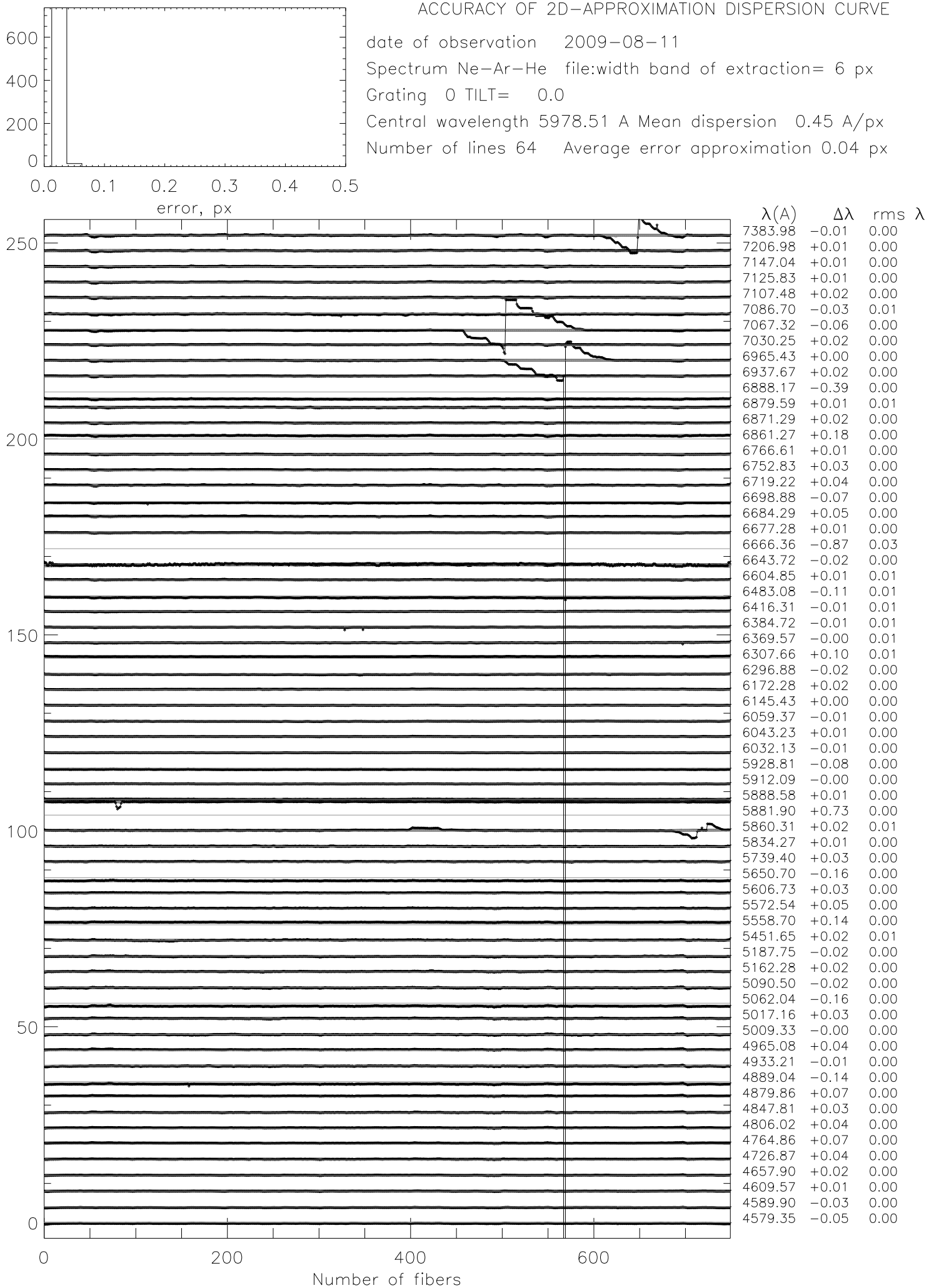
ACCURACY OF 2D−APPROXIMATION DISPERSION CURVE
date of observation 2009−08−11
Spectrum Ne−Ar−He file:width band of extraction= 6 px
Grating 0 TILT= 0.0
Central wavelength 5978.51 A Mean dispersion 0.45 A/px
Number of lines 64 Average error approximation 0.04 px
error, px
Residual deviations, px
Number of fibers
λ(A) Δλ rms λ
7383.98 −0.01 0.00
7206.98 +0.01 0.00
7147.04 +0.01 0.00
7125.83 +0.01 0.00
7107.48 +0.02 0.00
7086.70 −0.03 0.01
7067.32 −0.06 0.00
7030.25 +0.02 0.00
6965.43 +0.00 0.00
6937.67 +0.02 0.00
6888.17 −0.39 0.00
6879.59 +0.01 0.01
6871.29 +0.02 0.00
6861.27 +0.18 0.00
6766.61 +0.01 0.00
6752.83 +0.03 0.00
6719.22 +0.04 0.00
6698.88 −0.07 0.00
6684.29 +0.05 0.00
6677.28 +0.01 0.00
6666.36 −0.87 0.03
6643.72 −0.02 0.00
6604.85 +0.01 0.01
6483.08 −0.11 0.01
6416.31 −0.01 0.01
6384.72 −0.01 0.01
6369.57 −0.00 0.01
6307.66 +0.10 0.01
6296.88 −0.02 0.00
6172.28 +0.02 0.00
6145.43 +0.00 0.00
6059.37 −0.01 0.00
6043.23 +0.01 0.00
6032.13 −0.01 0.00
5928.81 −0.08 0.00
5912.09 −0.00 0.00
5888.58 +0.01 0.00
5881.90 +0.73 0.00
5860.31 +0.02 0.01
5834.27 +0.01 0.00
5739.40 +0.03 0.00
5650.70 −0.16 0.00
5606.73 +0.03 0.00
5572.54 +0.05 0.00
5558.70 +0.14 0.00
5451.65 +0.02 0.01
5187.75 −0.02 0.00
5162.28 +0.02 0.00
5090.50 −0.02 0.00
5062.04 −0.16 0.00
5017.16 +0.03 0.00
5009.33 −0.00 0.00
4965.08 +0.04 0.00
4933.21 −0.01 0.00
4889.04 −0.14 0.00
4879.86 +0.07 0.00
4847.81 +0.03 0.00
4806.02 +0.04 0.00
4764.86 +0.07 0.00
4726.87 +0.04 0.00
4657.90 +0.02 0.00
4609.57 +0.01 0.00
4589.90 −0.03 0.00
4579.35 −0.05 0.00