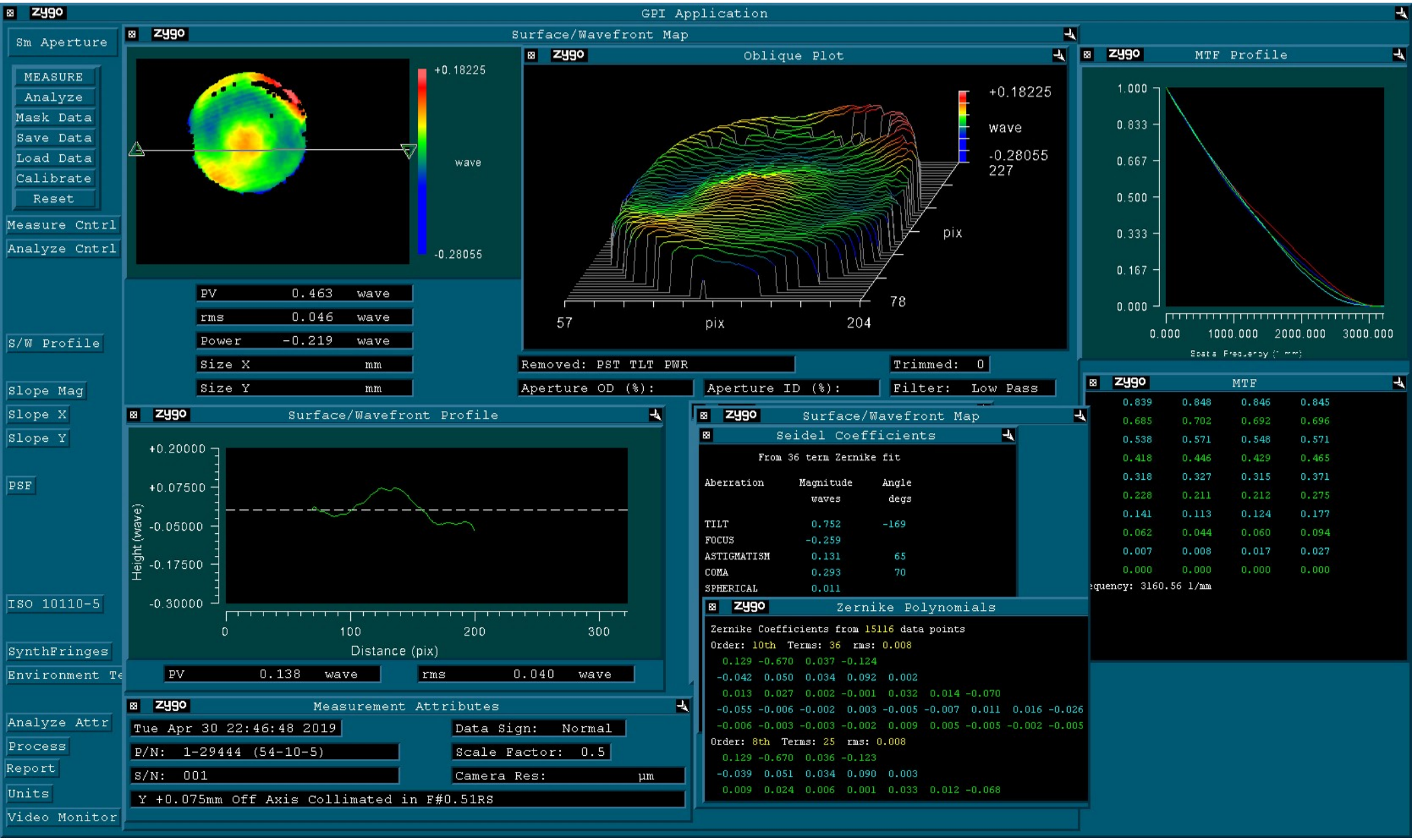

GPI Application
Sm Aperture
MEASURE
Analyze
Mask Data
Save Data
Load Data
Calibrate
Reset
Measure Cntrl
Analyze Cntrl
S/W Profile
Slope Mag
Slope X
Slope Y
PSF
ISO 10110-5
SynthFringes
Environment Te
Analyze Attr
Process
Report
Units
Video Monitor
Surface/Wavefront Map
+0.15933
wave
-0.35098
PV 0.510 wave
rms 0.044 wave
Power -0.112 wave
Size X mm
Size Y mm
Oblique Plot
+0.15933
wave
-0.35098
227
pix
76
57
pix
206
Removed: PST TLT PWR
Trimmed: 0
Aperture OD (%):
Aperture ID (%):
Filter: Low Pass
MTF Profile
1.000
0.833
0.667
0.500
0.333
0.167
0.000
0.000
1000.000
2000.000
3000.000
MTF
0.833 0.845 0.845 0.840
0.673 0.693 0.686 0.686
0.525 0.562 0.550 0.562
0.407 0.439 0.428 0.451
0.308 0.322 0.314 0.348
0.212 0.207 0.207 0.248
0.121 0.109 0.119 0.150
0.040 0.048 0.053 0.071
0.001 0.012 0.010 0.014
0.000 0.000 0.000 0.000
equency: 3160.56 1/mm
Surface/Wavefront Profile
+0.20000
+0.05000
-0.10000
-0.25000
-0.40000
Height (wave)
0
100
200
300
Distance (pix)
PV 0.127 wave
rms 0.042 wave
Surface/Wavefront Map
Seidel Coefficients
From 36 term Zernike fit
Aberration Magnitude waves Angle degs
TILT 1.468 -1
FOCUS -0.193
ASTIGMATISM 0.111 66
COMA 0.263 82
SPHERICAL 0.048
Zernike Polynomials
Zernike Coefficients from 15441 data points
Order: 10th Terms: 36 rms: 0.008
0.267 1.493 0.154 -0.073
-0.037 0.042 0.012 0.087 0.008
0.004 0.021 0.007 0.004 0.004 0.023 -0.075
-0.055 -0.008 -0.002 0.000 -0.001 -0.003 -0.002 0.022 -0.032
-0.008 -0.002 -0.000 -0.002 0.009 0.004 -0.003 -0.002 -0.008
Order: 8th Terms: 25 rms: 0.009
0.268 1.494 0.153 -0.070
-0.035 0.042 0.015 0.084 0.012
0.001 0.020 0.010 0.005 0.007 0.020 -0.070
Measurement Attributes
Tue Apr 30 22:48:05 2019
Data Sign: Normal
P/N: 1-29444 (54-10-5)
Scale Factor: 0.5
S/N: 001
Camera Res: µm
Y -0.075mm Off Axis Collimated in F#0.51RS


GPI Application
Sm Aperture
MEASURE
Analyze
Mask Data
Save Data
Load Data
Calibrate
Reset
Measure Cntrl
Analyze Cntrl
S/W Profile
Slope Mag
Slope X
Slope Y
PSF
ISO 10110-5
SynthFringes
Environment Te
Analyze Attr
Process
Report
Units
Video Monitor
Surface/Wavefront Map
+0.15869
wave
-0.29797
PV 0.457 wave
rms 0.043 wave
Power -0.178 wave
Size X mm
Size Y mm
Oblique Plot
+0.15869
wave
-0.29797
227
pix
78
57
pix
205
Removed: PST TLT PWR
Trimmed: 0
Aperture OD (%):
Aperture ID (%):
Filter: Low Pass
MTF Profile
1.000
0.833
0.667
0.500
0.333
0.167
0.000
0.000
1000.000
2000.000
3000.000
MTF
0.845 0.852 0.851 0.843
0.687 0.706 0.696 0.698
0.540 0.572 0.561 0.573
0.421 0.447 0.440 0.462
0.319 0.331 0.328 0.363
0.226 0.220 0.225 0.266
0.134 0.124 0.134 0.170
0.058 0.057 0.062 0.092
0.004 0.015 0.017 0.028
0.000 0.000 0.000 0.000
equency: 3160.56 1/mm
Surface/Wavefront Profile
+0.20000
+0.07500
-0.05000
-0.17500
-0.30000
Height (wave)
0
100
200
300
Distance (pix)
PV 0.138 wave
rms 0.041 wave
Measurement Attributes
Tue Apr 30 22:38:55 2019
Data Sign: Normal
P/N: 1-29444 (54-10-5)
Scale Factor: 0.5
S/N: 001
Camera Res: µm
On Axis Collimated in F#0.51RS
Surface/Wavefront Map
Seidel Coefficients
From 36 term Zernike fit
Aberration Magnitude waves Angle degs
TILT 0.853 -54
FOCUS -0.194
ASTIGMATISM 0.129 70
COMA 0.273 71
SPHERICAL -0.025
Zernike Polynomials
Zernike Coefficients from 15212 data points
Order: 10th Terms: 36 rms: 0.008
0.641 0.563 -0.518 -0.109
-0.050 0.040 0.030 0.086 -0.004
0.009 0.028 0.000 -0.001 0.030 0.010 -0.076
-0.055 -0.006 -0.000 0.004 -0.008 -0.009 0.010 0.013 -0.029
-0.007 -0.000 -0.001 -0.001 0.009 0.005 -0.008 -0.005 -0.005
Order: 8th Terms: 25 rms: 0.008
0.641 0.563 -0.519 -0.107
-0.046 0.044 0.030 0.083 -0.001
0.005 0.025 0.006 0.004 0.030 0.006 -0.072


GPI Application
Sm Aperture
MEASURE
Analyze
Mask Data
Save Data
Load Data
Calibrate
Reset
Measure Cntrl
Analyze Cntrl
S/W Profile
Slope Mag
Slope X
Slope Y
PSF
ISO 10110-5
SynthFringes
Environment Te
Analyze Attr
Process
Report
Units
Video Monitor
Surface/Wavefront Map
+0.16685
wave
-0.47136
PV 0.638 wave
rms 0.047 wave
Power -0.505 wave
Size X mm
Size Y mm
Oblique Plot
+0.16685
wave
-0.47136
227
pix
78
57
pix
204
Removed: PST TLT PWR
Trimmed: 0
Aperture OD (%):
Aperture ID (%):
Filter: Low Pass
MTF Profile
1.000
0.833
0.667
0.500
0.333
0.167
0.000
0.000
1000.000
2000.000
3000.000
MTF
0.837 0.845 0.845 0.842
0.689 0.702 0.693 0.697
0.545 0.564 0.551 0.573
0.419 0.434 0.422 0.462
0.317 0.322 0.311 0.361
0.223 0.210 0.207 0.258
0.132 0.116 0.119 0.160
0.053 0.044 0.054 0.084
0.004 0.011 0.016 0.024
0.000 0.000 0.000 0.000
Surface/Wavefront Profile
+0.20000
+0.00000
-0.20000
-0.40000
-0.60000
Height (wave)
0
100
200
300
Distance (pix)
PV 0.143 wave
rms 0.036 wave
Measurement Attributes
Tue Apr 30 22:41:20 2019
Data Sign: Normal
P/N: 1-29444 (54-10-5)
Scale Factor: 0.5
S/N: 001
Camera Res: µm
X +0.075mm Off Axis Collimated in F#0.51RS
Surface/Wavefront Map
Seidel Coefficients
From 36 term Zernike fit
Aberration Magnitude waves Angle degs
TILT 1.032 166
FOCUS -0.372
ASTIGMATISM 0.159 63
COMA 0.302 87
SPHERICAL -0.180
Zernike Polynomials
Zernike Coefficients from 15171 data points
Order: 10th Terms: 36 rms: 0.008
0.055 -0.990 0.449 -0.276
-0.046 0.064 0.006 0.101 -0.030
0.007 0.020 0.010 0.003 0.004 0.028 -0.082
-0.055 -0.007 -0.002 -0.002 0.000 -0.003 -0.001 0.025 -0.034
-0.007 -0.003 -0.002 -0.004 0.009 0.003 -0.000 -0.001 -0.006
Order: 8th Terms: 25 rms: 0.009
0.055 -0.989 0.447 -0.274
-0.045 0.065 0.008 0.097 -0.027
0.005 0.019 0.011 0.004 0.007 0.024 -0.078


GPI Application
Sm Aperture
MEASURE
Analyze
Mask Data
Save Data
Load Data
Calibrate
Reset
Measure Cntrl
Analyze Cntrl
S/W Profile
Slope Mag
Slope X
Slope Y
PSF
ISO 10110-5
SynthFringes
Environment Te
Analyze Attr
Process
Report
Units
Video Monitor
Surface/Wavefront Map
+0.17828
wave
-0.28505
PV 0.463 wave
rms 0.045 wave
Power -0.164 wave
Size X mm
Size Y mm
Oblique Plot
+0.17828
wave
-0.28505
227
pix
80
57
pix
206
Removed: PST TLT PWR
Trimmed: 0
Aperture OD (%):
Aperture ID (%):
Filter: Low Pass
MTF Profile
1.000
0.833
0.667
0.500
0.333
0.167
0.000
0.000
1000.000
2000.000
3000.000
MTF
0.838 0.846 0.847 0.846
0.683 0.701 0.696 0.698
0.538 0.571 0.559 0.572
0.421 0.451 0.437 0.458
0.321 0.336 0.324 0.359
0.230 0.224 0.218 0.261
0.139 0.129 0.131 0.165
0.059 0.059 0.066 0.084
0.007 0.015 0.019 0.026
0.000 0.000 0.000 0.000
equency: 3160.56 1/mm
Surface/Wavefront Profile
+0.20000
+0.07500
-0.05000
-0.17500
-0.30000
Height (wave)
0
100
200
300
Distance (pix)
PV 0.127 wave
rms 0.042 wave
Surface/Wavefront Map
Seidel Coefficients
From 36 term Zernike fit
Aberration Magnitude waves Angle degs
TILT 1.768 -159
FOCUS -0.231
ASTIGMATISM 0.145 66
COMA 0.252 68
SPHERICAL 0.042
Zernike Polynomials
Zernike Coefficients from 15181 data points
Order: 10th Terms: 36 rms: 0.007
0.672 -1.582 -0.489 -0.094
-0.048 0.054 0.032 0.078 0.007
0.009 0.028 0.005 0.000 0.018 0.007 -0.069
-0.053 -0.005 -0.001 0.002 -0.005 -0.005 0.007 0.011 -0.027
-0.007 -0.000 -0.002 -0.001 0.009 0.005 -0.006 -0.003 -0.003
Order: 8th Terms: 25 rms: 0.008
0.673 -1.582 -0.490 -0.093
-0.046 0.055 0.033 0.076 0.009
0.007 0.026 0.008 0.002 0.019 0.005 -0.065
Measurement Attributes
Tue Apr 30 22:42:35 2019
Data Sign: Normal
P/N: 1-29444 (54-10-5)
Scale Factor: 0.5
S/N: 001
Camera Res: µm
X -0.075mm Off Axis Collimated in F#0.51RS


GPI Application
Sm Aperture
MEASURE
Analyze
Mask Data
Save Data
Load Data
Calibrate
Reset
Measure Cntrl
Analyze Cntrl
S/W Profile
Slope Mag
Slope X
Slope Y
PSF
ISO 10110-5
SynthFringes
Environment Te
Analyze Attr
Process
Report
Units
Video Monitor
Surface/Wavefront Map
+0.18225
wave
-0.28055
PV 0.463 wave
rms 0.046 wave
Power -0.219 wave
Size X mm
Size Y mm
Oblique Plot
+0.18225
wave
-0.28055
227
pix
78
57
pix
204
Removed: PST TLT PWR
Trimmed: 0
Aperture OD (%):
Aperture ID (%):
Filter: Low Pass
MTF Profile
1.000
0.833
0.667
0.500
0.333
0.167
0.000
0.000
1000.000
2000.000
3000.000
MTF
0.839 0.848 0.846 0.845
0.685 0.702 0.692 0.696
0.538 0.571 0.548 0.571
0.418 0.446 0.429 0.465
0.318 0.327 0.315 0.371
0.228 0.211 0.212 0.275
0.141 0.113 0.124 0.177
0.062 0.044 0.060 0.094
0.007 0.008 0.017 0.027
0.000 0.000 0.000 0.000
equency: 3160.56 1/mm
Surface/Wavefront Profile
+0.20000
+0.07500
-0.05000
-0.17500
-0.30000
Height (wave)
0
100
200
300
Distance (pix)
PV 0.138 wave
rms 0.040 wave
Measurement Attributes
Tue Apr 30 22:46:48 2019
Data Sign: Normal
P/N: 1-29444 (54-10-5)
Scale Factor: 0.5
S/N: 001
Camera Res: µm
Y +0.075mm Off Axis Collimated in F#0.51RS
Surface/Wavefront Map
Seidel Coefficients
From 36 term Zernike fit
Aberration Magnitude waves Angle degs
TILT 0.752 -169
FOCUS -0.259
ASTIGMATISM 0.131 65
COMA 0.293 70
SPHERICAL 0.011
Zernike Polynomials
Zernike Coefficients from 15116 data points
Order: 10th Terms: 36 rms: 0.008
0.129 -0.670 0.037 -0.124
-0.042 0.050 0.034 0.092 0.002
0.013 0.027 0.002 -0.001 0.032 0.014 -0.070
-0.055 -0.006 -0.002 0.003 -0.005 -0.007 0.011 0.016 -0.026
-0.006 -0.003 -0.003 -0.002 0.009 0.005 -0.005 -0.002 -0.005
Order: 8th Terms: 25 rms: 0.008
0.129 -0.670 0.036 -0.123
-0.039 0.051 0.034 0.090 0.003
0.009 0.024 0.006 0.001 0.033 0.012 -0.068