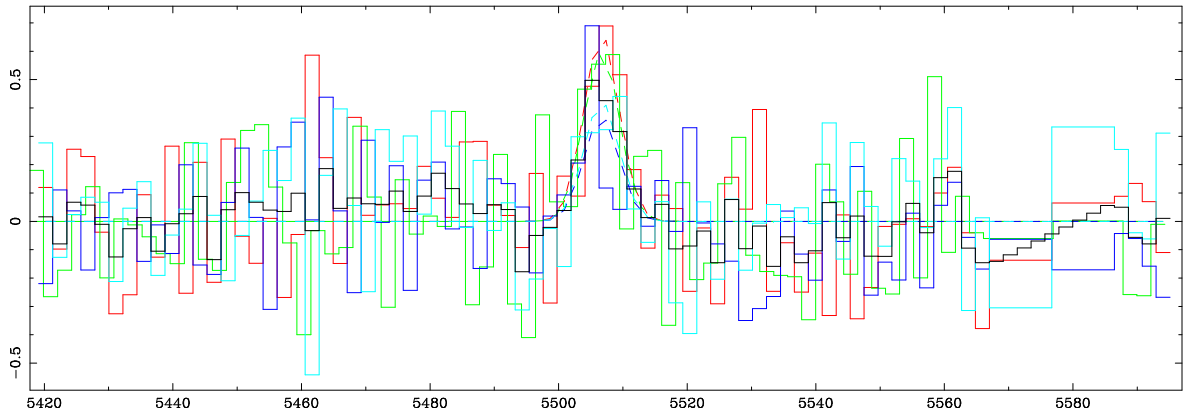


S/N = 7.18

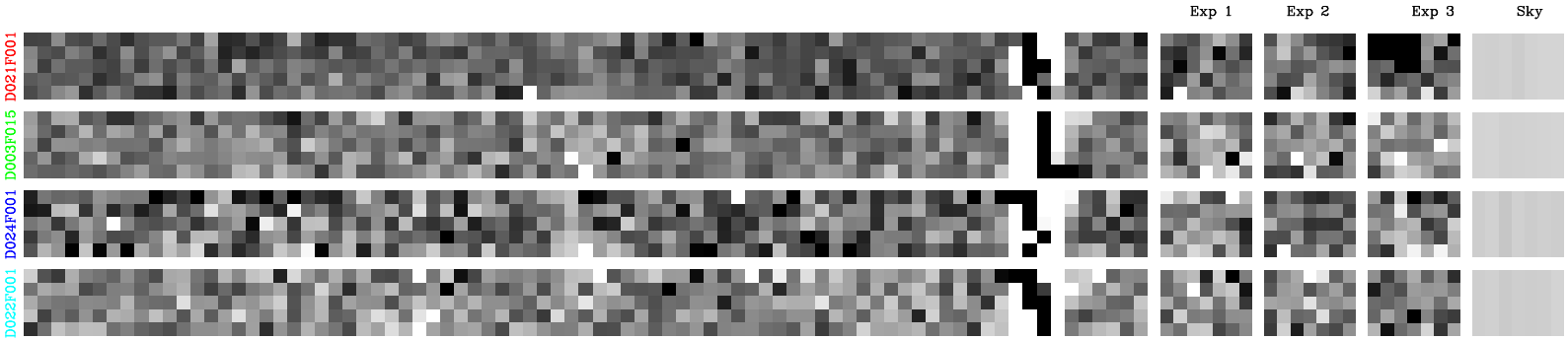
$FWHM_{obs}$ = 6.48Å

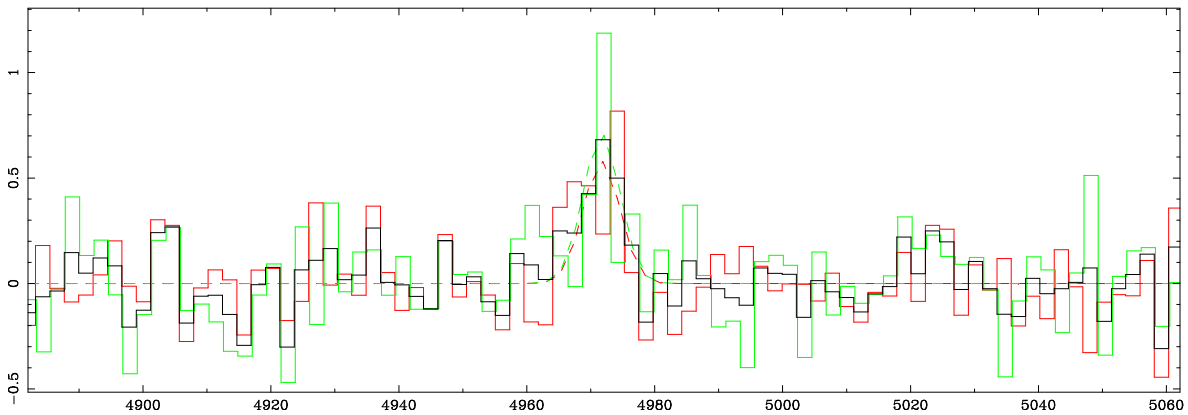
λ_{obs} = 5506.68Å

EW_{obs} = 12.37Å

α_{2000} = 46.6558°

δ_{2000} = 0.0345°





S/N = 6.40

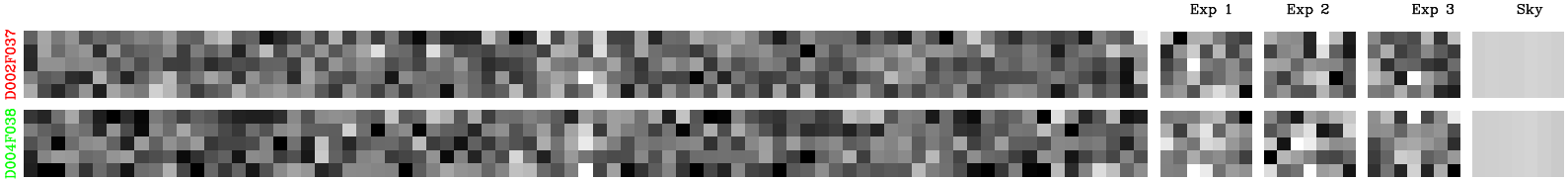
$FWHM_{obs}$ = 6.79Å

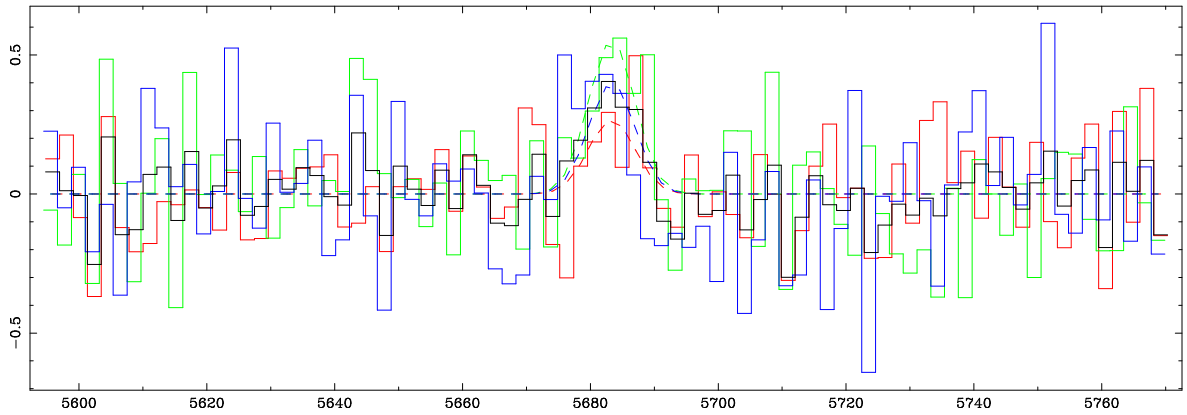
λ_{obs} = 4971.69Å

EW_{obs} > 76.07Å

α_{2000} = 46.6695°

δ_{2000} = 0.0315°





$S/N = 6.03$

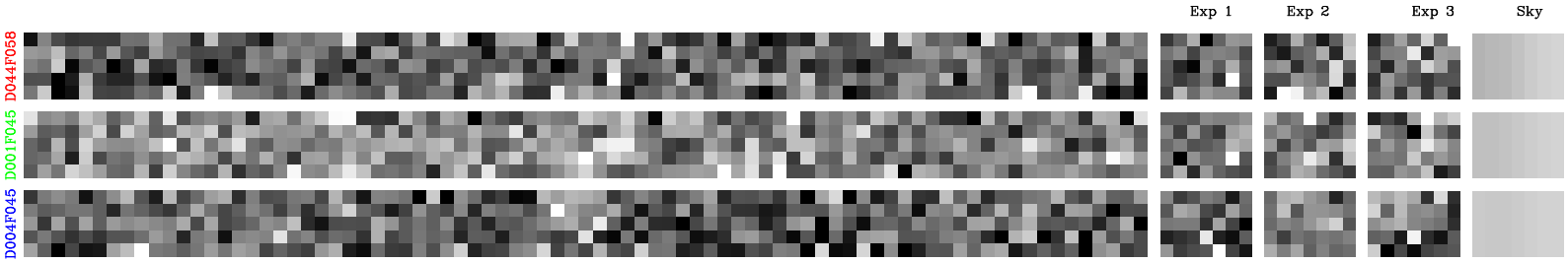
$FWHM_{obs} = 8.55Å$

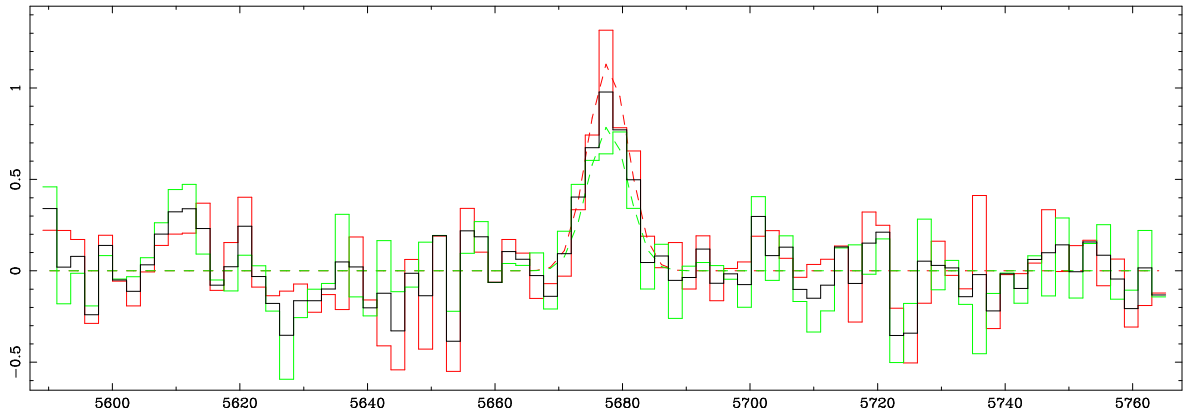
$\lambda_{obs} = 5683.34Å$

$EW_{obs} > 70.95Å$

$\alpha_{2000} = 46.6852°$

$\delta_{2000} = 0.0296°$





S/N = 8.70

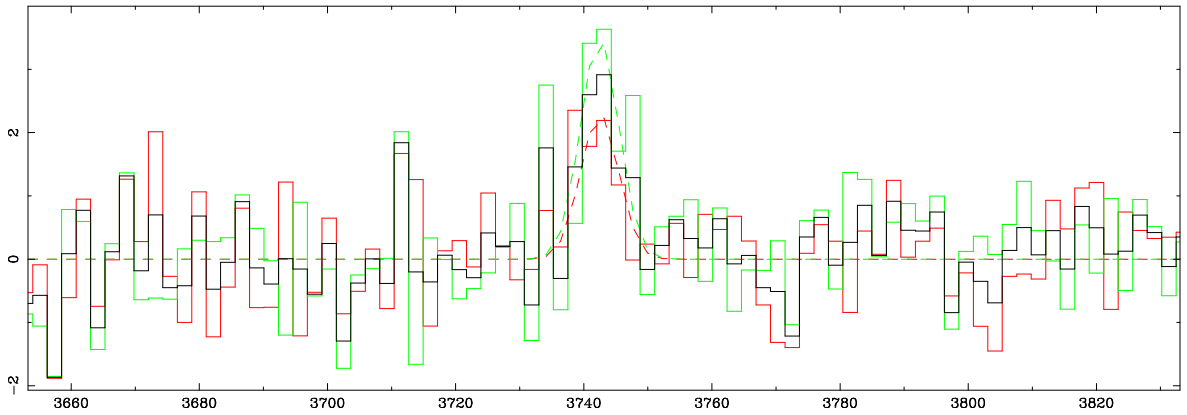
$FWHM_{obs}$ = 7.45Å

λ_{obs} = 5677.71Å

EW_{obs} = 54.88Å

α_{2000} = 46.6624°

δ_{2000} = 0.0238°



$S/N = 5.45$

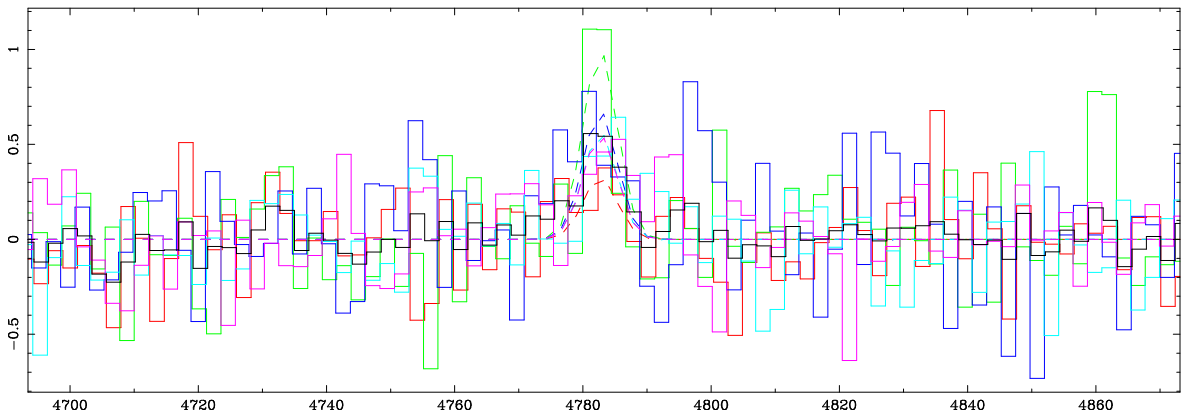
$FWHM_{obs} = 7.01Å$

$\lambda_{obs} = 3742.47Å$

$EW_{obs} > 71.86Å$

$\alpha_{2000} = 46.6588°$

$\delta_{2000} = 0.0111°$



$S/N = 7.98$

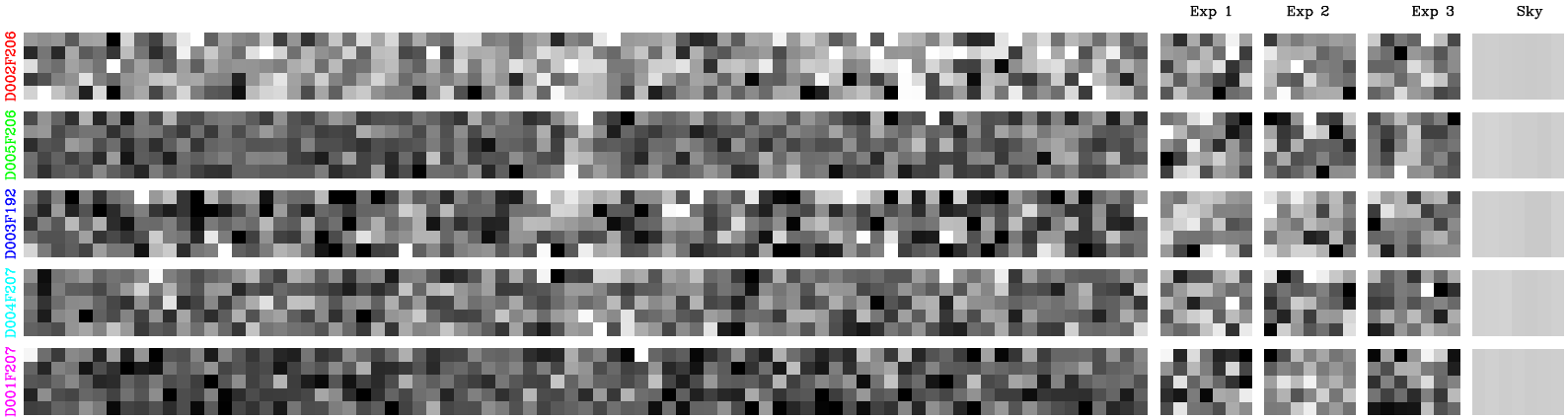
$FWHM_{obs} = 6.30Å$

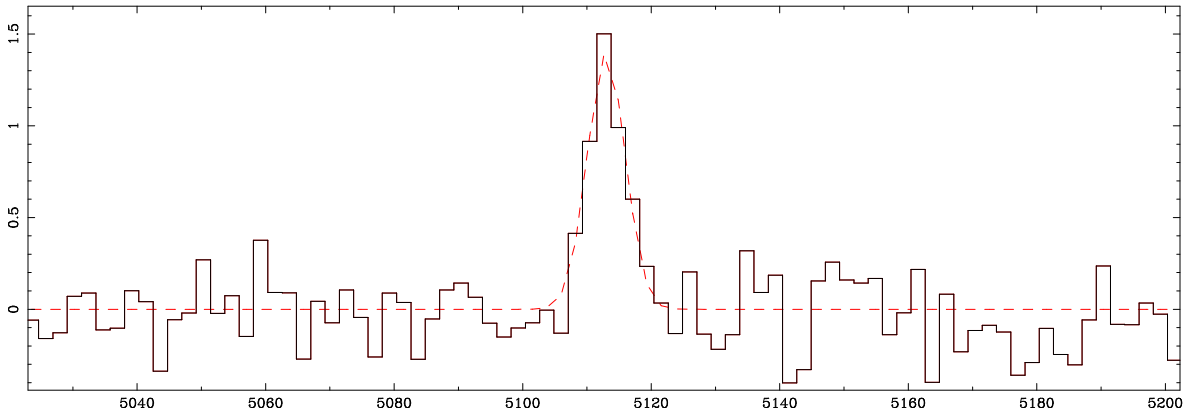
$\lambda_{obs} = 4782.68Å$

$EW_{obs} = 24.01Å$

$\alpha_{2000} = 46.6802°$

$\delta_{2000} = 0.0090°$





S/N = 10.03

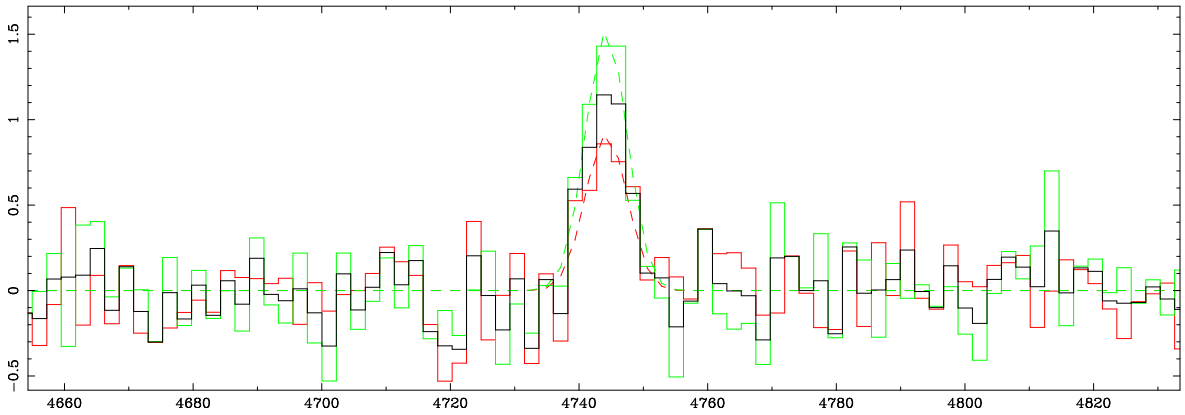
$FWHM_{obs}$ = 6.88Å

λ_{obs} = 5113.01Å

EW_{obs} = 62.18Å

α_{2000} = 46.6707°

δ_{2000} = 0.0067°



S/N = 10.30

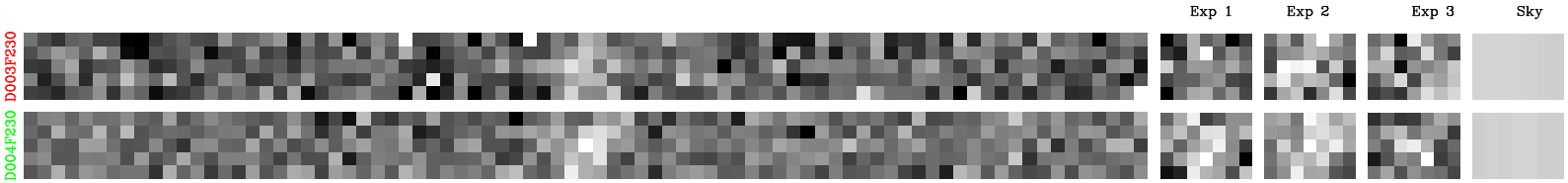
$FWHM_{obs}$ = 7.60Å

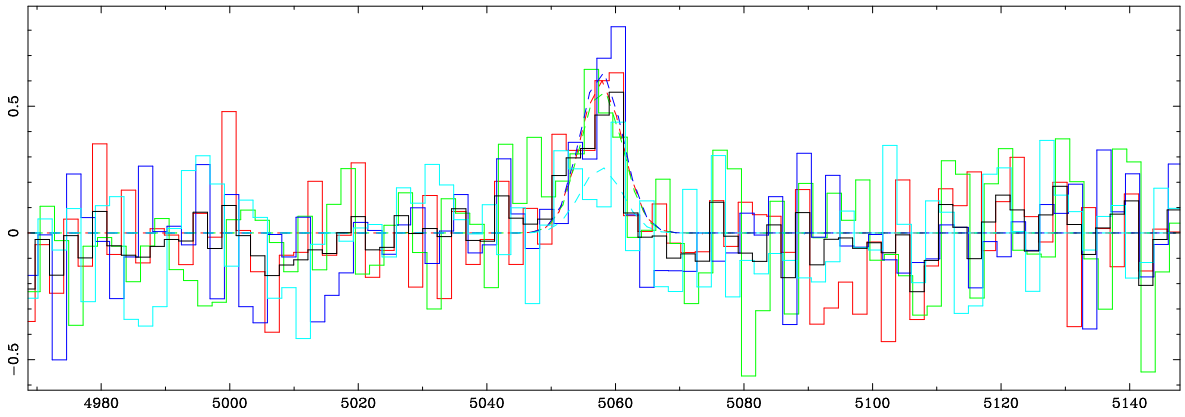
λ_{obs} = 4744.24Å

EW_{obs} = 53.58Å

α_{2000} = 46.6612°

δ_{2000} = 0.0066°





$S/N = 9.58$

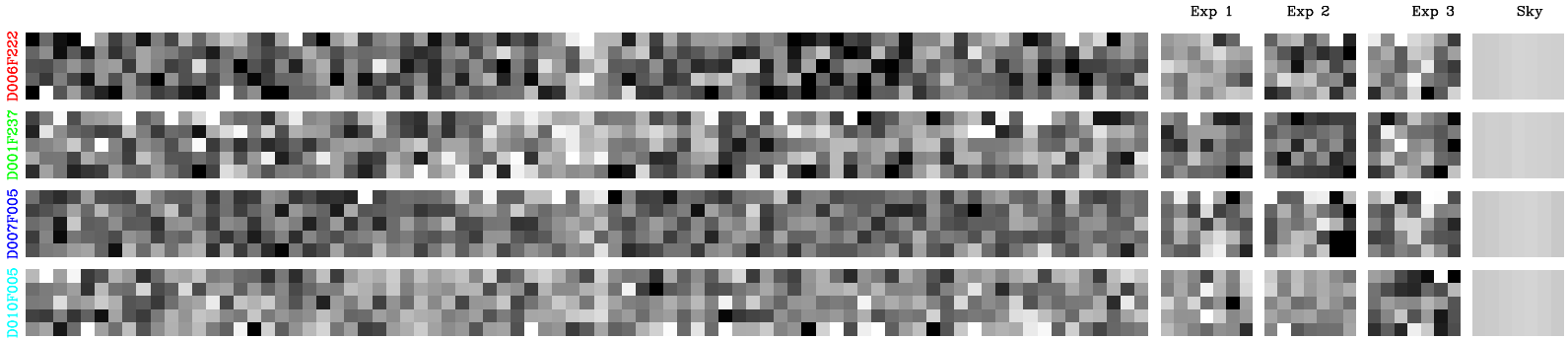
$FWHM_{obs} = 7.73$Å

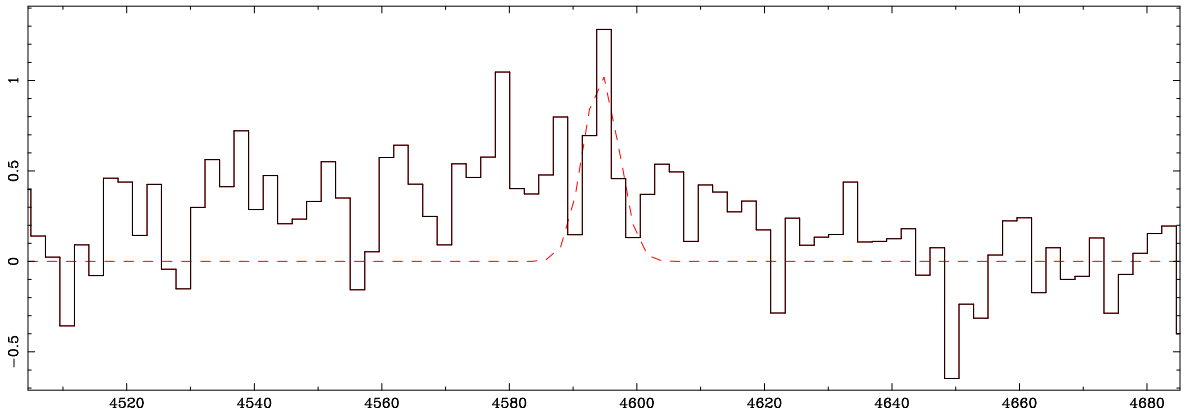
$\lambda_{obs} = 5057.76$Å

$EW_{obs} > 110.14$Å

$\alpha_{2000} = 46.6774°$

$\delta_{2000} = 0.0056°$





S/N = 5.76

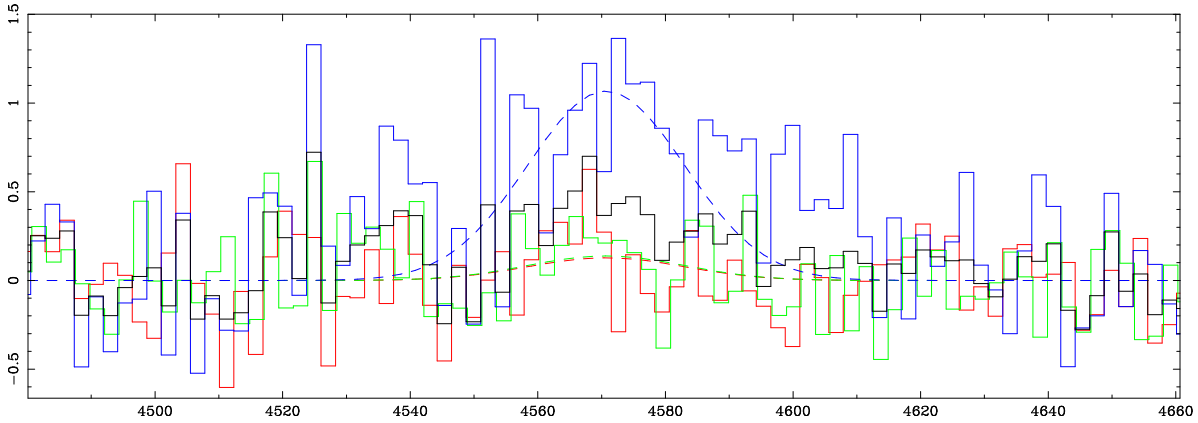
$FWHM_{obs}$ = 6.58Å

λ_{obs} = 4594.37Å

EW_{obs} = 5.16Å

α_{2000} = 46.6730°

δ_{2000} = 0.0195°



S/N = 7.10

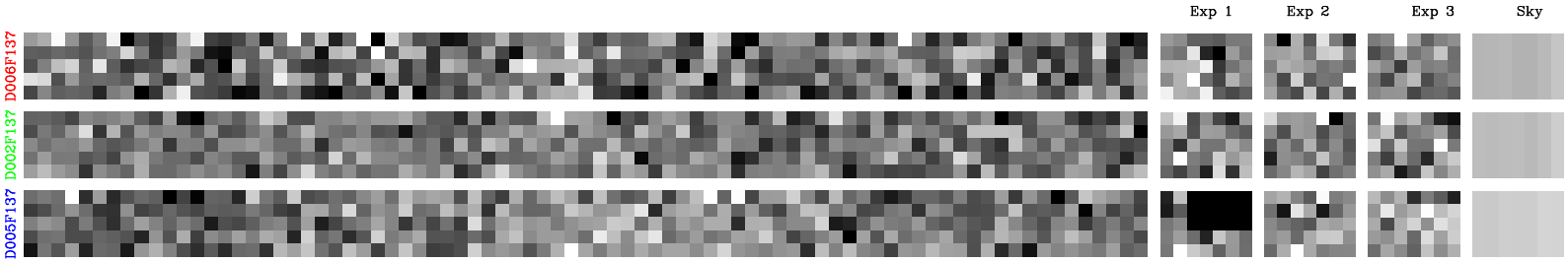
$FWHM_{obs}$ = 29.05Å

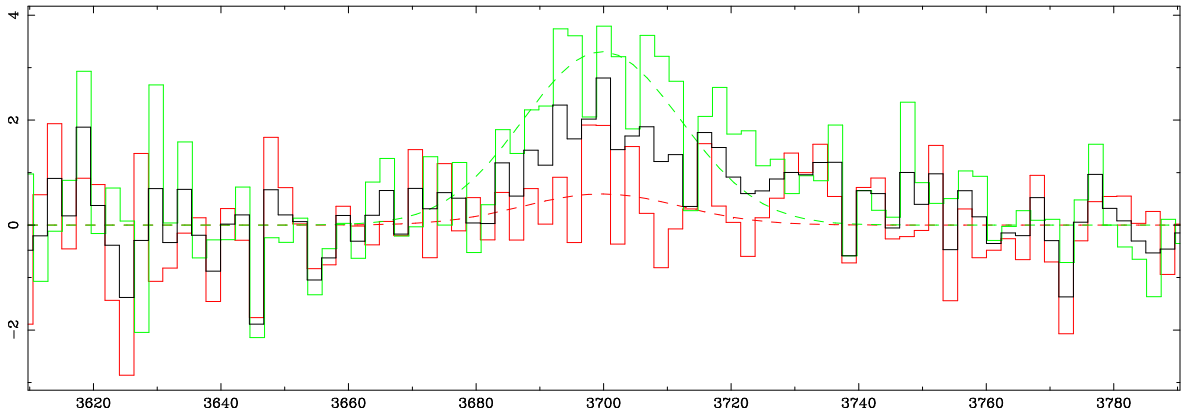
λ_{obs} = 4570.70Å

EW_{obs} = 29.21Å

α_{2000} = 46.6732°

δ_{2000} = 0.0187°





$S/N = 7.51$

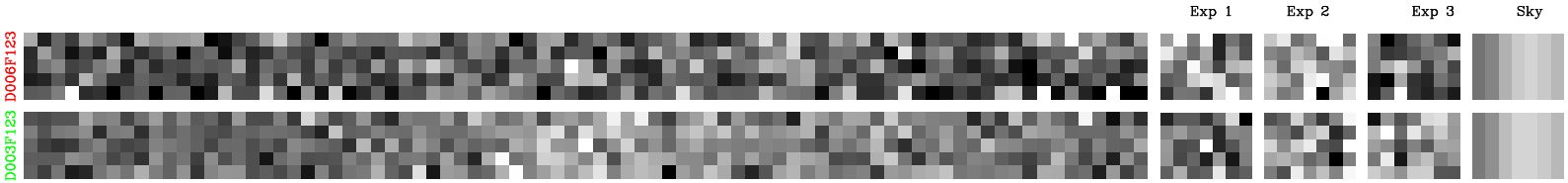
$FWHM_{obs} = 29.07Å$

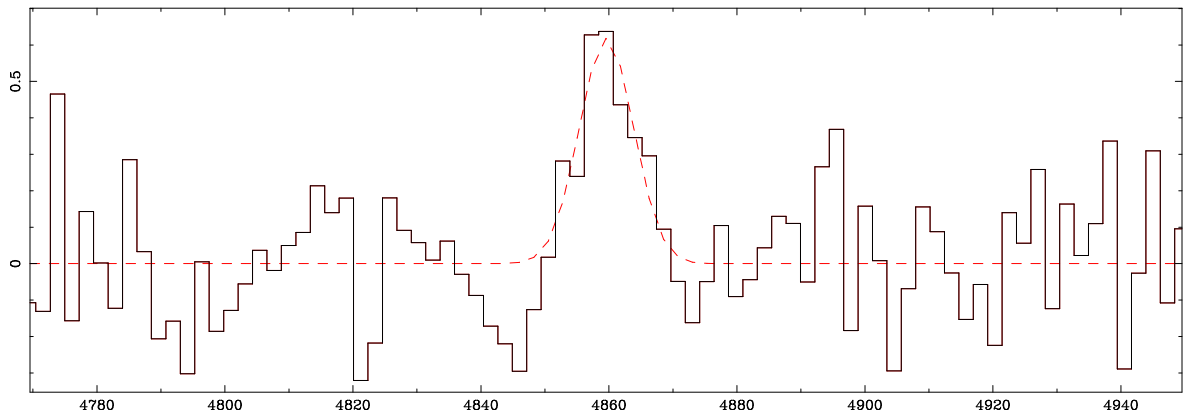
$\lambda_{obs} = 3699.72Å$

$EW_{obs} = 53.28Å$

$\alpha_{2000} = 46.6729°$

$\delta_{2000} = 0.0197°$





$S/N = 5.59$

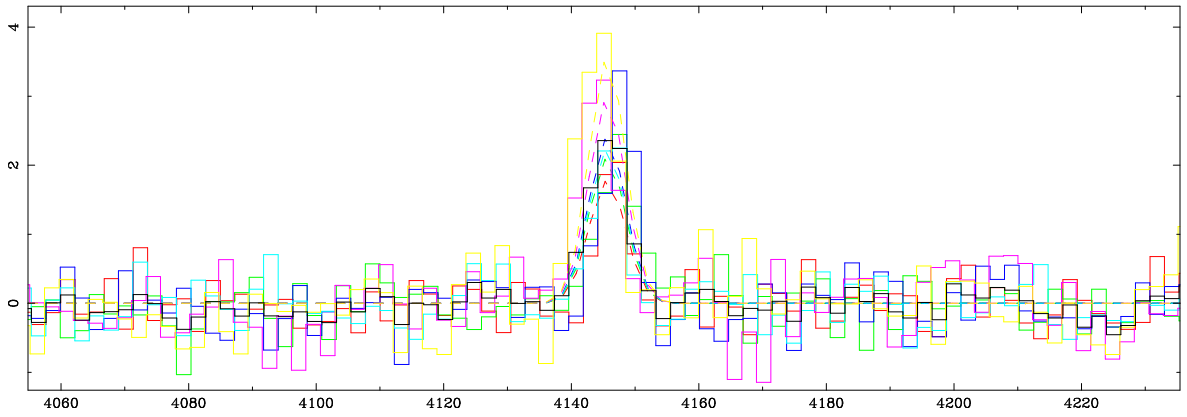
$FWHM_{obs} = 9.98Å$

$\lambda_{obs} = 4859.61Å$

$EW_{obs} > 61.12Å$

$\alpha_{2000} = 46.6841°$

$\delta_{2000} = 0.0131°$



$S/N = 23.54$

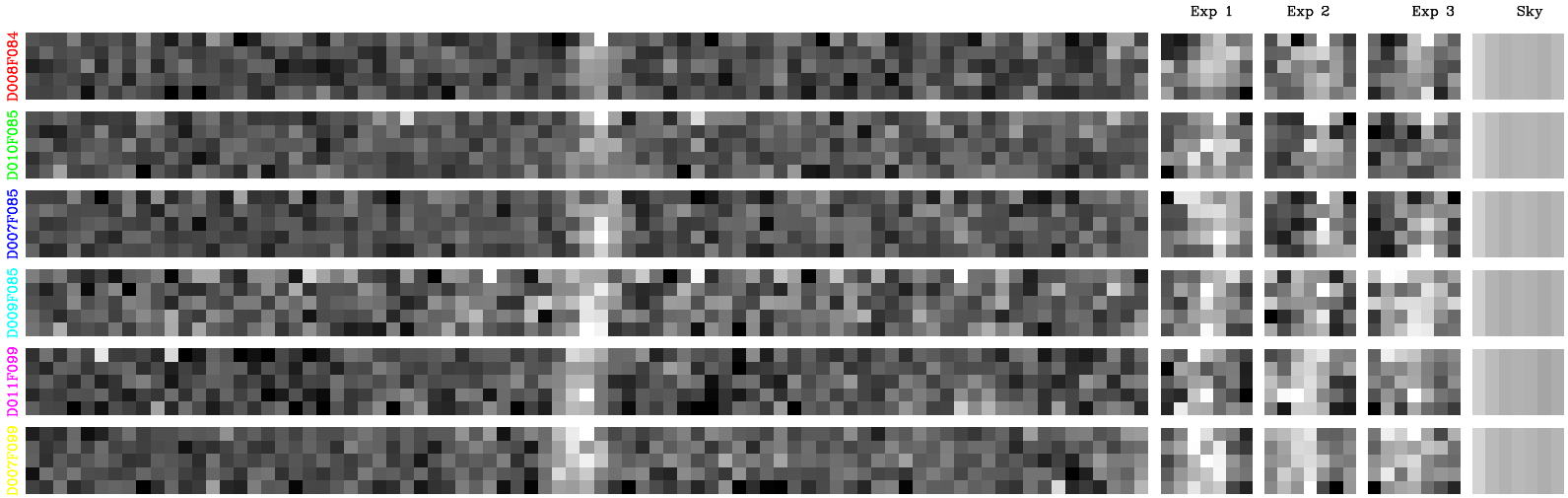
$FWHM_{obs} = 6.79$Å

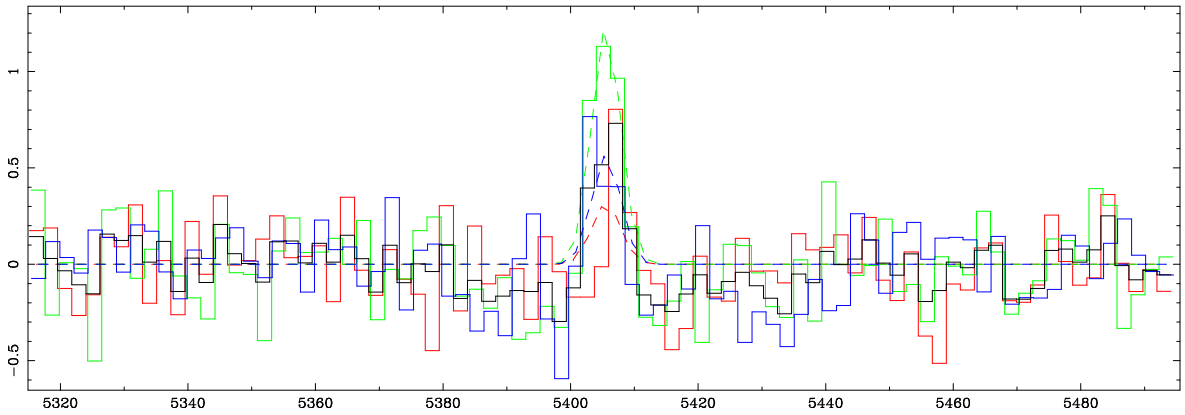
$\lambda_{obs} = 4145.63$Å

$EW_{obs} = 21.72$Å

$\alpha_{2000} = 46.6614°$

$\delta_{2000} = -0.0044°$





S/N = 6.84

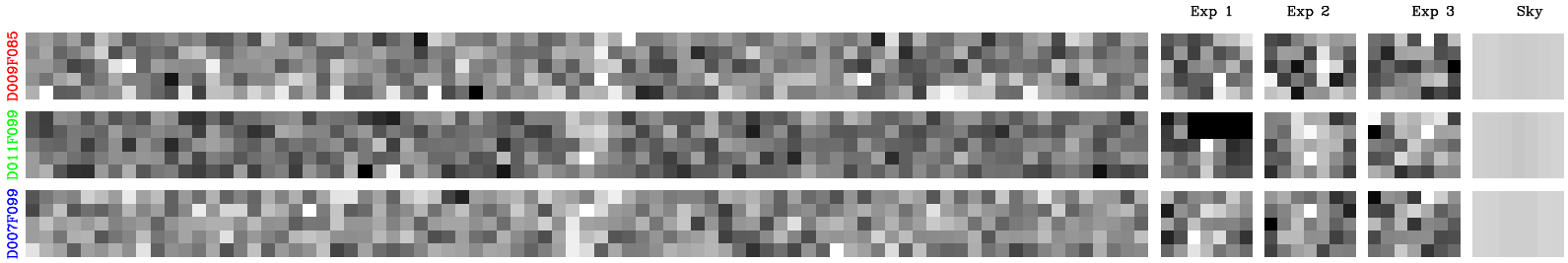
$FWHM_{obs}$ = 5.32Å

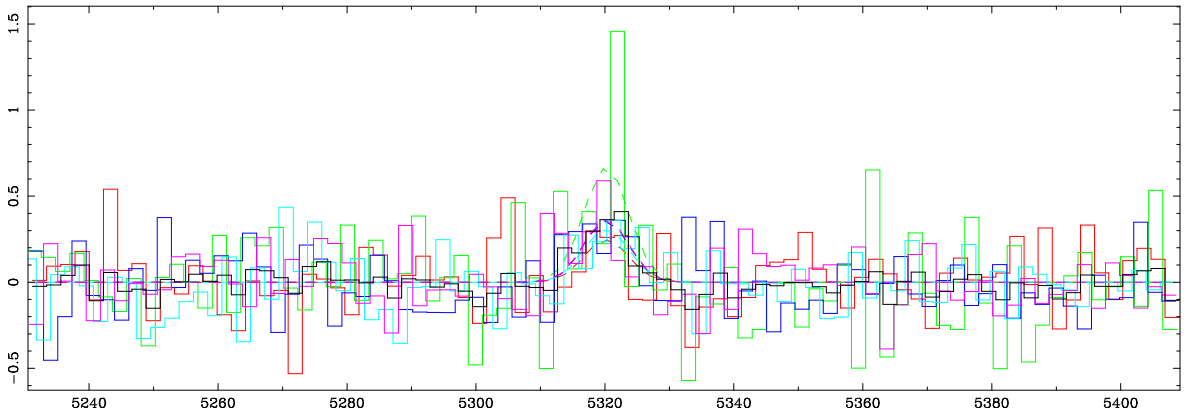
λ_{obs} = 5405.56Å

EW_{obs} = 2.44Å

α_{2000} = 46.6615°

δ_{2000} = −0.0052°





$S/N = 6.94$

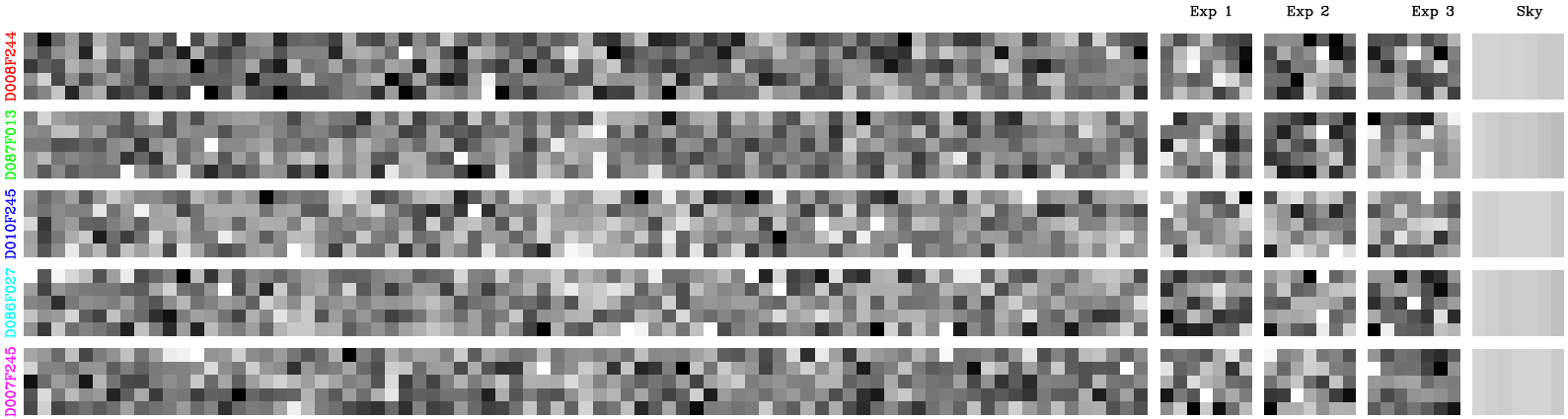
$FWHM_{obs} = 8.25$Å

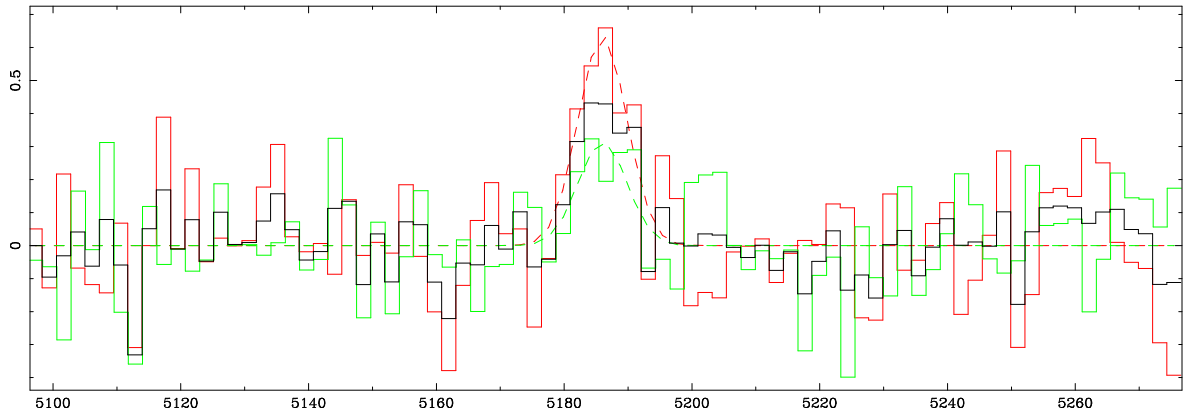
$\lambda_{obs} = 5320.20$Å

$EW_{obs} > 86.50$Å

$\alpha_{2000} = 46.6603°$

$\delta_{2000} = -0.0249°$





$S/N = 6.72$

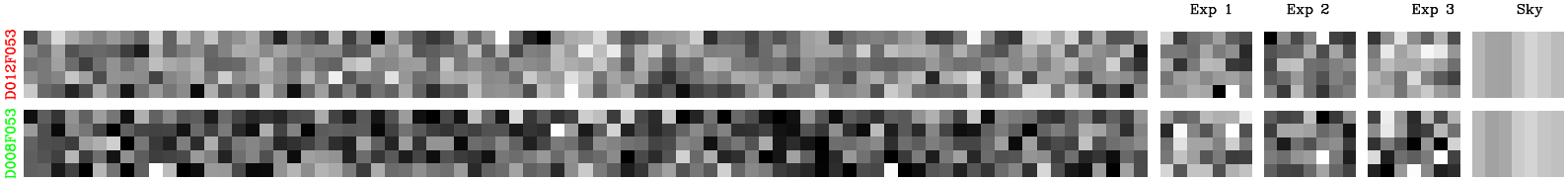
$FWHM_{obs} = 8.98Å$

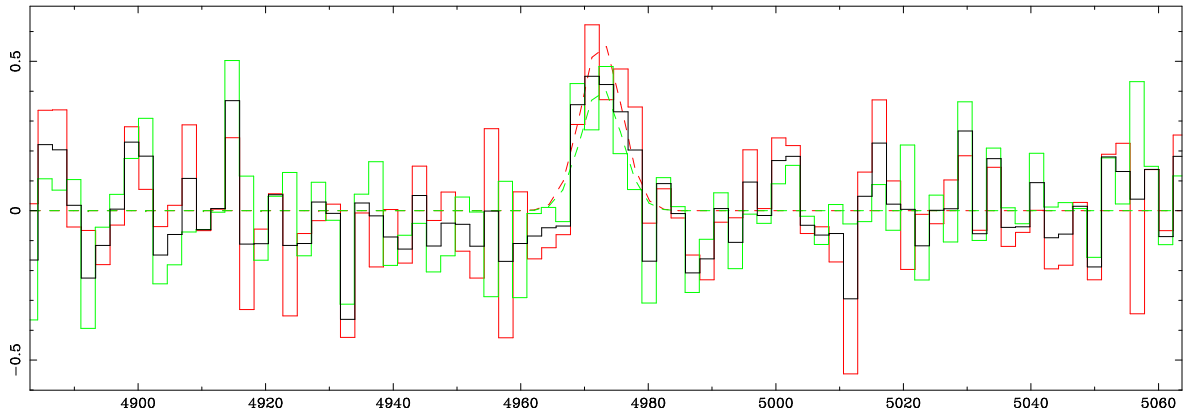
$\lambda_{obs} = 5186.00Å$

$EW_{obs} = 54.73Å$

$\alpha_{2000} = 46.6667°$

$\delta_{2000} = -0.0008°$





$S/N = 5.50$

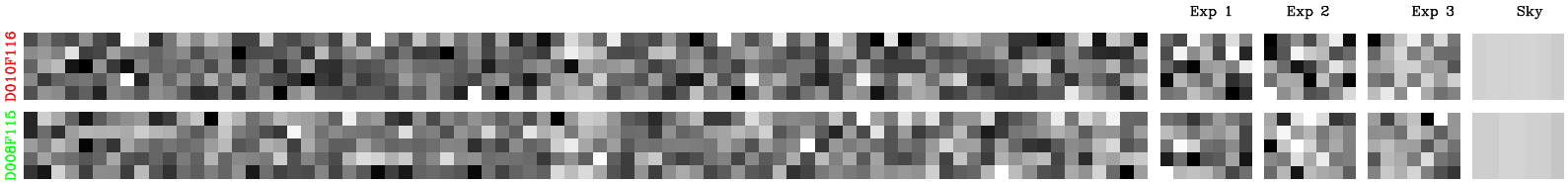
$FWHM_{obs} = 7.49Å$

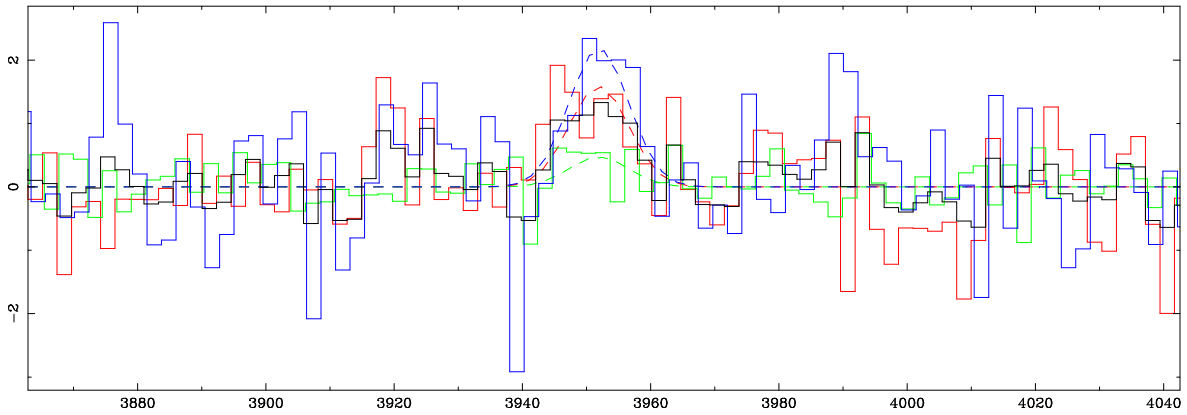
$\lambda_{obs} = 4972.61Å$

$EW_{obs} > 66.36Å$

$\alpha_{2000} = 46.6572°$

$\delta_{2000} = -0.0077°$





$S/N = 6.54$

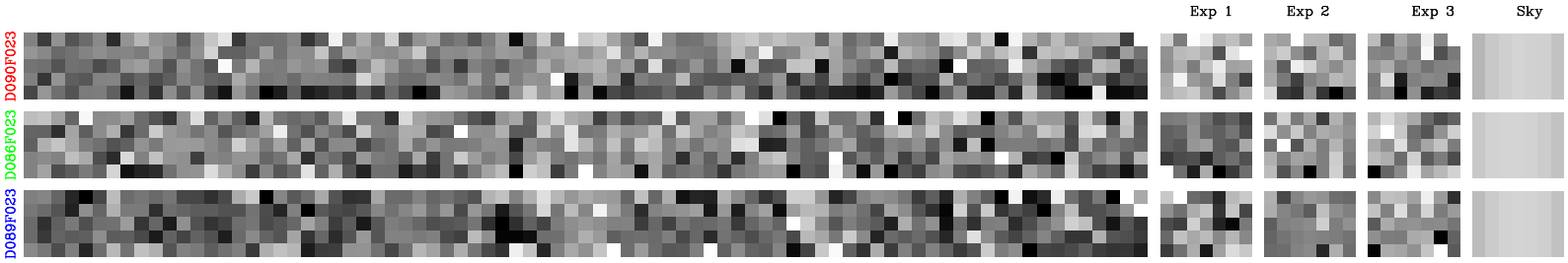
$FWHM_{obs} = 11.03Å$

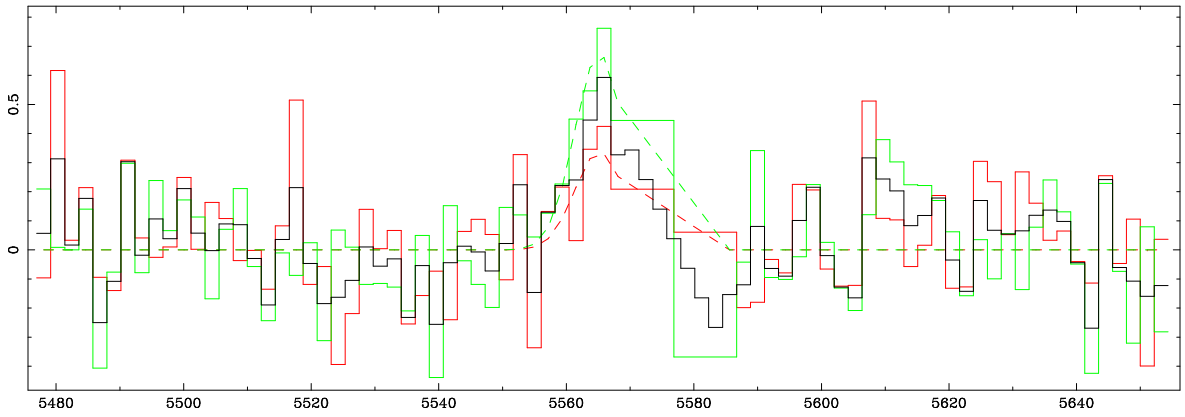
$\lambda_{obs} = 3951.92Å$

$EW_{obs} = 51.26Å$

$\alpha_{2000} = 46.6697°$

$\delta_{2000} = -0.0258°$





$S/N = 5.49$

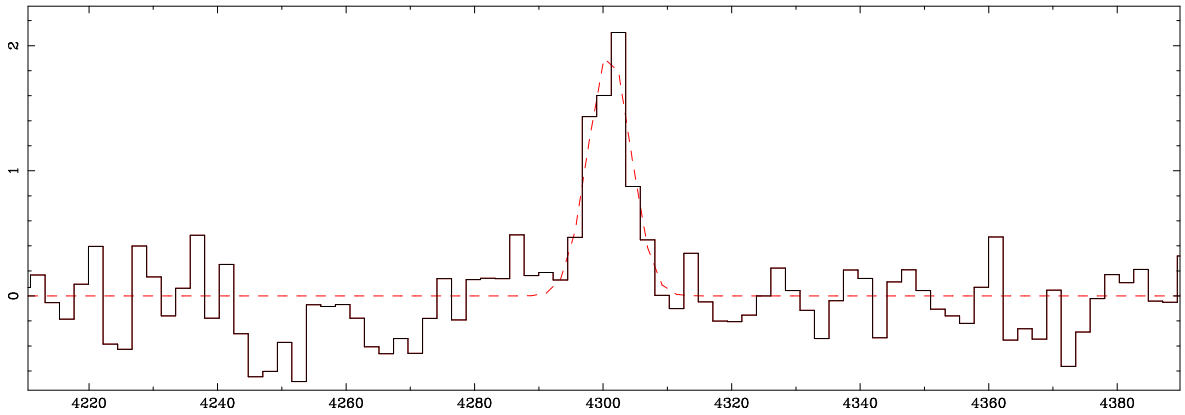
$FWHM_{obs} = 9.06Å$

$\lambda_{obs} = 5565.17Å$

$EW_{obs} = 5.96Å$

$\alpha_{2000} = 46.6623°$

$\delta_{2000} = -0.0061°$



S/N = 10.84

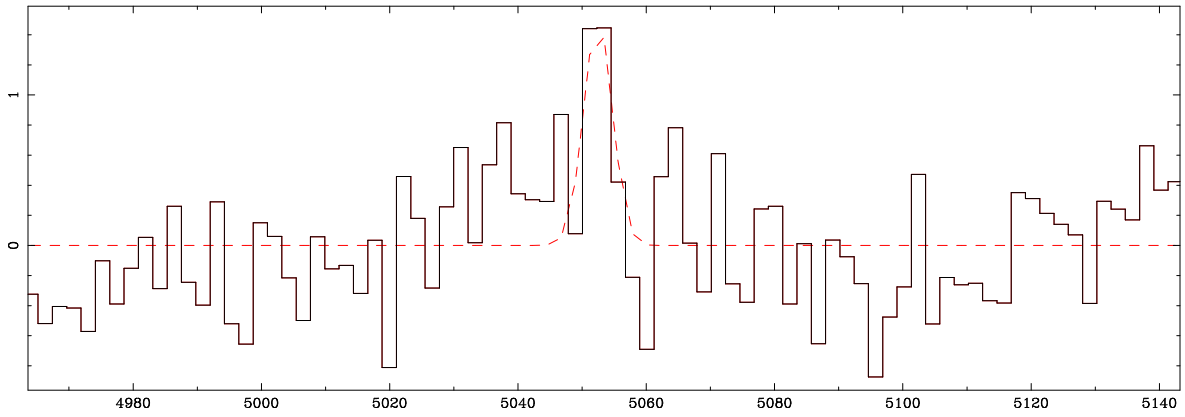
$FWHM_{obs}$ = 7.72Å

λ_{obs} = 4301.00Å

EW_{obs} = 54.74Å

α_{2000} = 46.6834°

δ_{2000} = −0.0243°



$S/N = 5.19$

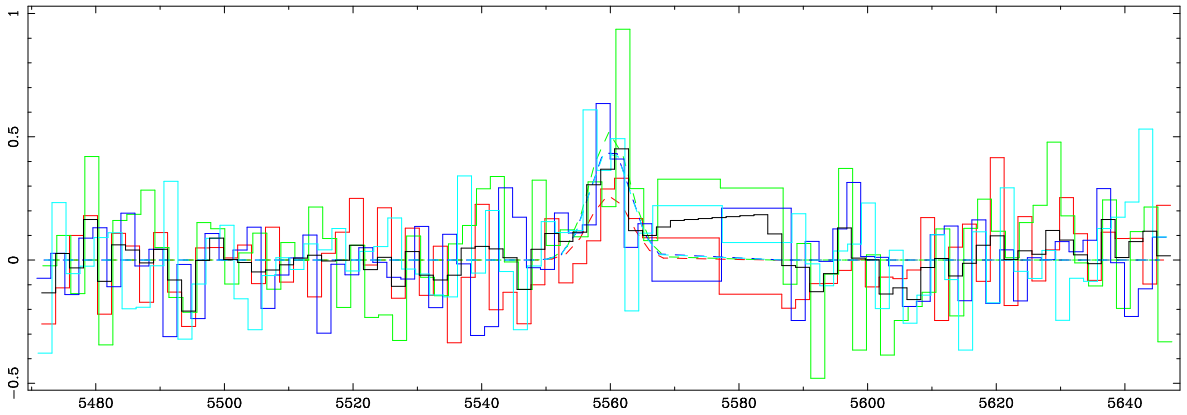
$FWHM_{obs} = 5.20$Å

$\lambda_{obs} = 5052.48$Å

$EW_{obs} > 53.03$Å

$\alpha_{2000} = 46.6750°$

$\delta_{2000} = -0.0260°$



$S/N = 6.78$

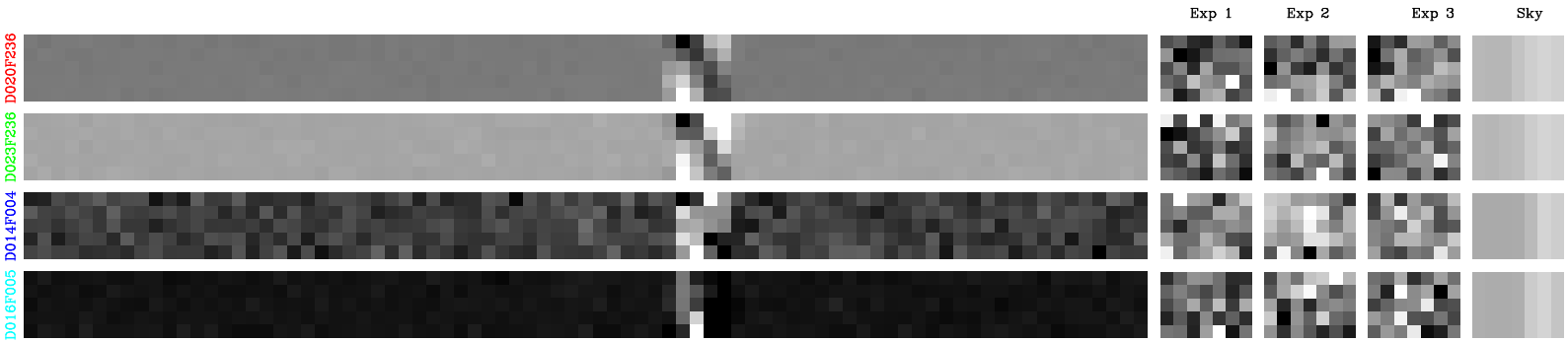
$FWHM_{obs} = 7.41$Å

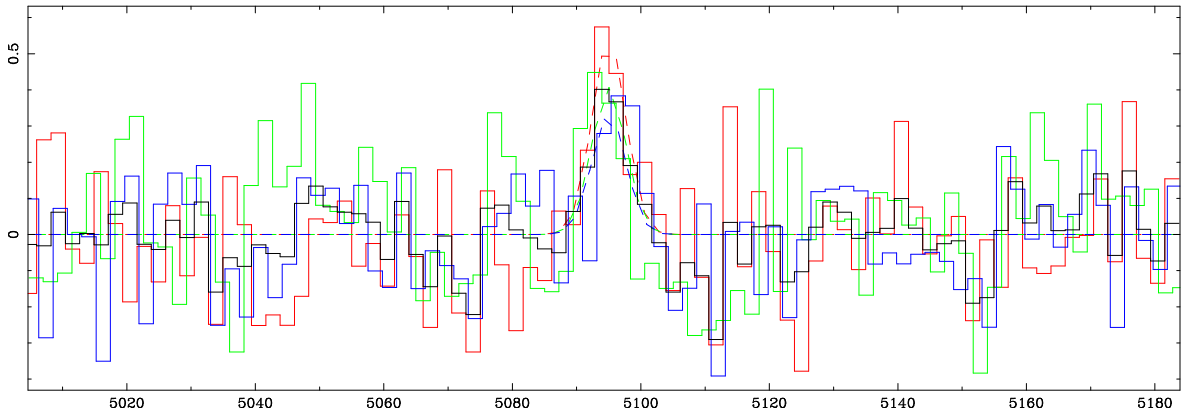
$\lambda_{obs} = 5559.94$Å

$EW_{obs} > 75.96$Å

$\alpha_{2000} = 46.6483°$

$\delta_{2000} = 0.0051°$





$S/N = 6.22$

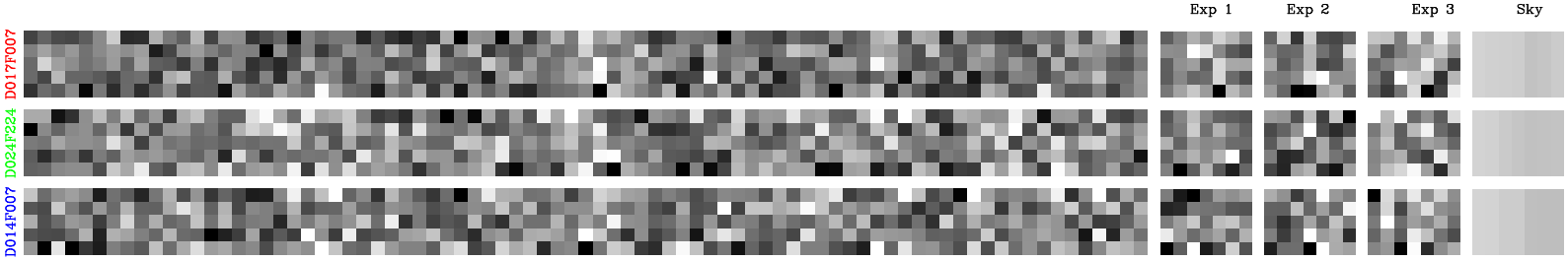
$FWHM_{obs} = 6.25Å$

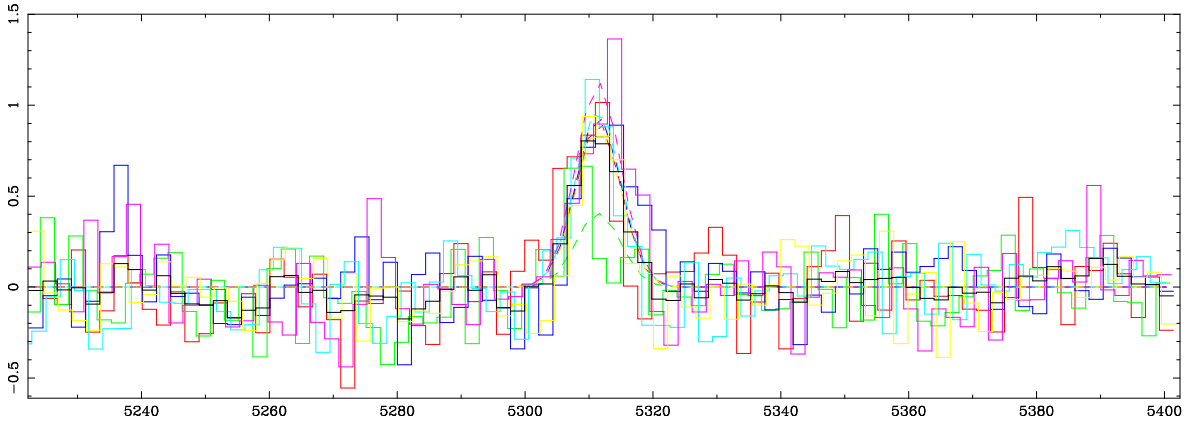
$\lambda_{obs} = 5095.02Å$

$EW_{obs} = 15.94Å$

$\alpha_{2000} = 46.6427°$

$\delta_{2000} = 0.0058°$





$S/N = 19.39$

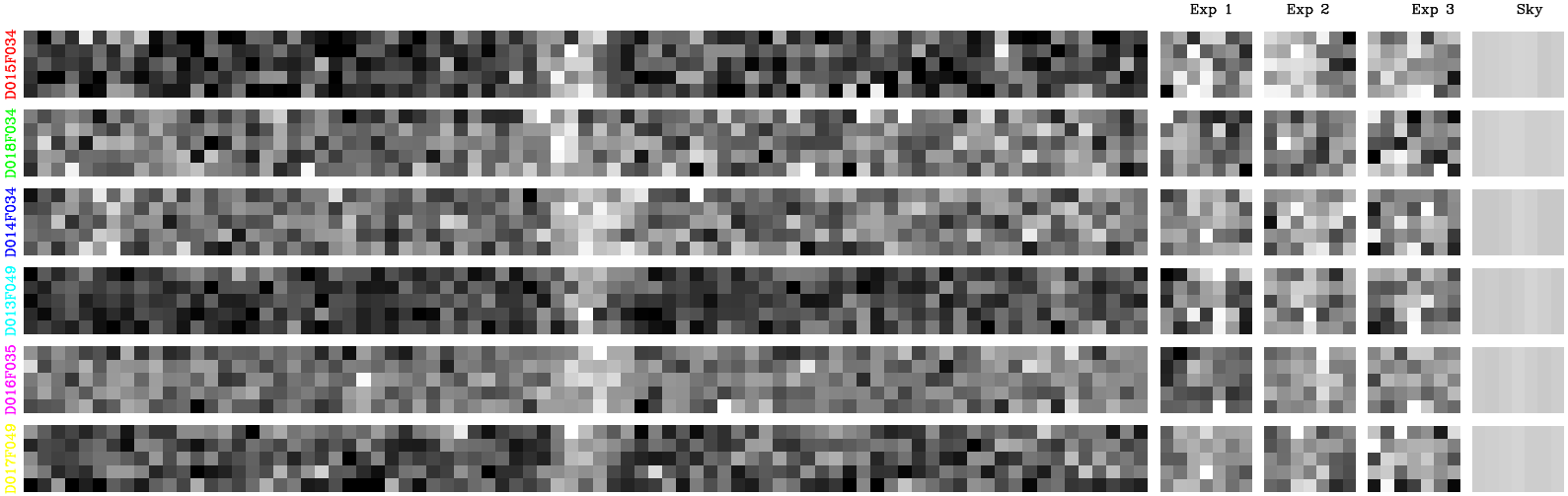
$FWHM_{obs} = 8.25$Å

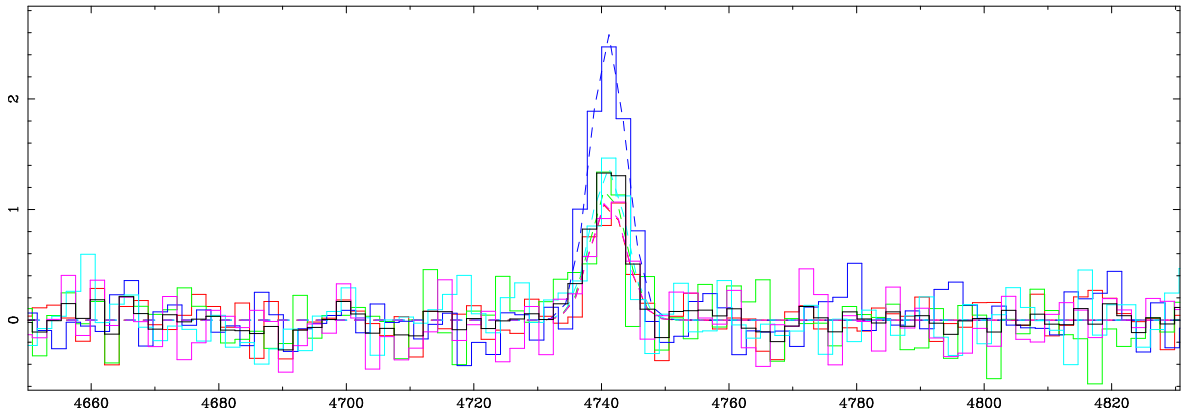
$\lambda_{obs} = 5311.44$Å

$EW_{obs} = 22.68$Å

$\alpha_{2000} = 46.6466°$

$\delta_{2000} = 0.0009°$





$S/N = 21.74$

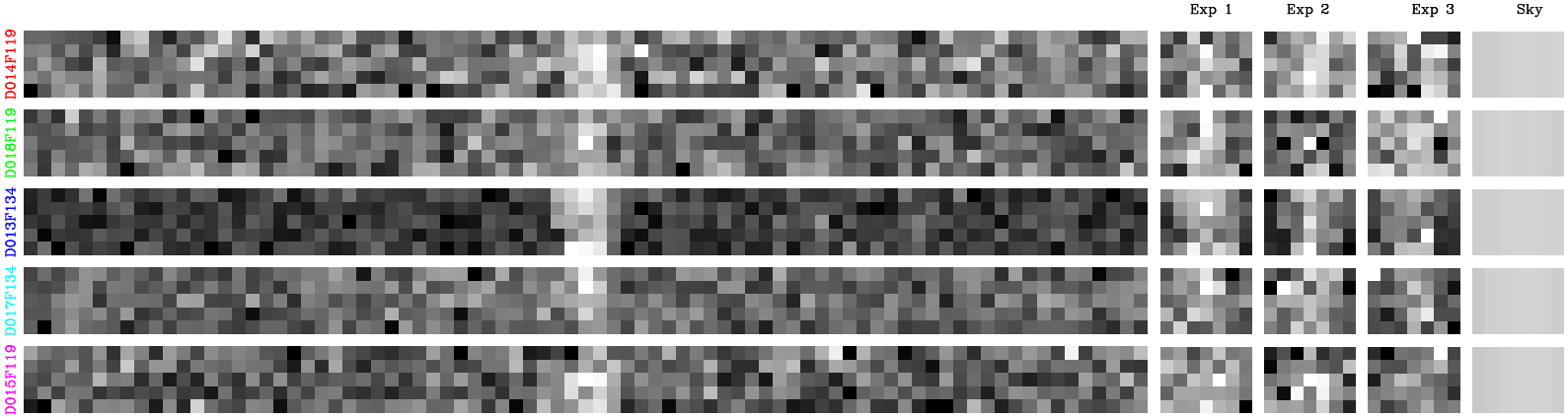
$FWHM_{obs} = 6.57Å$

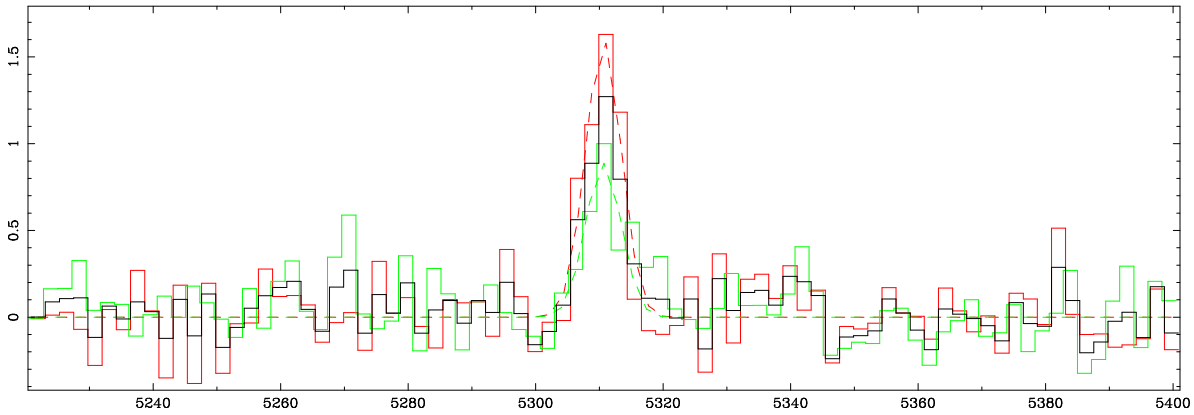
$\lambda_{obs} = 4741.05Å$

$EW_{obs} = 37.54Å$

$\alpha_{2000} = 46.6508°$

$\delta_{2000} = -0.0110°$





S/N = 12.08

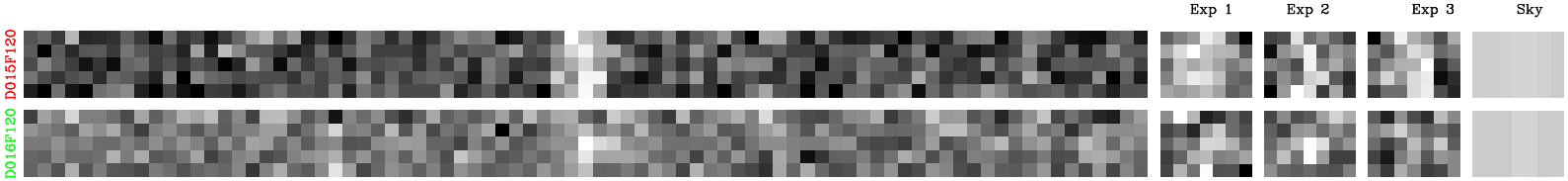
$FWHM_{obs}$ = 6.58Å

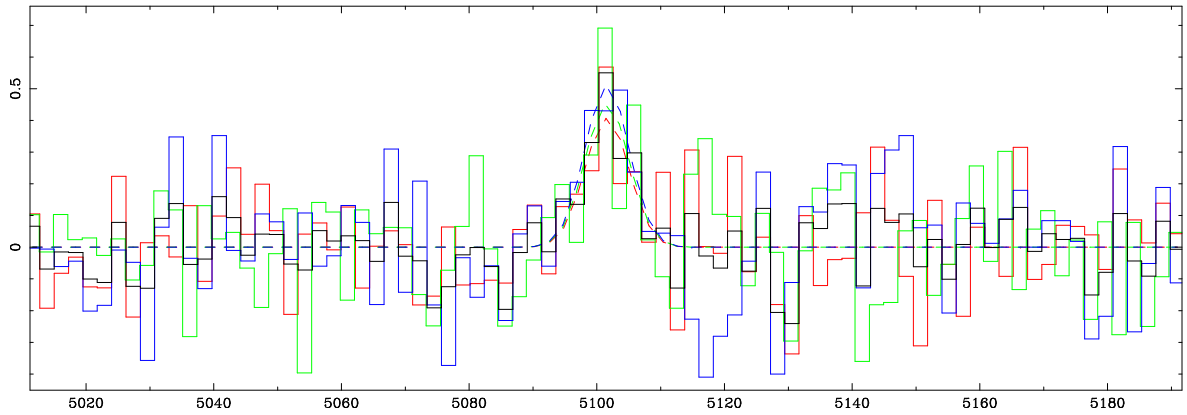
λ_{obs} = 5310.63Å

EW_{obs} = 50.09Å

α_{2000} = 46.6498°

δ_{2000} = −0.0105°





$S/N = 7.41$

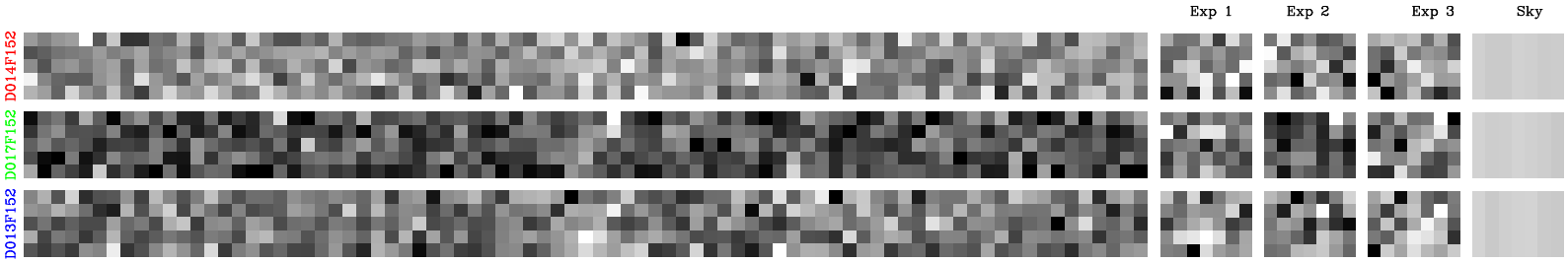
$FWHM_{obs} = 8.15$Å

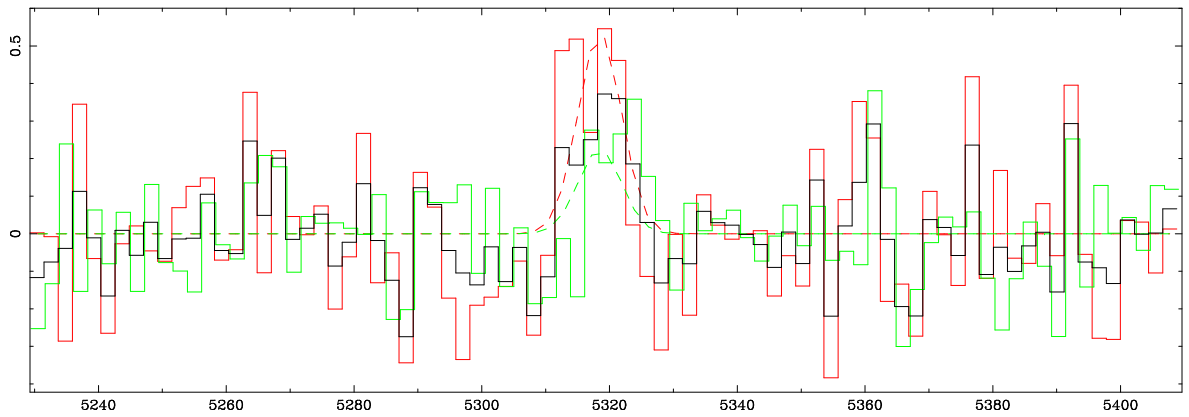
$\lambda_{obs} = 5101.60$Å

$EW_{obs} > 90.59$Å

$\alpha_{2000} = 46.6426°$

$\delta_{2000} = -0.0131°$





$S/N = 5.33$

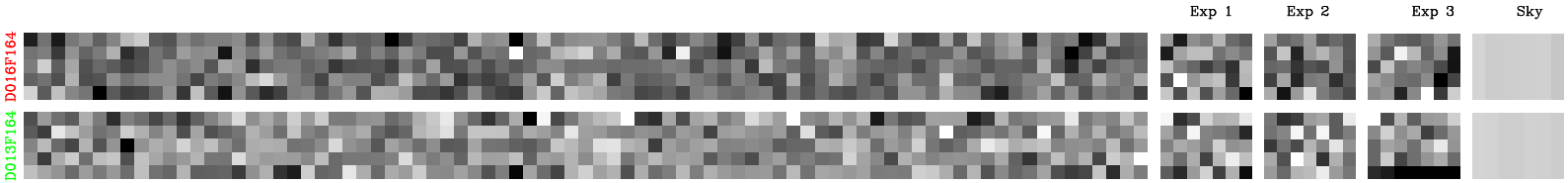
$FWHM_{obs} = 8.01$Å

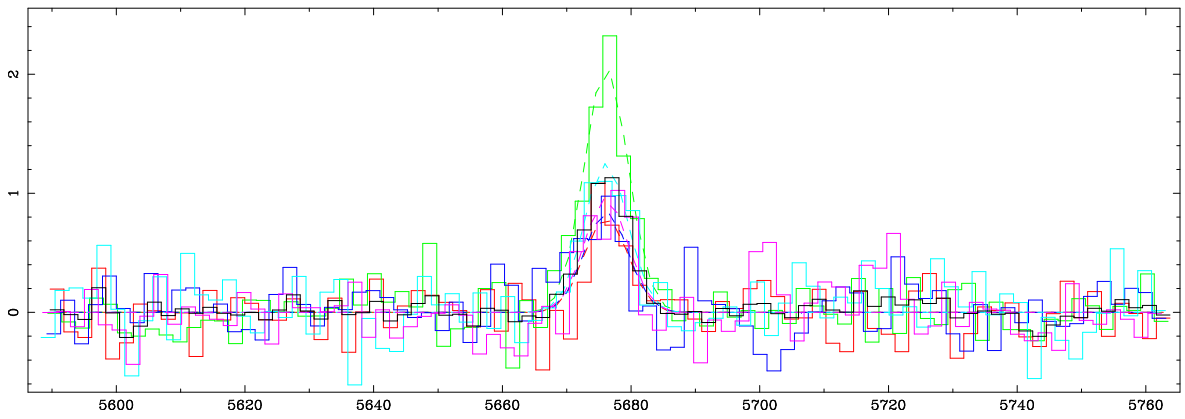
$\lambda_{obs} = 5318.47$Å

$EW_{obs} > 66.72$Å

$\alpha_{2000} = 46.6488°$

$\delta_{2000} = -0.0155°$





$S/N = 19.96$

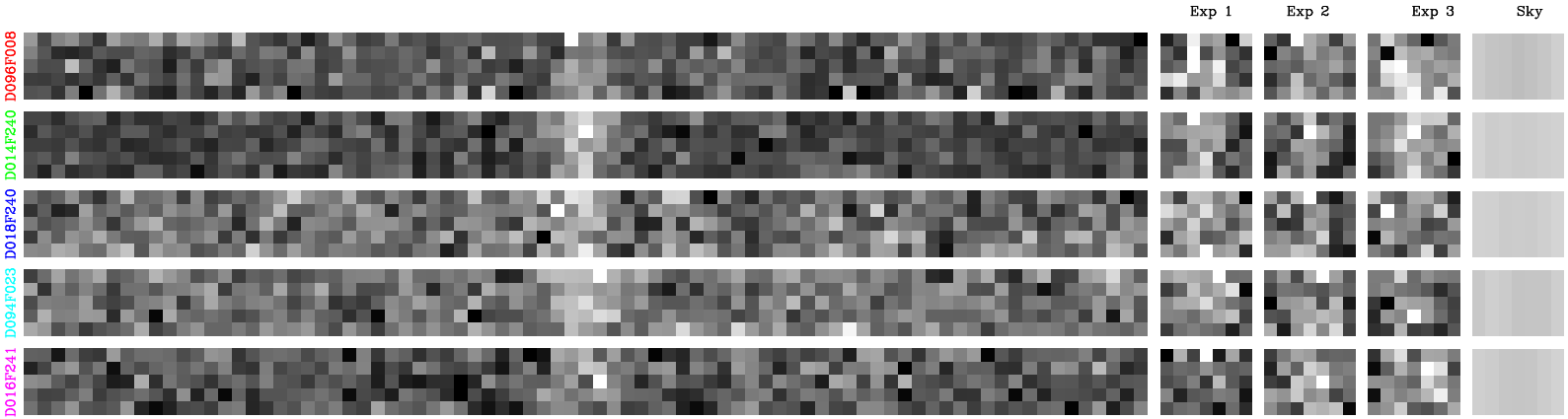
$FWHM_{obs} = 7.98$Å

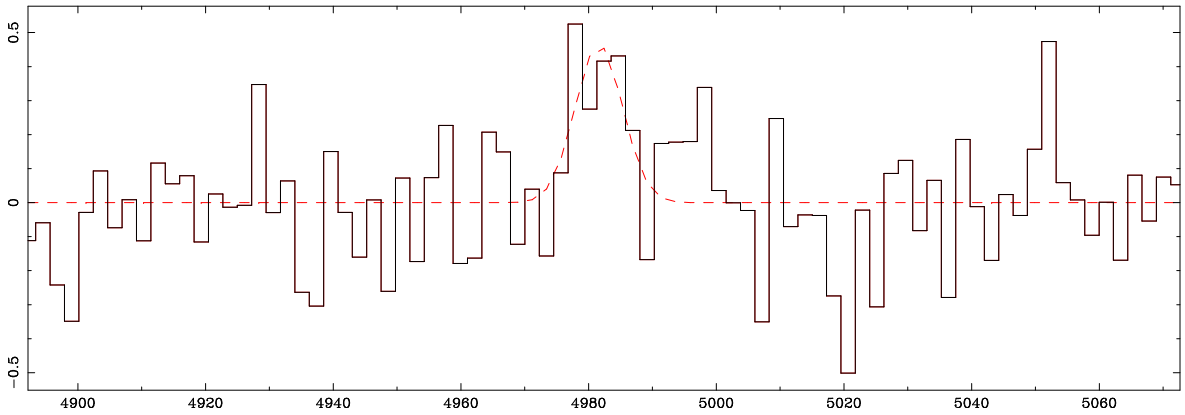
$\lambda_{obs} = 5676.13$Å

$EW_{obs} = 109.35$Å

$\alpha_{2000} = 46.6399°$

$\delta_{2000} = -0.0253°$





S/N = 5.20

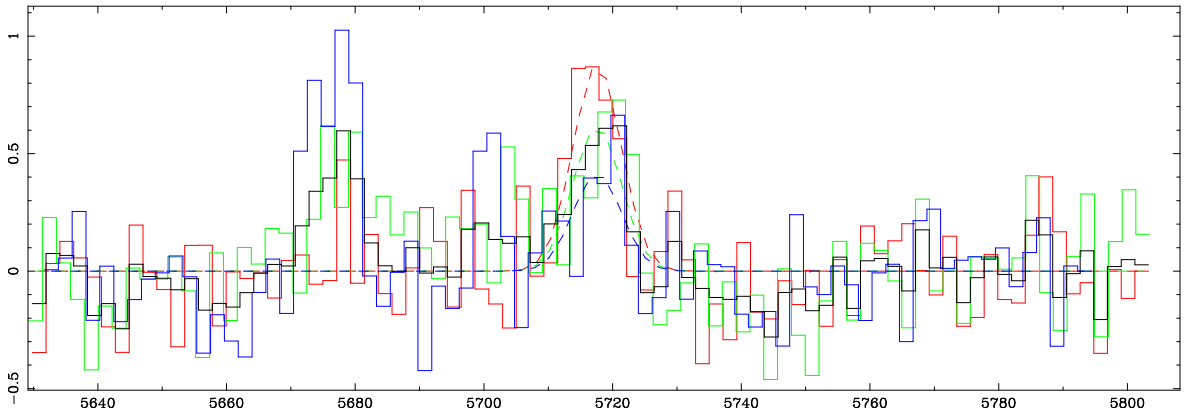
$FWHM_{obs}$ = 8.73Å

λ_{obs} = 4981.62Å

EW_{obs} > 66.36Å

α_{2000} = 46.6442°

δ_{2000} = −0.0138°



S/N = 8.88

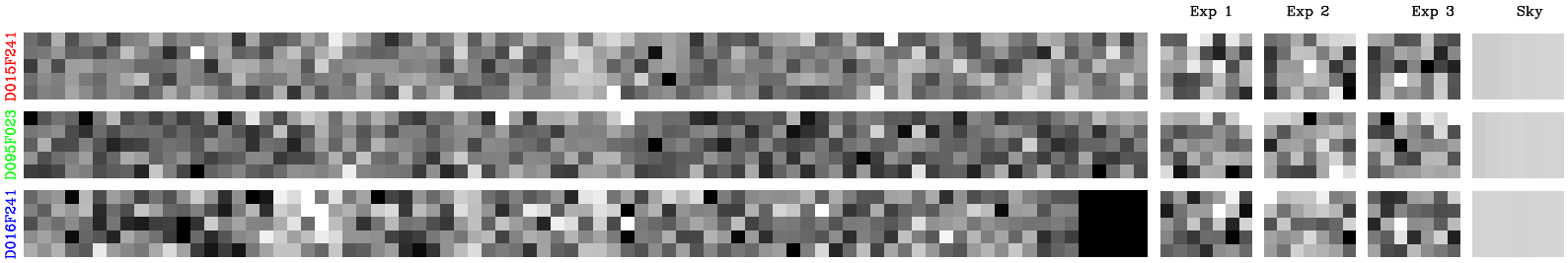
$FWHM_{obs}$ = 8.83Å

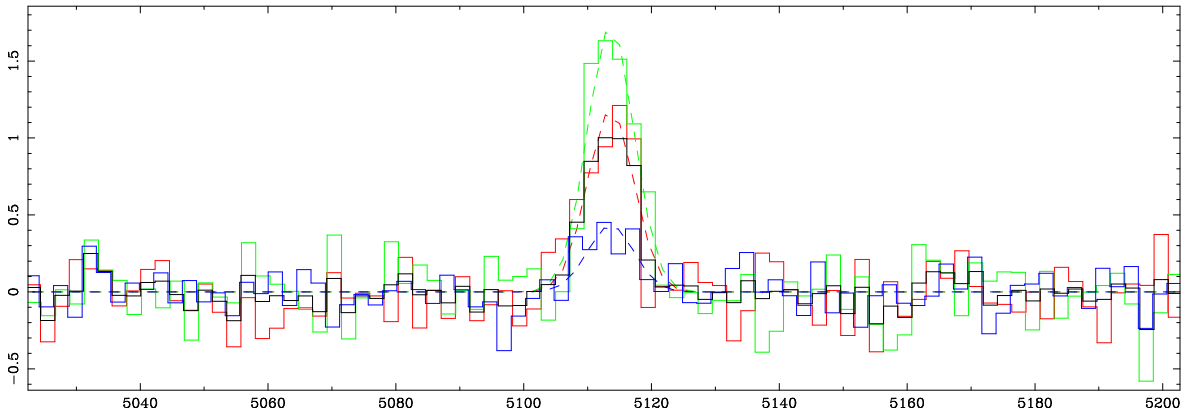
λ_{obs} = 5717.60Å

EW_{obs} = 55.67Å

α_{2000} = 46.6389°

δ_{2000} = −0.0254°





S/N = 18.45

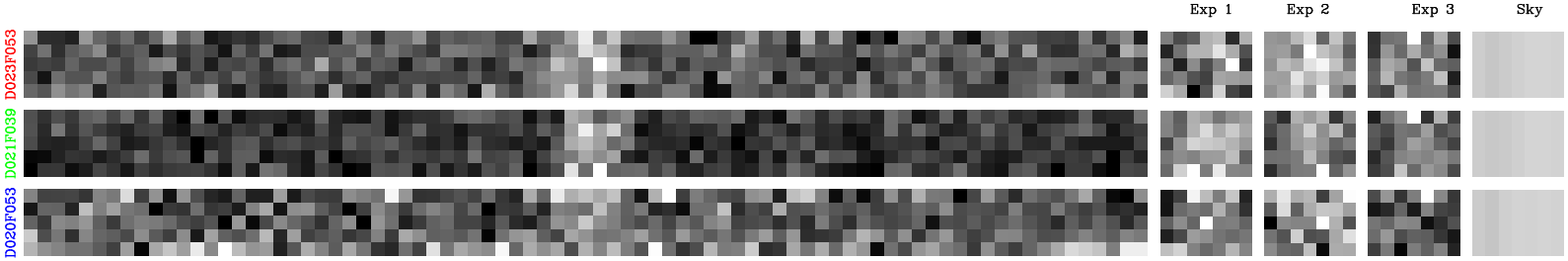
$FWHM_{obs}$ = 8.57Å

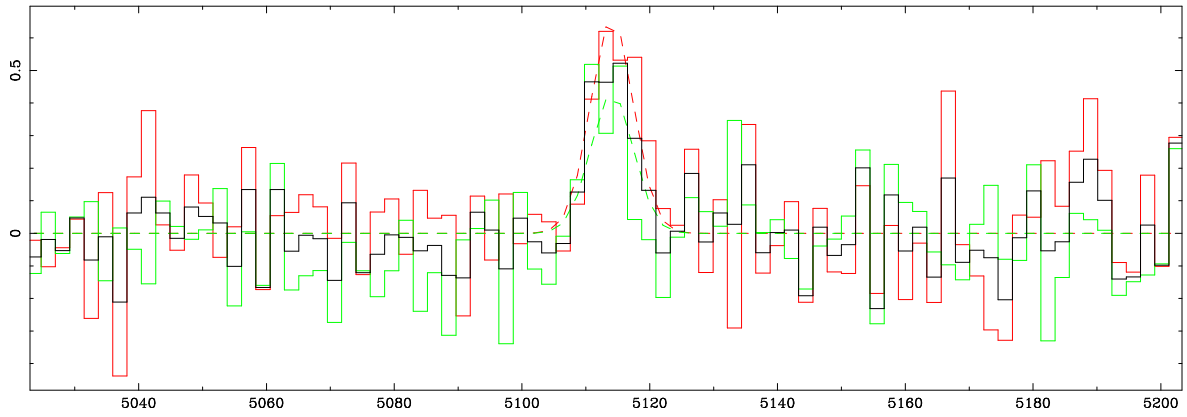
λ_{obs} = 5113.61Å

EW_{obs} = 85.26Å

α_{2000} = 46.6364°

δ_{2000} = 0.0306°





$S/N = 7.24$

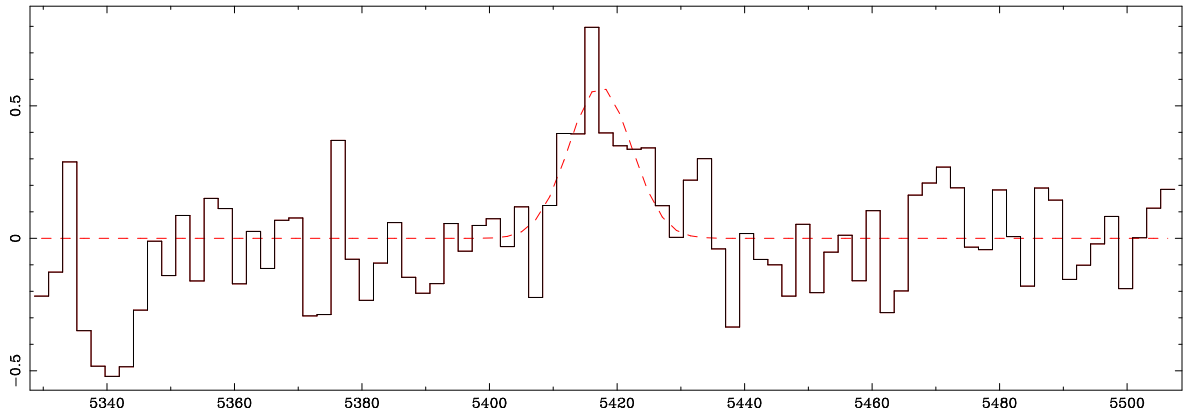
$FWHM_{obs} = 7.88Å$

$\lambda_{obs} = 5114.09Å$

$EW_{obs} > 85.42Å$

$\alpha_{2000} = 46.6331°$

$\delta_{2000} = 0.0294°$



$S/N = 5.83$

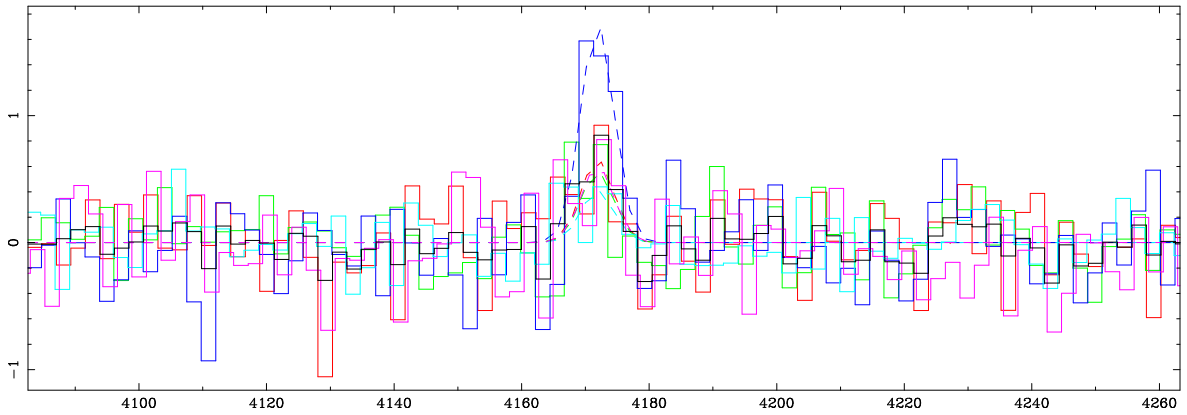
$FWHM_{obs} = 11.59Å$

$\lambda_{obs} = 5417.35Å$

$EW_{obs} = 27.48Å$

$\alpha_{2000} = 46.6463°$

$\delta_{2000} = 0.0245°$



S/N = 7.16

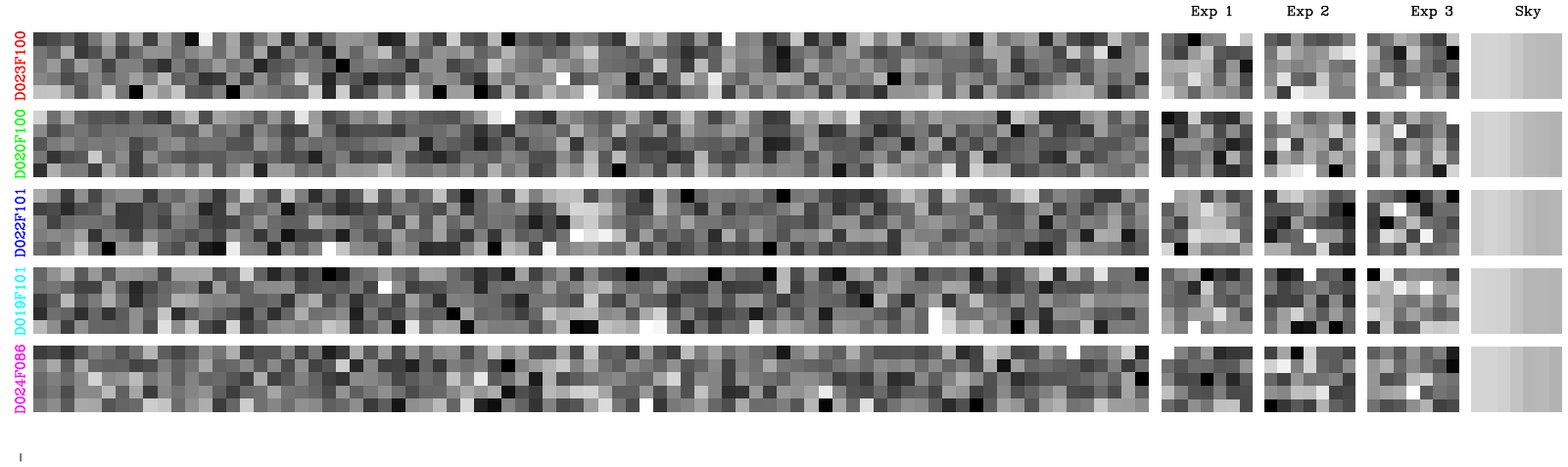
$FWHM_{obs}$ = 6.13Å

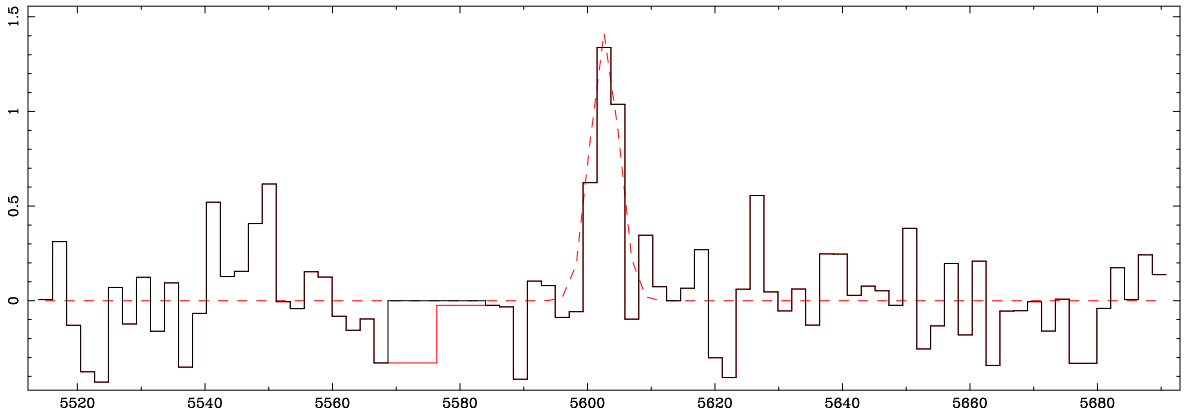
λ_{obs} = 4171.89Å

EW_{obs} > 87.17Å

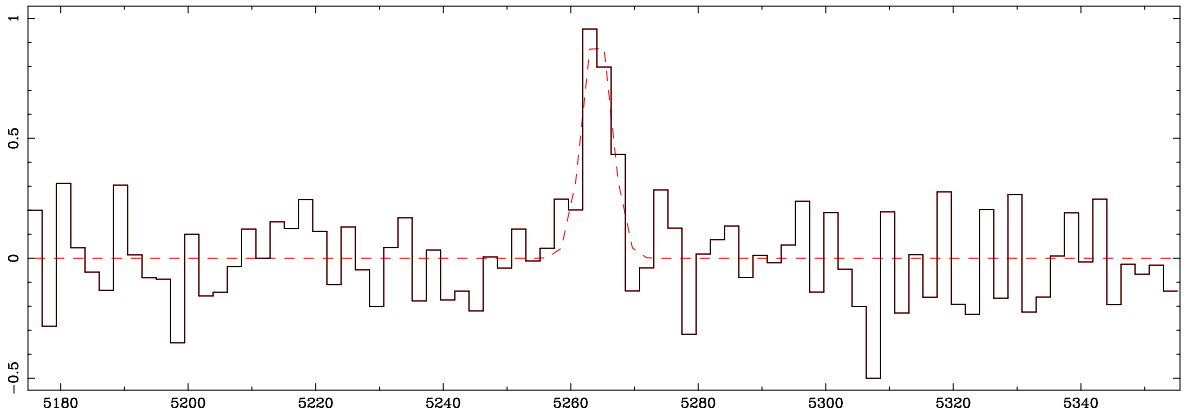
α_{2000} = 46.6280°

δ_{2000} = 0.0247°





S/N = 7.20
$FWHM_{obs}$ = 5.22Å
λ_{obs} = 5602.68Å
EW_{obs} = 19.23Å
α_{2000} = 46.6278°
δ_{2000} = 0.0242°



S/N = 6.22

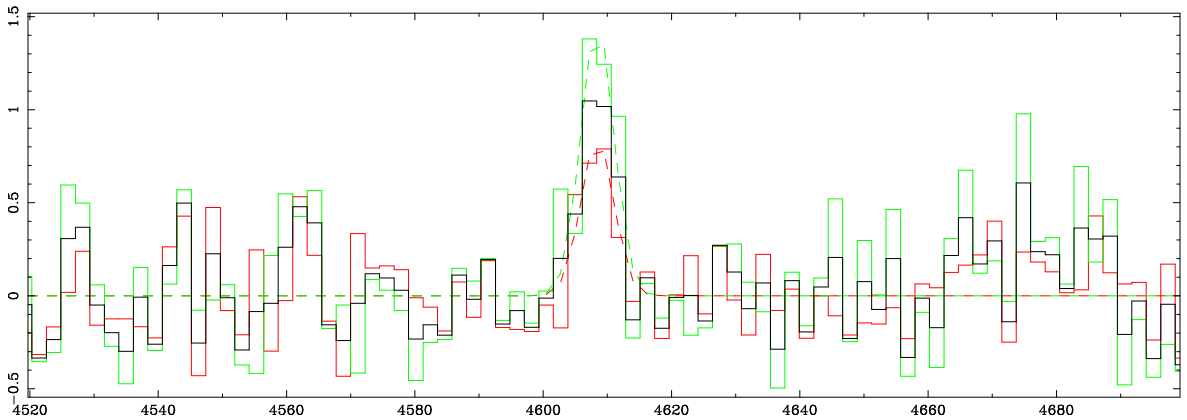
$FWHM_{obs}$ = 5.22Å

λ_{obs} = 5264.11Å

EW_{obs} > 62.27Å

α_{2000} = 46.6494°

δ_{2000} = 0.0185°



S/N = 7.94

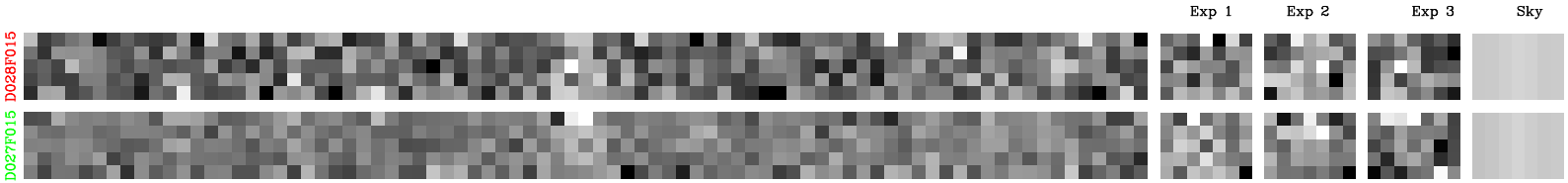
$FWHM_{obs}$ = 6.03Å

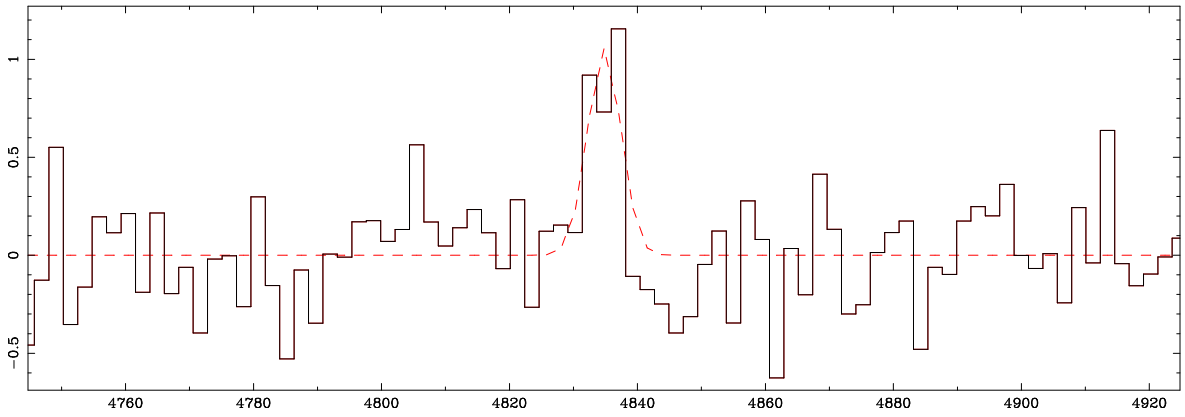
λ_{obs} = 4608.44Å

EW_{obs} = 40.20Å

α_{2000} = 46.6259°

δ_{2000} = 0.0644°





S/N = 6.06

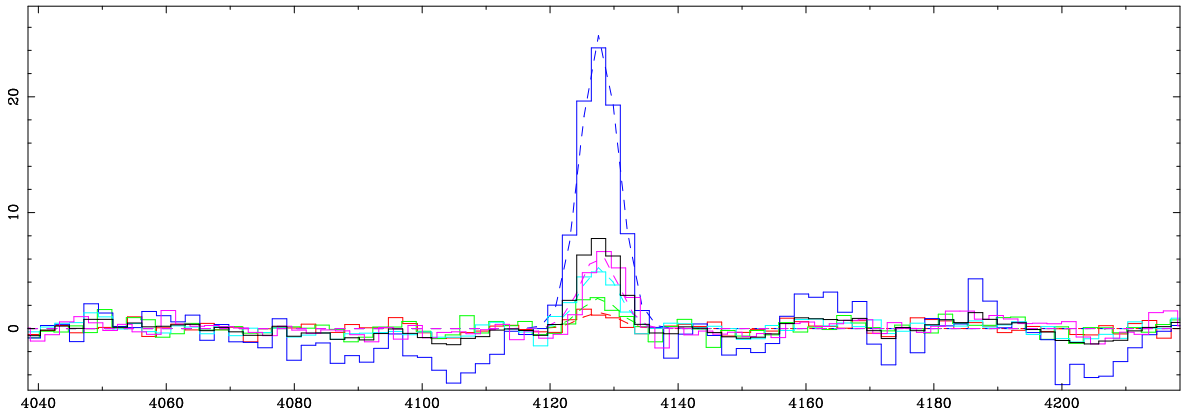
$FWHM_{obs}$ = 6.10Å

λ_{obs} = 4834.82Å

EW_{obs} > 56.16Å

α_{2000} = 46.6407°

δ_{2000} = 0.0602°



$S/N = 36.44$

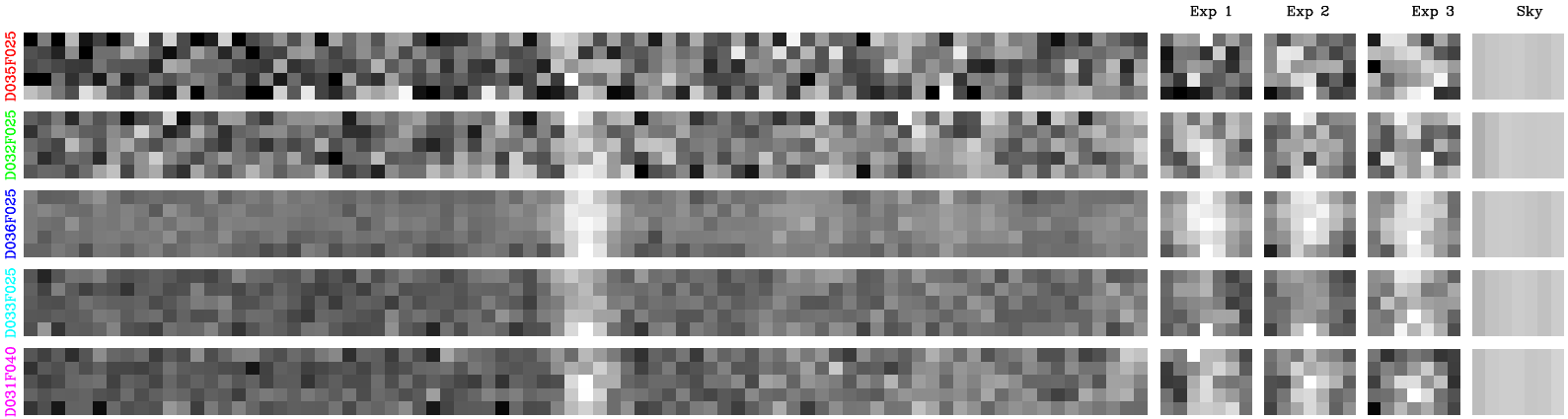
$FWHM_{obs} = 6.97$Å

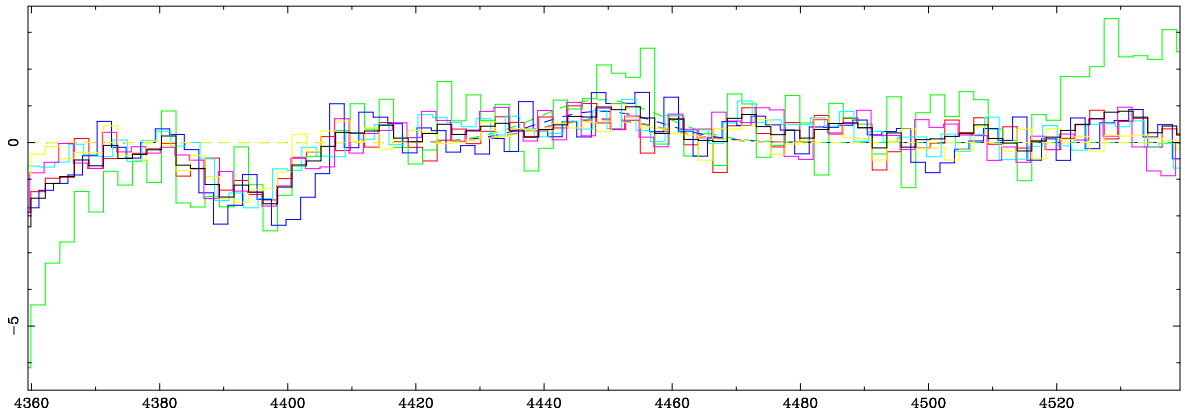
$\lambda_{obs} = 4127.68$Å

$EW_{obs} = 6.62$Å

$\alpha_{2000} = 46.6647°$

$\delta_{2000} = 0.0625°$





$S/N = 8.49$

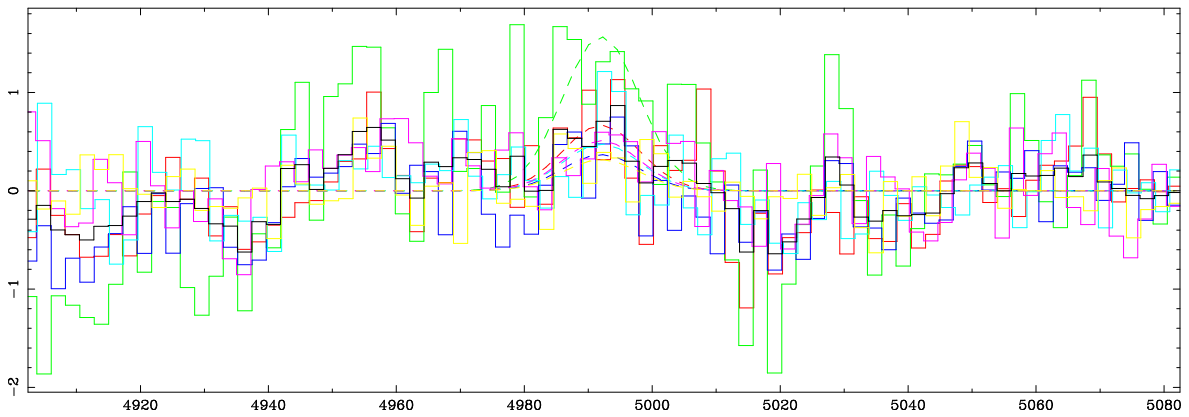
$FWHM_{obs} = 22.62Å$

$\lambda_{obs} = 4448.91Å$

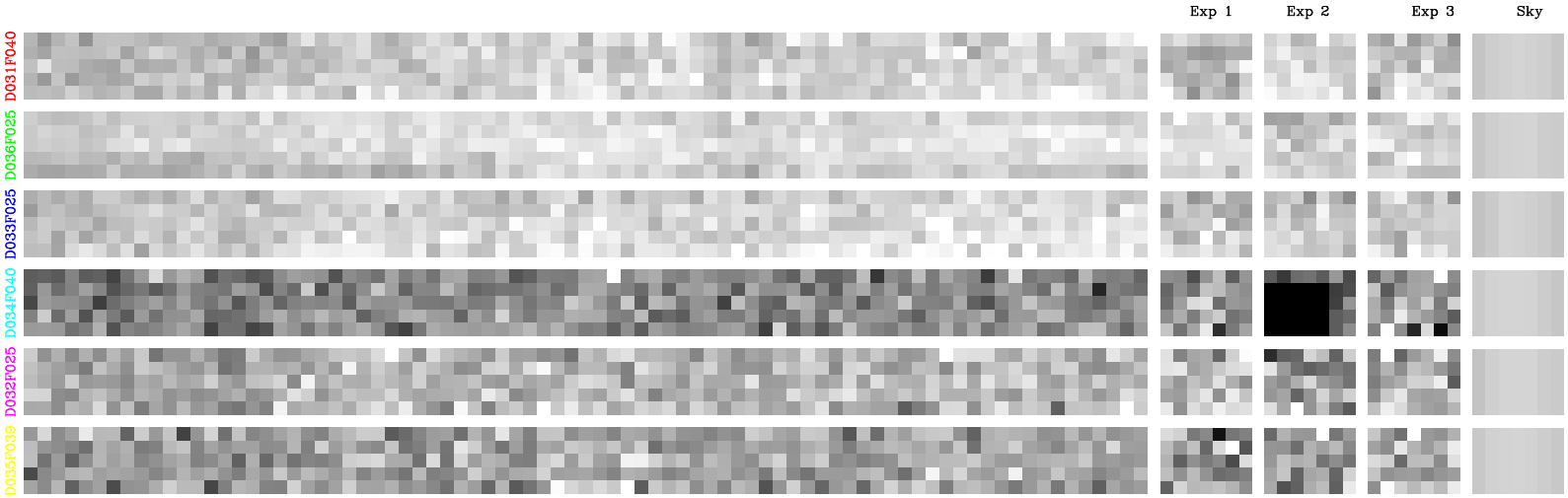
$EW_{obs} = 3.20Å$

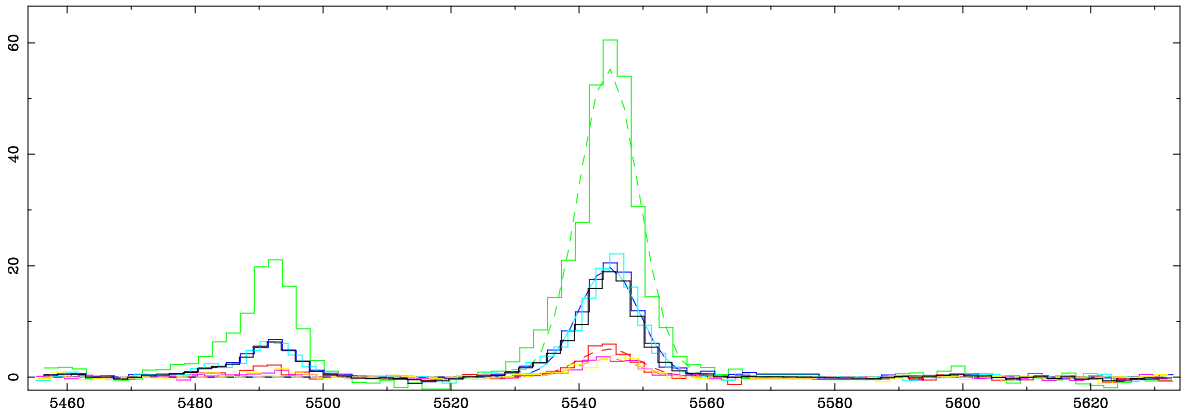
$\alpha_{2000} = 46.6645°$

$\delta_{2000} = 0.0625°$



S/N = 8.87
$FWHM_{obs}$ = 14.20Å
λ_{obs} = 4992.02Å
EW_{obs} = 1.46Å
α_{2000} = 46.6647°
δ_{2000} = 0.0622°





$S/N = 102.91$

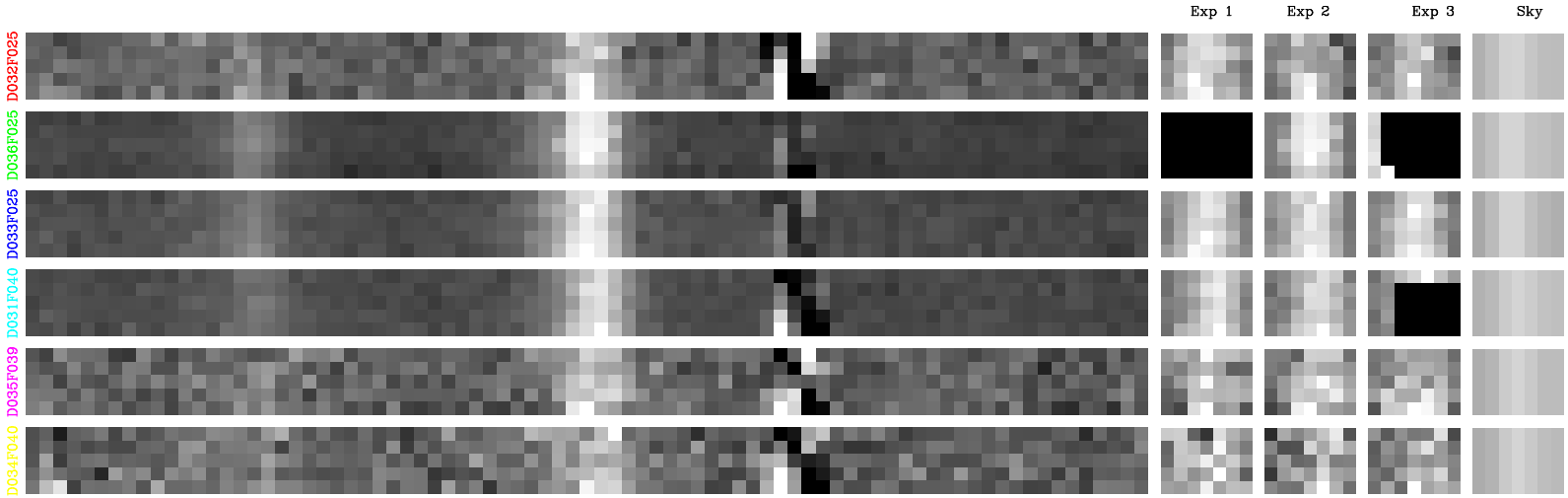
$FWHM_{obs} = 11.07Å$

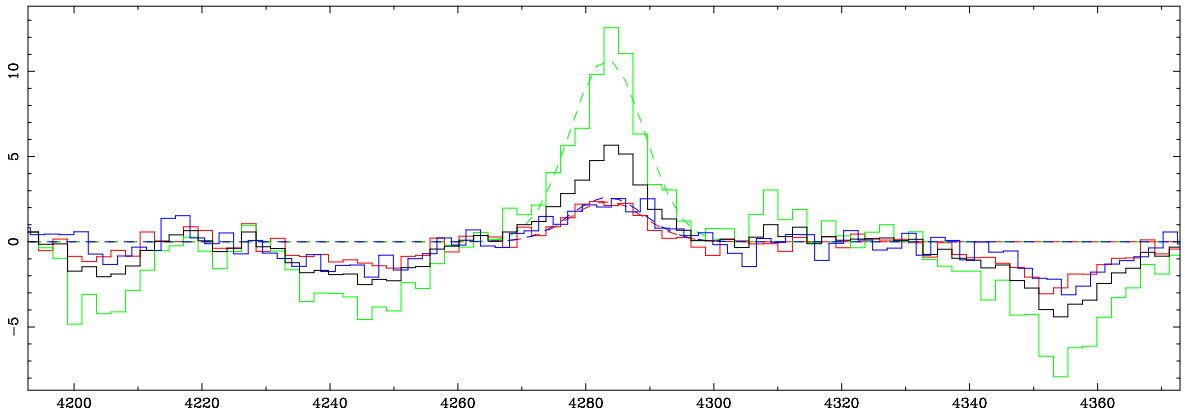
$\lambda_{obs} = 5544.62Å$

$EW_{obs} = 25.61Å$

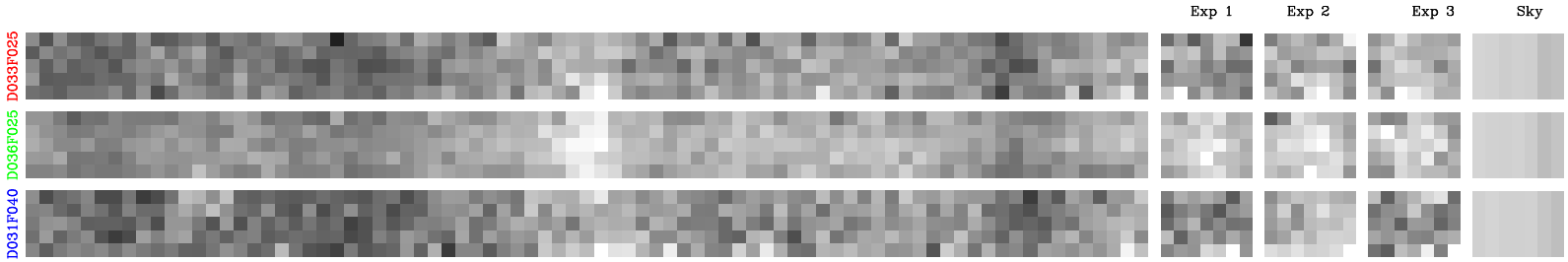
$\alpha_{2000} = 46.6648°$

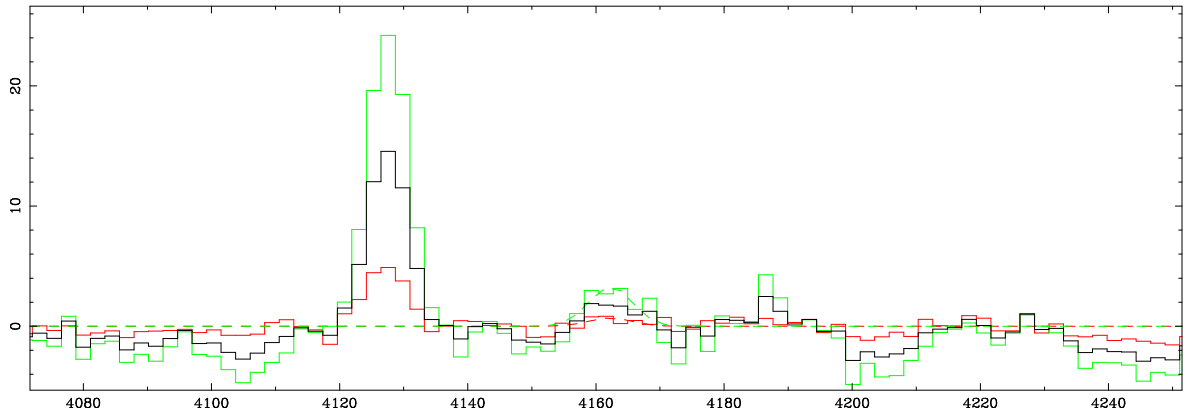
$\delta_{2000} = 0.0622°$





S/N = 26.40
$FWHM_{obs}$ = 13.62Å
λ_{obs} = 4283.32Å
EW_{obs} = 7.48Å
α_{2000} = 46.6647°
δ_{2000} = 0.0624°





$S/N = 5.85$

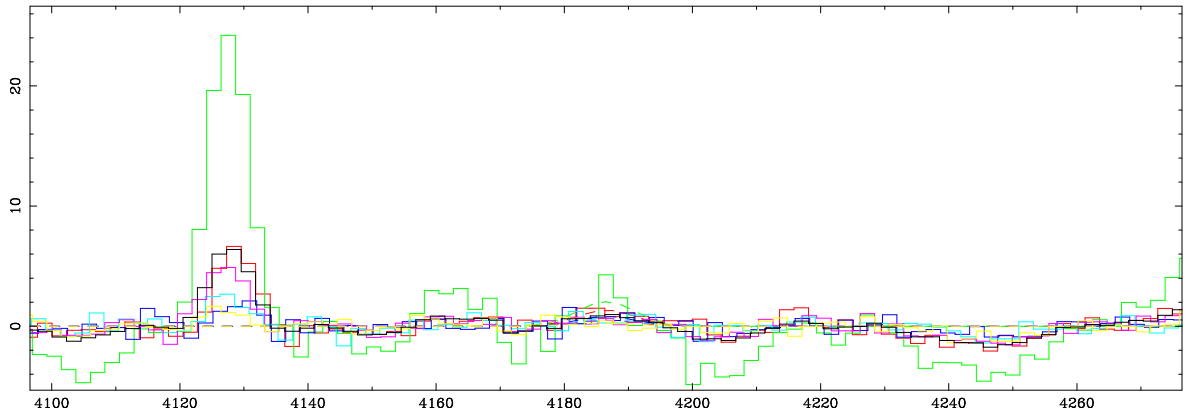
$FWHM_{obs} = 8.00Å$

$\lambda_{obs} = 4162.27Å$

$EW_{obs} = 1.28Å$

$\alpha_{2000} = 46.6648°$

$\delta_{2000} = 0.0625°$



$S/N = 7.48$

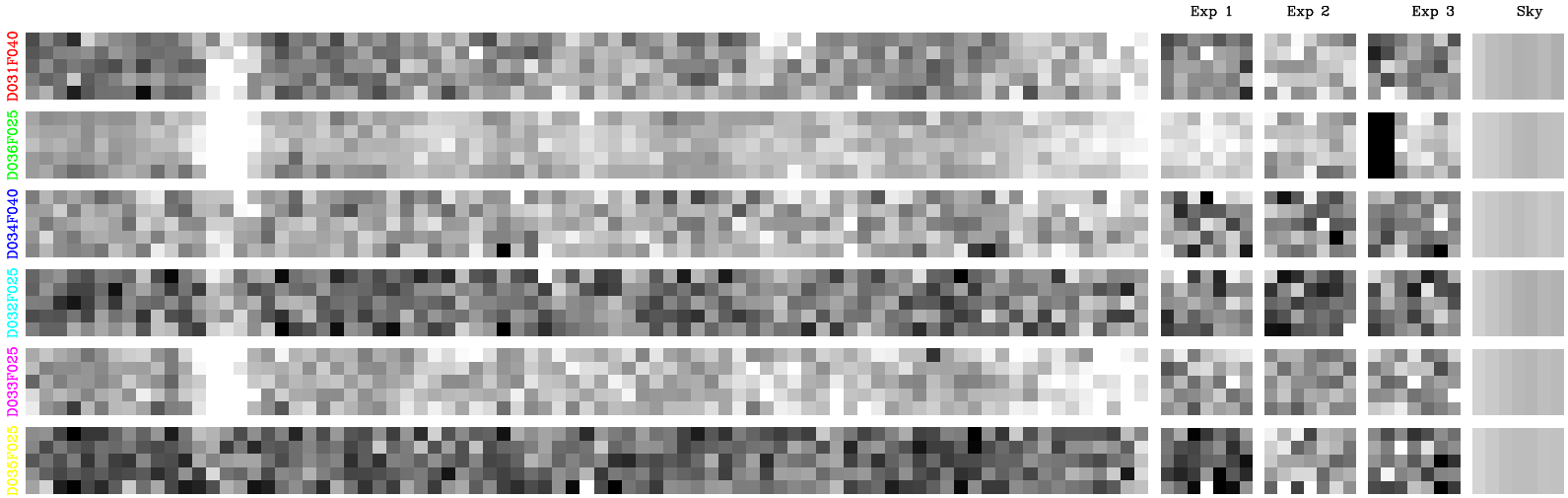
$FWHM_{obs} = 10.62Å$

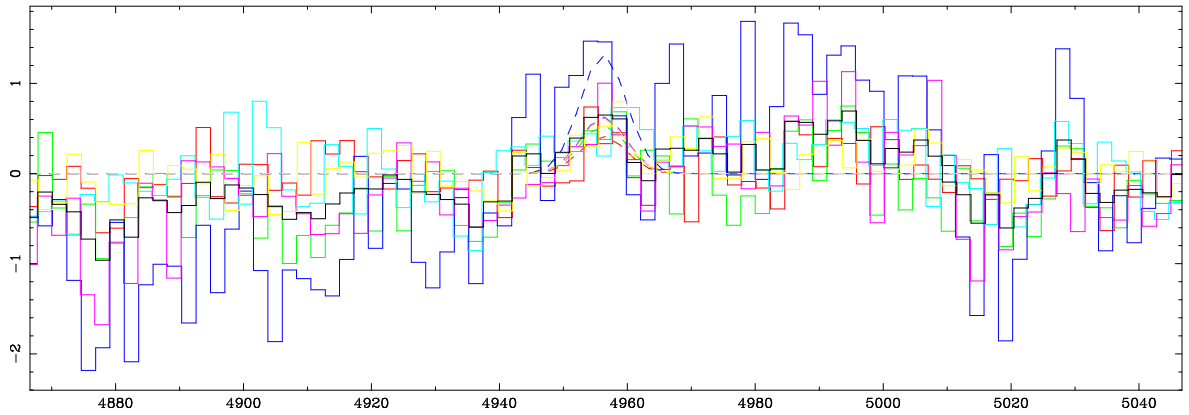
$\lambda_{obs} = 4186.56Å$

$EW_{obs} = 1.52Å$

$\alpha_{2000} = 46.6646°$

$\delta_{2000} = 0.0623°$





$S/N = 7.33$

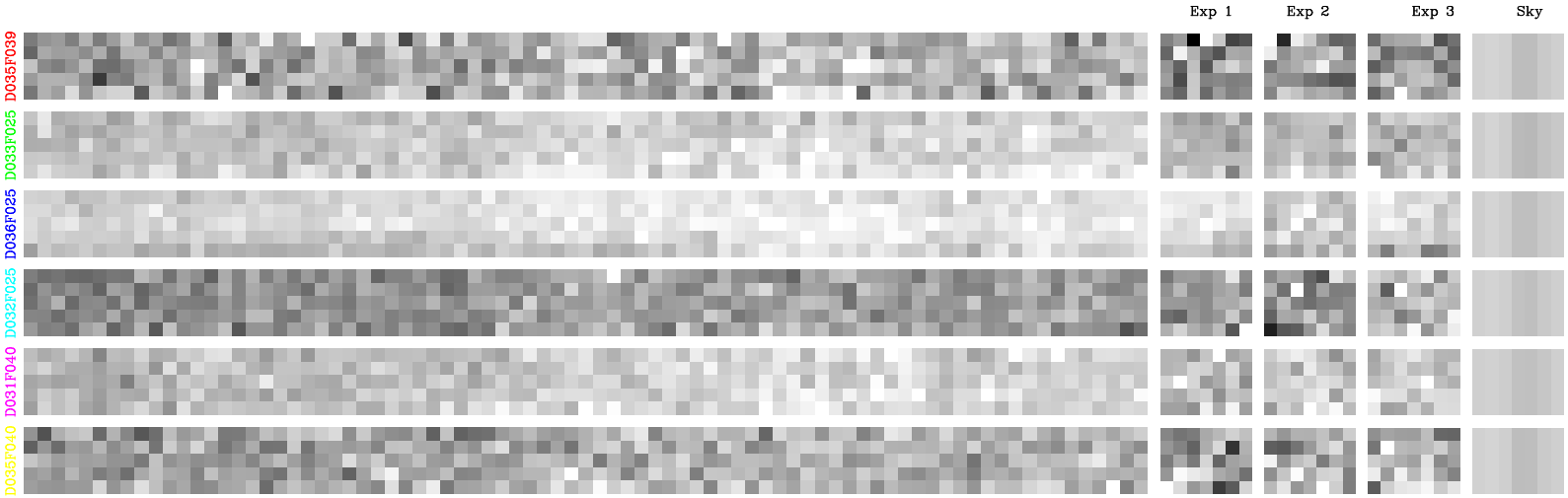
$FWHM_{obs} = 8.49Å$

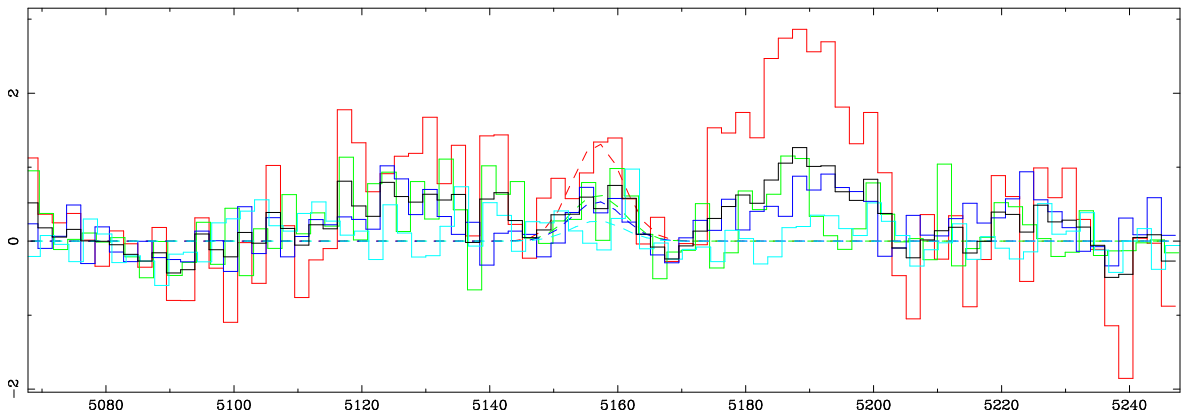
$\lambda_{obs} = 4956.24Å$

$EW_{obs} = 0.81Å$

$\alpha_{2000} = 46.6646°$

$\delta_{2000} = 0.0623°$





S/N = 6.04

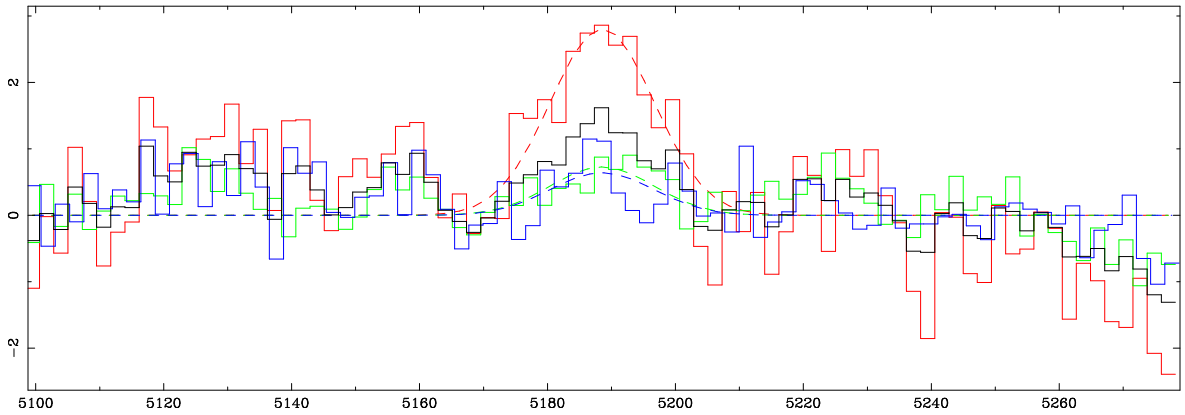
$FWHM_{obs}$ = 9.49Å

λ_{obs} = 5156.84Å

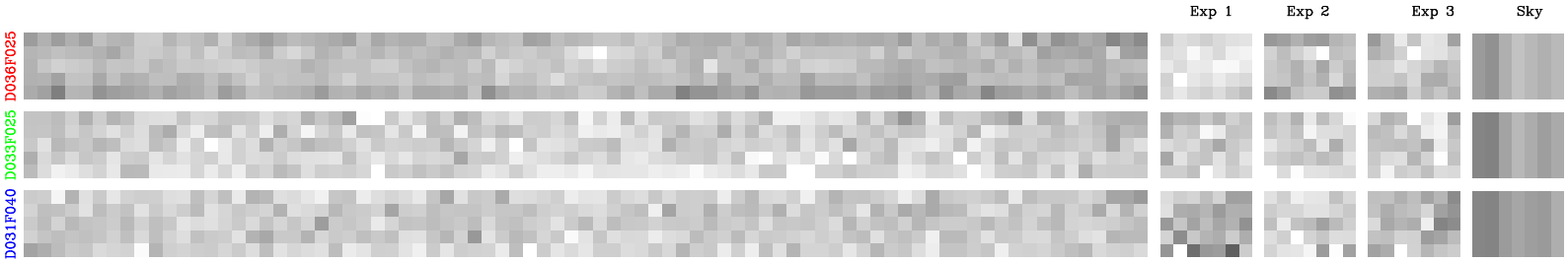
EW_{obs} = 0.67Å

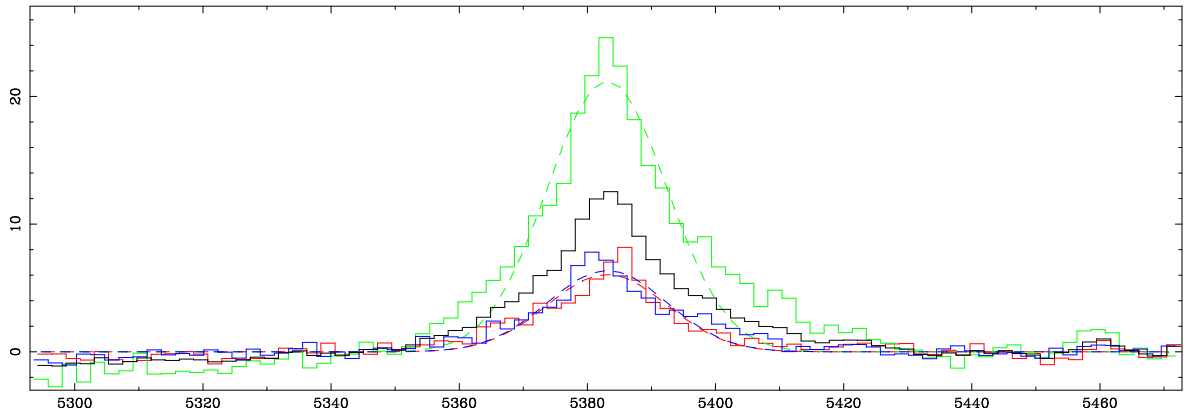
α_{2000} = 46.6646°

δ_{2000} = 0.0622°



S/N = 11.42
$FWHM_{obs}$ = 19.13Å
λ_{obs} = 5188.55Å
EW_{obs} = 2.45Å
α_{2000} = 46.6648°
δ_{2000} = 0.0623°





S/N = 83.45

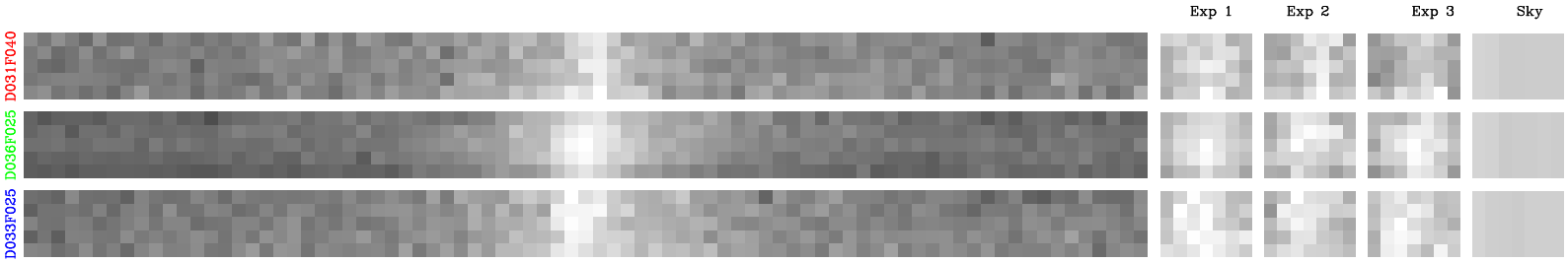
$FWHM_{obs}$ = 21.91Å

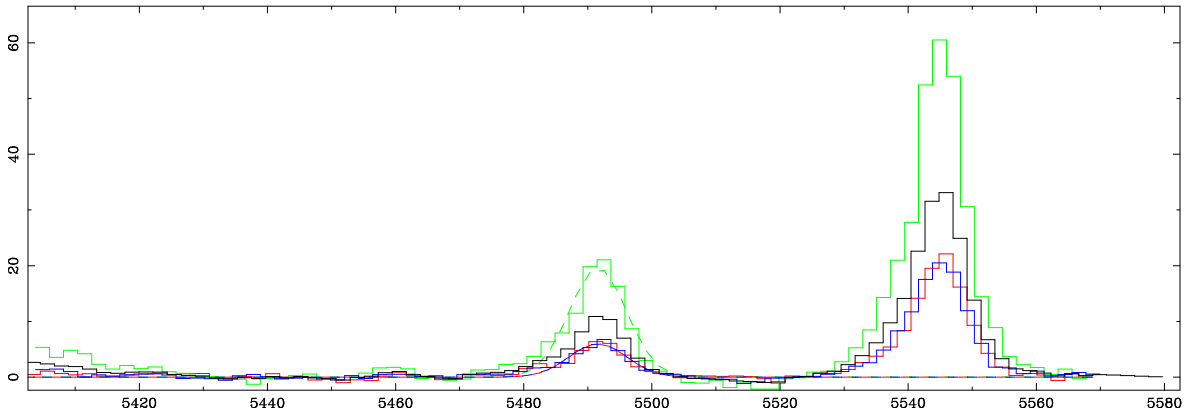
λ_{obs} = 5383.09Å

EW_{obs} = 21.75Å

α_{2000} = 46.6648°

δ_{2000} = 0.0623°





$S/N = 66.04$

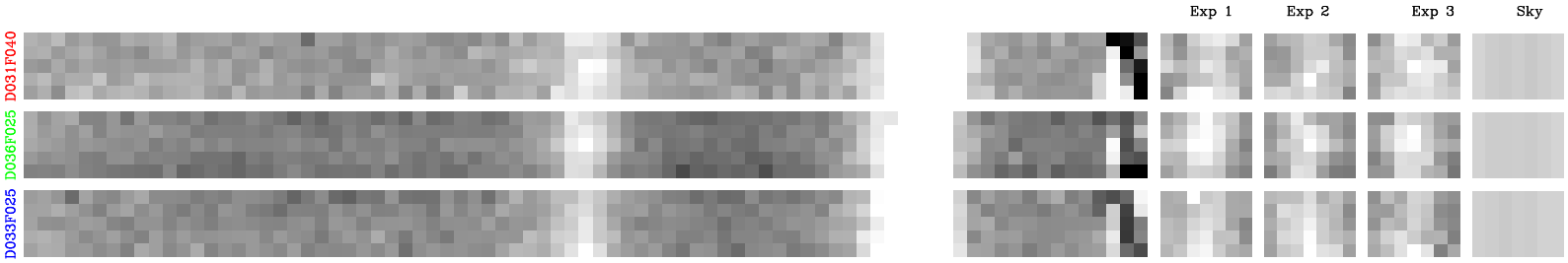
$FWHM_{obs} = 10.51Å$

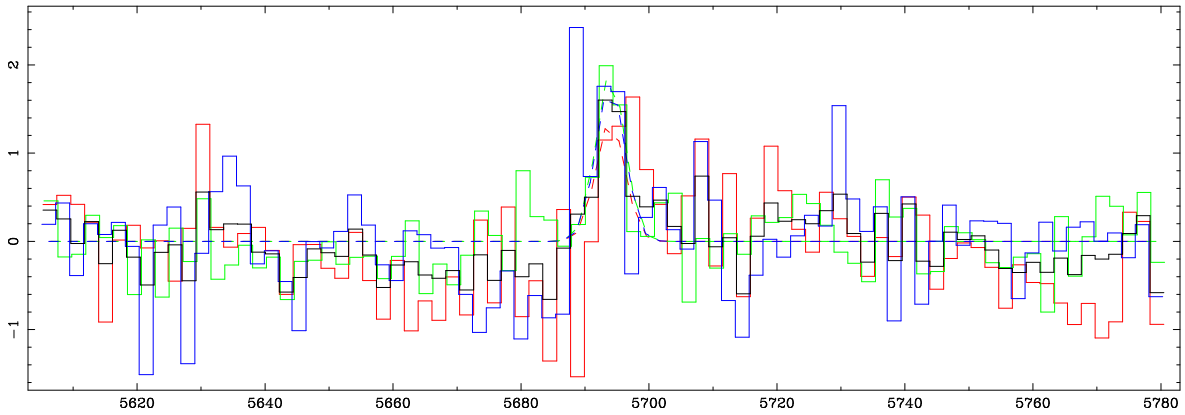
$\lambda_{obs} = 5491.58Å$

$EW_{obs} = 7.86Å$

$\alpha_{2000} = 46.6648°$

$\delta_{2000} = 0.0623°$





$S/N = 8.10$

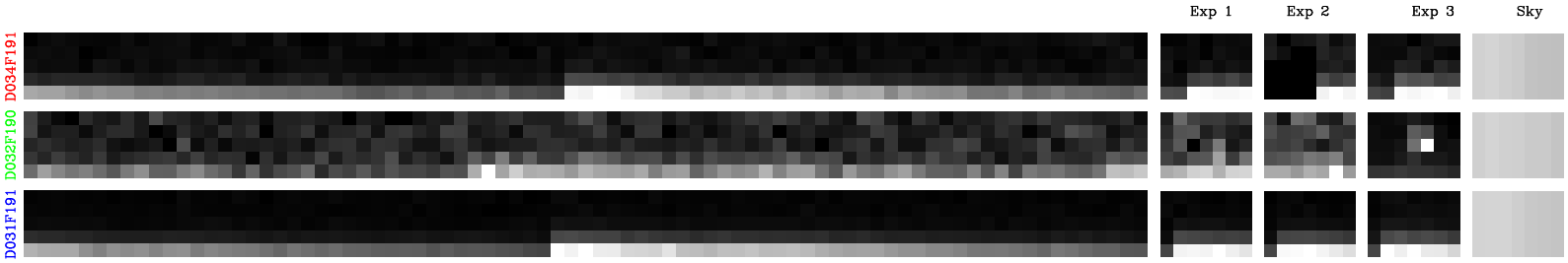
$FWHM_{obs} = 5.30Å$

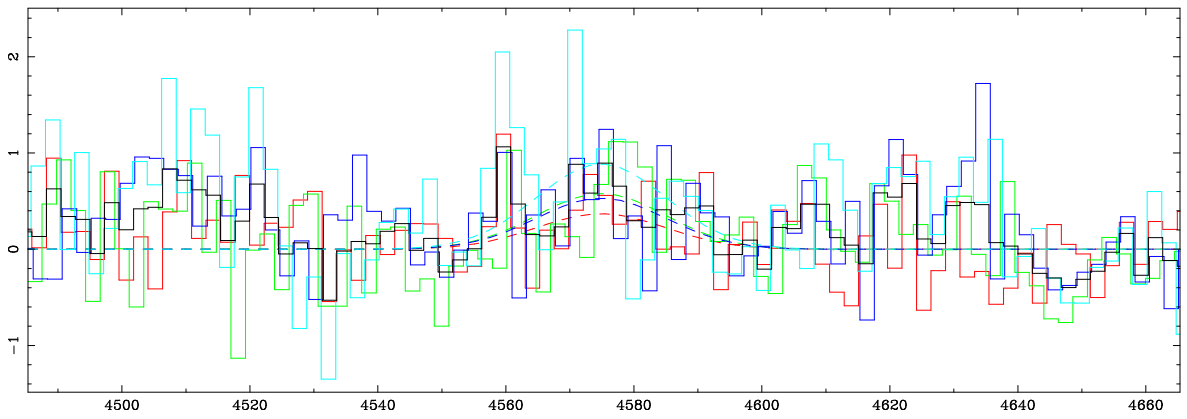
$\lambda_{obs} = 5693.95Å$

$EW_{obs} = 4.90Å$

$\alpha_{2000} = 46.6829°$

$\delta_{2000} = 0.0401°$





$S/N = 6.71$

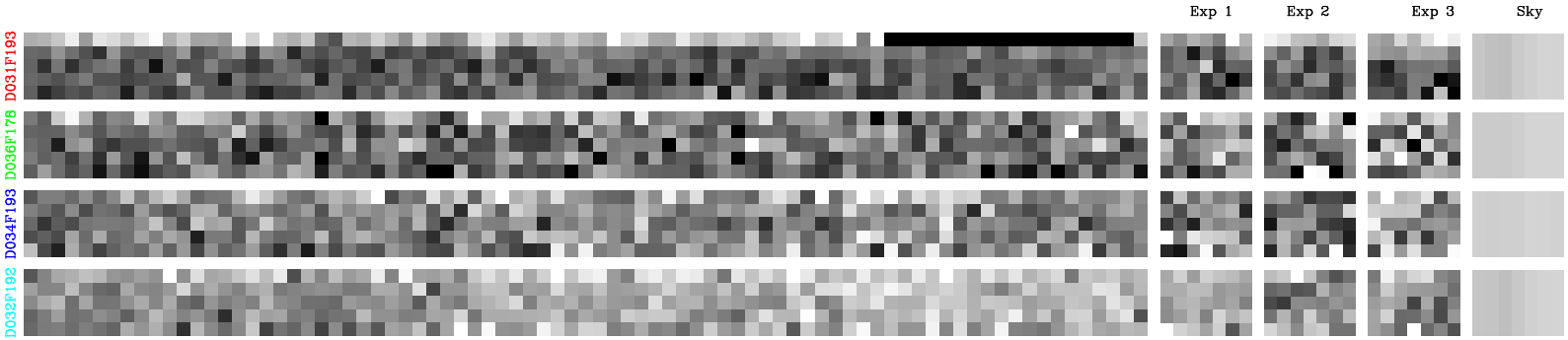
$FWHM_{obs} = 23.86Å$

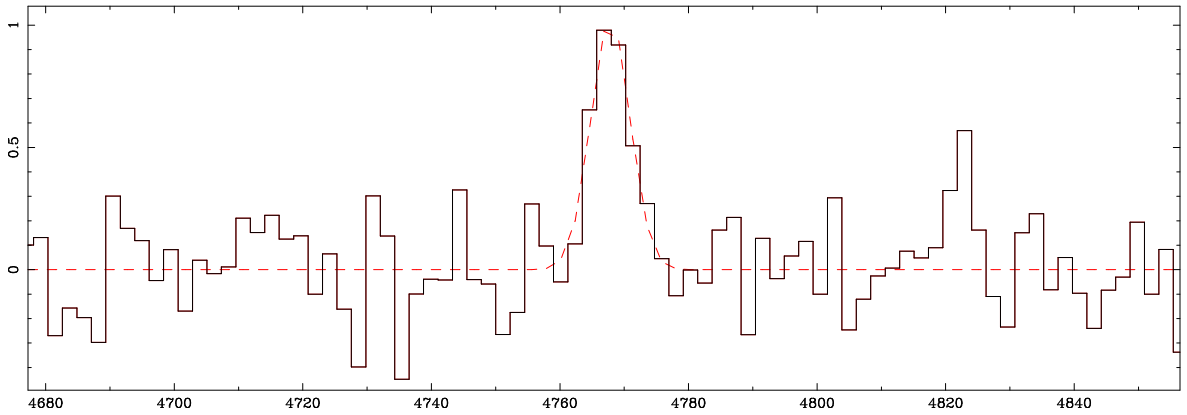
$\lambda_{obs} = 4574.89Å$

$EW_{obs} = 6.64Å$

$\alpha_{2000} = 46.6787°$

$\delta_{2000} = 0.0404°$





$S/N = 6.67$

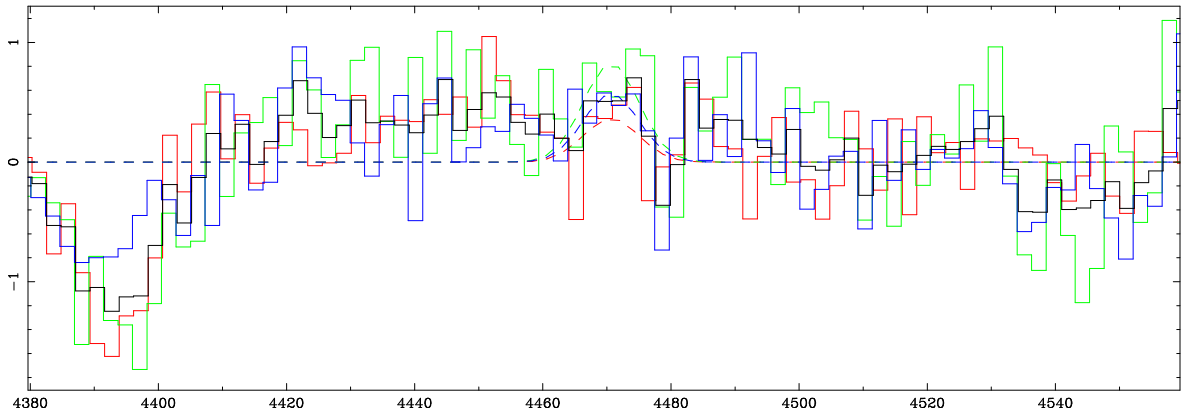
$FWHM_{obs} = 7.15$Å

$\lambda_{obs} = 4767.86$Å

$EW_{obs} > 74.91$Å

$\alpha_{2000} = 46.6838°$

$\delta_{2000} = 0.0639°$



$S/N = 5.65$

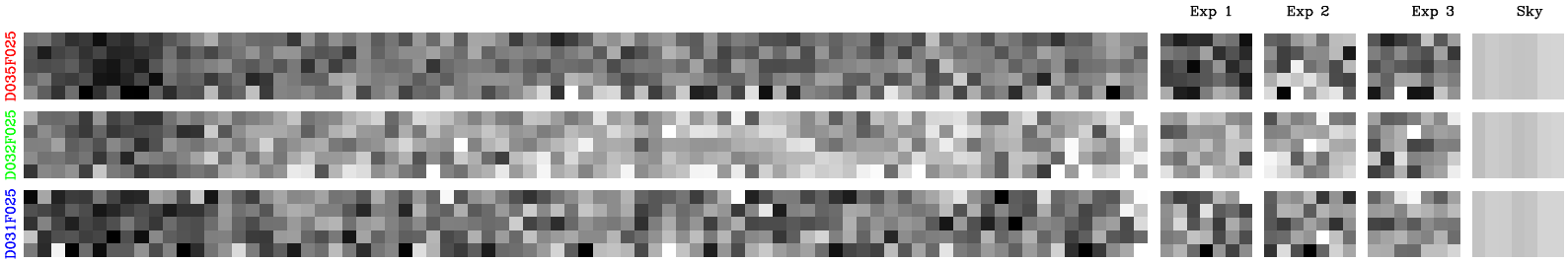
$FWHM_{obs} = 10.25Å$

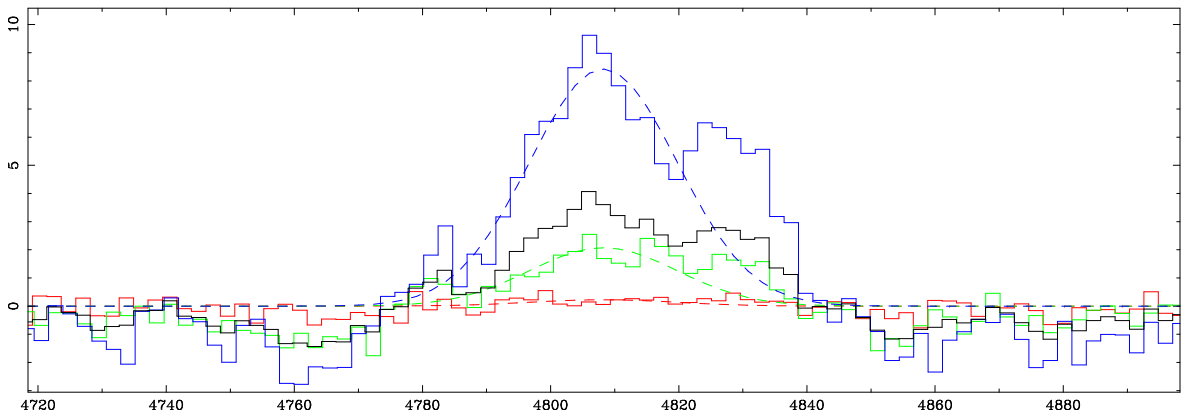
$\lambda_{obs} = 4470.65Å$

$EW_{obs} = 2.85Å$

$\alpha_{2000} = 46.6648°$

$\delta_{2000} = 0.0634°$





$S/N = 28.20$

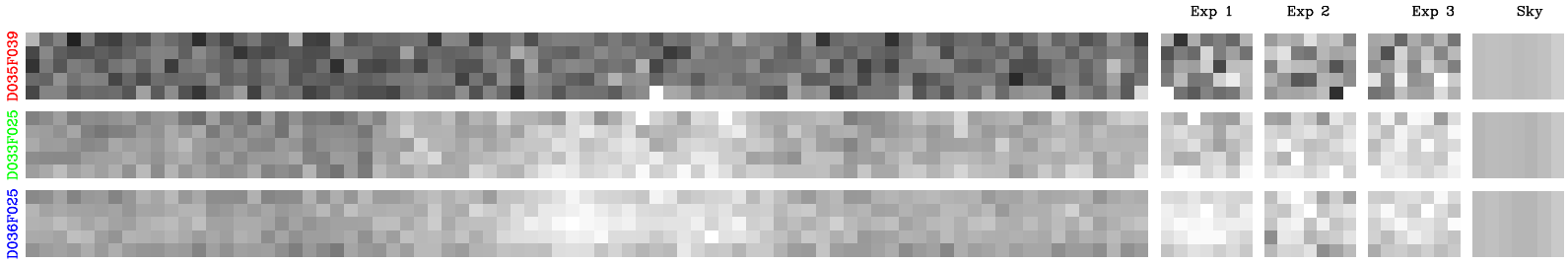
$FWHM_{obs} = 27.19Å$

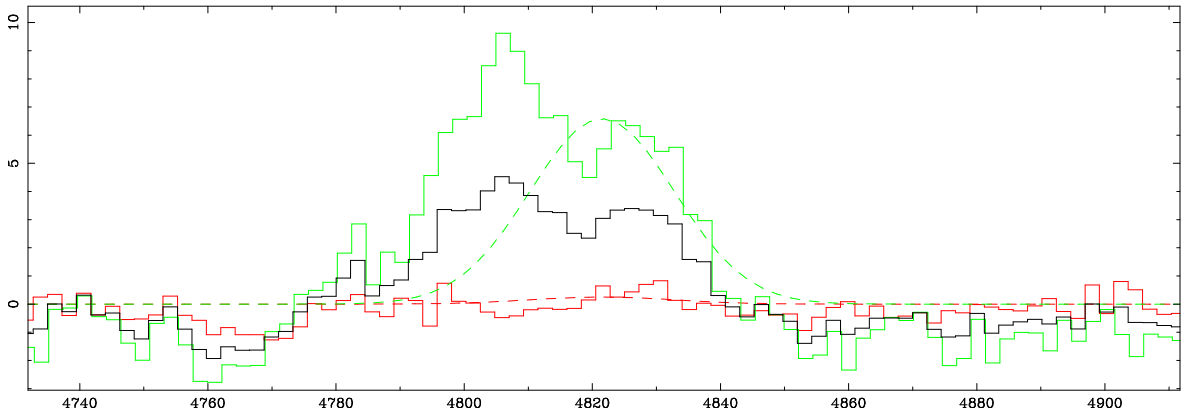
$\lambda_{obs} = 4808.23Å$

$EW_{obs} = 11.42Å$

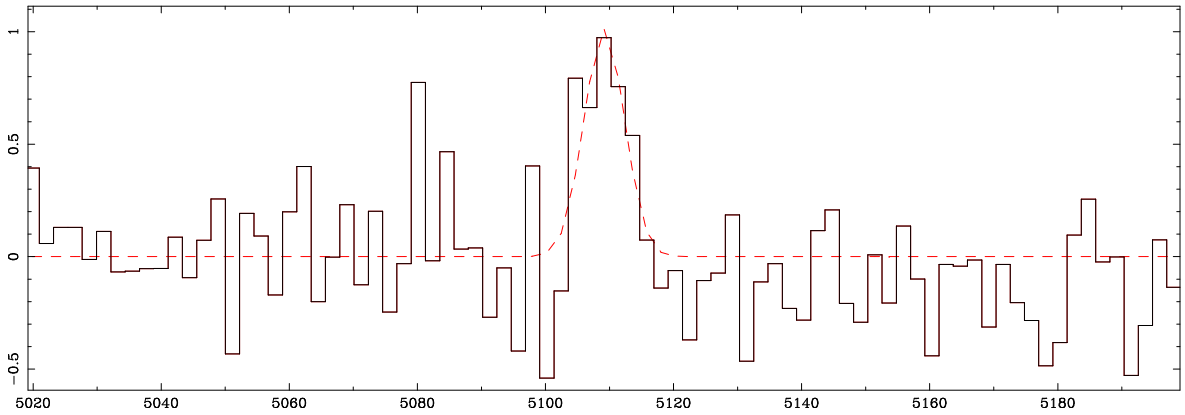
$\alpha_{2000} = 46.6648°$

$\delta_{2000} = 0.0624°$





S/N = 16.91
$FWHM_{obs}$ = 26.62Å
λ_{obs} = 4821.53Å
EW_{obs} = 7.79Å
α_{2000} = 46.6647°
δ_{2000} = 0.0625°



S/N = 5.65

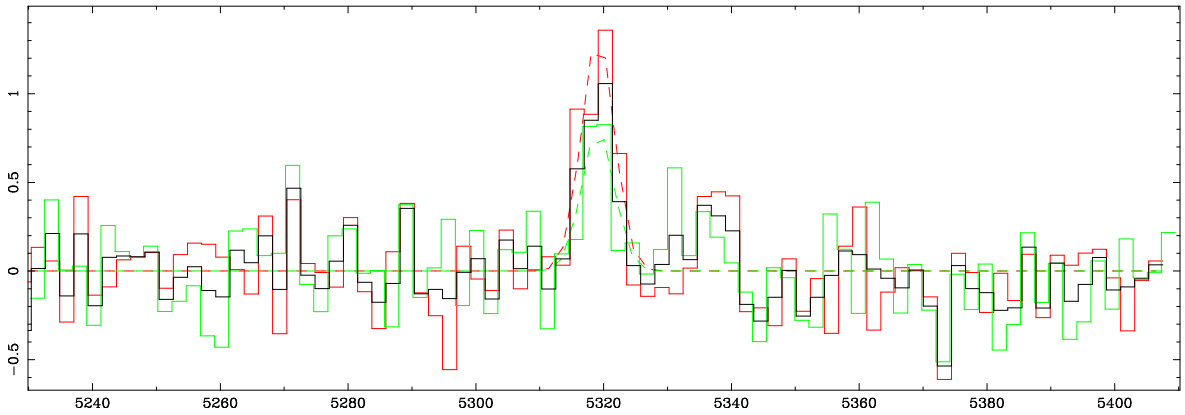
$FWHM_{obs}$ = 7.41Å

λ_{obs} = 5109.19Å

EW_{obs} > 68.03Å

α_{2000} = 46.6558°

δ_{2000} = 0.0632°



S/N = 8.34

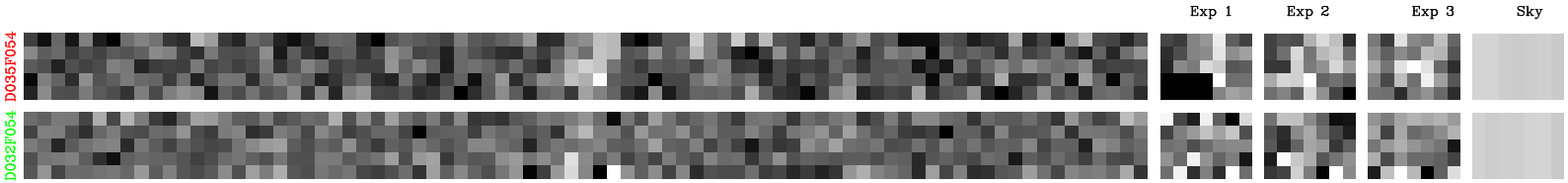
$FWHM_{obs}$ = 6.01Å

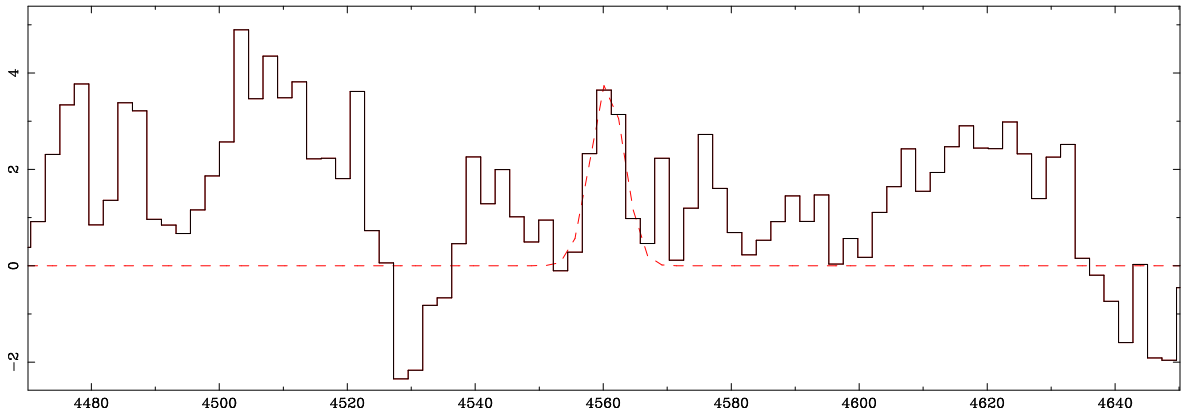
λ_{obs} = 5319.10Å

EW_{obs} = 15.86Å

α_{2000} = 46.6645°

δ_{2000} = 0.0597°





S/N = 9.43

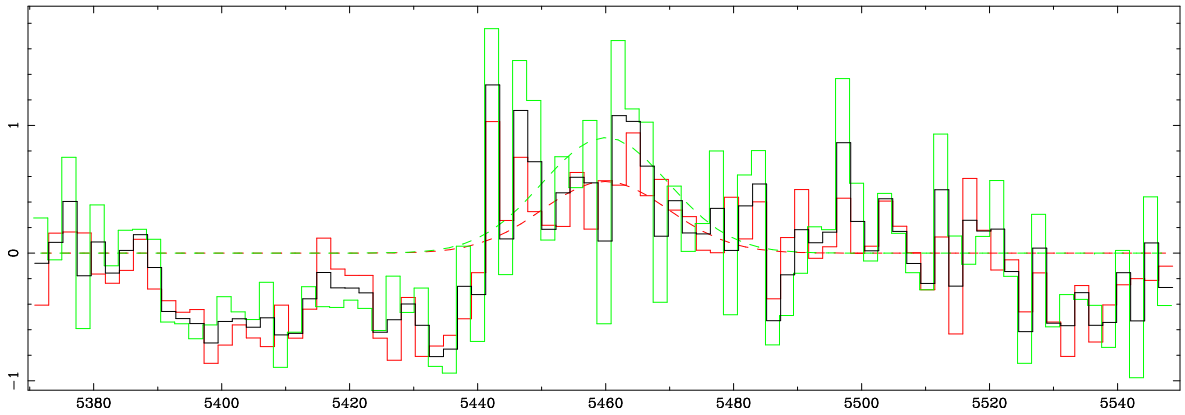
$FWHM_{obs}$ = 6.11Å

λ_{obs} = 4560.66Å

EW_{obs} = 1.23Å

α_{2000} = 46.6814°

δ_{2000} = 0.0400°



$S/N = 5.58$

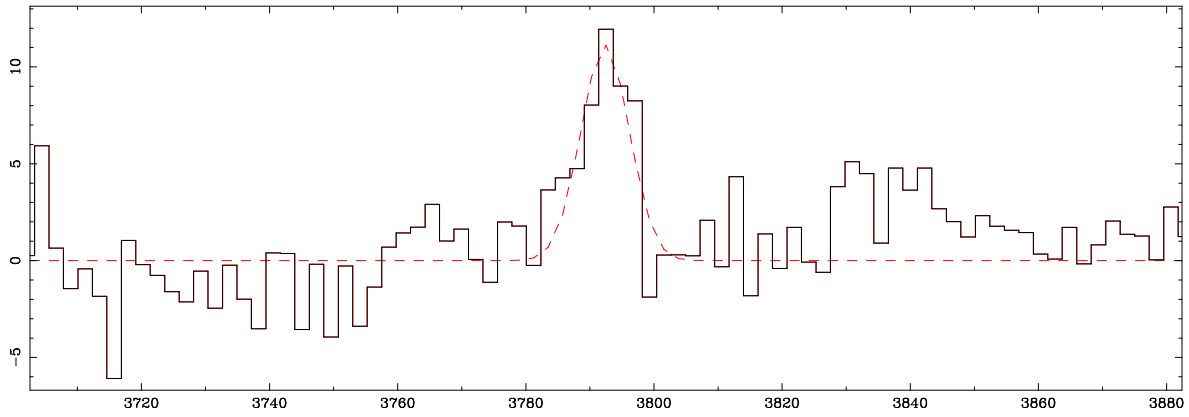
$FWHM_{obs} = 23.24Å$

$\lambda_{obs} = 5459.96Å$

$EW_{obs} = 7.99Å$

$\alpha_{2000} = 46.6821°$

$\delta_{2000} = 0.0405°$



$S/N = 8.46$

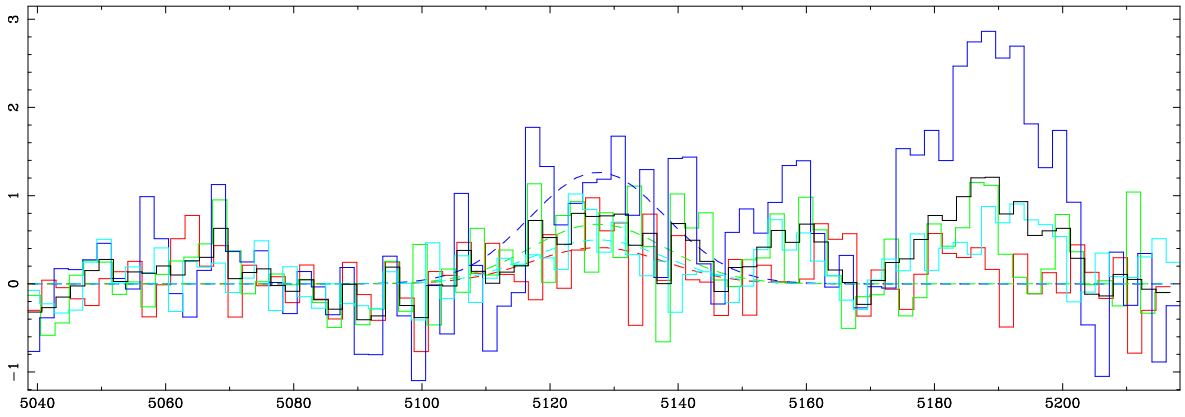
$FWHM_{obs} = 8.88Å$

$\lambda_{obs} = 3792.38Å$

$EW_{obs} = 3.81Å$

$\alpha_{2000} = 46.6647°$

$\delta_{2000} = 0.0626°$



S/N = 7.89

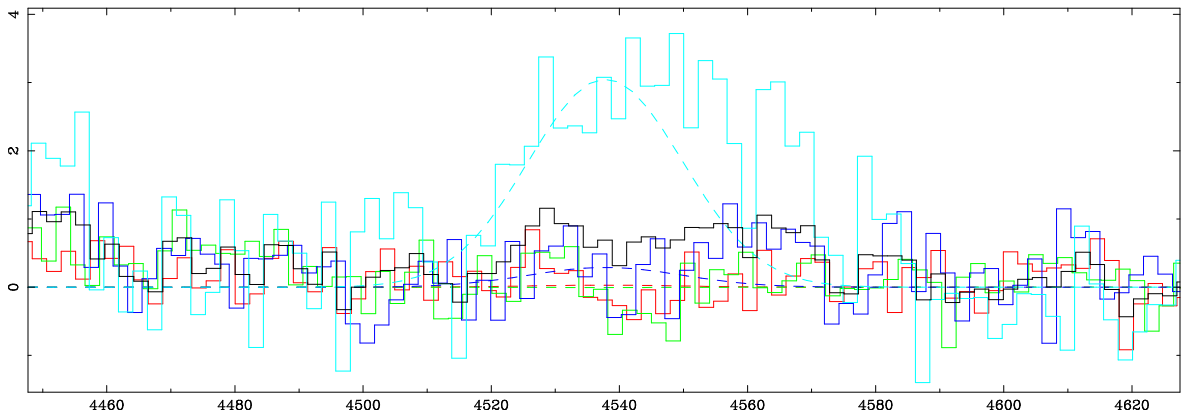
$FWHM_{obs}$ = 24.57Å

λ_{obs} = 5127.49Å

EW_{obs} = 2.02Å

α_{2000} = 46.6647°

δ_{2000} = 0.0621°



$S/N = 6.05$

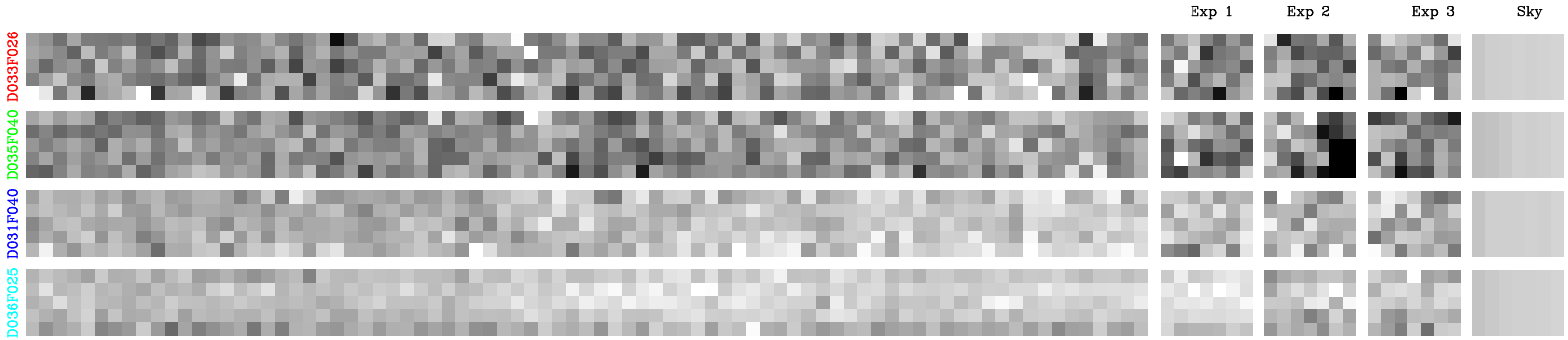
$FWHM_{obs} = 28.27Å$

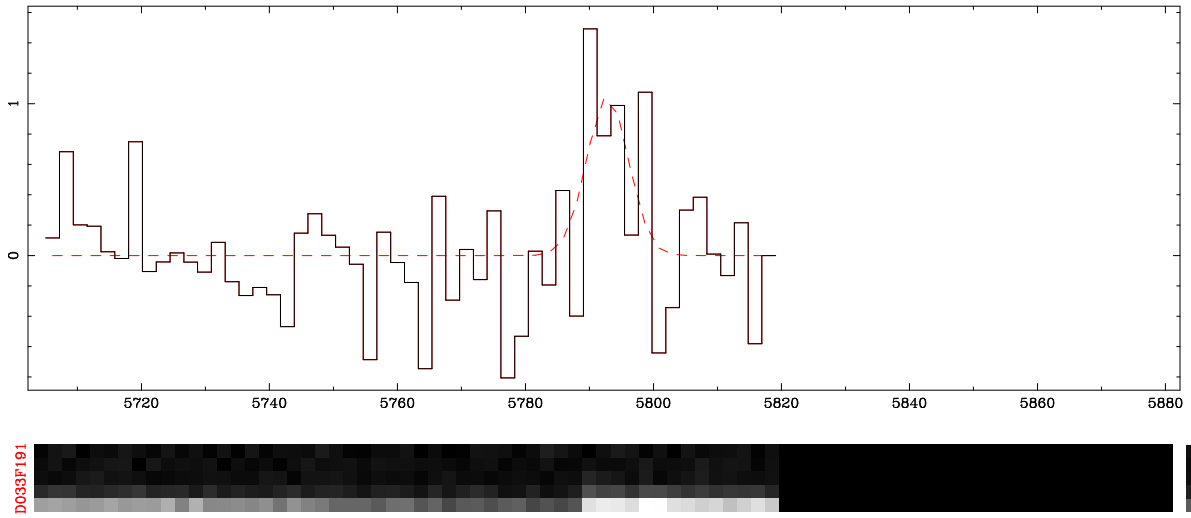
$\lambda_{obs} = 4537.83Å$

$EW_{obs} = 2.56Å$

$\alpha_{2000} = 46.6646°$

$\delta_{2000} = 0.0624°$





$S/N = 5.50$

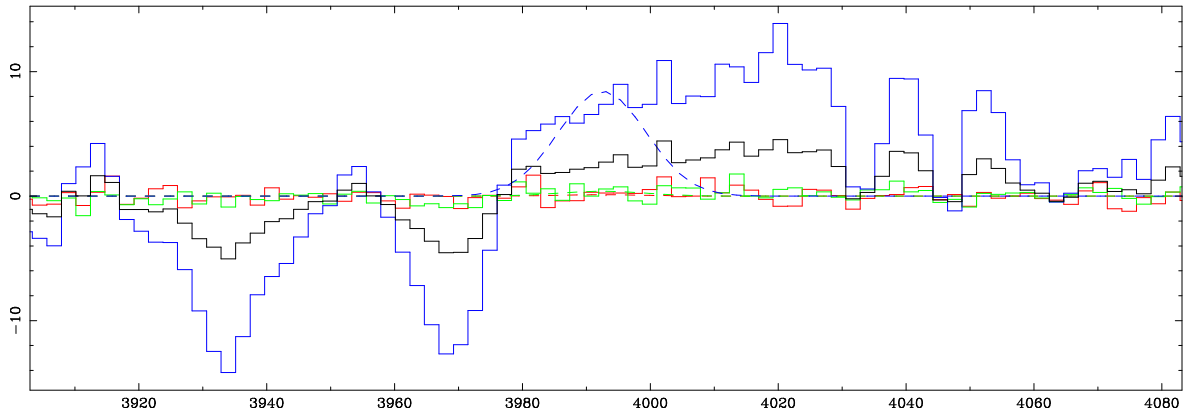
$FWHM_{obs} = 7.63Å$

$\lambda_{obs} = 5792.84Å$

$EW_{obs} = 8.49Å$

$\alpha_{2000} = 46.6824°$

$\delta_{2000} = 0.0393°$



$S/N = 11.79$

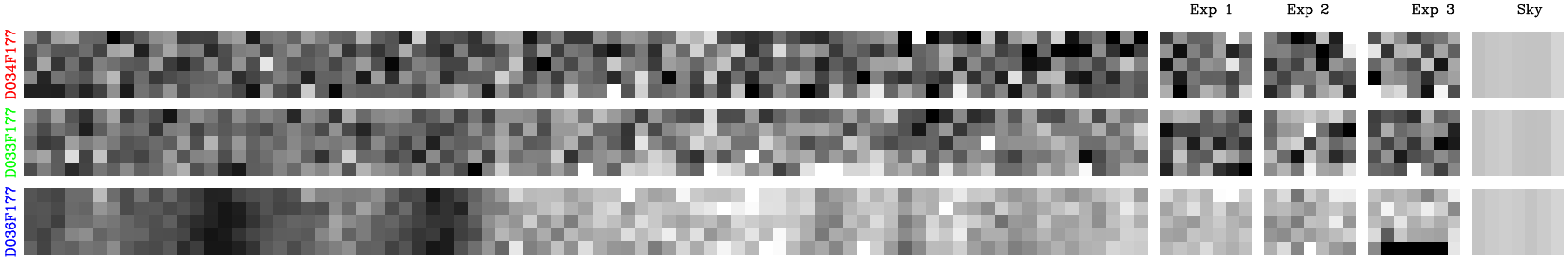
$FWHM_{obs} = 16.22Å$

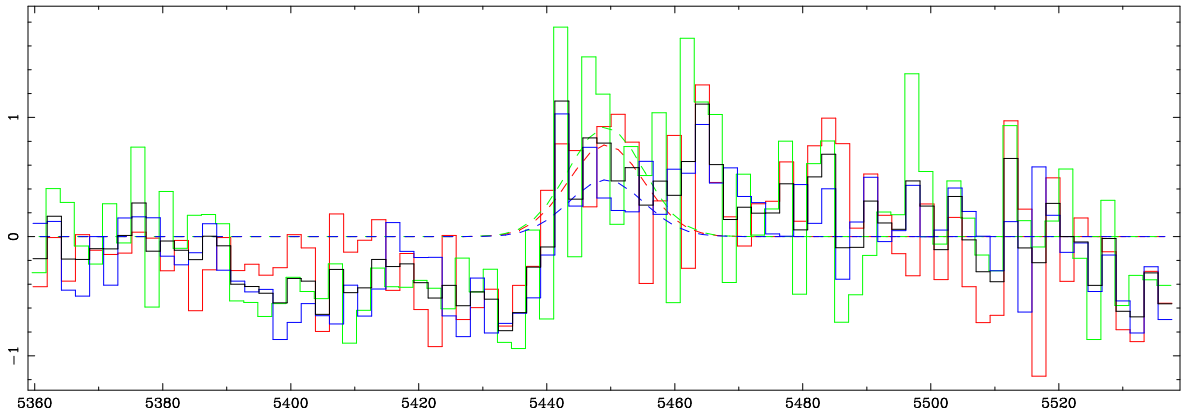
$\lambda_{obs} = 3992.48Å$

$EW_{obs} = 8.50Å$

$\alpha_{2000} = 46.6806°$

$\delta_{2000} = 0.0413°$





$S/N = 5.94$

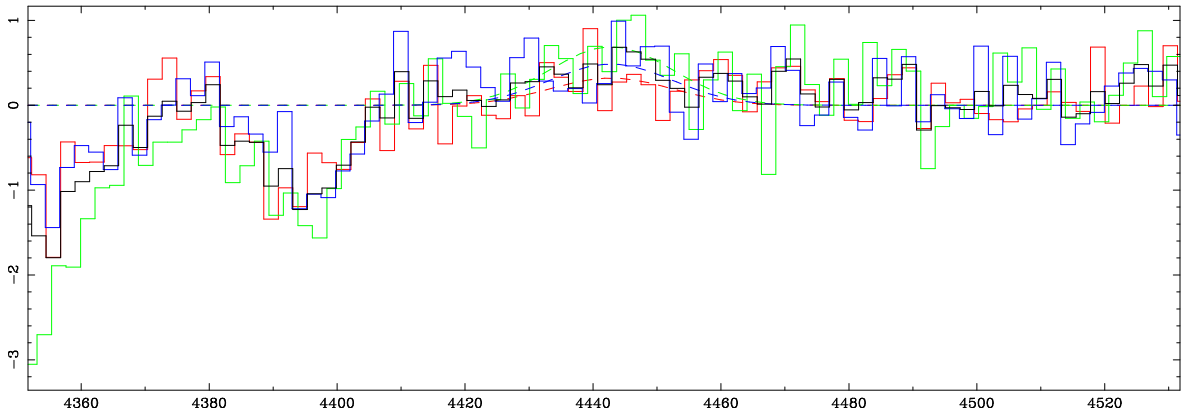
$FWHM_{obs} = 13.84Å$

$\lambda_{obs} = 5449.26Å$

$EW_{obs} = 4.91Å$

$\alpha_{2000} = 46.6824°$

$\delta_{2000} = 0.0403°$



S/N = 5.63

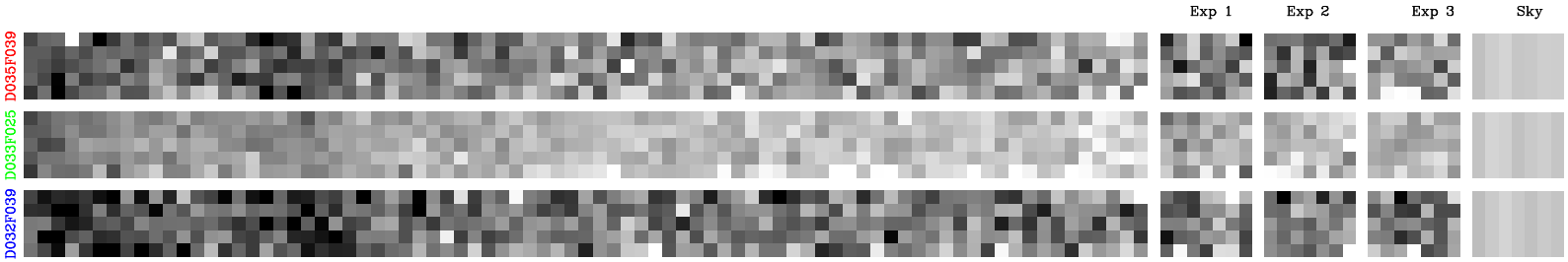
$FWHM_{obs}$ = 22.51Å

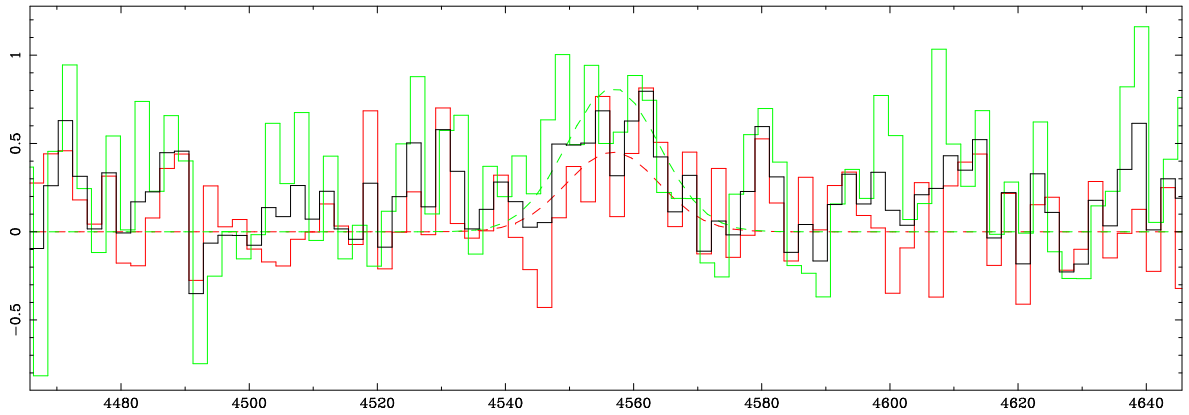
λ_{obs} = 4442.84Å

EW_{obs} = 4.14Å

α_{2000} = 46.6655°

δ_{2000} = 0.0619°





S/N = 5.72

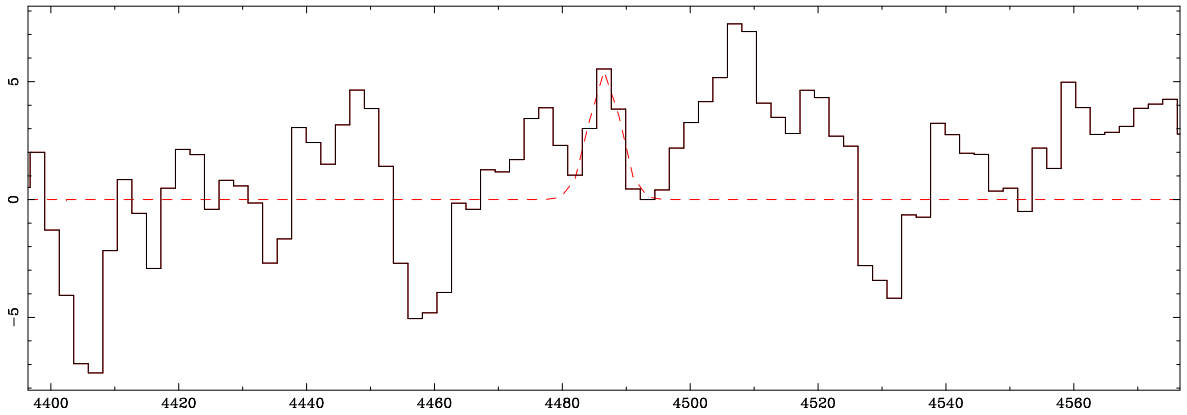
$FWHM_{obs}$ = 16.96Å

λ_{obs} = 4556.76Å

EW_{obs} = 2.50Å

α_{2000} = 46.6655°

δ_{2000} = 0.0622°



S/N = 7.83

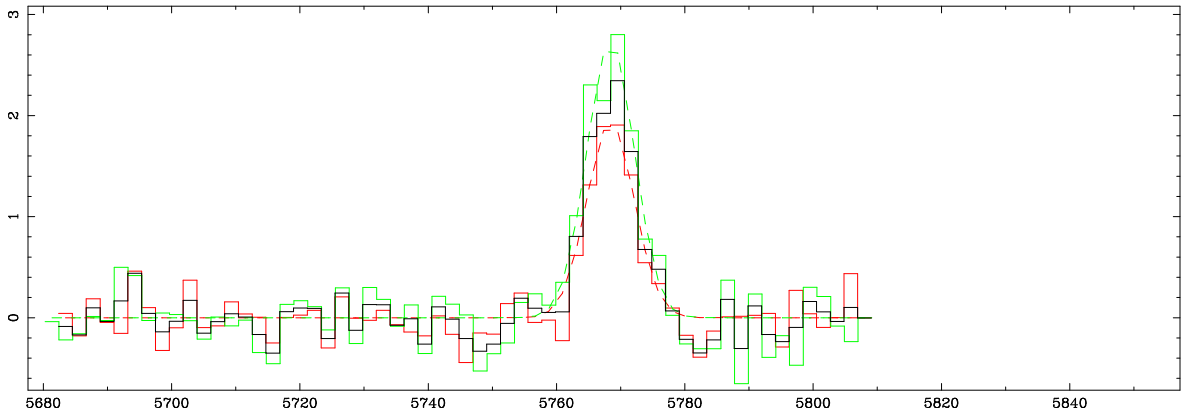
$FWHM_{obs}$ = 5.65Å

λ_{obs} = 4486.61Å

EW_{obs} = 1.08Å

α_{2000} = 46.6806°

δ_{2000} = 0.0413°



$S/N = 22.72$

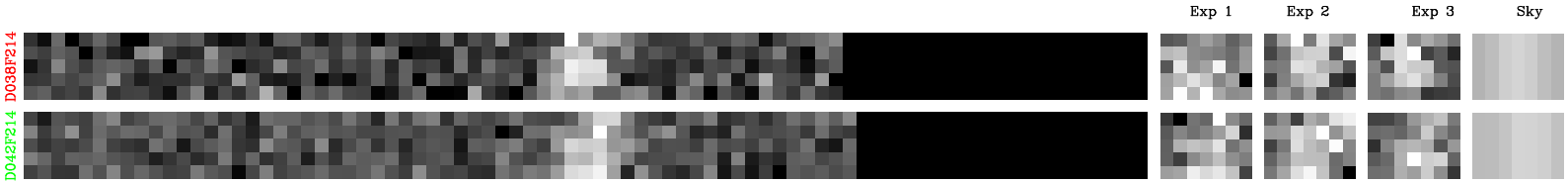
$FWHM_{obs} = 8.67Å$

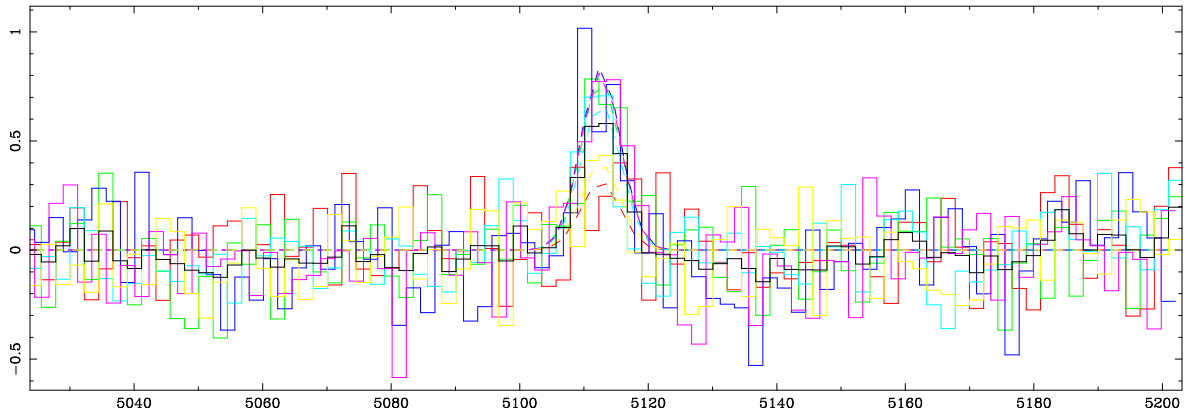
$\lambda_{obs} = 5768.42Å$

$EW_{obs} = 120.52Å$

$\alpha_{2000} = 46.6926°$

$\delta_{2000} = 0.0384°$





S/N = 12.43

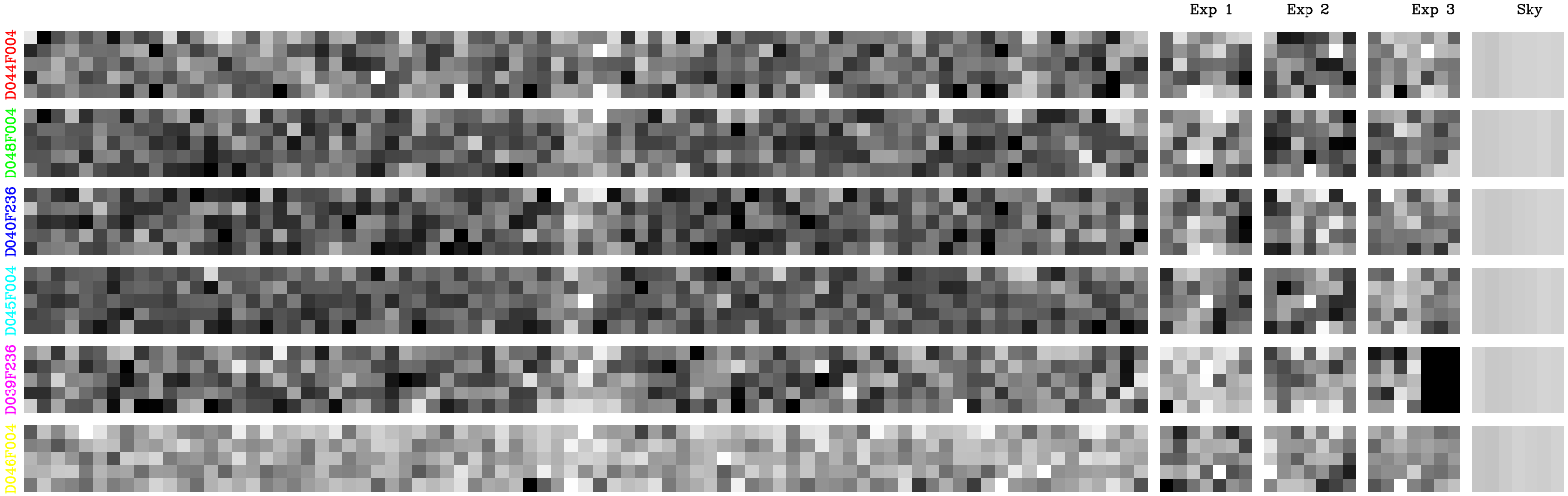
$FWHM_{obs}$ = 7.24Å

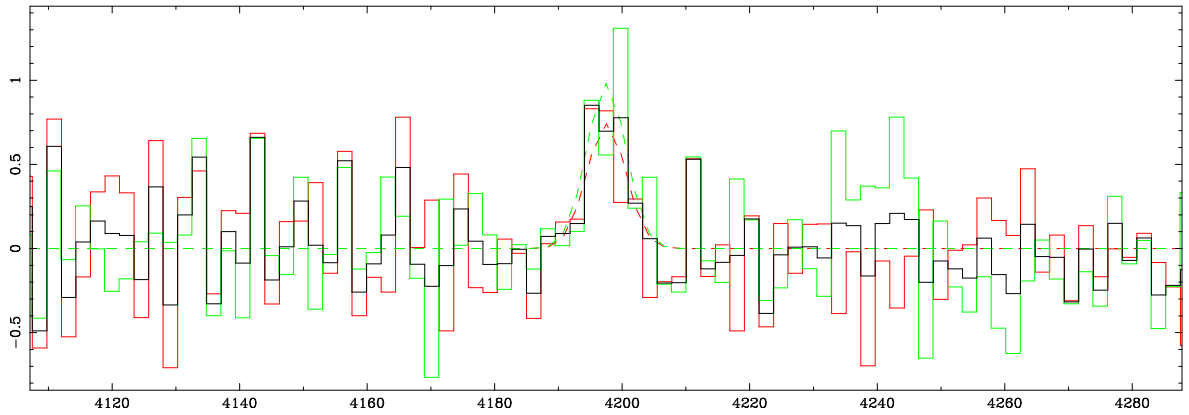
λ_{obs} = 5112.60Å

EW_{obs} = 13.96Å

α_{2000} = 46.7086°

δ_{2000} = 0.0344°





S/N = 5.94

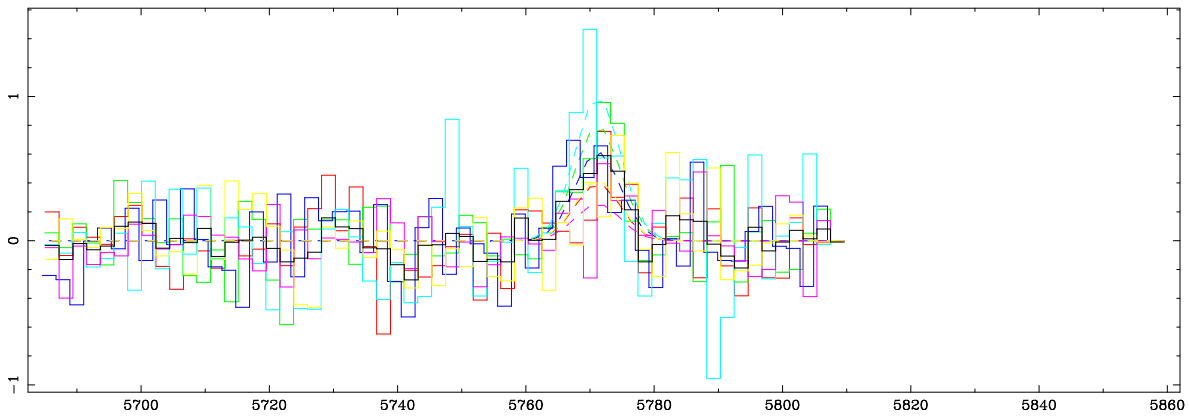
$FWHM_{obs}$ = 7.25Å

λ_{obs} = 4197.52Å

EW_{obs} > 53.16Å

α_{2000} = 46.6939°

δ_{2000} = 0.0519°



$S/N = 8.95$

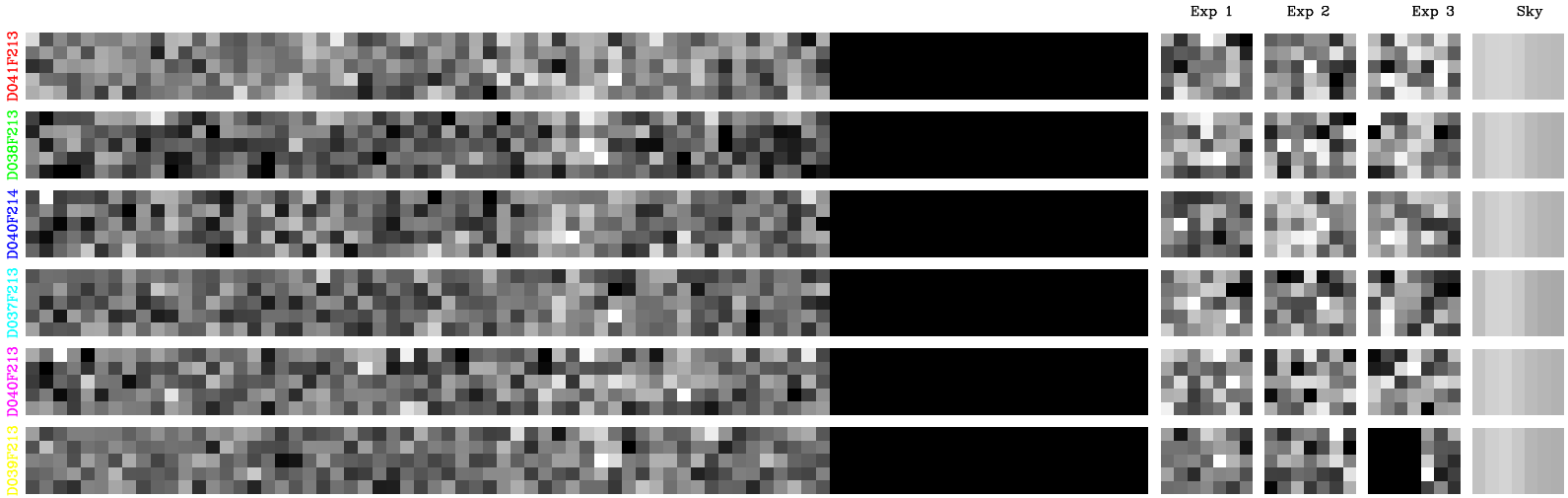
$FWHM_{obs} = 8.34$Å

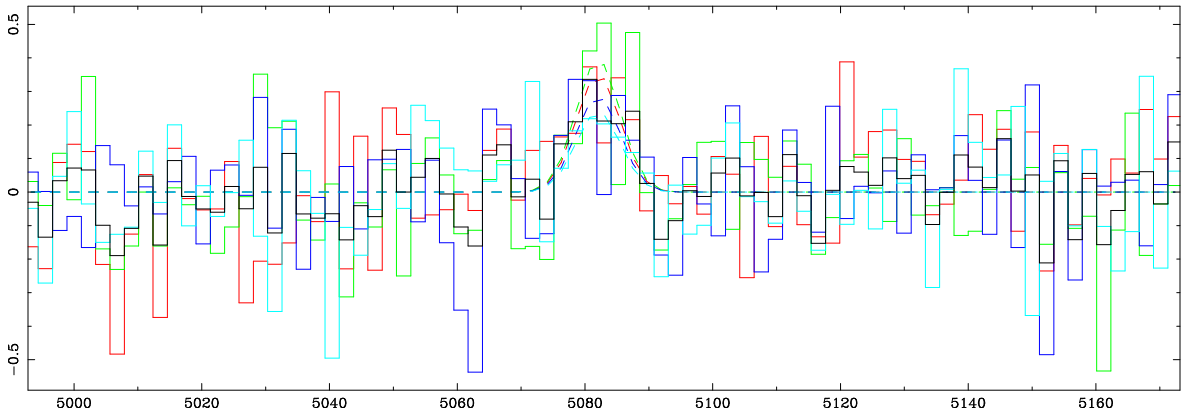
$\lambda_{obs} = 5771.19$Å

$EW_{obs} > 95.92$Å

$\alpha_{2000} = 46.6951°$

$\delta_{2000} = 0.0389°$





$S/N = 6.25$

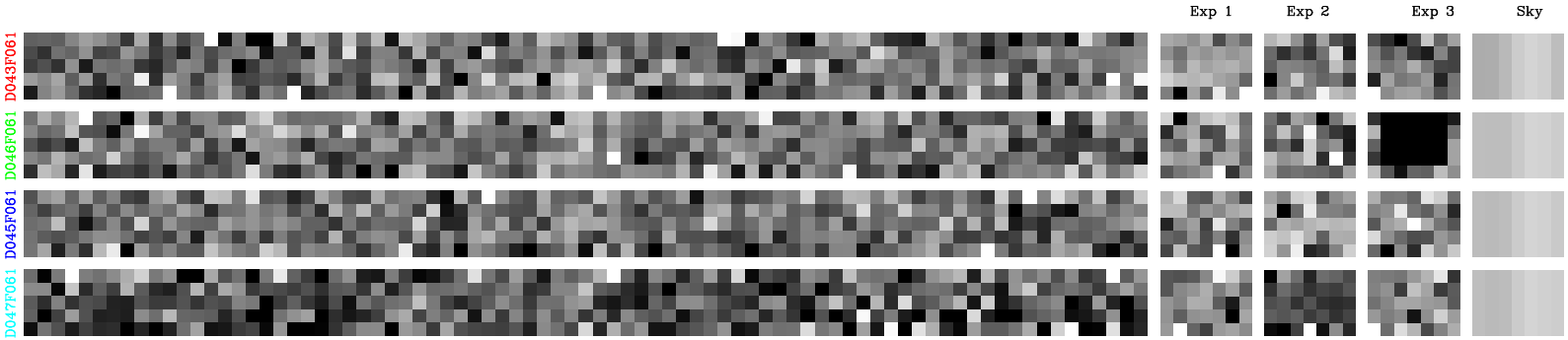
$FWHM_{obs} = 8.20Å$

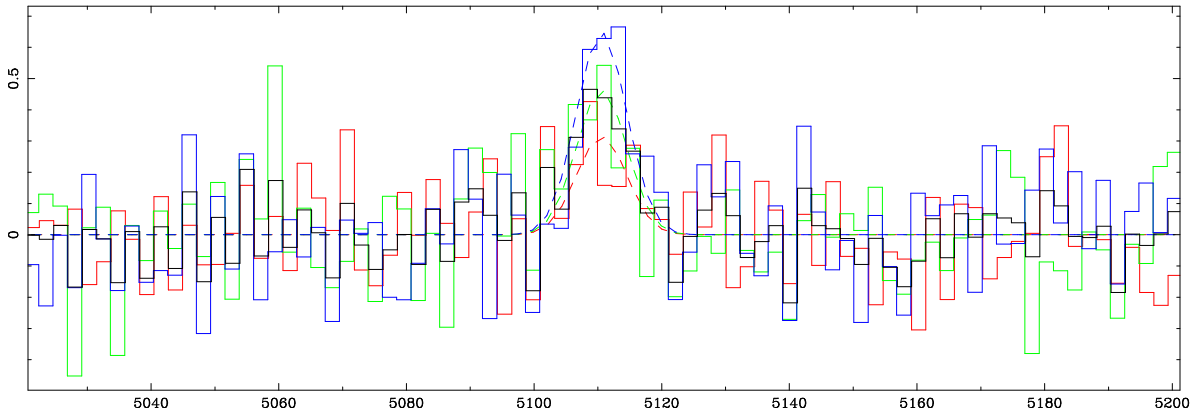
$\lambda_{obs} = 5082.04Å$

$EW_{obs} > 78.78Å$

$\alpha_{2000} = 46.7109°$

$\delta_{2000} = 0.0275°$





$S/N = 8.08$

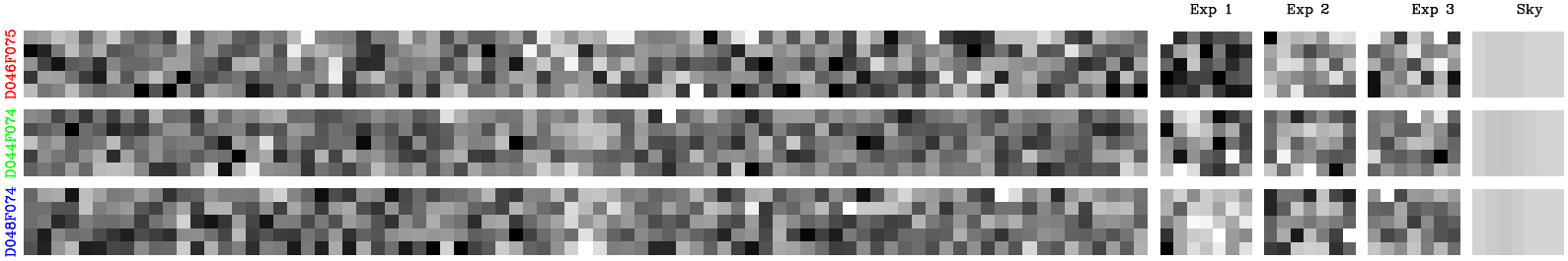
$FWHM_{obs} = 9.30Å$

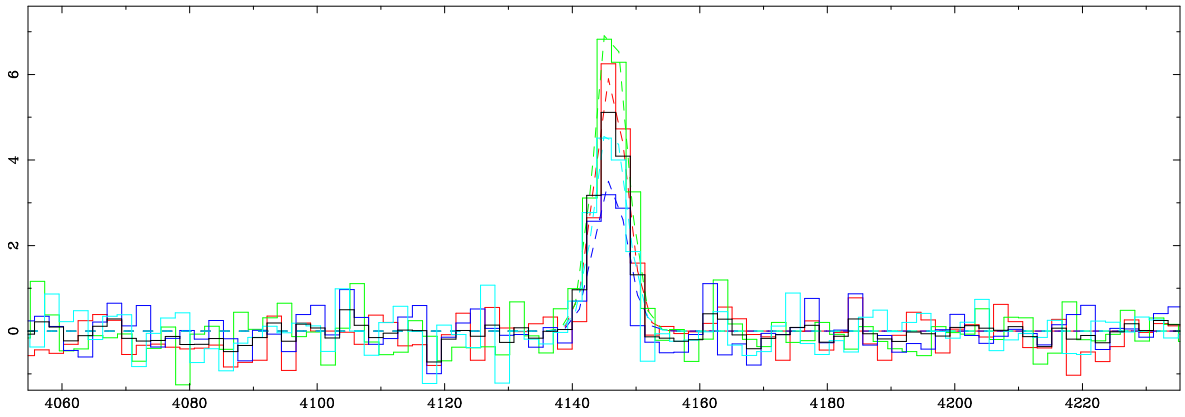
$\lambda_{obs} = 5110.58Å$

$EW_{obs} = 40.68Å$

$\alpha_{2000} = 46.7130°$

$\delta_{2000} = 0.0252°$





$S/N = 30.19$

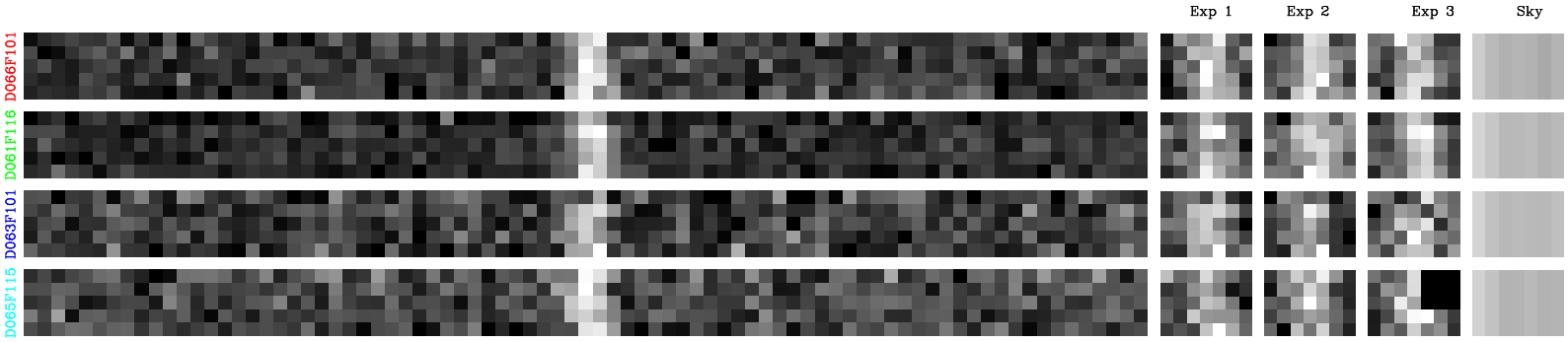
$FWHM_{obs} = 5.86Å$

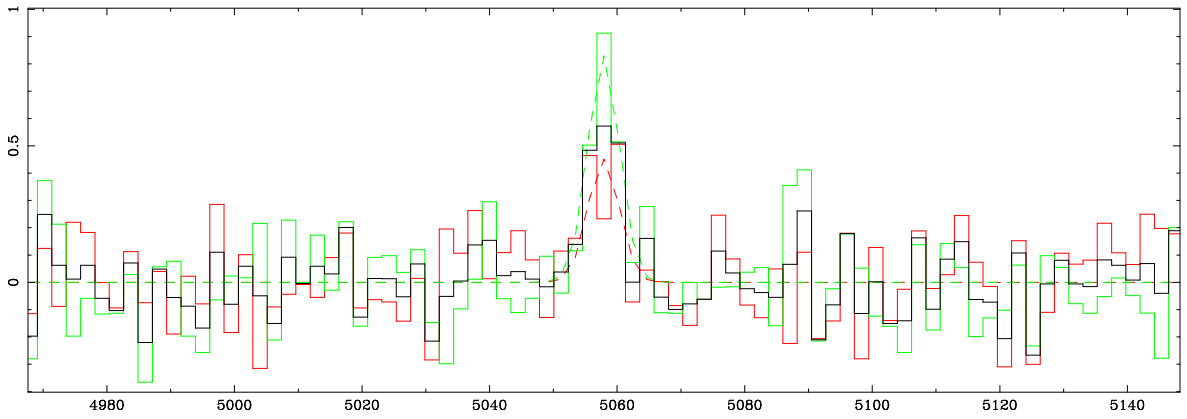
$\lambda_{obs} = 4146.01Å$

$EW_{obs} = 33.35Å$

$\alpha_{2000} = 46.7168°$

$\delta_{2000} = 0.0232°$





$S/N = 7.53$

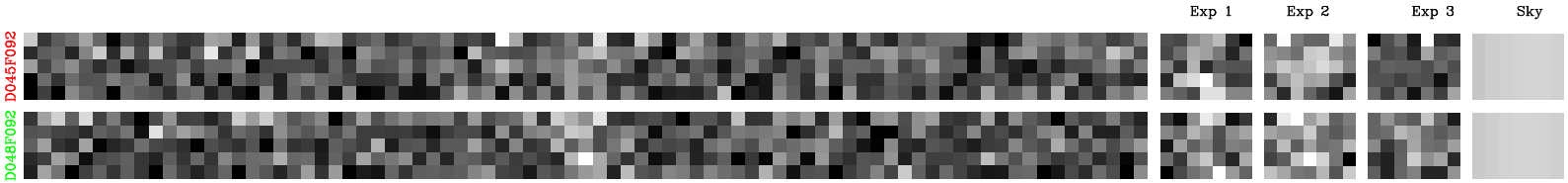
$FWHM_{obs} = 5.84$Å

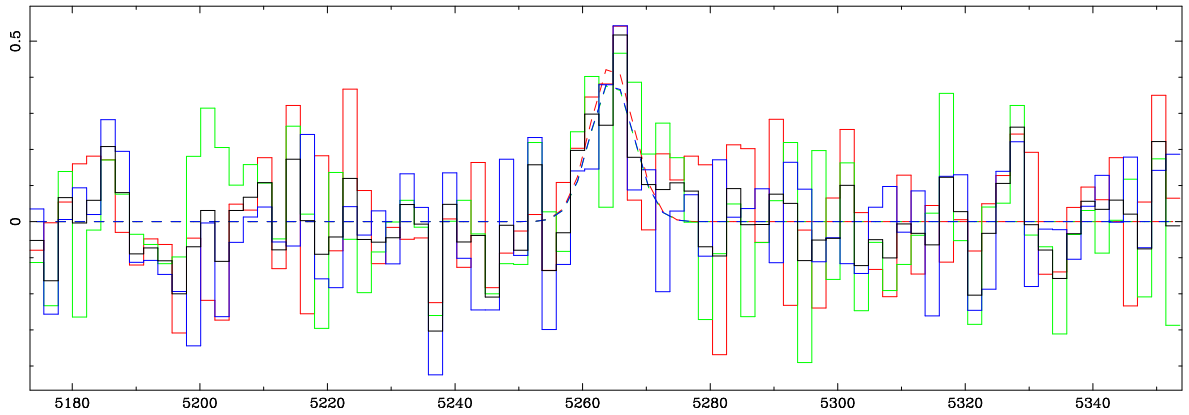
$\lambda_{obs} = 5057.86$Å

$EW_{obs} > 64.66$Å

$\alpha_{2000} = 46.7061°$

$\delta_{2000} = 0.0232°$





$S/N = 7.15$

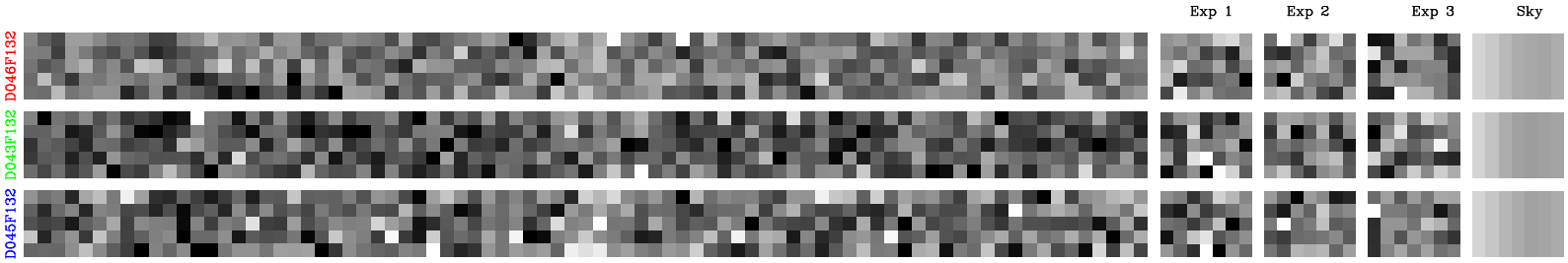
$FWHM_{obs} = 8.03$Å

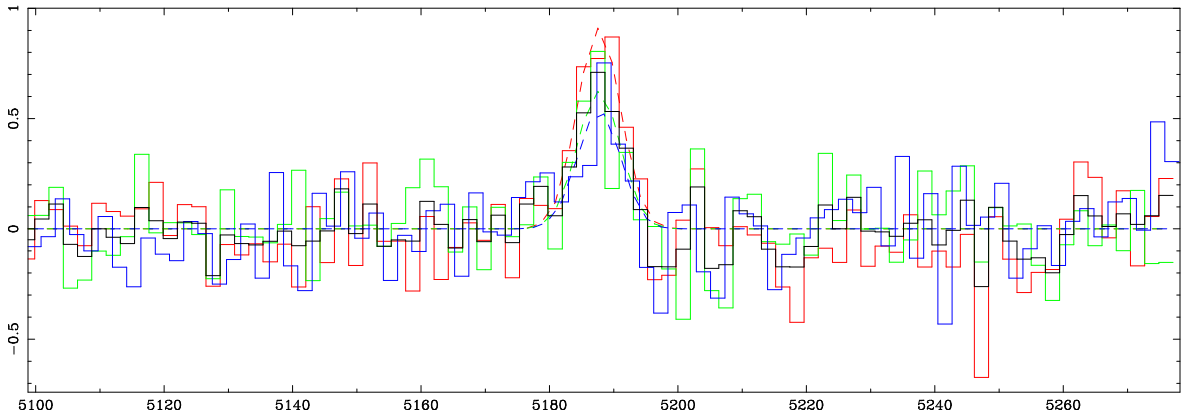
$\lambda_{obs} = 5264.61$Å

$EW_{obs} > 80.69$Å

$\alpha_{2000} = 46.7142°$

$\delta_{2000} = 0.0177°$





S/N = 10.43

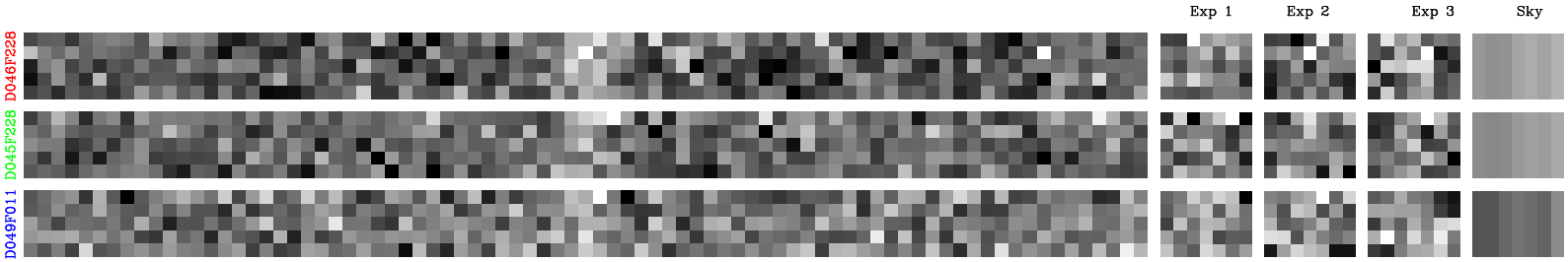
$FWHM_{obs}$ = 7.94Å

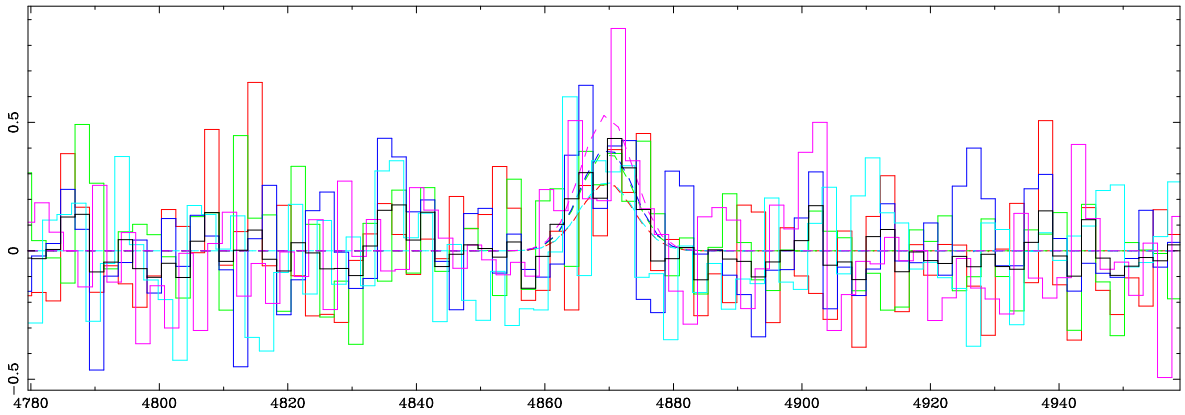
λ_{obs} = 5187.67Å

EW_{obs} = 34.27Å

α_{2000} = 46.6945°

δ_{2000} = 0.0066°





$S/N = 8.34$

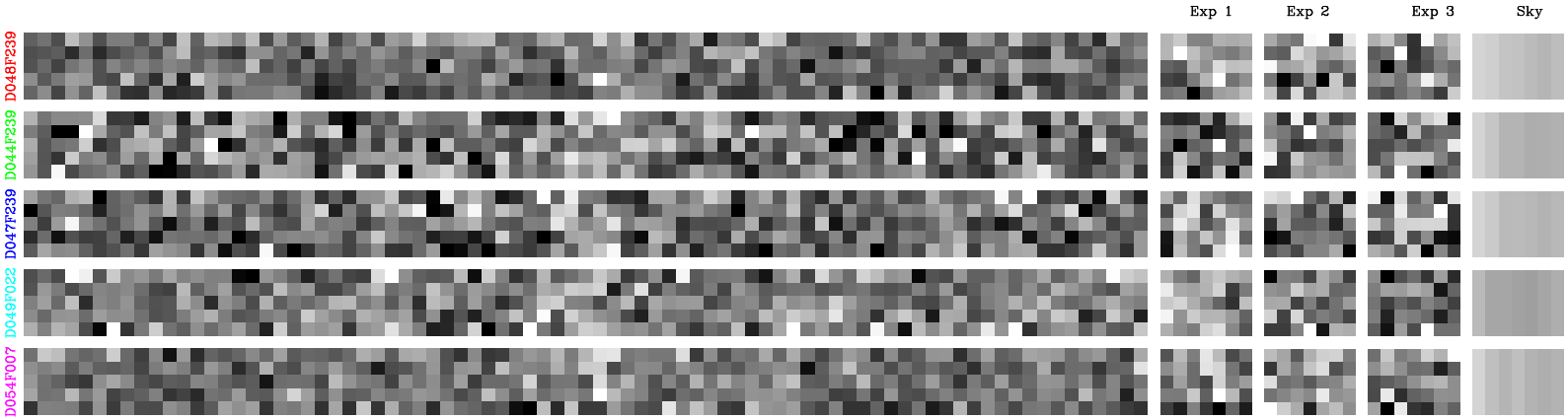
$FWHM_{obs} = 9.58Å$

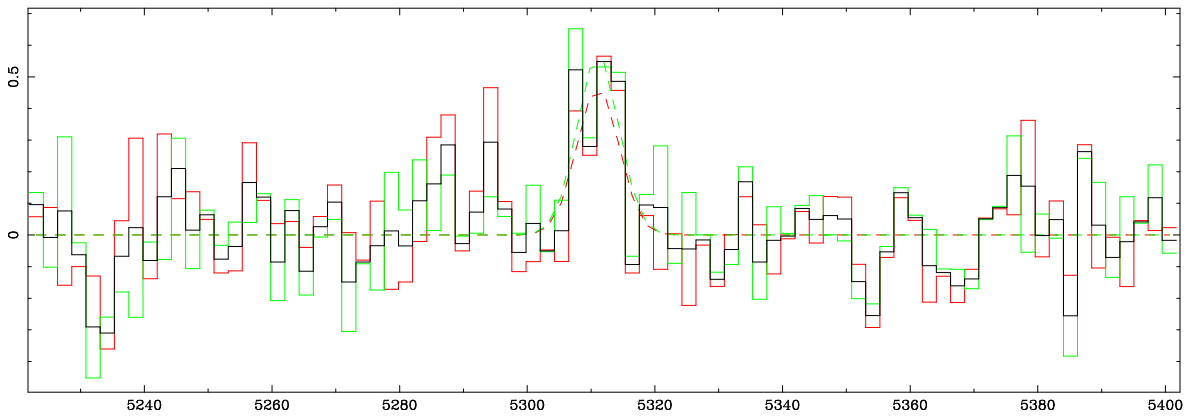
$\lambda_{obs} = 4869.65Å$

$EW_{obs} > 104.28Å$

$\alpha_{2000} = 46.7015°$

$\delta_{2000} = 0.0047°$





$S/N = 6.89$

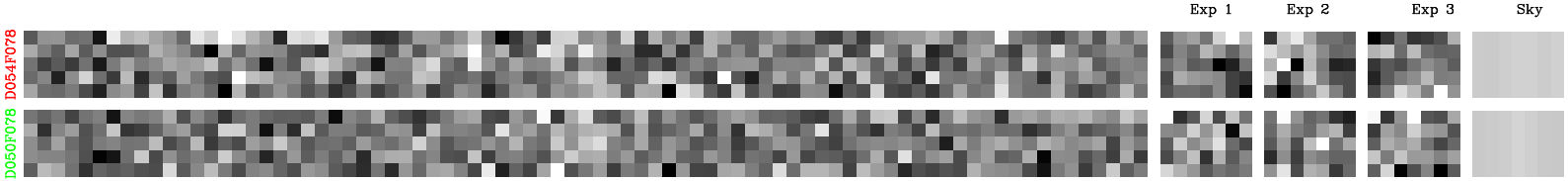
$FWHM_{obs} = 7.72Å$

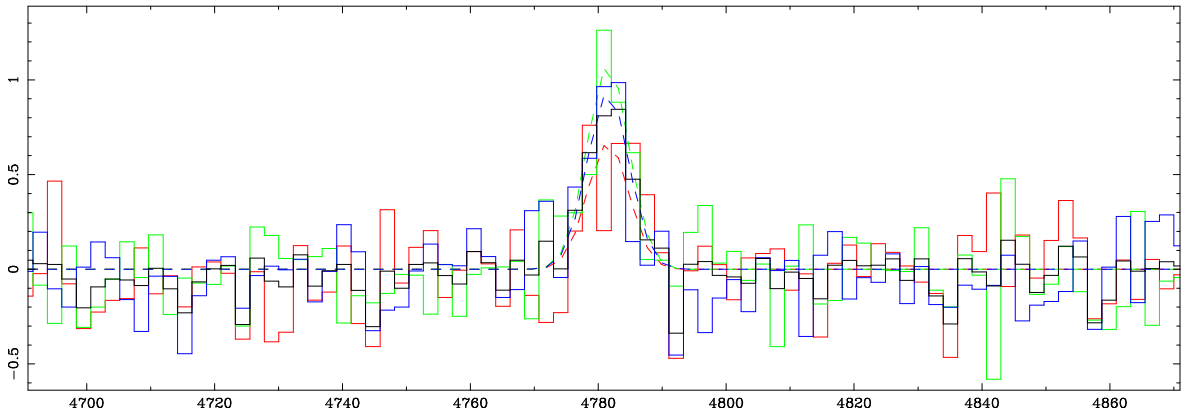
$\lambda_{obs} = 5311.07Å$

$EW_{obs} > 83.41Å$

$\alpha_{2000} = 46.7049°$

$\delta_{2000} = -0.0042°$





$S/N = 11.61$

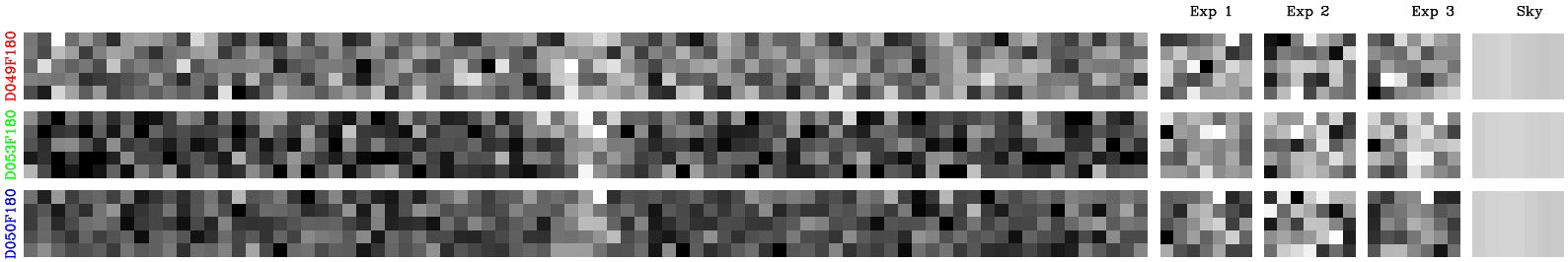
$FWHM_{obs} = 7.69Å$

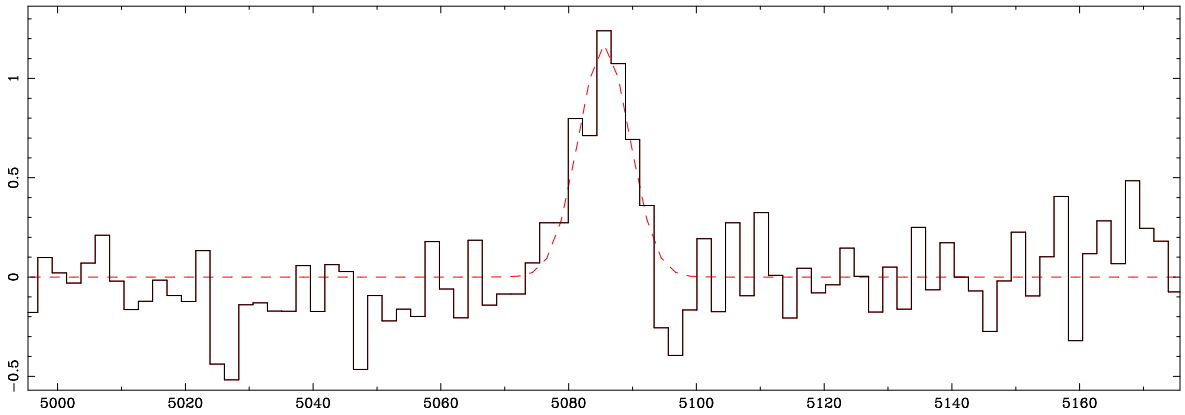
$\lambda_{obs} = 4781.53Å$

$EW_{obs} = 76.29Å$

$\alpha_{2000} = 46.7039°$

$\delta_{2000} = -0.0170°$





S/N = 9.41

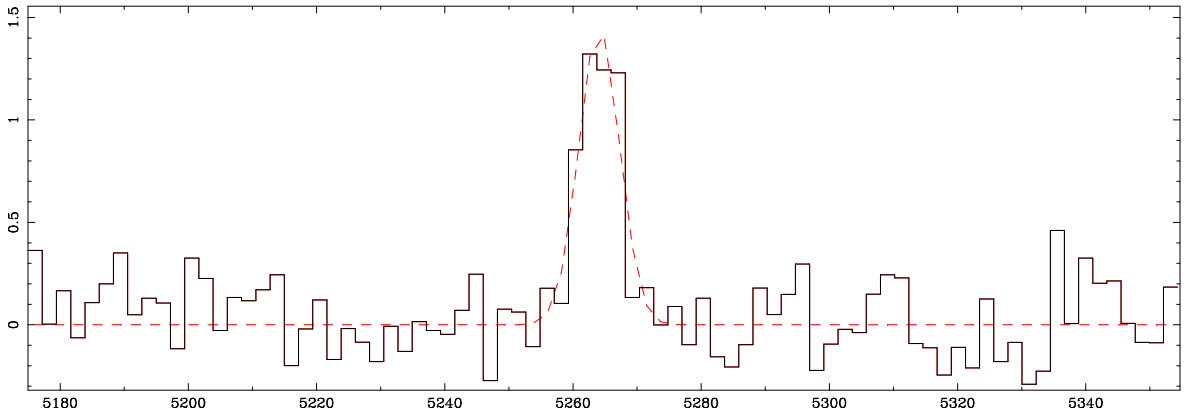
$FWHM_{obs}$ = 9.41Å

λ_{obs} = 5085.56Å

EW_{obs} = 18.08Å

α_{2000} = 46.7036°

δ_{2000} = −0.0161°



$S/N = 12.57$

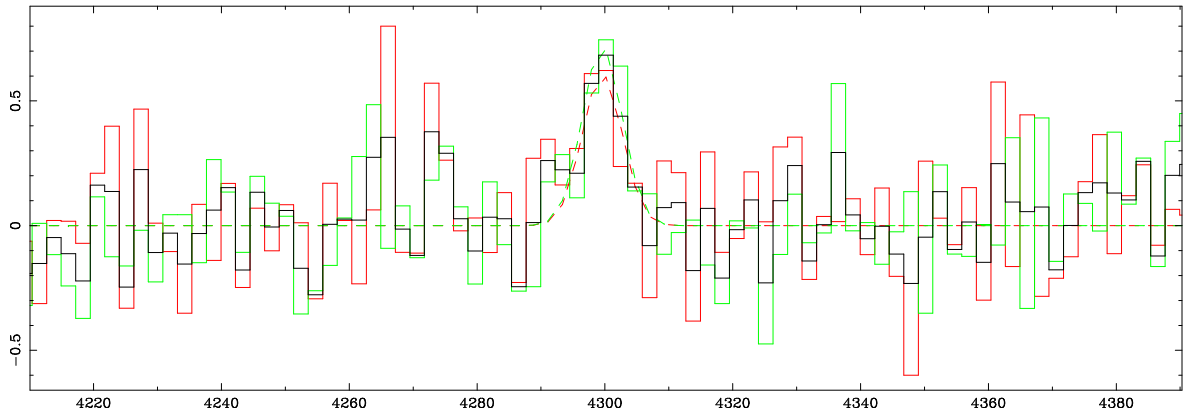
$FWHM_{obs} = 7.44$Å

$\lambda_{obs} = 5264.08$Å

$EW_{obs} = 82.89$Å

$\alpha_{2000} = 46.7103°$

$\delta_{2000} = -0.0219°$



$S/N = 5.39$

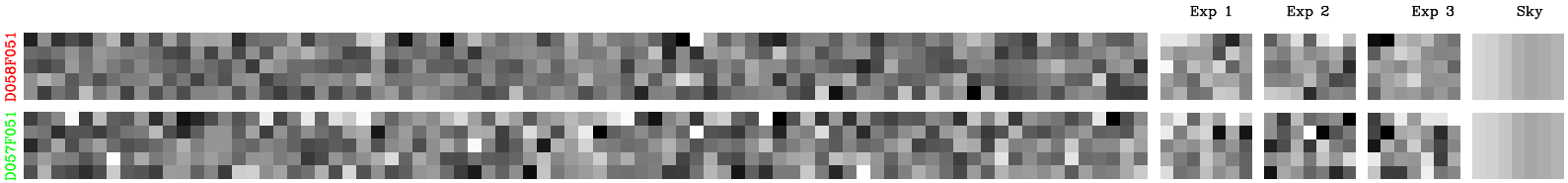
$FWHM_{obs} = 7.38Å$

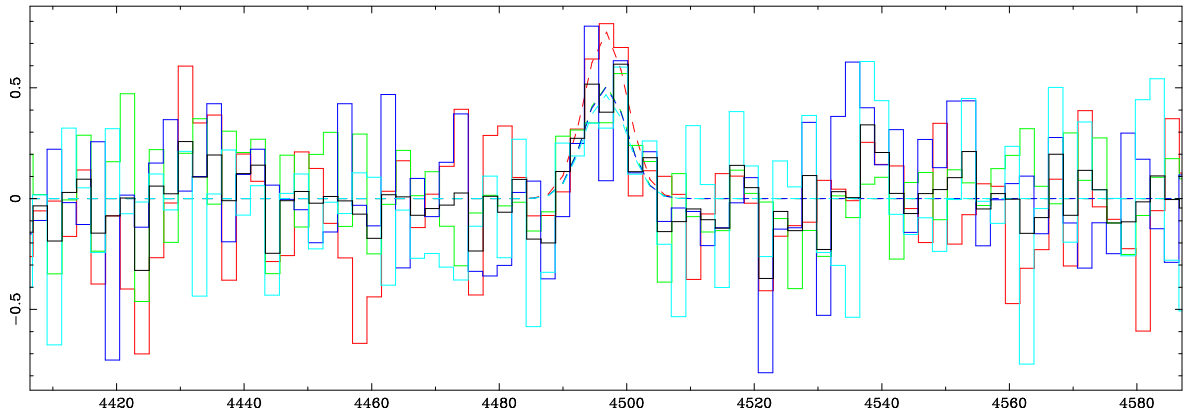
$\lambda_{obs} = 4299.57Å$

$EW_{obs} > 61.57Å$

$\alpha_{2000} = 46.7313°$

$\delta_{2000} = 0.0593°$





$S/N = 6.90$

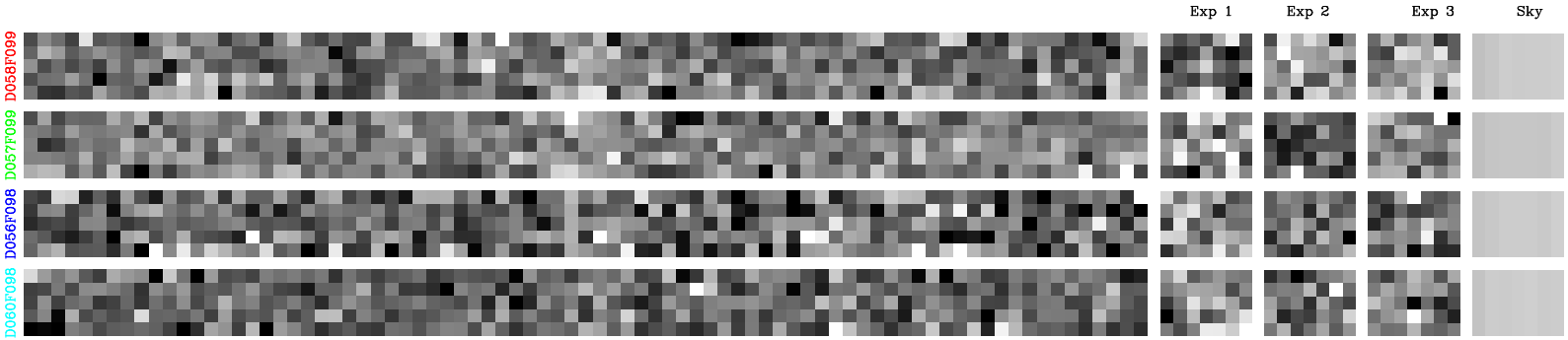
$FWHM_{obs} = 7.90$Å

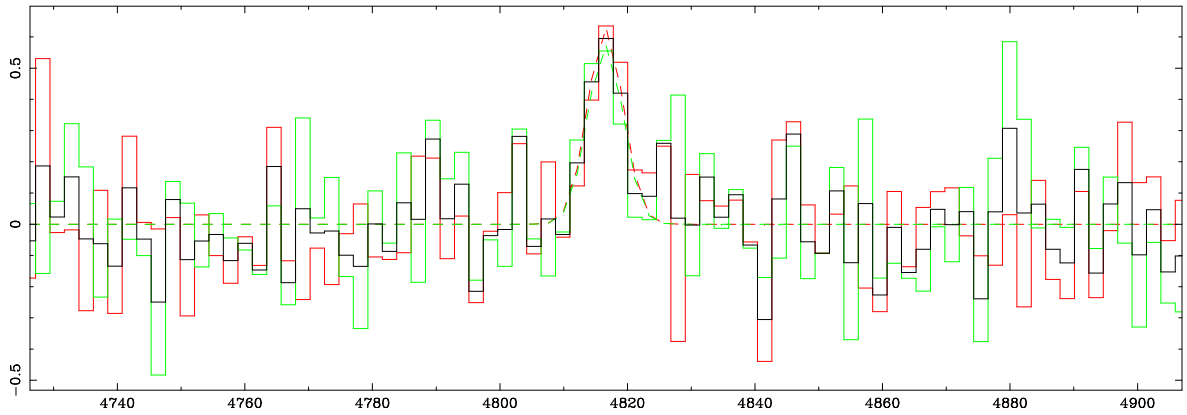
$\lambda_{obs} = 4496.68$Å

$EW_{obs} > 76.02$Å

$\alpha_{2000} = 46.7220°$

$\delta_{2000} = 0.0538°$





$S/N = 5.59$

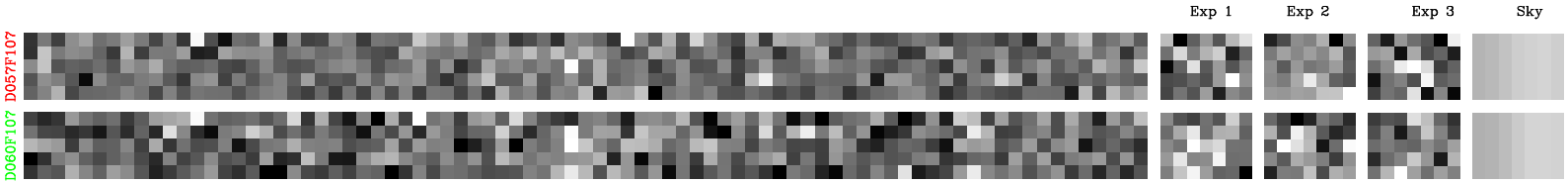
$FWHM_{obs} = 6.56Å$

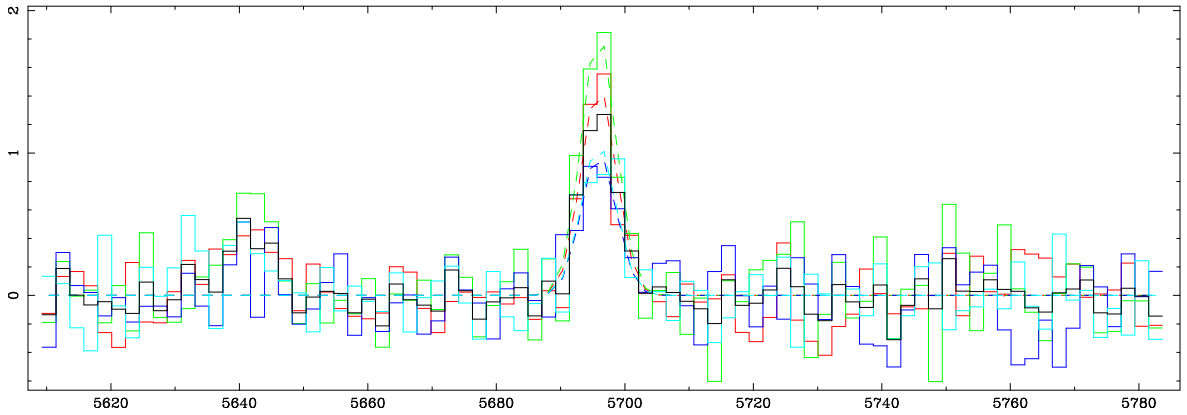
$\lambda_{obs} = 4816.54Å$

$EW_{obs} > 52.35Å$

$\alpha_{2000} = 46.7351°$

$\delta_{2000} = 0.0514°$





$S/N = 15.81$

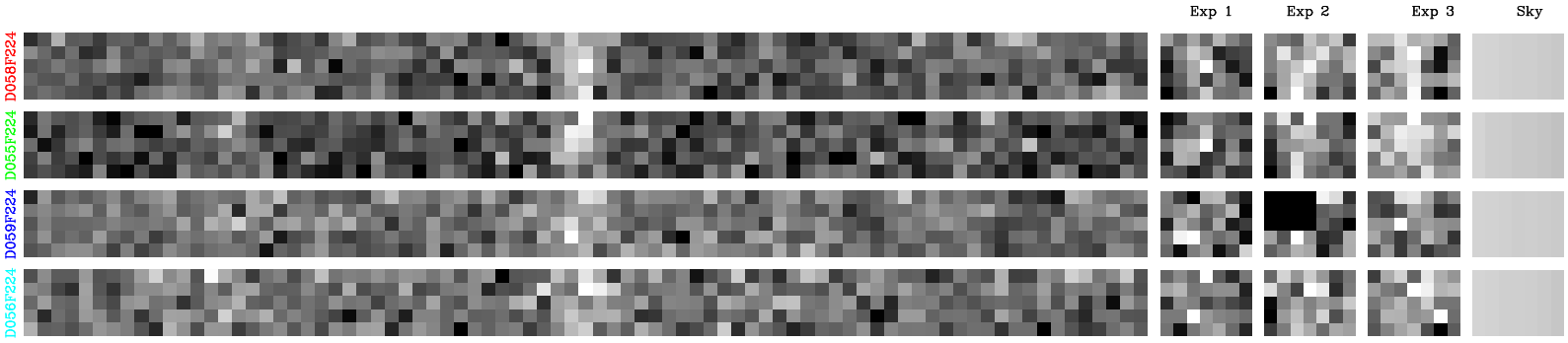
$FWHM_{obs} = 6.41Å$

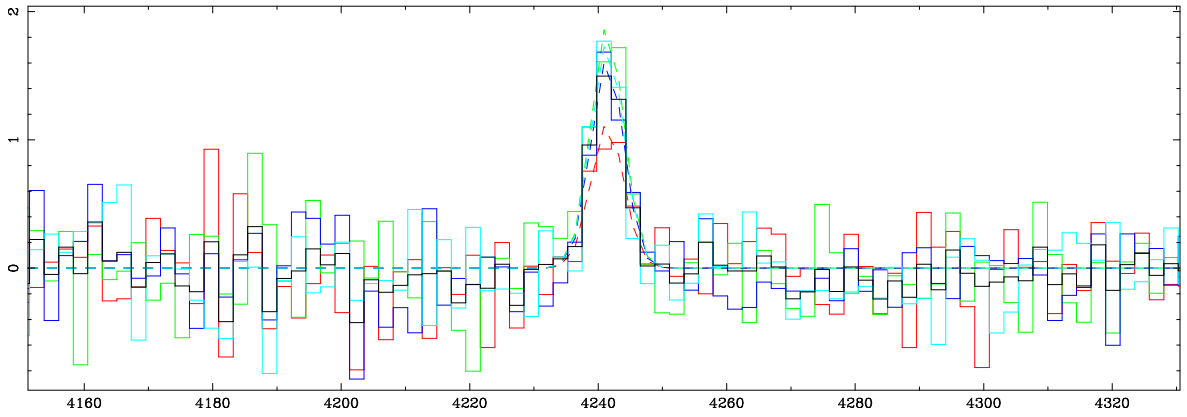
$\lambda_{obs} = 5695.92Å$

$EW_{obs} = 61.41Å$

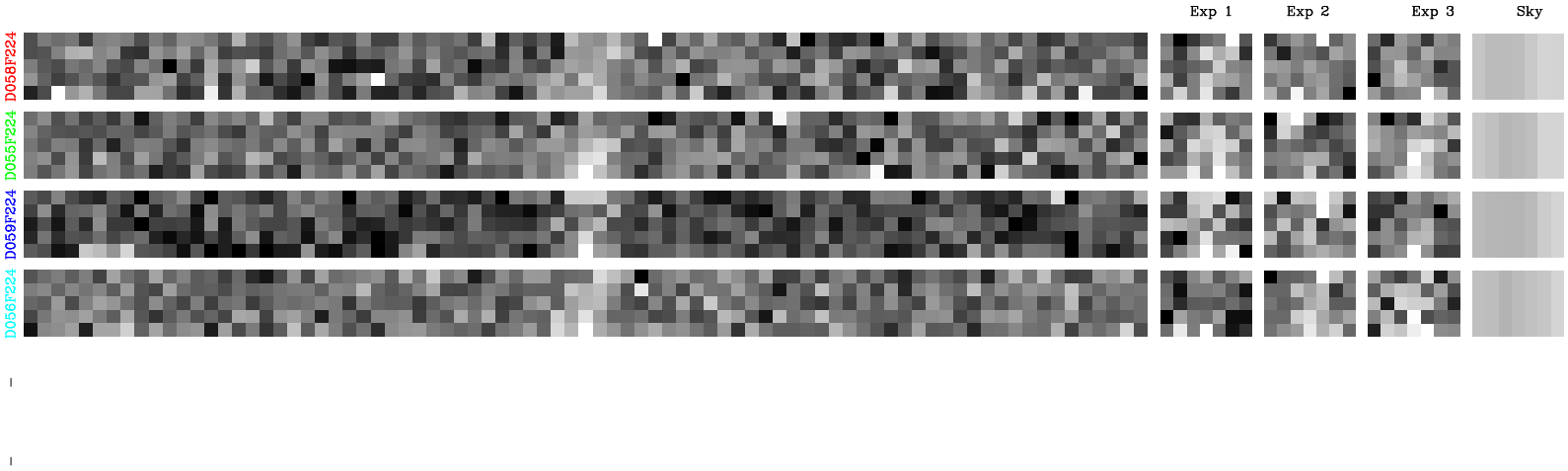
$\alpha_{2000} = 46.7328°$

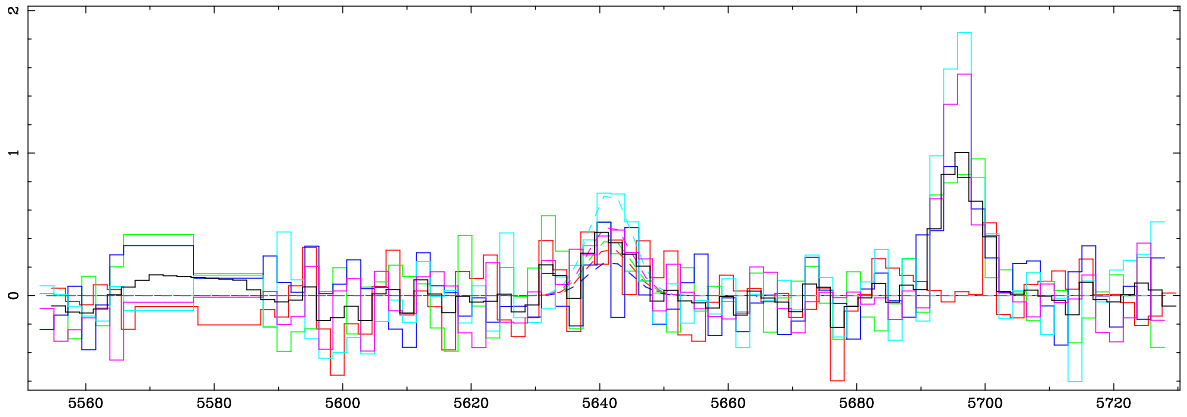
$\delta_{2000} = 0.0369°$





S/N = 12.66
$FWHM_{obs}$ = 6.00Å
λ_{obs} = 4241.40Å
EW_{obs} = 58.57Å
α_{2000} = 46.7325°
δ_{2000} = 0.0371°





$S/N = 7.54$

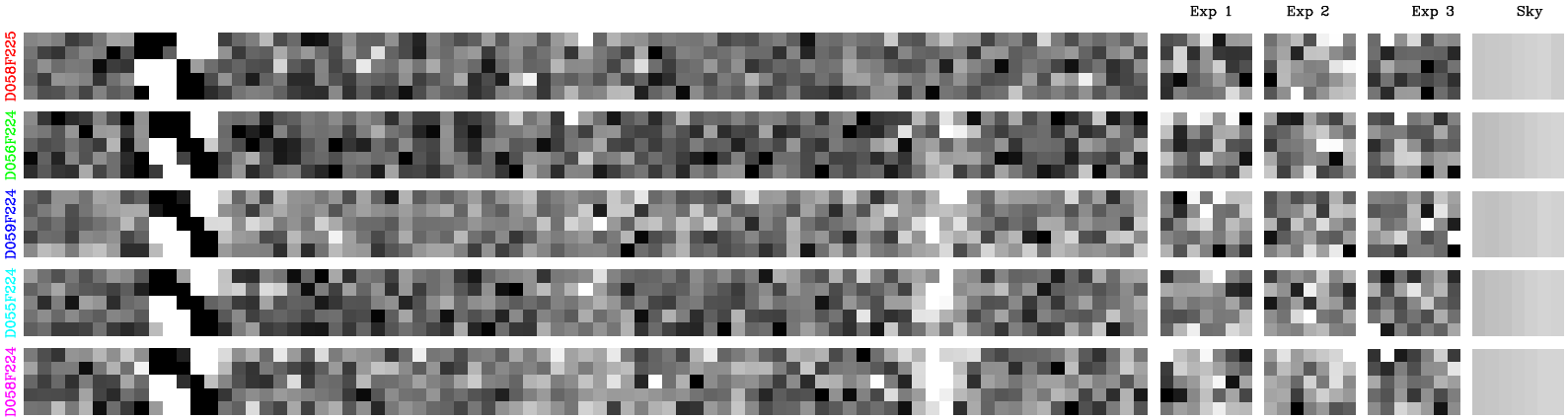
$FWHM_{obs} = 7.96$Å

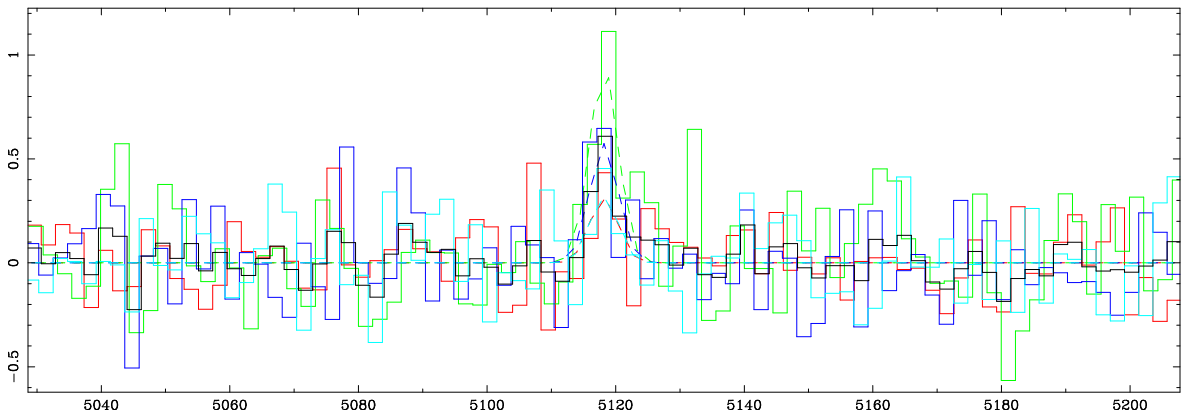
$\lambda_{obs} = 5641.59$Å

$EW_{obs} = 27.55$Å

$\alpha_{2000} = 46.7326°$

$\delta_{2000} = 0.0369°$





S/N = 6.11

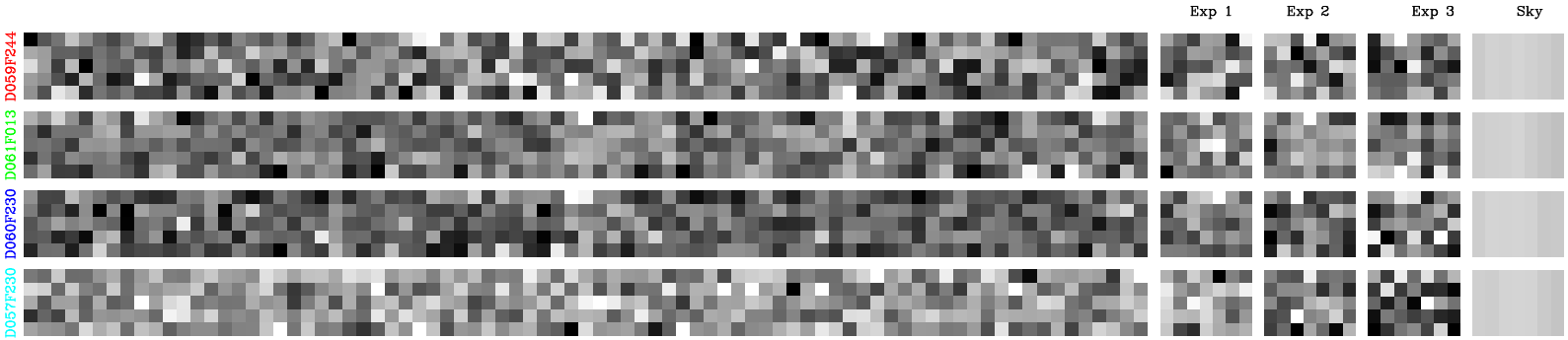
$FWHM_{obs}$ = 5.21Å

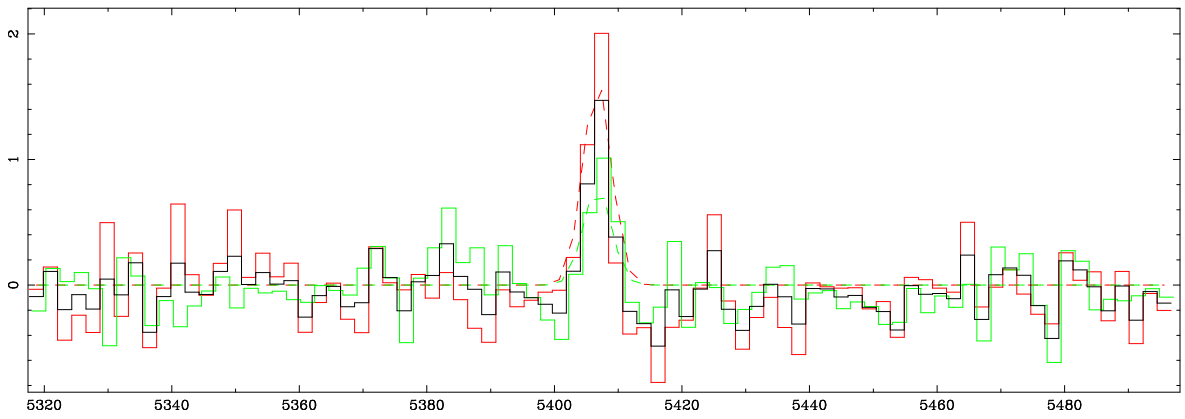
λ_{obs} = 5118.17Å

EW_{obs} > 57.84Å

α_{2000} = 46.7197°

δ_{2000} = 0.0359°





S/N = 7.54

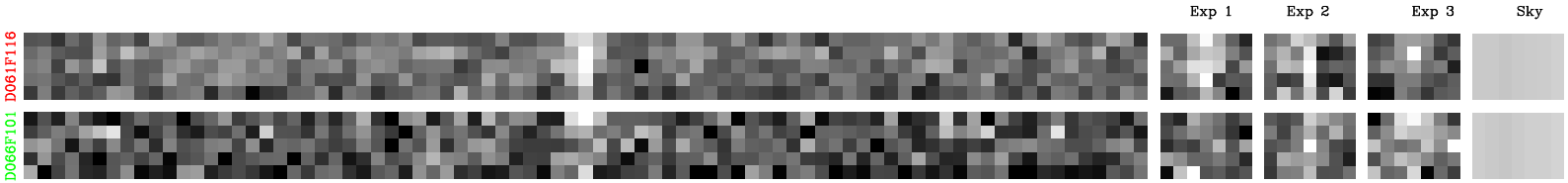
$FWHM_{obs}$ = 5.20Å

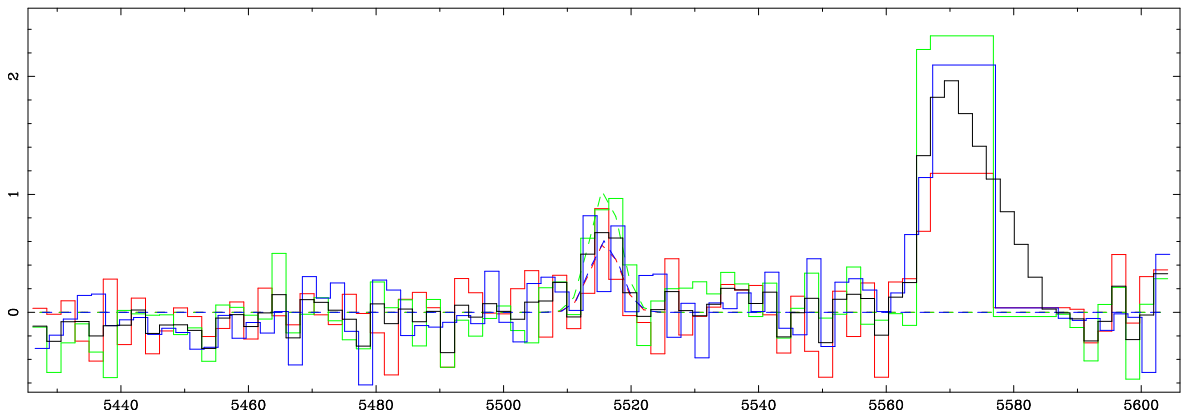
λ_{obs} = 5406.72Å

EW_{obs} = 5.18Å

α_{2000} = 46.7163°

δ_{2000} = 0.0229°





$S/N = 6.26$

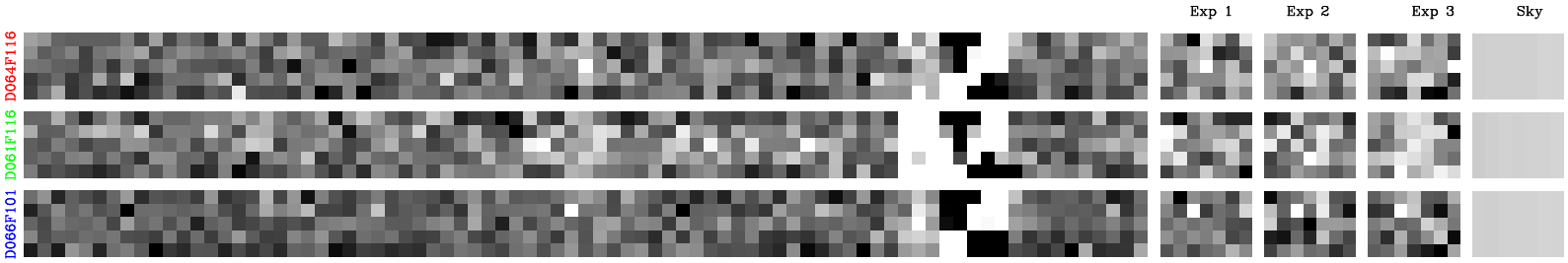
$FWHM_{obs} = 5.58Å$

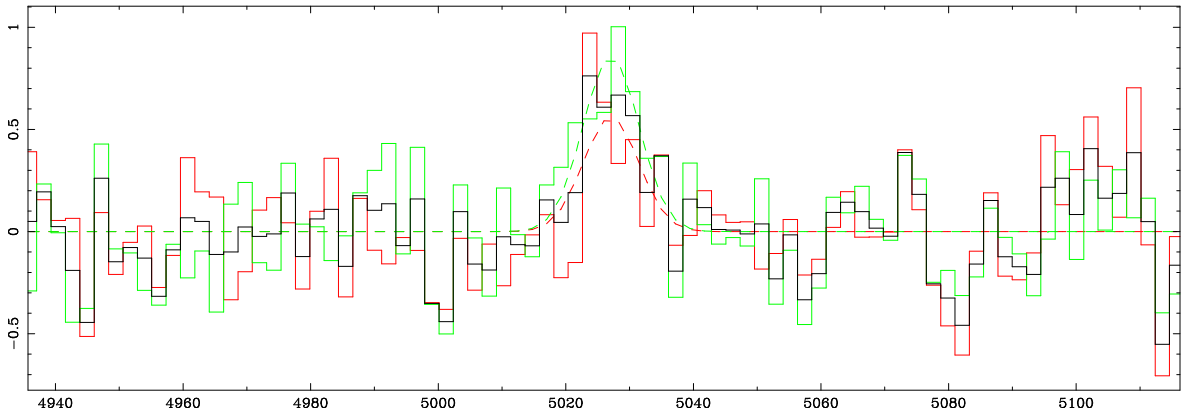
$\lambda_{obs} = 5515.90Å$

$EW_{obs} = 4.62Å$

$\alpha_{2000} = 46.7163°$

$\delta_{2000} = 0.0227°$





S/N = 8.08

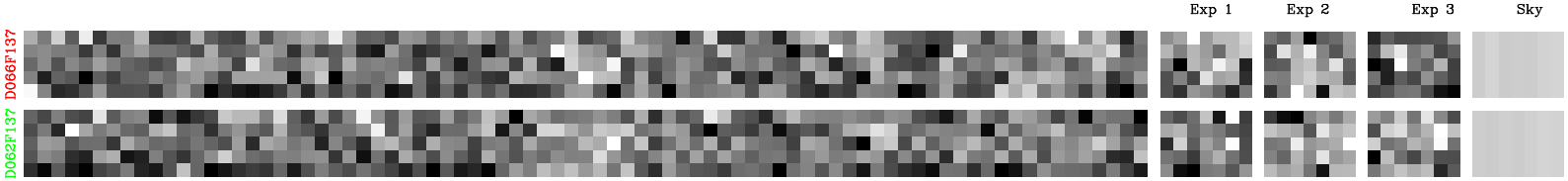
$FWHM_{obs}$ = 10.26Å

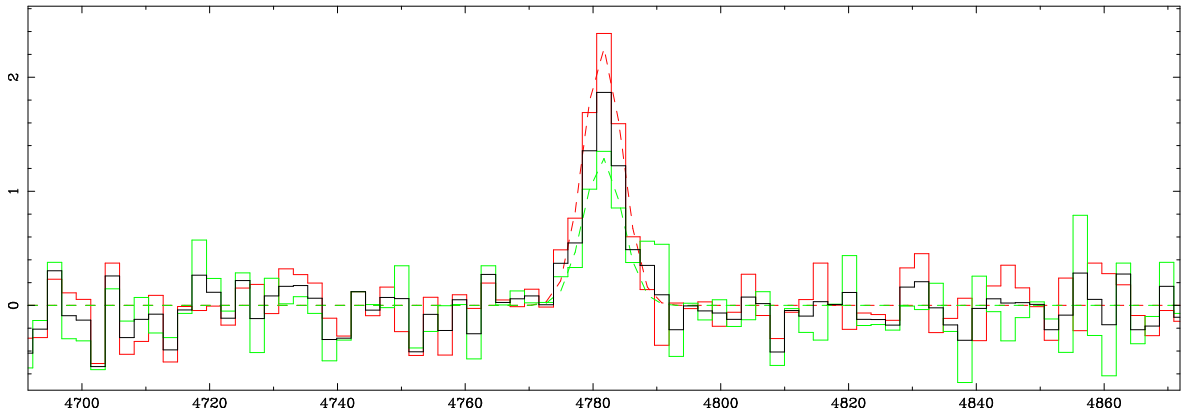
λ_{obs} = 5027.09Å

EW_{obs} = 21.67Å

α_{2000} = 46.7325°

δ_{2000} = 0.0178°





S/N = 13.00

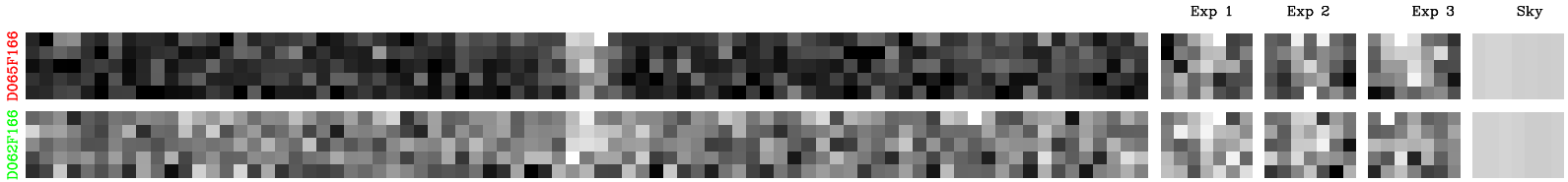
$FWHM_{obs}$ = 7.15Å

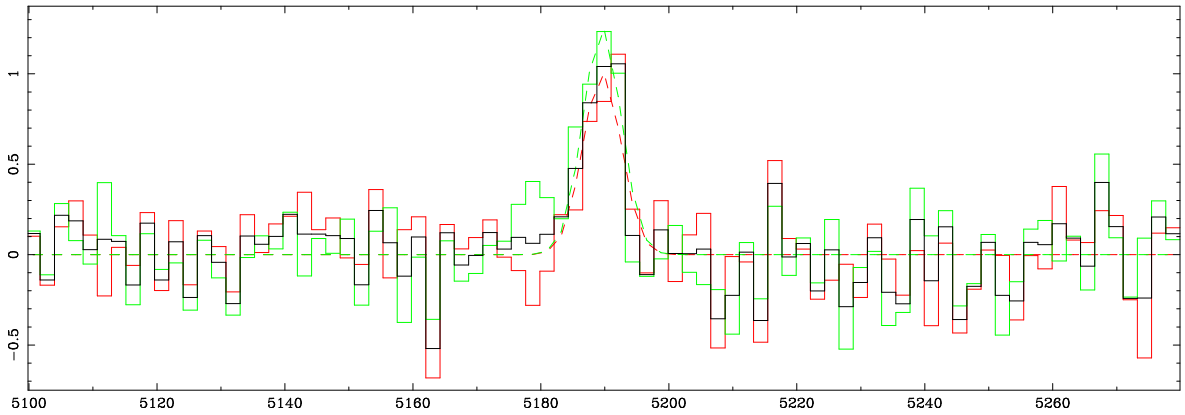
λ_{obs} = 4781.53Å

EW_{obs} = 37.31Å

α_{2000} = 46.7326°

δ_{2000} = 0.0145°





S/N = 10.25

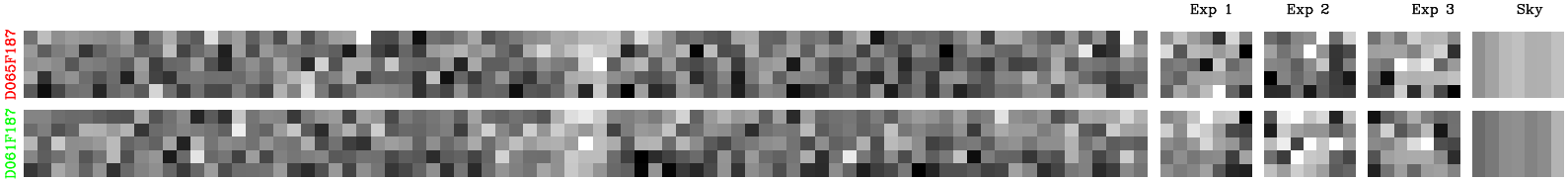
$FWHM_{obs}$ = 7.01Å

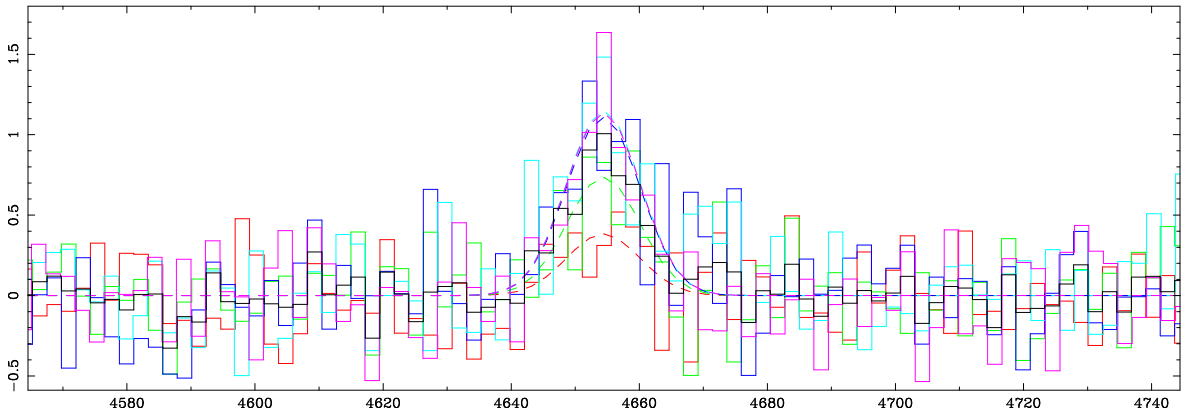
λ_{obs} = 5189.56Å

EW_{obs} = 33.95Å

α_{2000} = 46.7190°

δ_{2000} = 0.0132°





$S/N = 14.16$

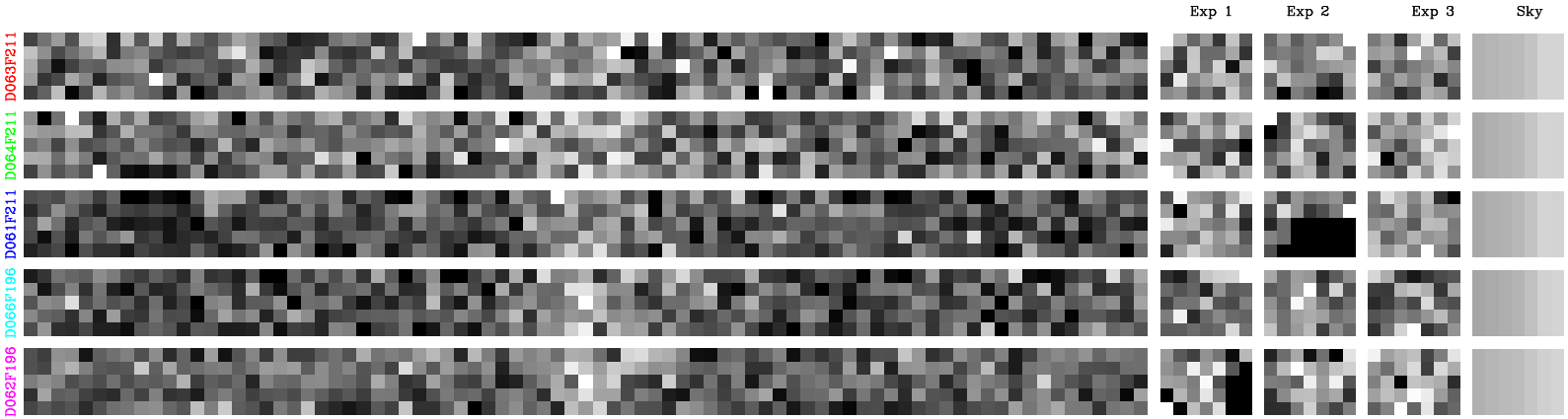
$FWHM_{obs} = 13.57Å$

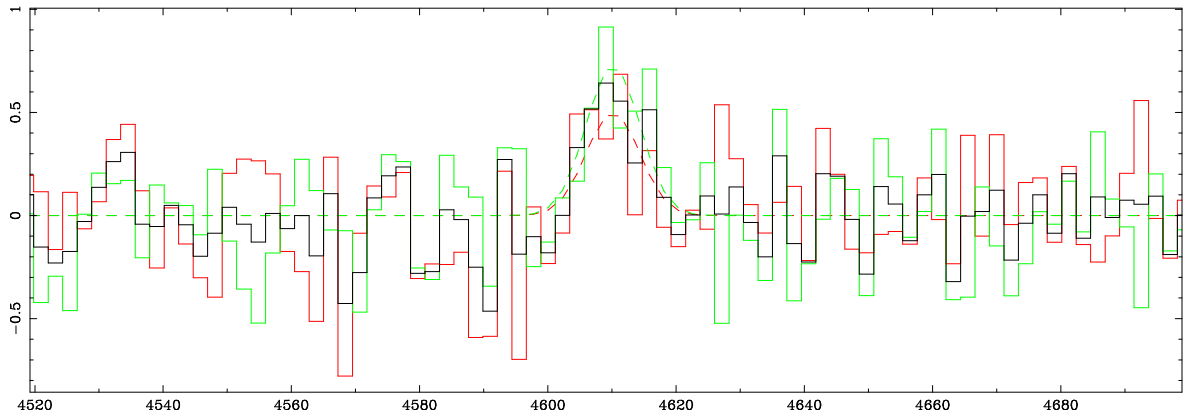
$\lambda_{obs} = 4654.38Å$

$EW_{obs} > 253.75Å$

$\alpha_{2000} = 46.7302°$

$\delta_{2000} = 0.0094°$





S/N = 5.69

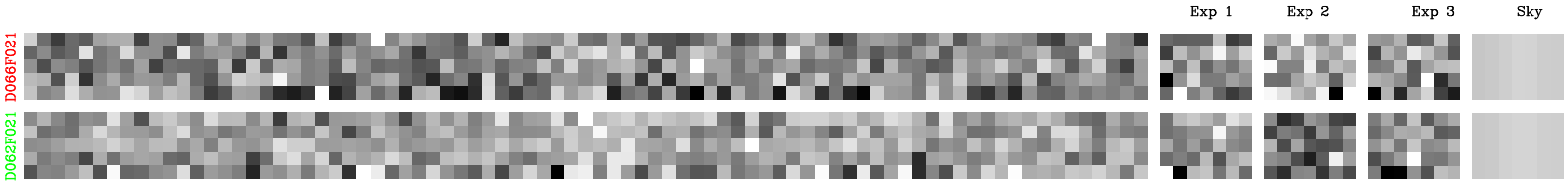
$FWHM_{obs}$ = 9.79Å

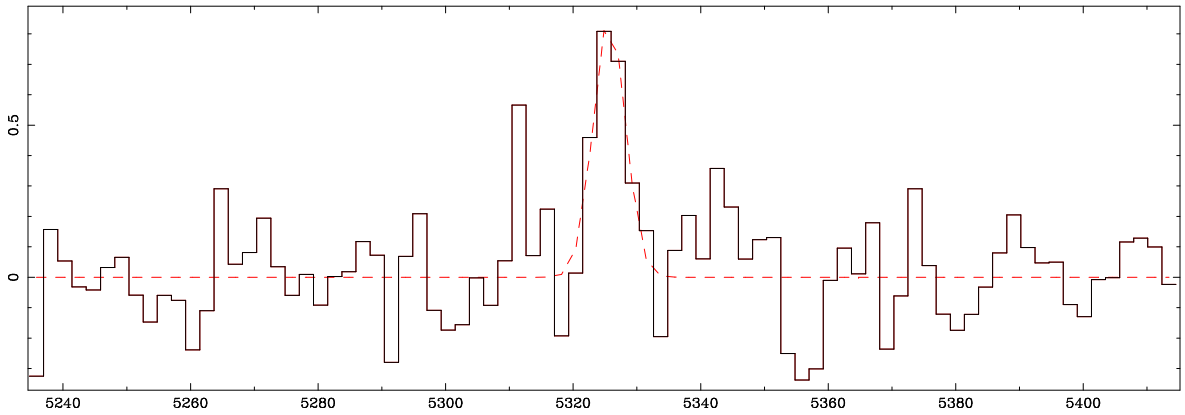
λ_{obs} = 4610.15Å

EW_{obs} = 31.95Å

α_{2000} = 46.7327°

δ_{2000} = 0.0330°





$S/N = 6.86$

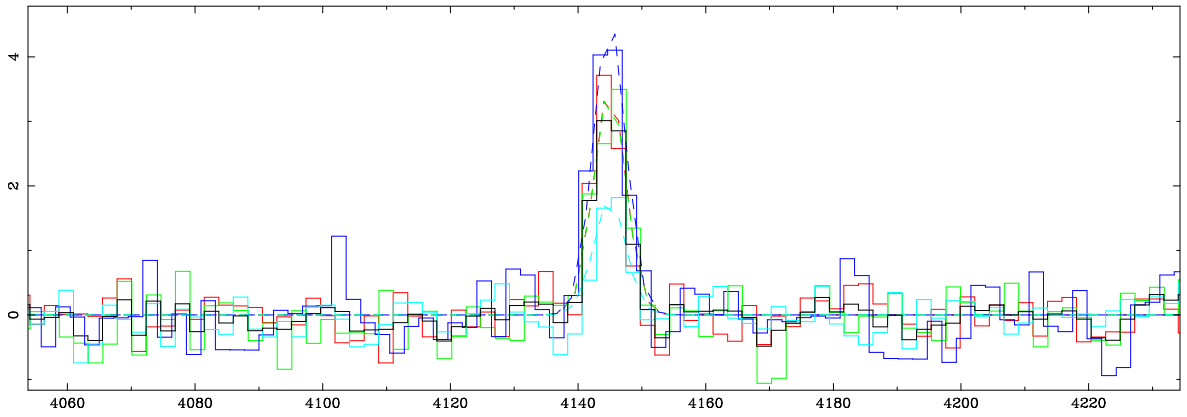
$FWHM_{obs} = 5.88$Å

$\lambda_{obs} = 5325.67$Å

$EW_{obs} > 76.18$Å

$\alpha_{2000} = 46.7326°$

$\delta_{2000} = -0.0064°$



$S/N = 20.46$

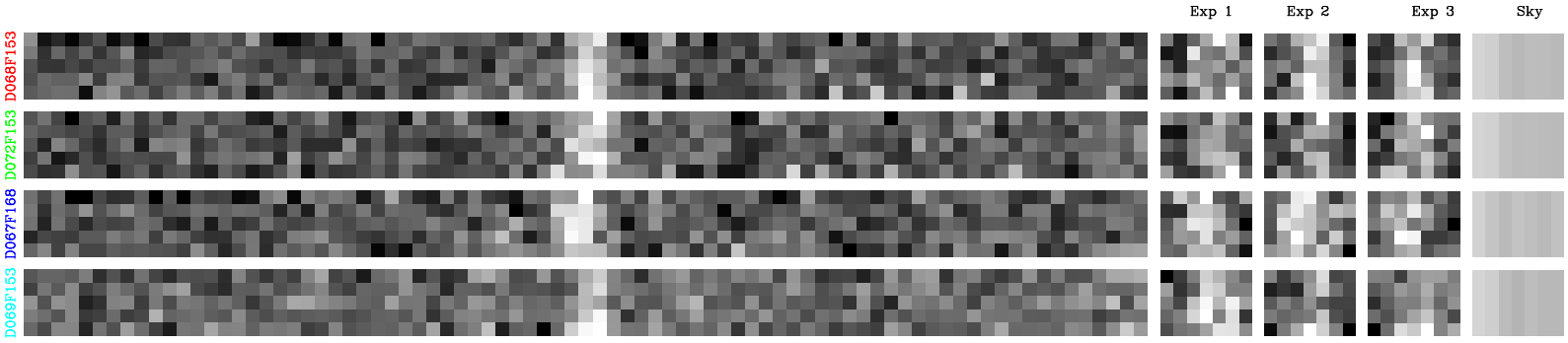
$FWHM_{obs} = 5.91Å$

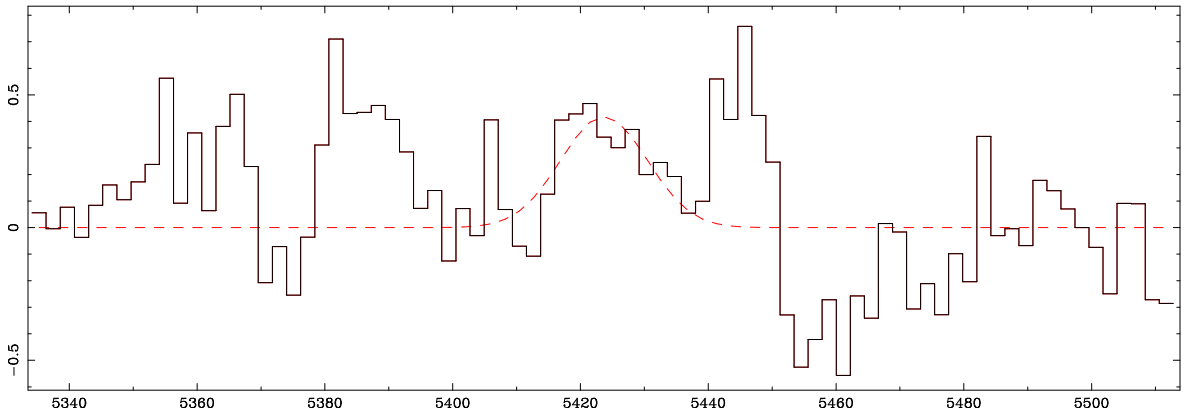
$\lambda_{obs} = 4144.94Å$

$EW_{obs} = 29.12Å$

$\alpha_{2000} = 46.7296°$

$\delta_{2000} = -0.0140°$





$S/N = 5.28$

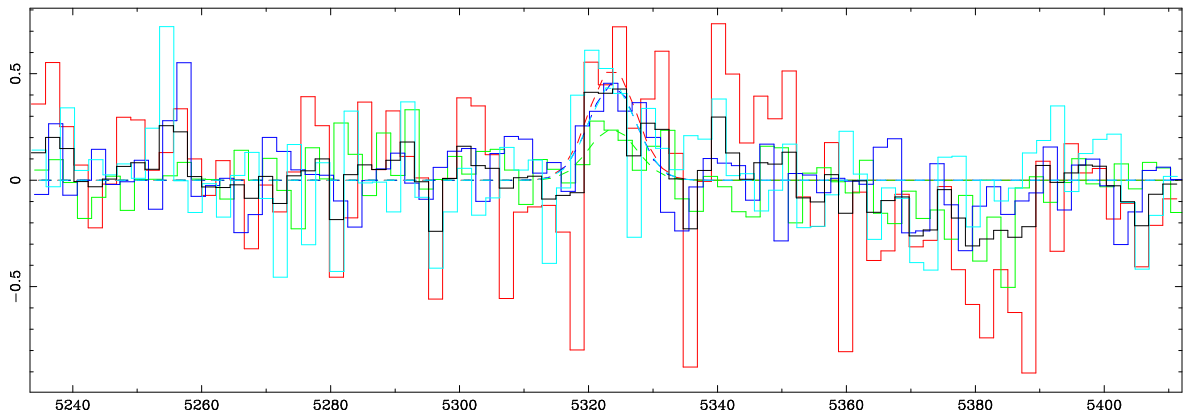
$FWHM_{obs} = 16.00$Å

$\lambda_{obs} = 5423.68$Å

$EW_{obs} = 5.66$Å

$\alpha_{2000} = 46.7271°$

$\delta_{2000} = -0.0159°$



$S/N = 6.08$

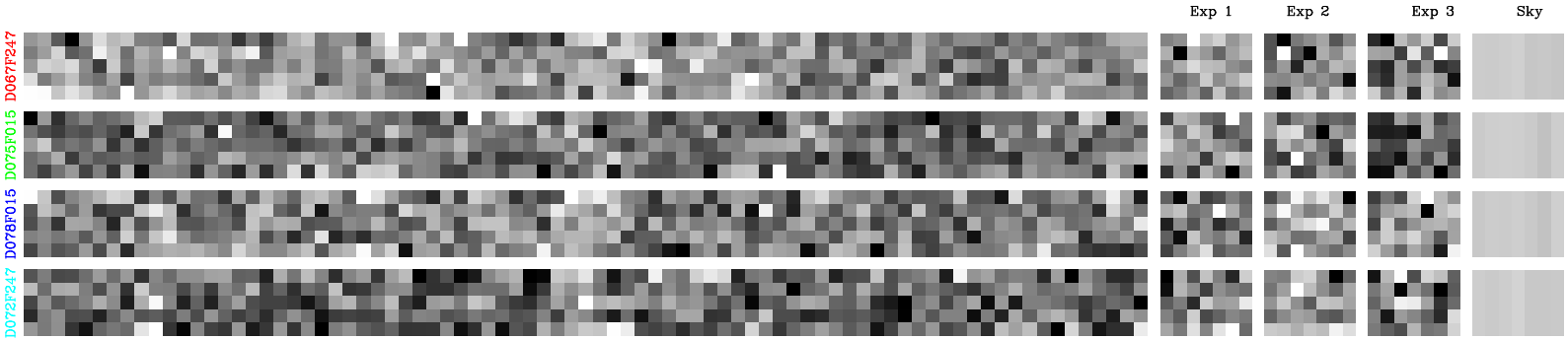
$FWHM_{obs} = 8.55Å$

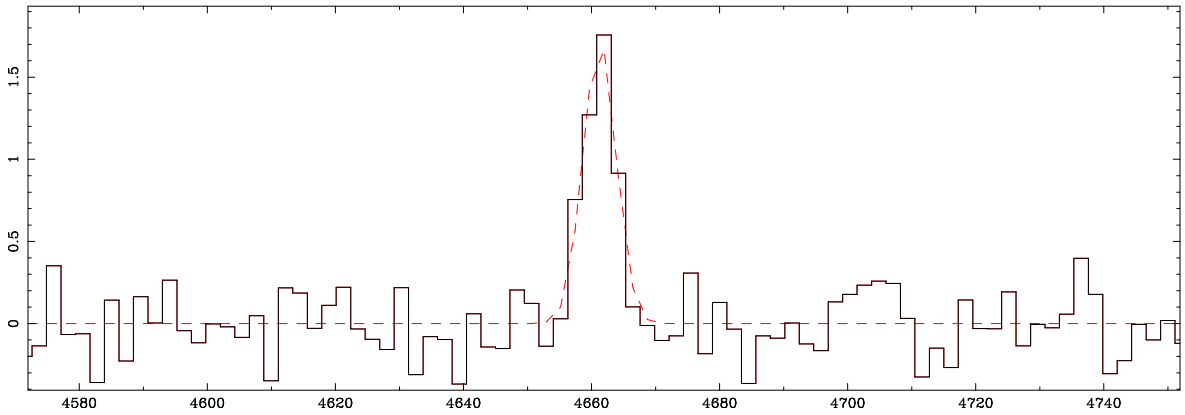
$\lambda_{obs} = 5323.71Å$

$EW_{obs} = 6.31Å$

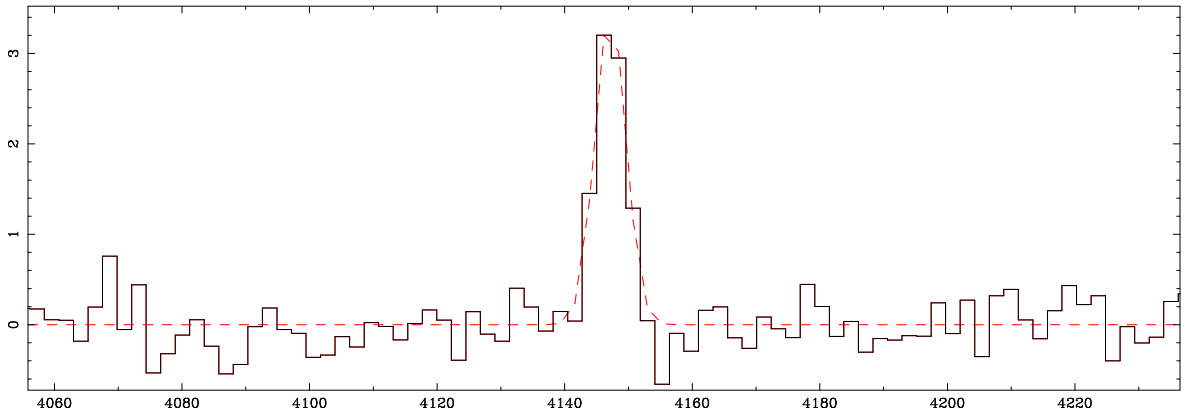
$\alpha_{2000} = 46.7147°$

$\delta_{2000} = -0.0247°$





S/N = 11.20
$FWHM_{obs}$ = 6.02Å
λ_{obs} = 4661.25Å
EW_{obs} = 61.71Å
α_{2000} = 46.7393°
δ_{2000} = 0.0009°



S/N = 15.58

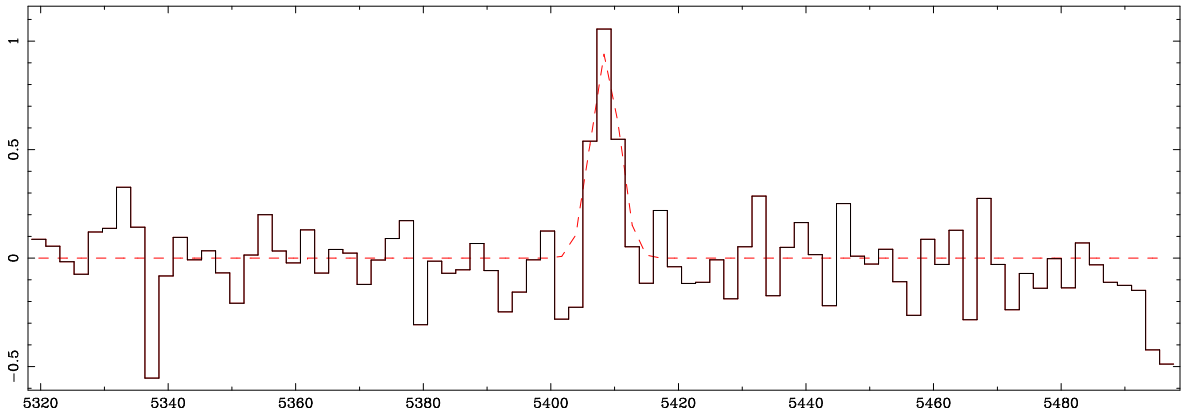
$FWHM_{obs}$ = 5.64Å

λ_{obs} = 4147.16Å

EW_{obs} = 29.10Å

α_{2000} = 46.7316°

δ_{2000} = −0.0121°



S/N = 5.77

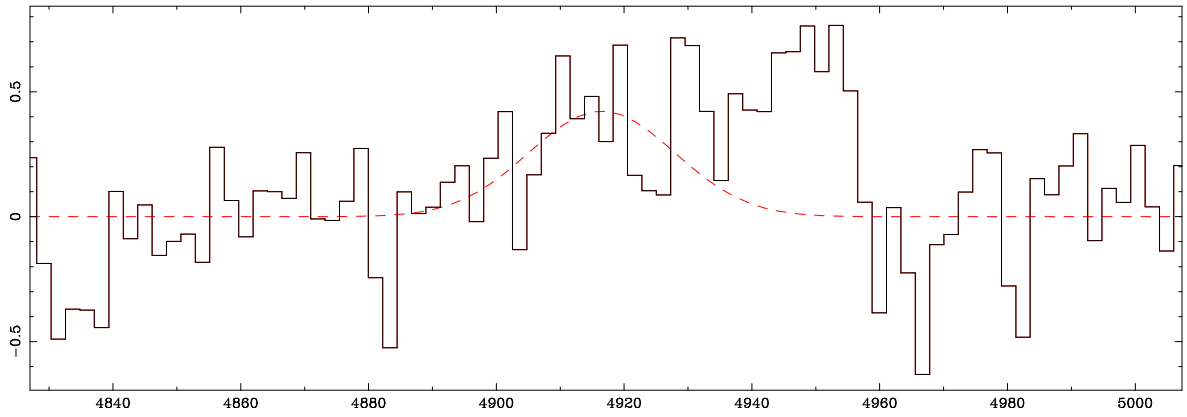
$FWHM_{obs}$ = 5.20Å

λ_{obs} = 5408.52Å

EW_{obs} = 5.83Å

α_{2000} = 46.7314°

δ_{2000} = −0.0122°



$S/N = 5.93$

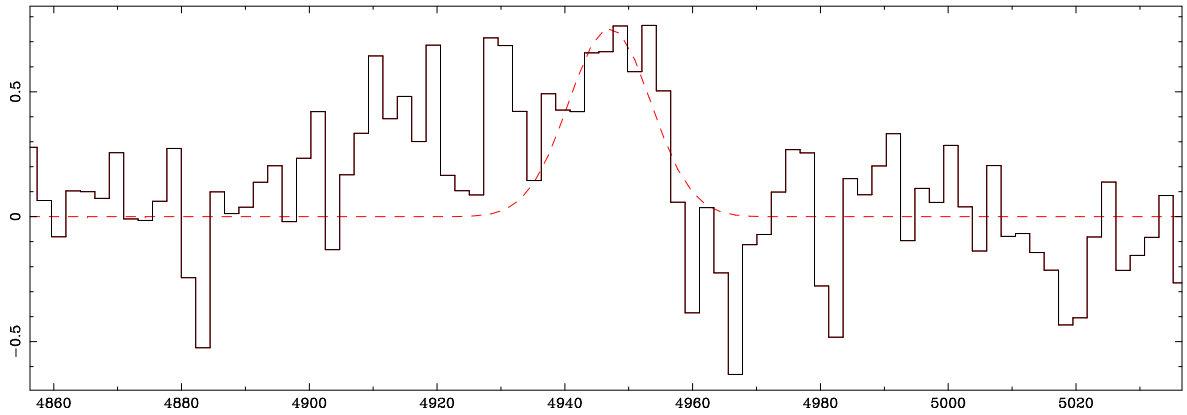
$FWHM_{obs} = 26.85Å$

$\lambda_{obs} = 4916.50Å$

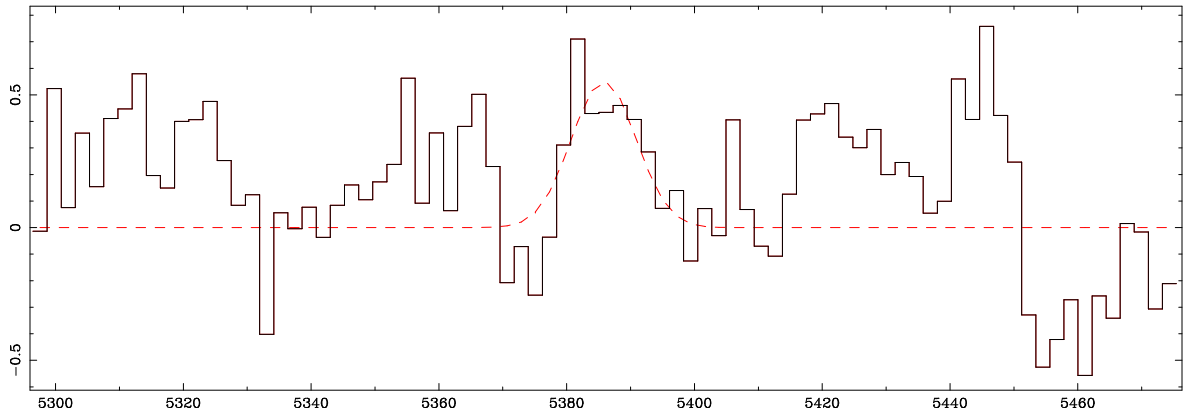
$EW_{obs} = 12.76Å$

$\alpha_{2000} = 46.7271°$

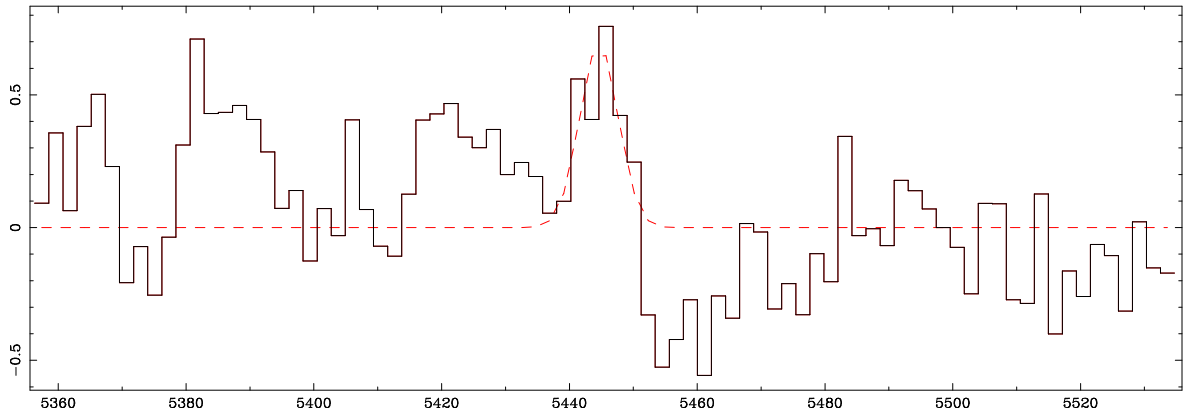
$\delta_{2000} = -0.0158°$



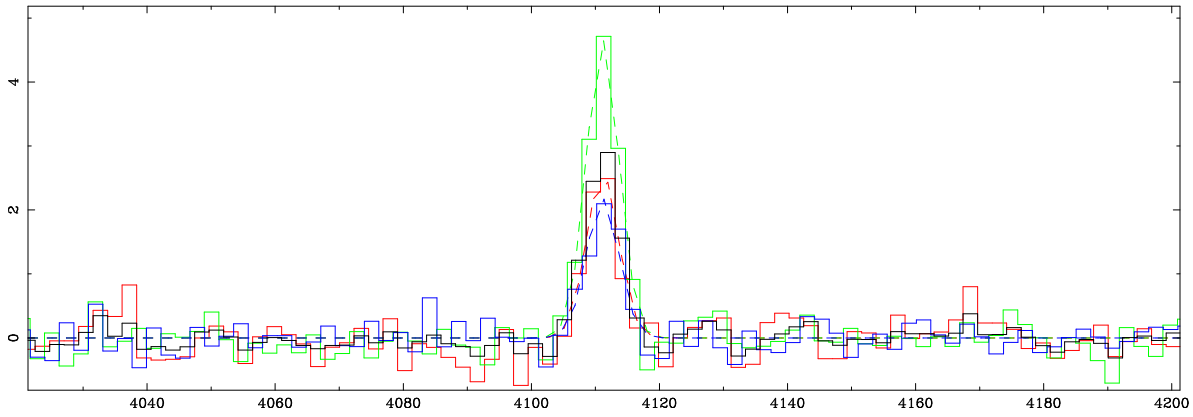
S/N = 8.10
$FWHM_{obs}$ = 15.06Å
λ_{obs} = 4947.03Å
EW_{obs} = 10.57Å
α_{2000} = 46.7271°
δ_{2000} = −0.0158°



S/N = 6.01
$FWHM_{obs}$ = 11.90Å
λ_{obs} = 5385.80Å
EW_{obs} = 4.12Å
α_{2000} = 46.7271°
δ_{2000} = −0.0159°



S/N = 5.94
$FWHM_{obs}$ = 7.09Å
λ_{obs} = 5444.63Å
EW_{obs} = 2.98Å
α_{2000} = 46.7271°
δ_{2000} = −0.0159°



S/N = 28.05

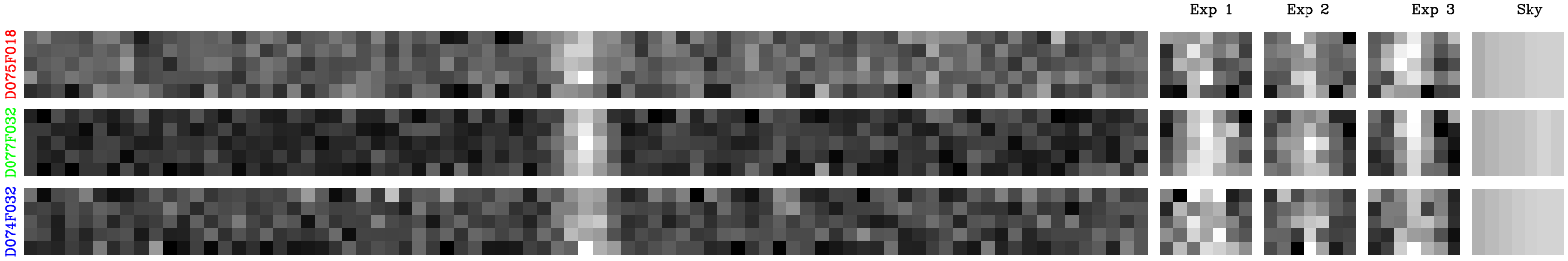
$FWHM_{obs}$ = 5.96Å

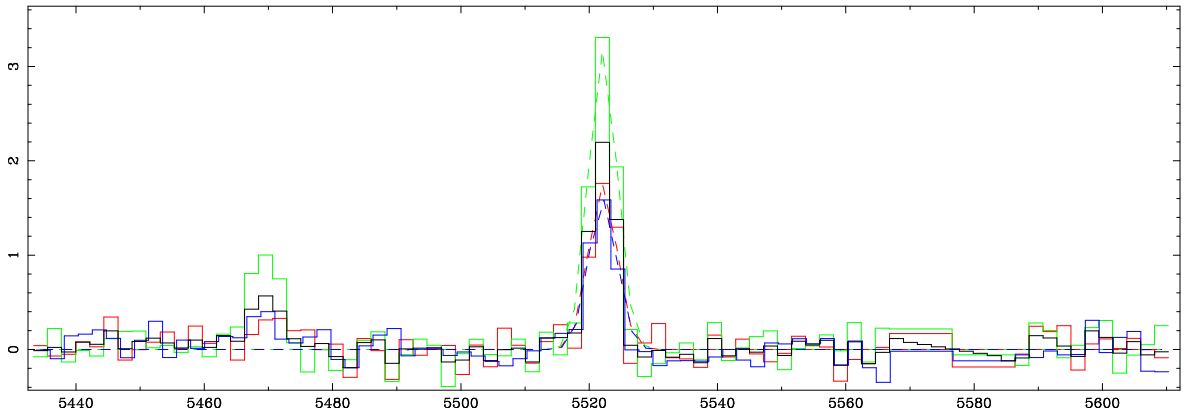
λ_{obs} = 4111.13Å

EW_{obs} = 42.02Å

α_{2000} = 46.7401°

δ_{2000} = −0.0275°





$S/N = 23.29$

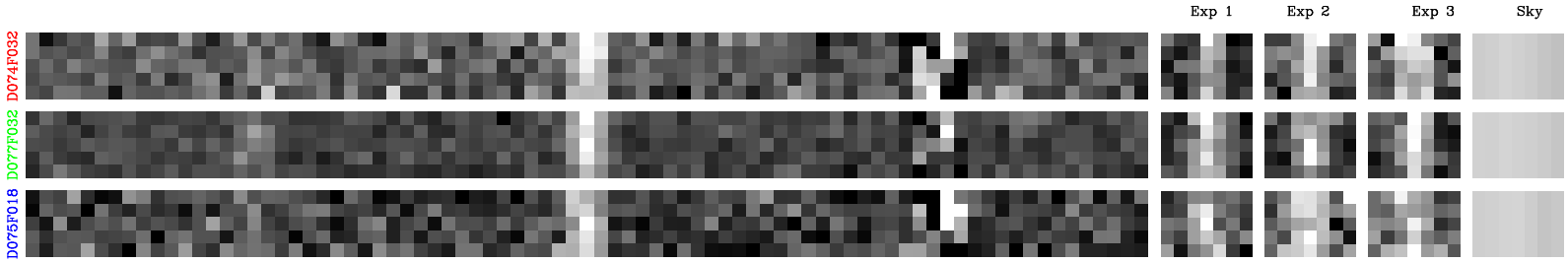
$FWHM_{obs} = 5.20$Å

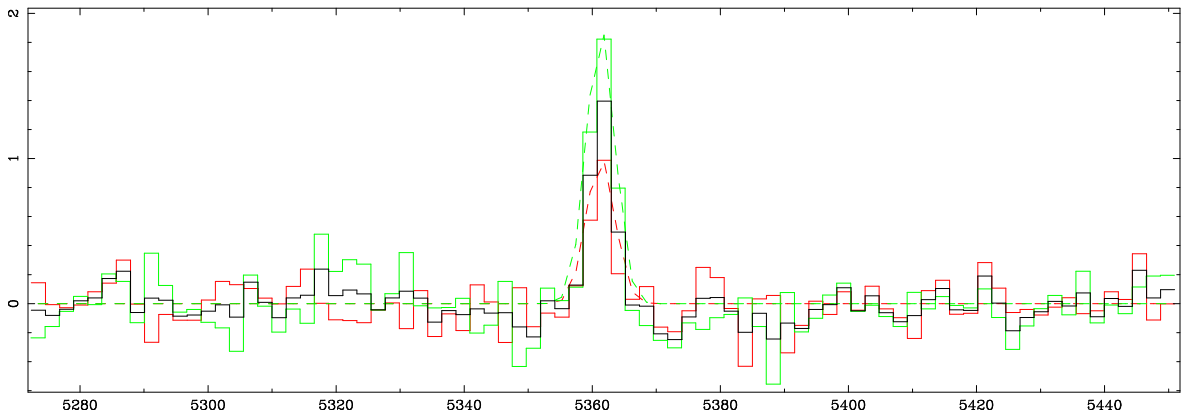
$\lambda_{obs} = 5522.11$Å

$EW_{obs} = 18.09$Å

$\alpha_{2000} = 46.7401°$

$\delta_{2000} = -0.0277°$





$S/N = 12.41$

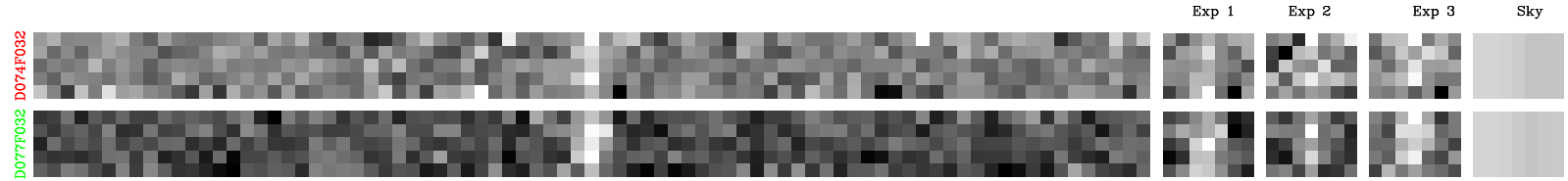
$FWHM_{obs} = 5.20$Å

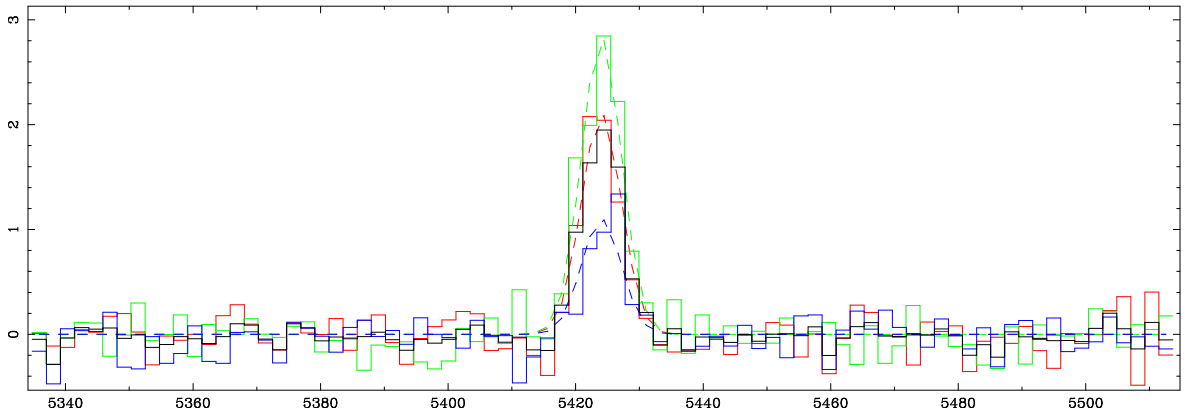
$\lambda_{obs} = 5361.30$Å

$EW_{obs} = 9.94$Å

$\alpha_{2000} = 46.7402°$

$\delta_{2000} = -0.0279°$





$S/N = 32.50$

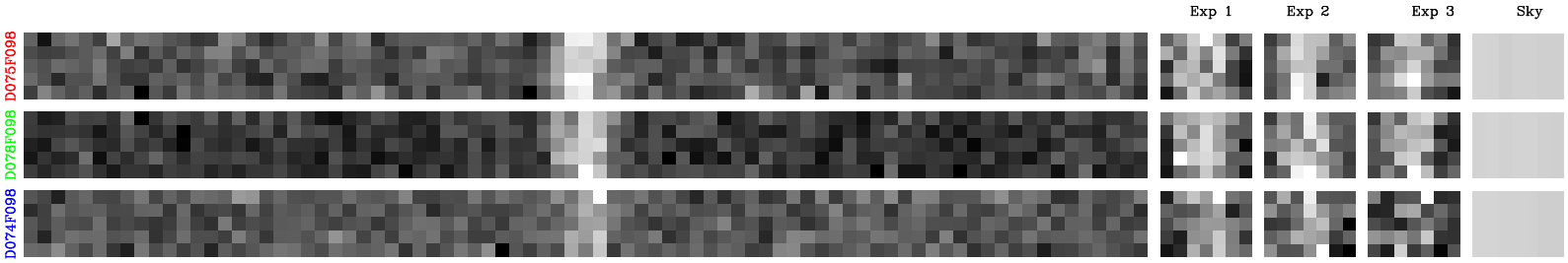
$FWHM_{obs} = 7.36$Å

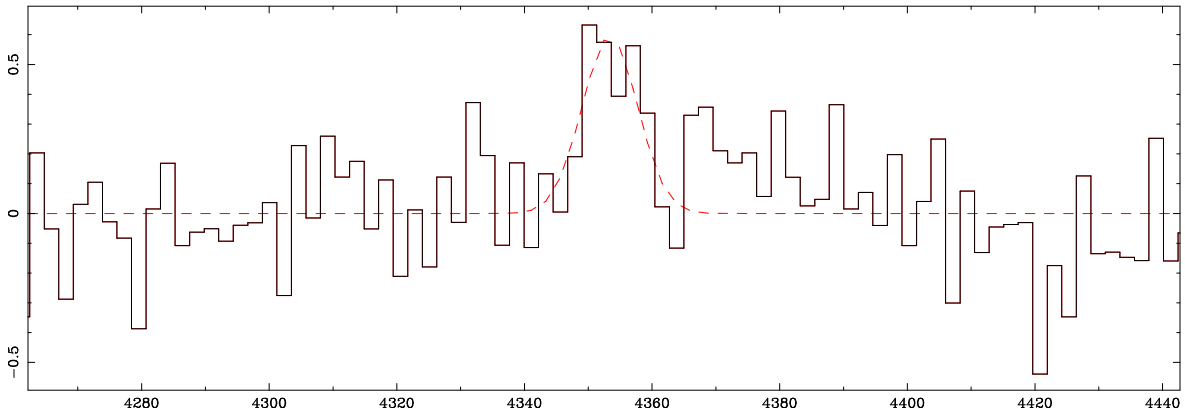
$\lambda_{obs} = 5424.03$Å

$EW_{obs} = 77.93$Å

$\alpha_{2000} = 46.7230°$

$\delta_{2000} = -0.0360°$





$S/N = 5.90$

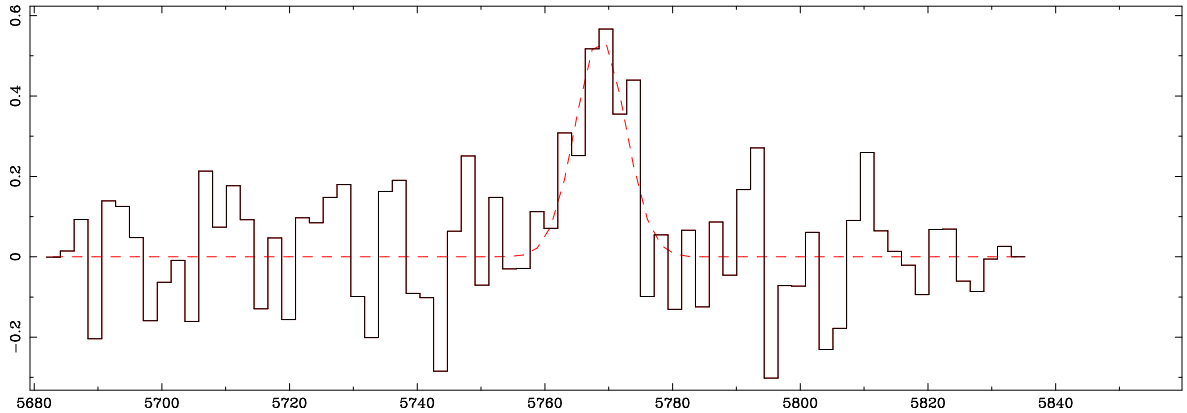
$FWHM_{obs} = 10.23Å$

$\lambda_{obs} = 4353.39Å$

$EW_{obs} > 87.77Å$

$\alpha_{2000} = 46.7452°$

$\delta_{2000} = -0.0429°$



$S/N = 5.15$

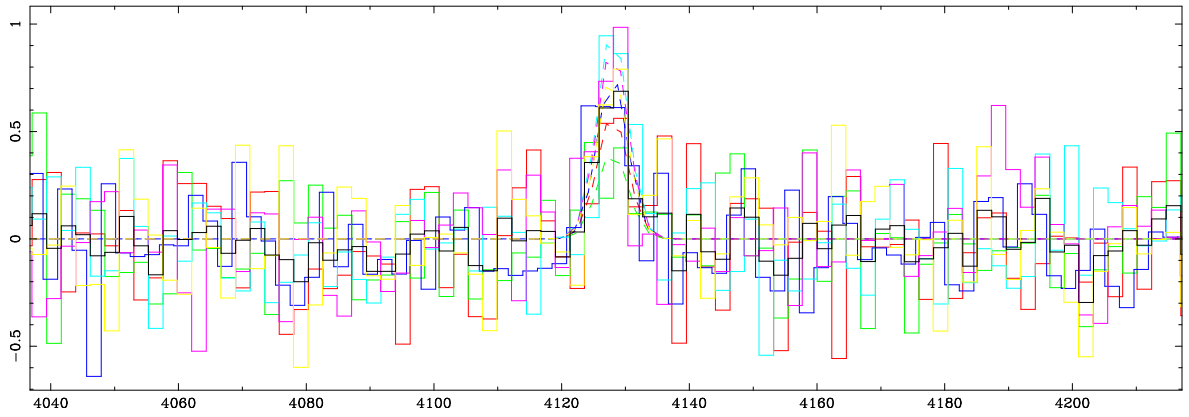
$FWHM_{obs} = 9.20$Å

$\lambda_{obs} = 5768.71$Å

$EW_{obs} > 71.57$Å

$\alpha_{2000} = 46.7235°$

$\delta_{2000} = -0.0424°$



$S/N = 9.81$

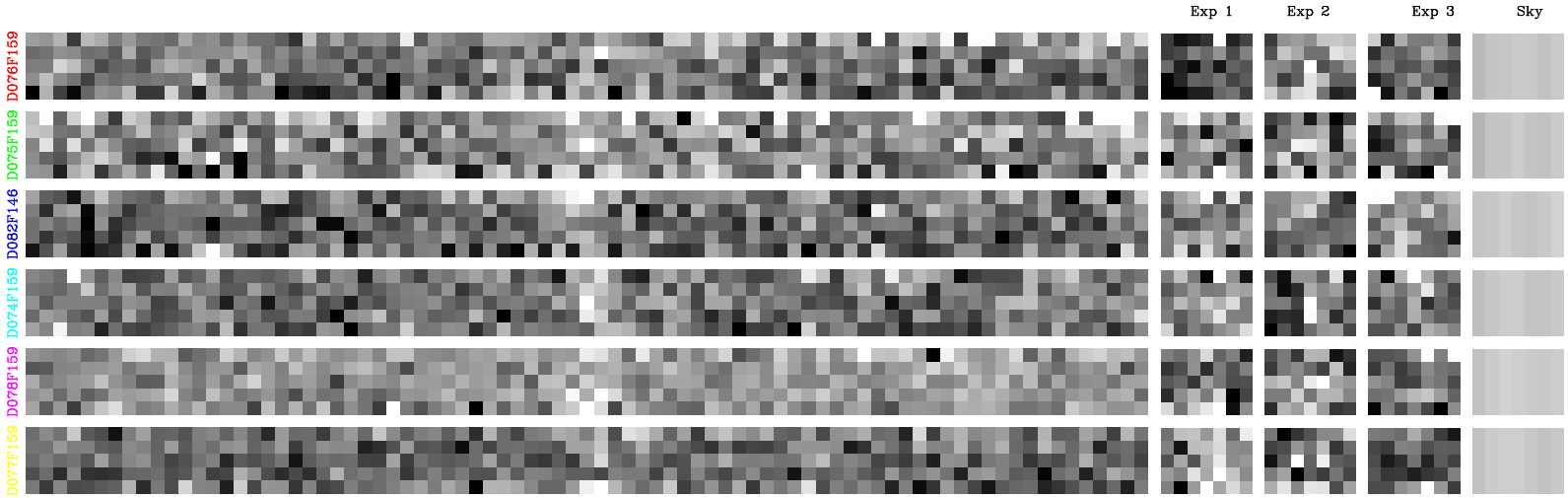
$FWHM_{obs} = 5.63Å$

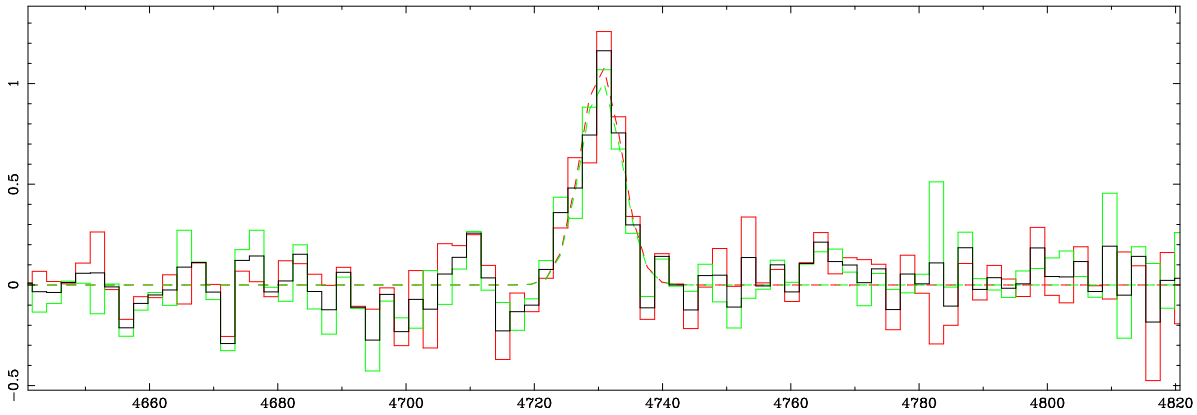
$\lambda_{obs} = 4127.96Å$

$EW_{obs} = 29.05Å$

$\alpha_{2000} = 46.7164°$

$\delta_{2000} = -0.0430°$





S/N = 13.61

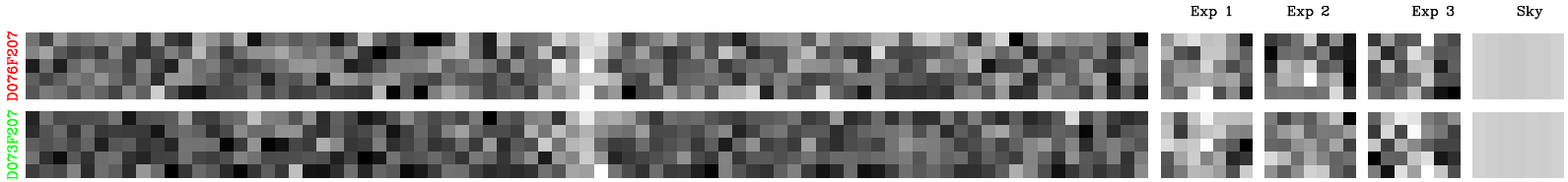
$FWHM_{obs}$ = 7.59Å

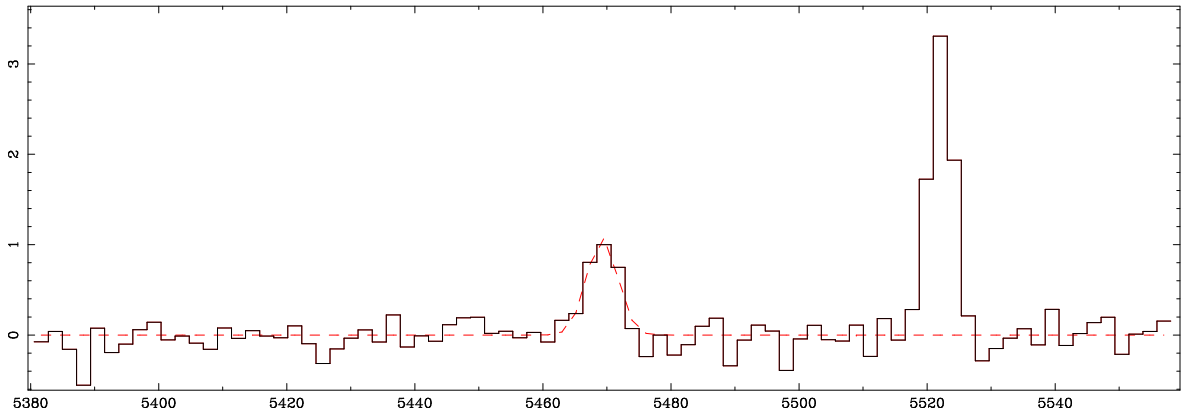
λ_{obs} = 4730.39Å

EW_{obs} = 83.05Å

α_{2000} = 46.7388°

δ_{2000} = −0.0507°





$S/N = 8.22$

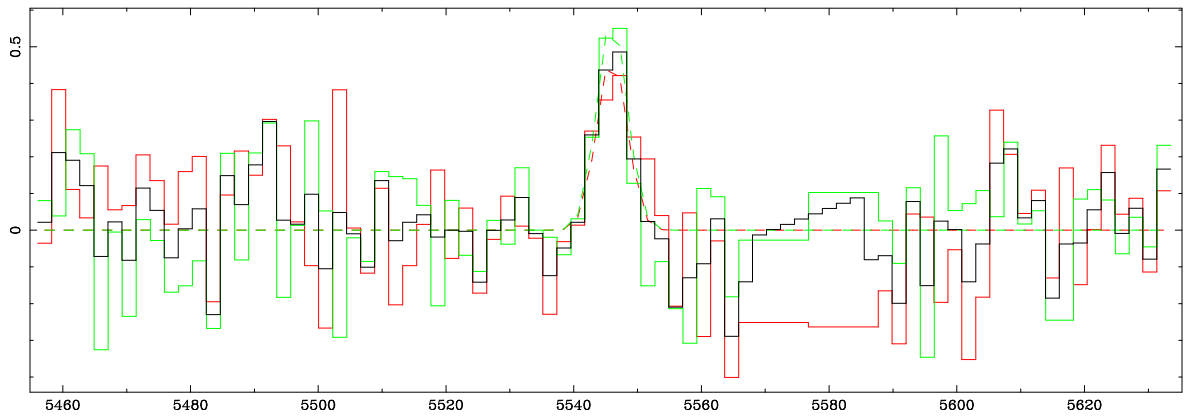
$FWHM_{obs} = 5.64Å$

$\lambda_{obs} = 5469.27Å$

$EW_{obs} = 6.89Å$

$\alpha_{2000} = 46.7403°$

$\delta_{2000} = -0.0276°$



$S/N = 5.69$

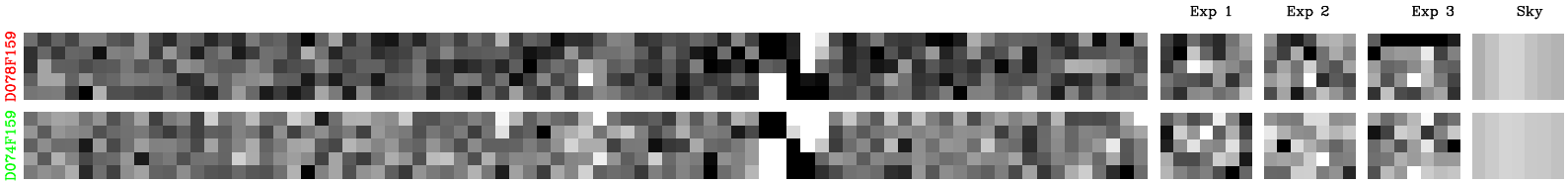
$FWHM_{obs} = 5.51$Å

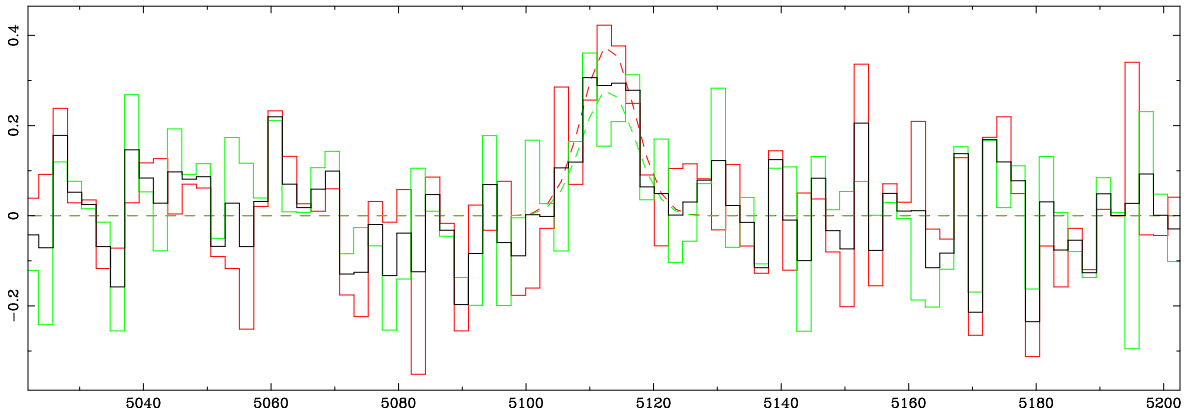
$\lambda_{obs} = 5546.01$Å

$EW_{obs} = 7.80$Å

$\alpha_{2000} = 46.7161°$

$\delta_{2000} = -0.0432°$





$S/N = 5.78$

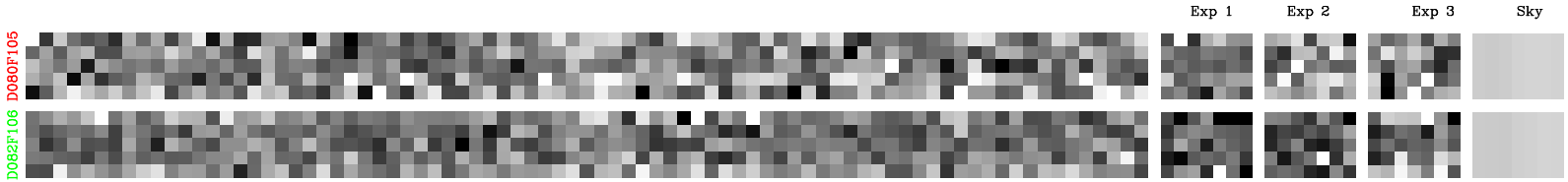
$FWHM_{obs} = 9.70Å$

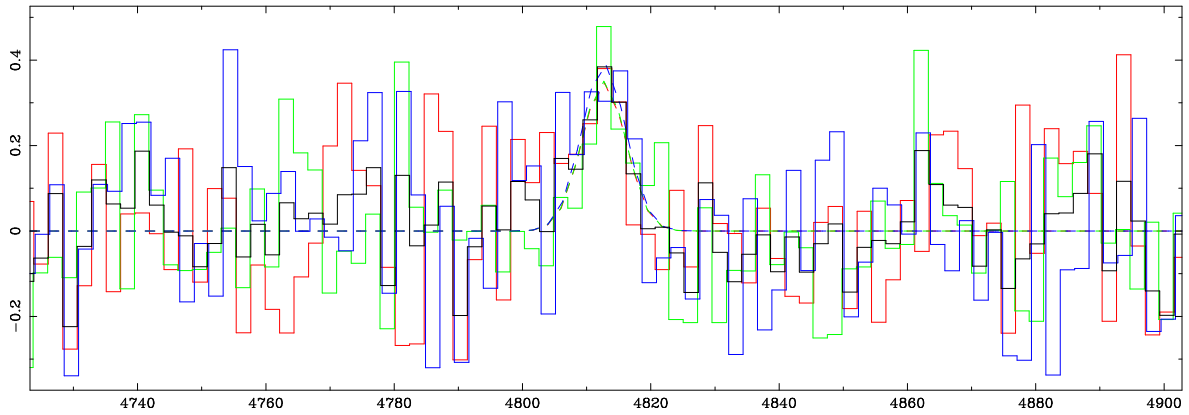
$\lambda_{obs} = 5112.91Å$

$EW_{obs} > 78.16Å$

$\alpha_{2000} = 46.7091°$

$\delta_{2000} = -0.0375°$





S/N = 6.02

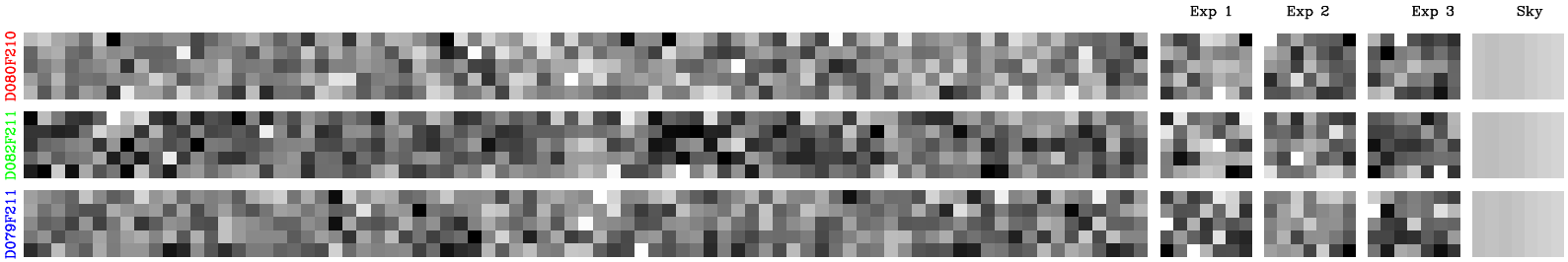
$FWHM_{obs}$ = 8.10Å

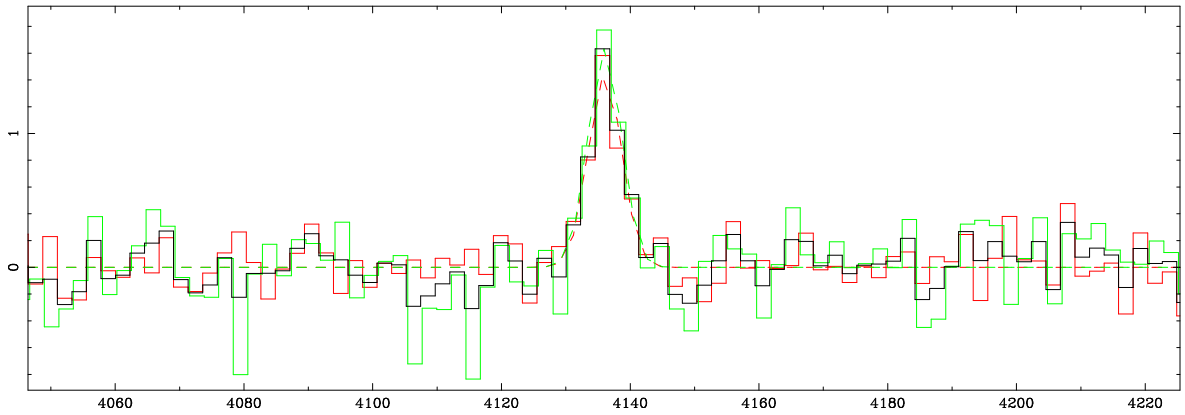
λ_{obs} = 4812.67Å

EW_{obs} = 35.89Å

α_{2000} = 46.7010°

δ_{2000} = −0.0504°





S/N = 11.13

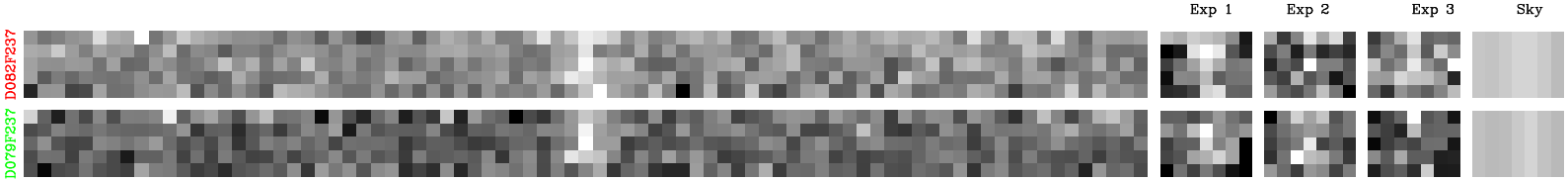
$FWHM_{obs}$ = 6.08Å

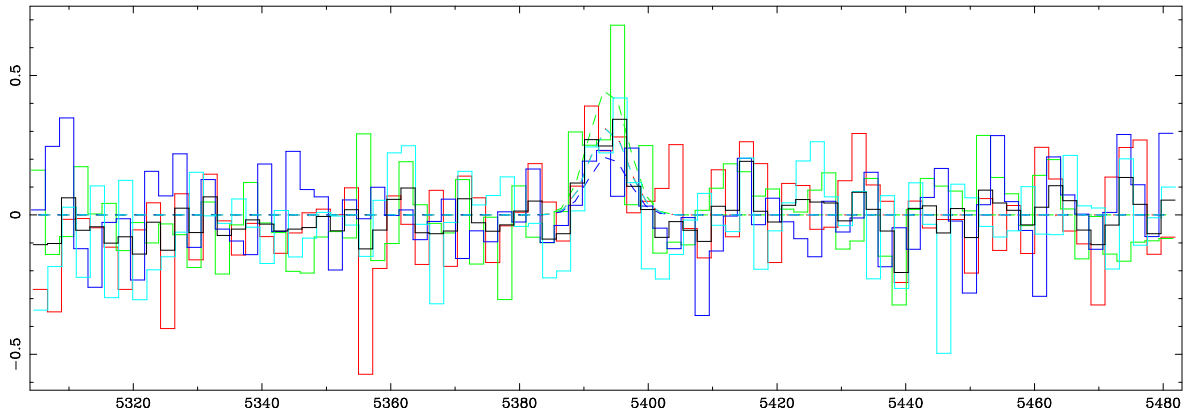
λ_{obs} = 4136.06Å

EW_{obs} = 74.72Å

α_{2000} = 46.7072°

δ_{2000} = −0.0540°





$S/N = 6.71$

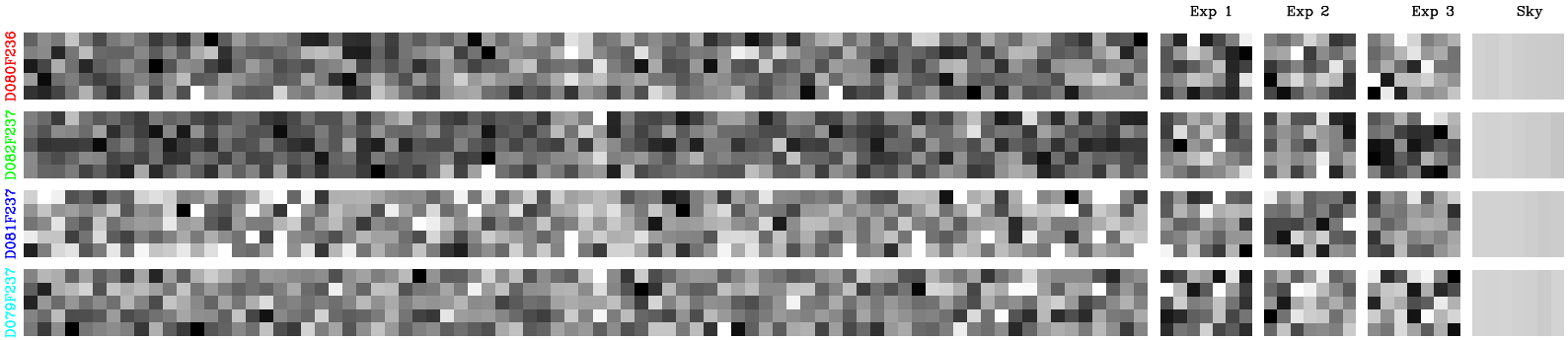
$FWHM_{obs} = 7.07Å$

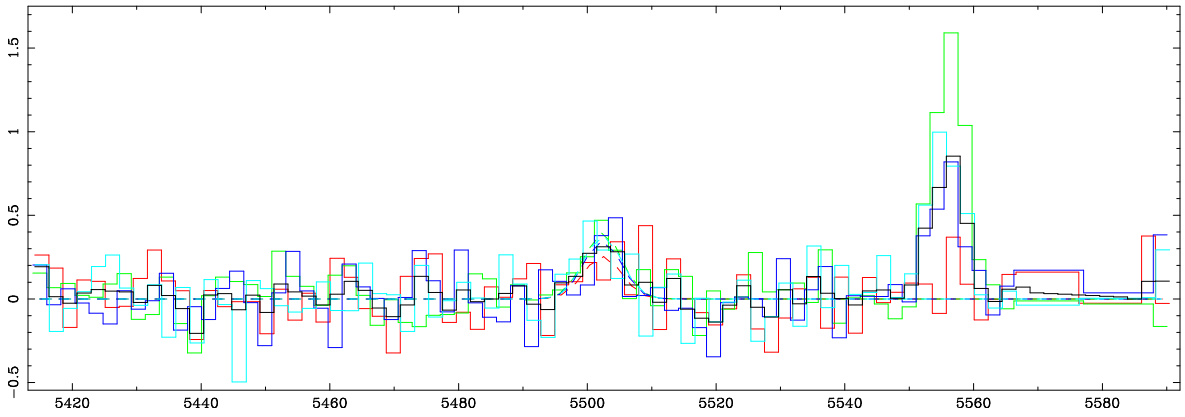
$\lambda_{obs} = 5393.79Å$

$EW_{obs} = 29.30Å$

$\alpha_{2000} = 46.7074°$

$\delta_{2000} = -0.0544°$





$S/N = 6.41$

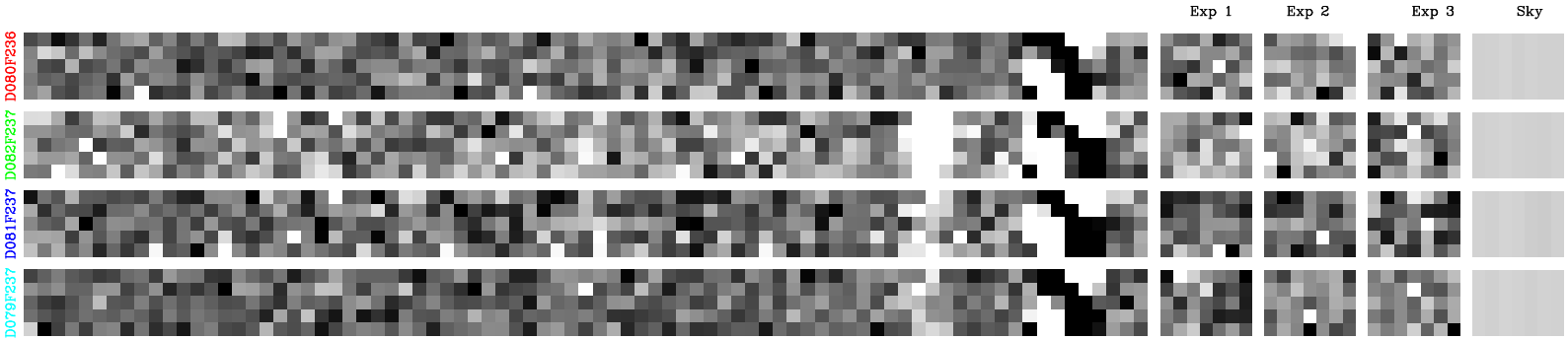
$FWHM_{obs} = 6.95$Å

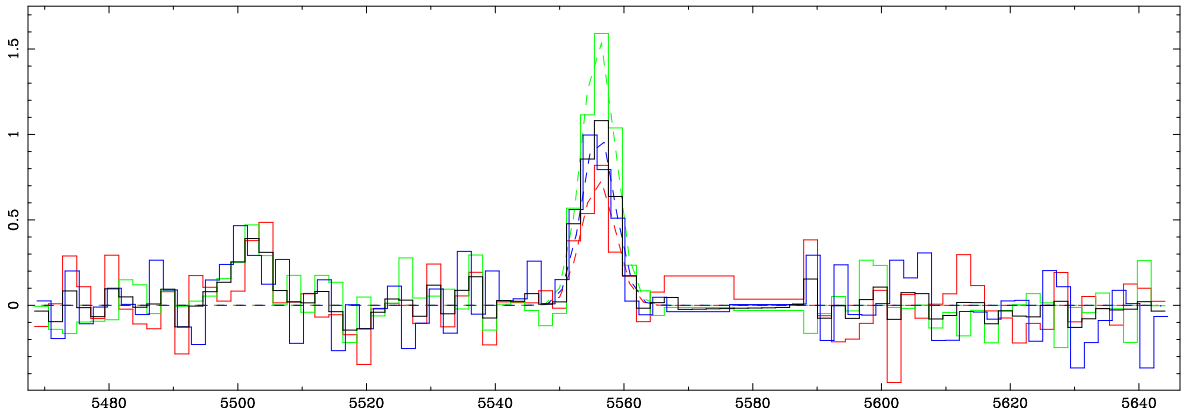
$\lambda_{obs} = 5502.35$Å

$EW_{obs} = 19.31$Å

$\alpha_{2000} = 46.7073°$

$\delta_{2000} = -0.0545°$





$S/N = 16.17$

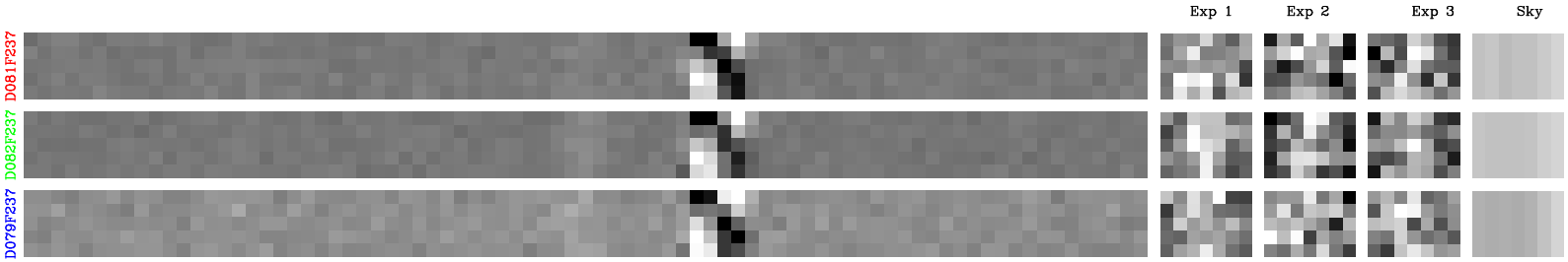
$FWHM_{obs} = 6.08Å$

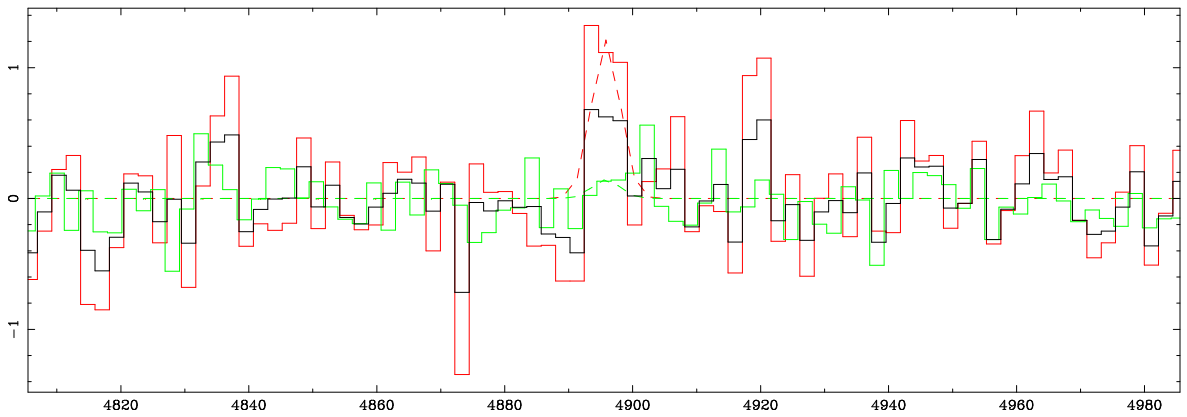
$\lambda_{obs} = 5556.02Å$

$EW_{obs} = 56.72Å$

$\alpha_{2000} = 46.7072°$

$\delta_{2000} = -0.0544°$





S/N = 5.45

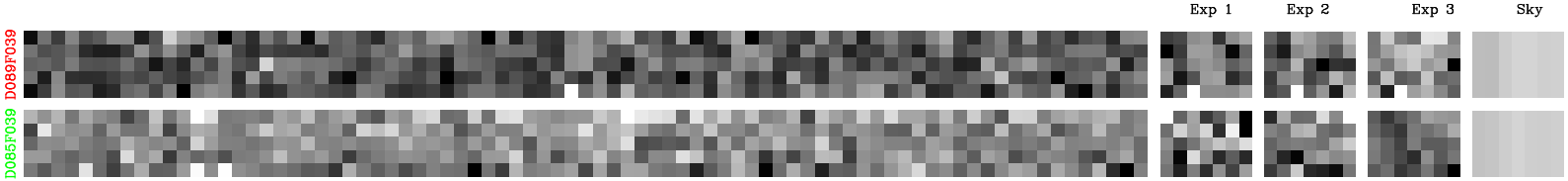
$FWHM_{obs}$ = 5.20Å

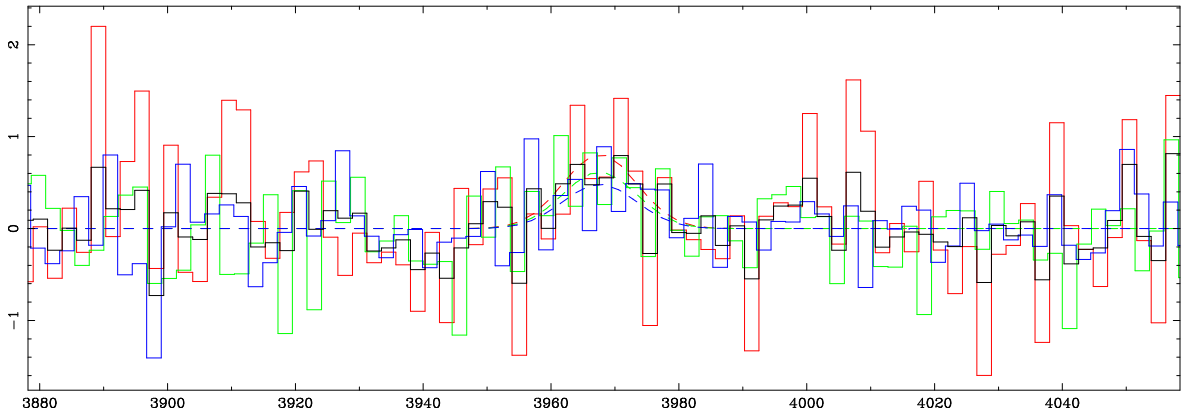
λ_{obs} = 4895.81Å

EW_{obs} > 47.33Å

α_{2000} = 46.6665°

δ_{2000} = −0.0271°





$S/N = 6.05$

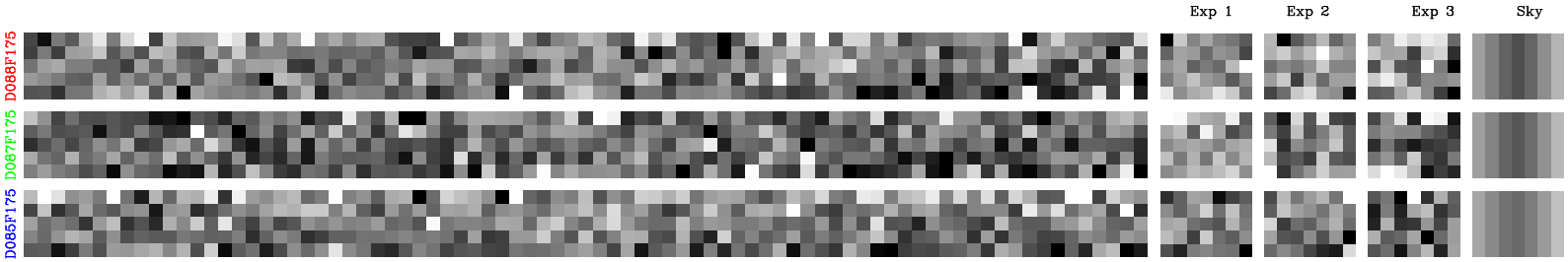
$FWHM_{obs} = 13.59Å$

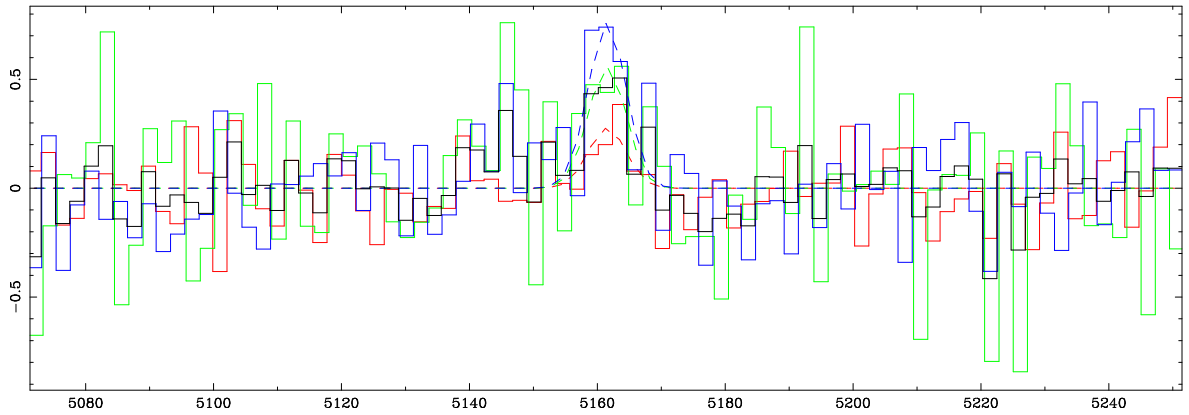
$\lambda_{obs} = 3967.61Å$

$EW_{obs} > 75.13Å$

$\alpha_{2000} = 46.6866°$

$\delta_{2000} = -0.0470°$





$S/N = 5.84$

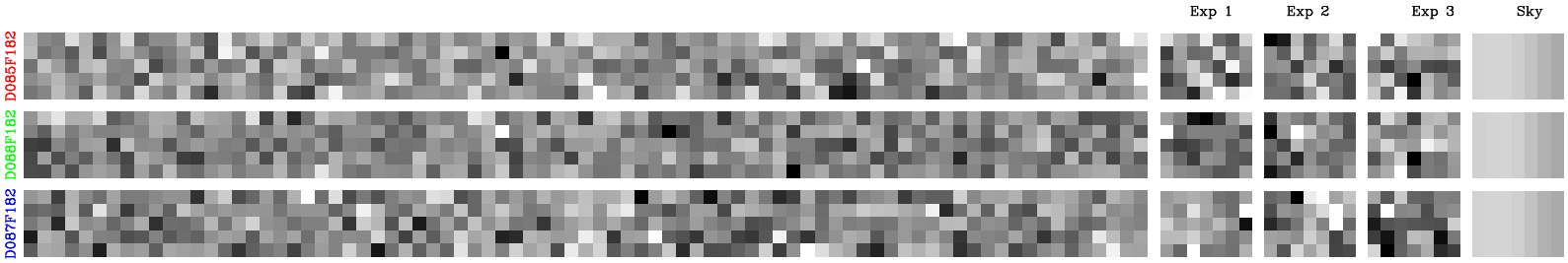
$FWHM_{obs} = 7.00$Å

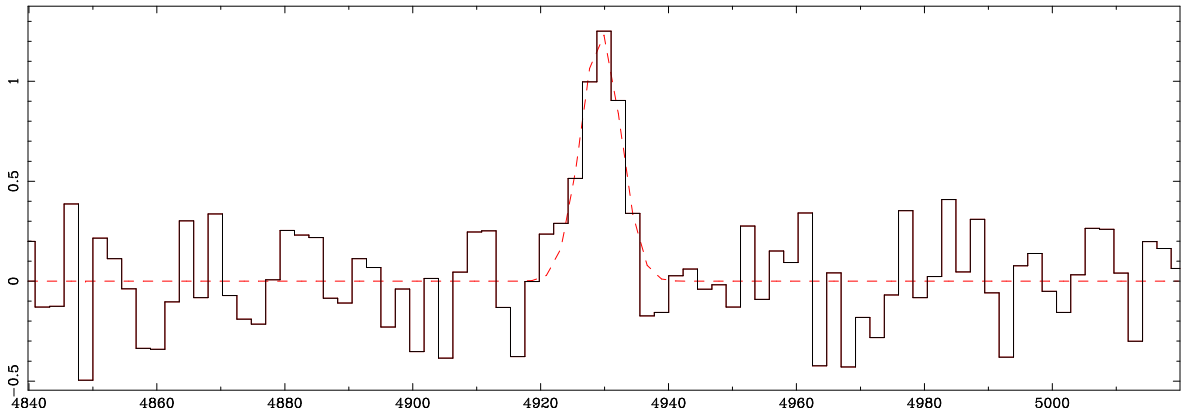
$\lambda_{obs} = 5161.55$Å

$EW_{obs} > 57.79$Å

$\alpha_{2000} = 46.6713°$

$\delta_{2000} = -0.0468°$





$S/N = 7.38$

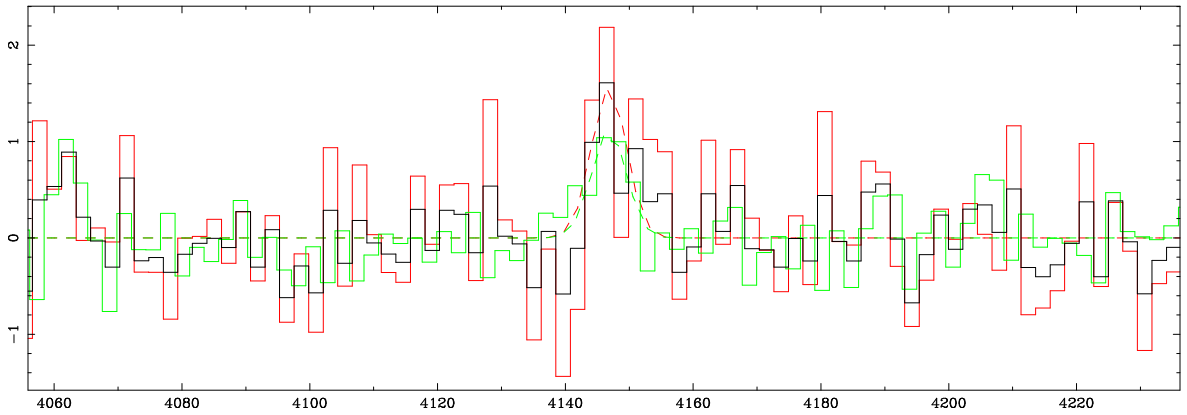
$FWHM_{obs} = 7.27\text{Å}$

$\lambda_{obs} = 4929.40\text{Å}$

$EW_{obs} = 50.87\text{Å}$

$\alpha_{2000} = 46.6668°$

$\delta_{2000} = -0.0471°$



$S/N = 5.68$

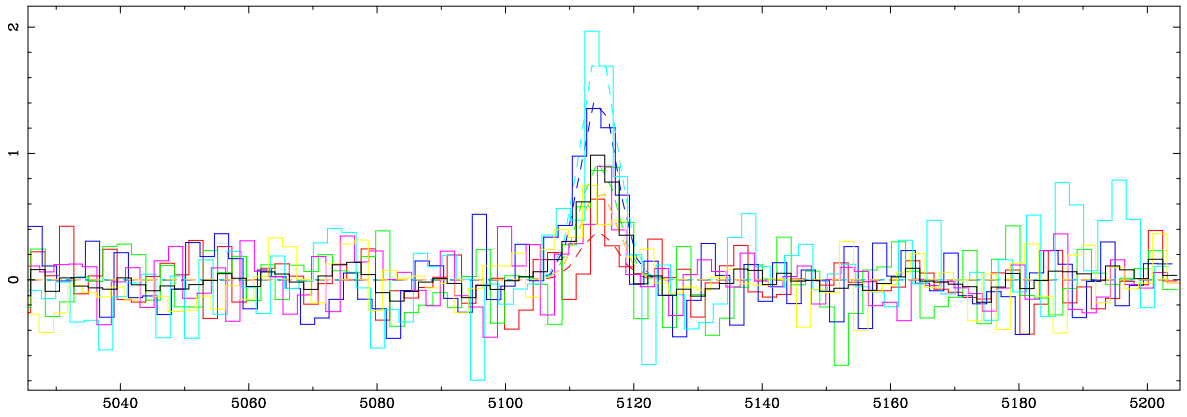
$FWHM_{obs} = 6.42Å$

$\lambda_{obs} = 4146.83Å$

$EW_{obs} = 29.06Å$

$\alpha_{2000} = 46.6621°$

$\delta_{2000} = -0.0445°$



$S/N = 13.52$

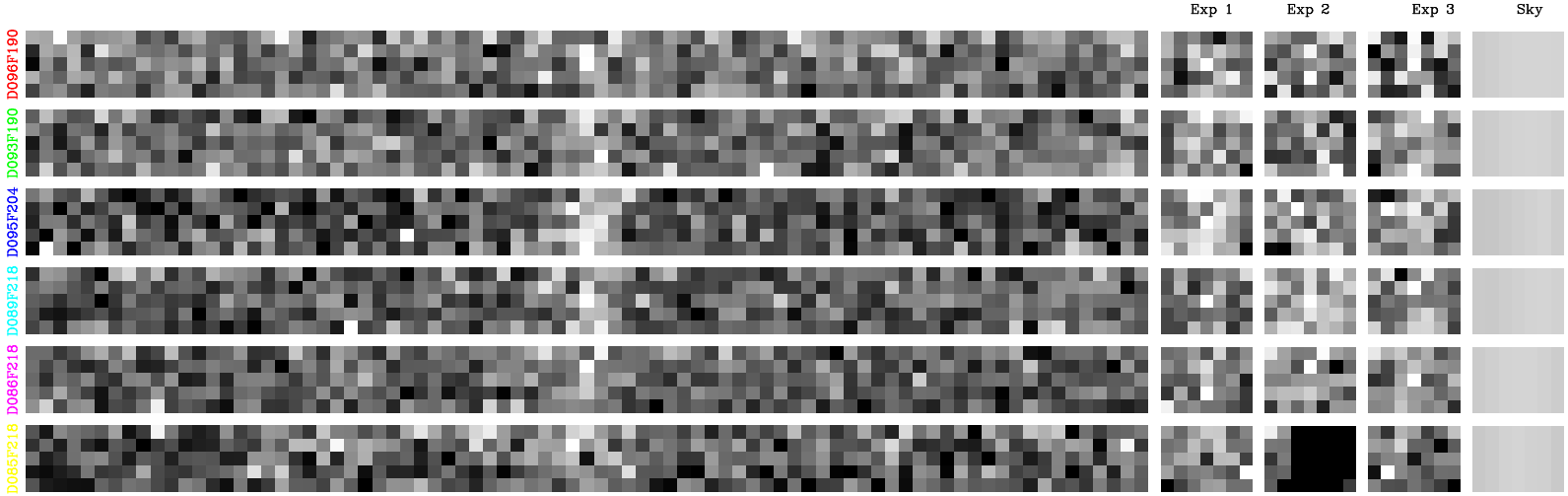
$FWHM_{obs} = 6.70Å$

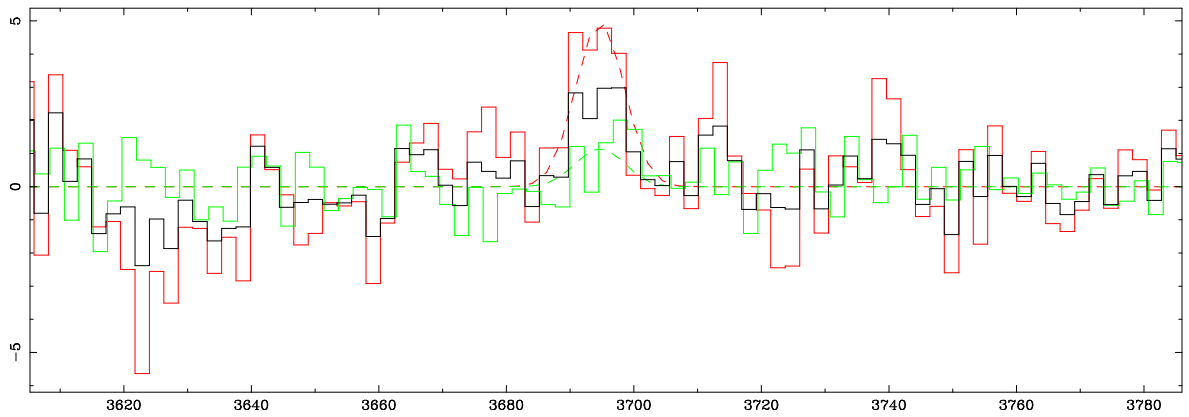
$\lambda_{obs} = 5114.54Å$

$EW_{obs} = 28.41Å$

$\alpha_{2000} = 46.6551°$

$\delta_{2000} = -0.0500°$





$S/N = 5.36$

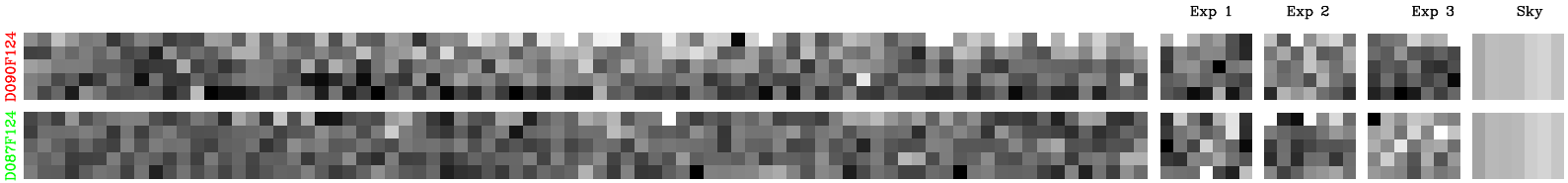
$FWHM_{obs} = 8.93$Å

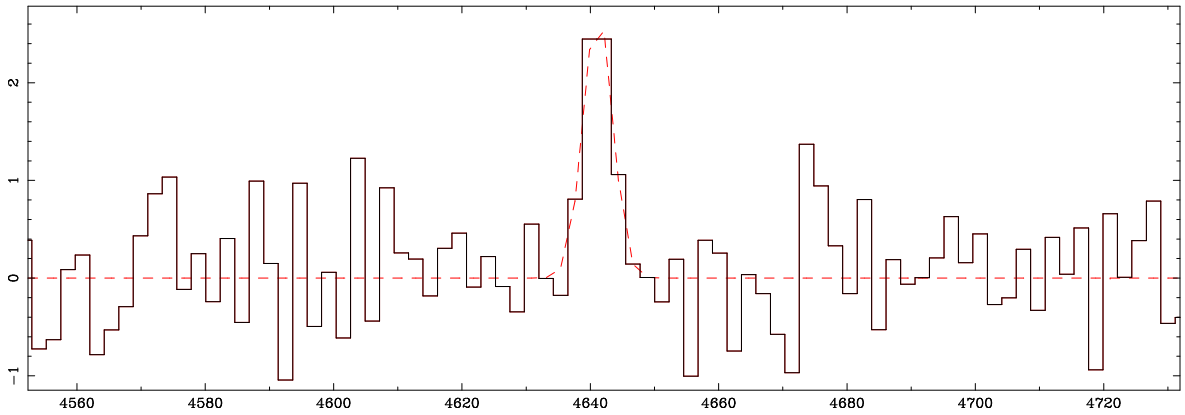
$\lambda_{obs} = 3694.69$Å

$EW_{obs} > 65.97$Å

$\alpha_{2000} = 46.6708°$

$\delta_{2000} = -0.0395°$





S/N = 5.35

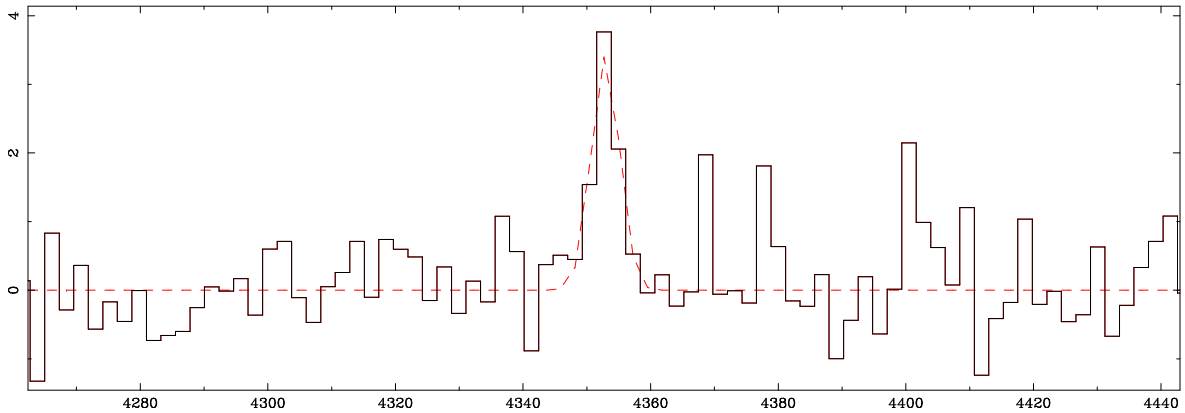
$FWHM_{obs}$ = 5.29Å

λ_{obs} = 4641.18Å

EW_{obs} > 63.33Å

α_{2000} = 46.6805°

δ_{2000} = −0.0255°



$S/N = 5.70$

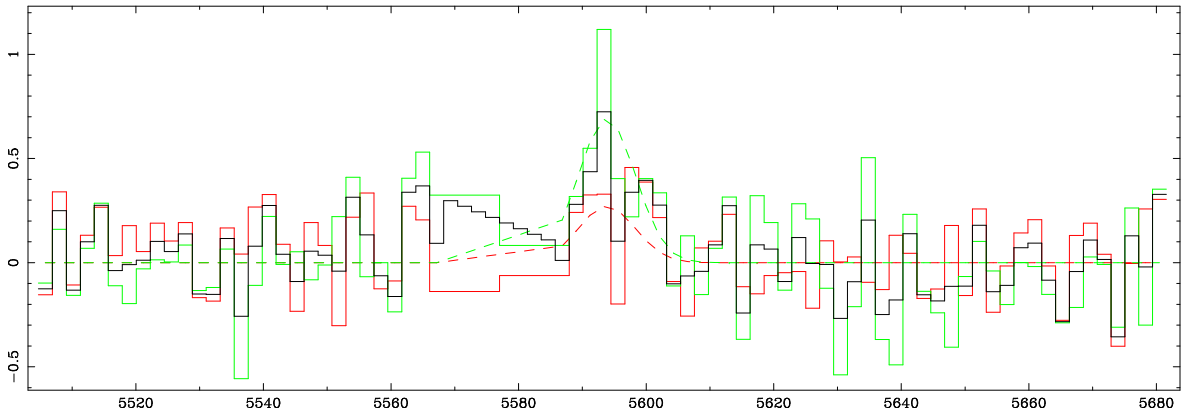
$FWHM_{obs} = 5.20$Å

$\lambda_{obs} = 4352.90$Å

$EW_{obs} > 61.90$Å

$\alpha_{2000} = 46.6760°$

$\delta_{2000} = -0.0340°$



S/N = 5.74

$FWHM_{obs}$ = 10.56Å

λ_{obs} = 5593.84Å

EW_{obs} = 13.59Å

α_{2000} = 46.6356°

δ_{2000} = −0.0338°