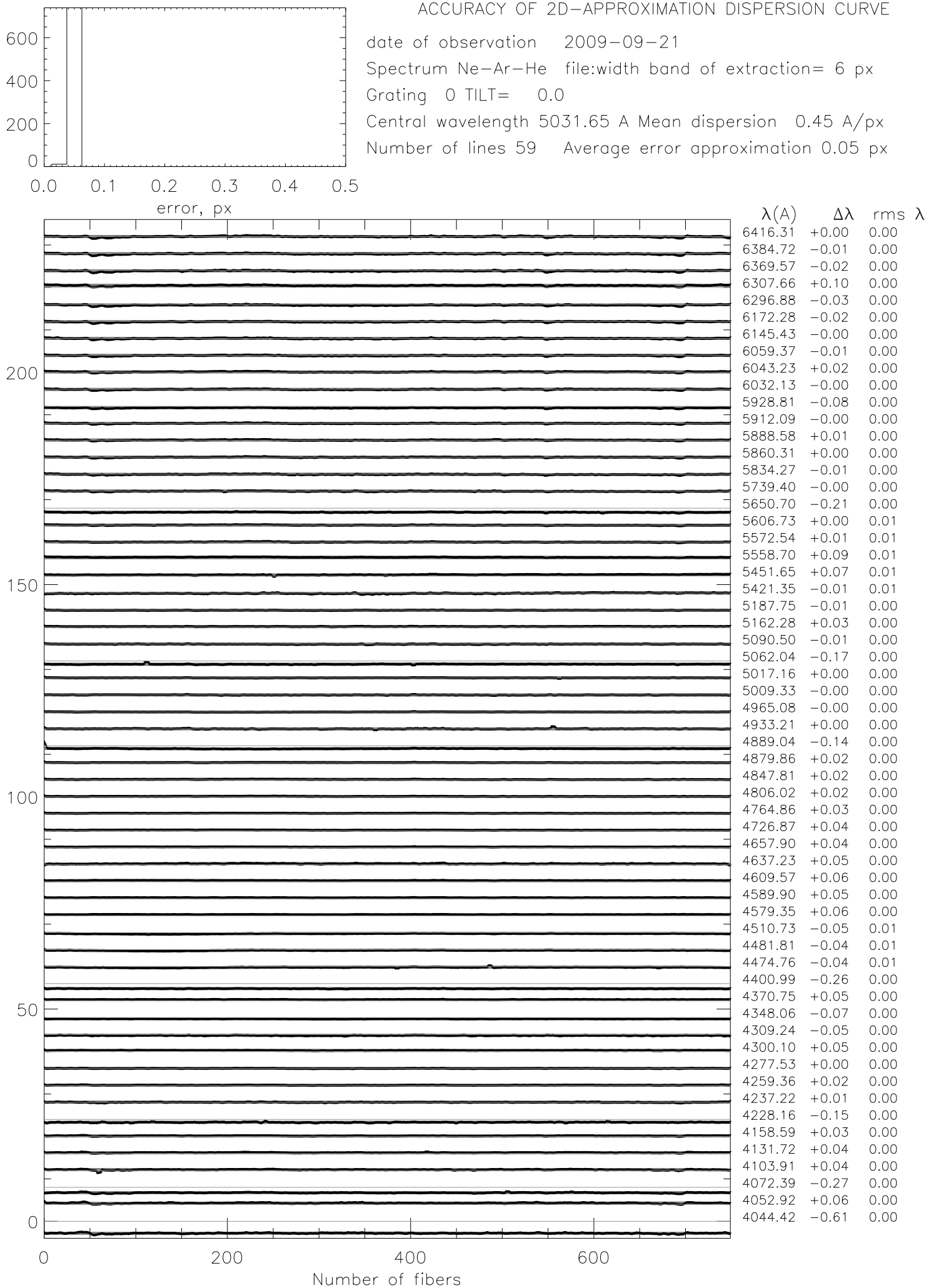
ACCURACY OF 2D−APPROXIMATION DISPERSION CURVE
date of observation 2009−09−21
Spectrum Ne−Ar−He file:width band of extraction= 6 px
Grating 0 TILT= 0.0
Central wavelength 5031.65 A Mean dispersion 0.45 A/px
Number of lines 59 Average error approximation 0.05 px
error, px
λ(A) Δλ rms λ
6416.31 +0.00 0.00
6384.72 −0.01 0.00
6369.57 −0.02 0.00
6307.66 +0.10 0.00
6296.88 −0.03 0.00
6172.28 −0.02 0.00
6145.43 −0.00 0.00
6059.37 −0.01 0.00
6043.23 +0.02 0.00
6032.13 −0.00 0.00
5928.81 −0.08 0.00
5912.09 −0.00 0.00
5888.58 +0.01 0.00
5860.31 +0.00 0.00
5834.27 −0.01 0.00
5739.40 −0.00 0.00
5650.70 −0.21 0.00
5606.73 +0.00 0.01
5572.54 +0.01 0.01
5558.70 +0.09 0.01
5451.65 +0.07 0.01
5421.35 −0.01 0.01
5187.75 −0.01 0.00
5162.28 +0.03 0.00
5090.50 −0.01 0.00
5062.04 −0.17 0.00
5017.16 +0.00 0.00
5009.33 −0.00 0.00
4965.08 −0.00 0.00
4933.21 +0.00 0.00
4889.04 −0.14 0.00
4879.86 +0.02 0.00
4847.81 +0.02 0.00
4806.02 +0.02 0.00
4764.86 +0.03 0.00
4726.87 +0.04 0.00
4657.90 +0.04 0.00
4637.23 +0.05 0.00
4609.57 +0.06 0.00
4589.90 +0.05 0.00
4579.35 +0.06 0.00
4510.73 −0.05 0.01
4481.81 −0.04 0.01
4474.76 −0.04 0.01
4400.99 −0.26 0.00
4370.75 +0.05 0.00
4348.06 −0.07 0.00
4309.24 −0.05 0.00
4300.10 +0.05 0.00
4277.53 +0.00 0.00
4259.36 +0.02 0.00
4237.22 +0.01 0.00
4228.16 −0.15 0.00
4158.59 +0.03 0.00
4131.72 +0.04 0.00
4103.91 +0.04 0.00
4072.39 −0.27 0.00
4052.92 +0.06 0.00
4044.42 −0.61 0.00
Residual deviations, px
Number of fibers