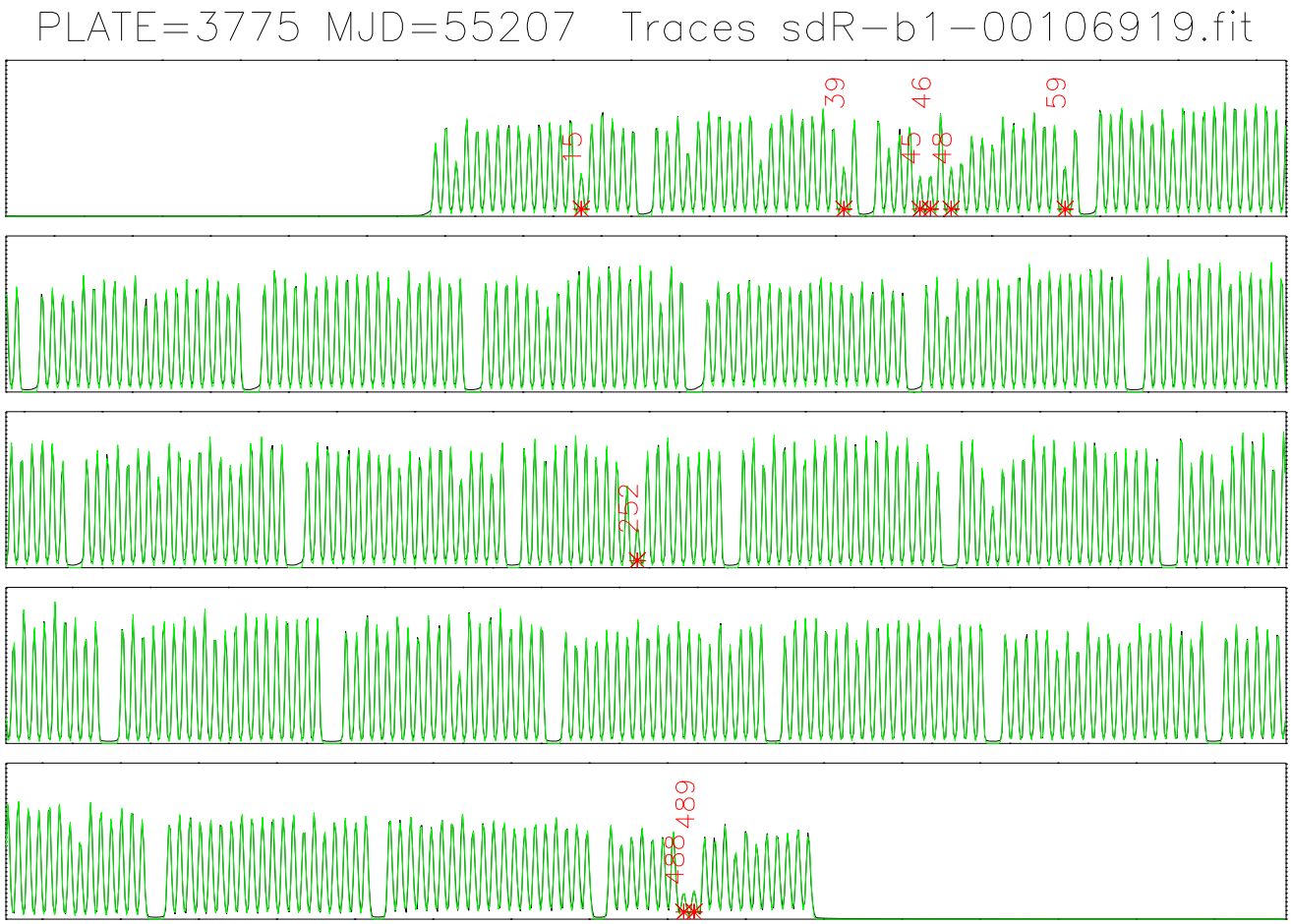
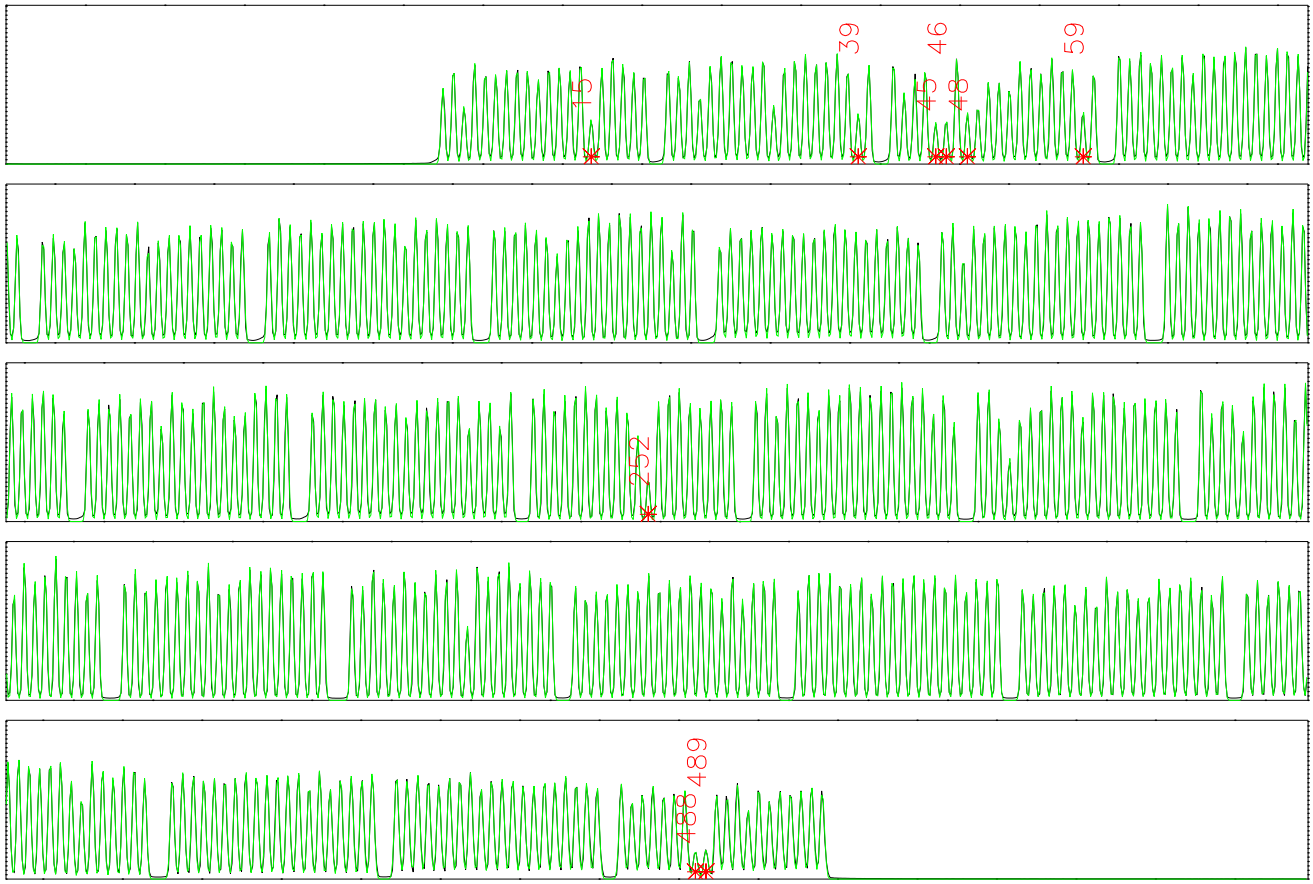
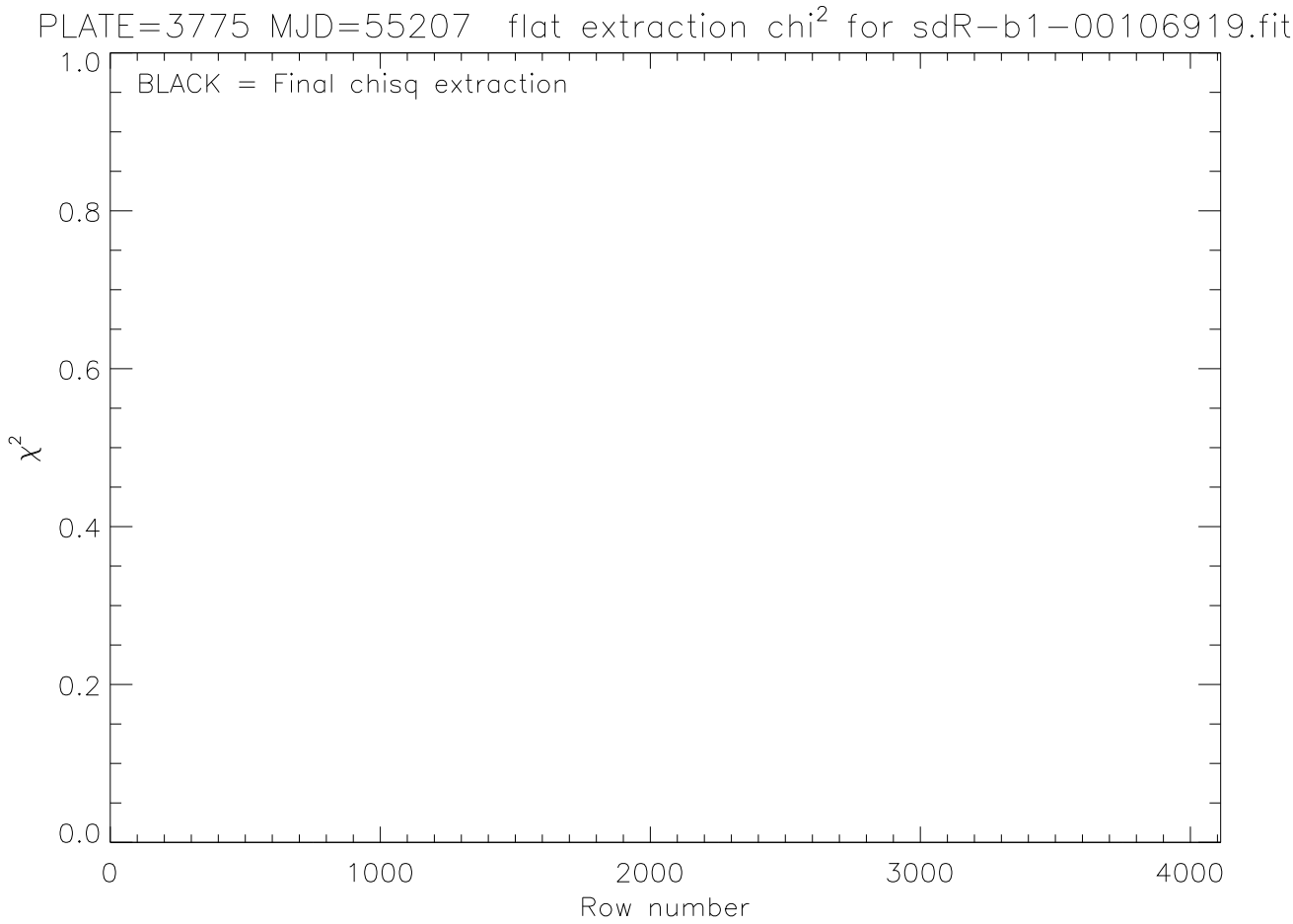
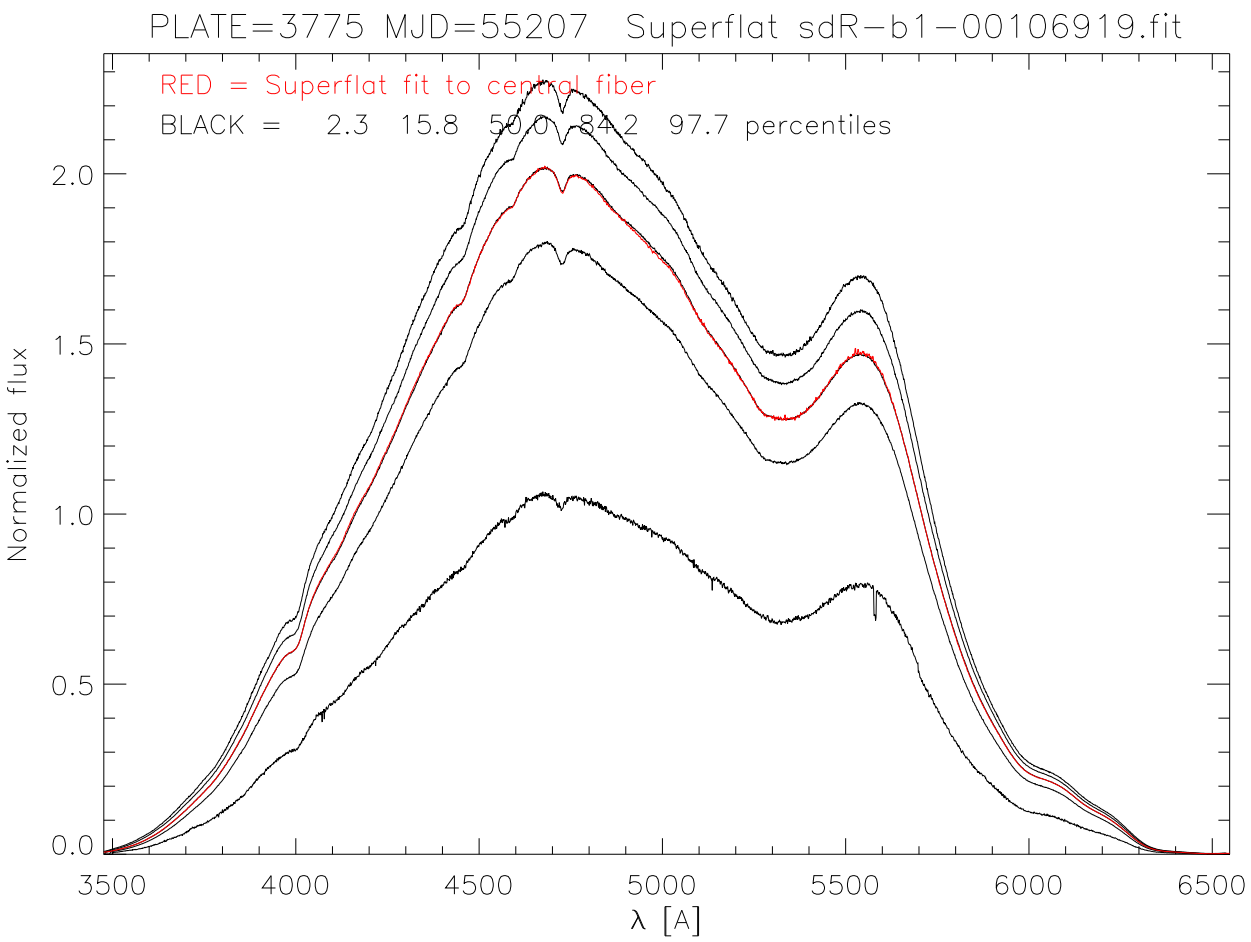
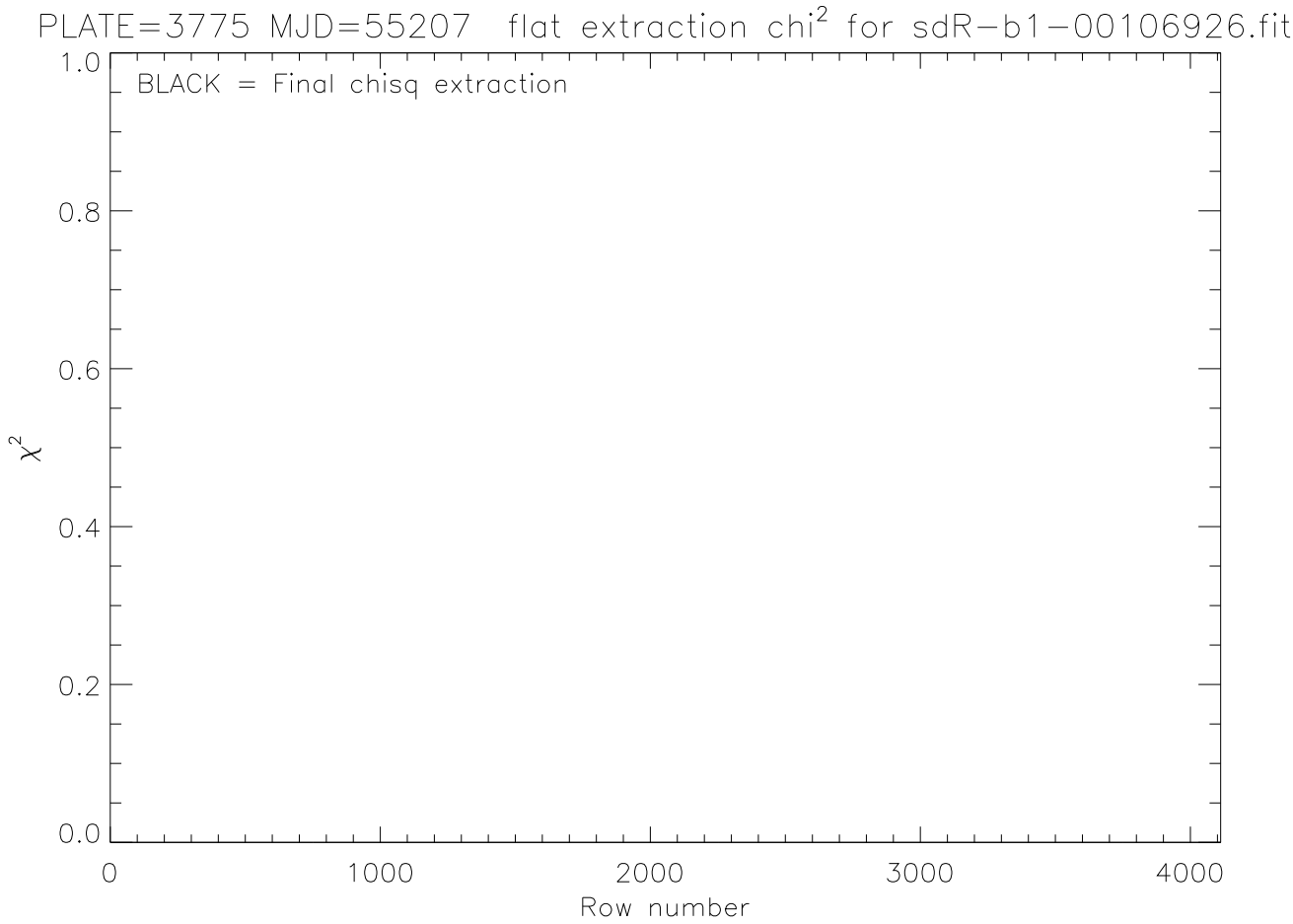

PLATE=3775 MJD=55207 Traces sdR-b1-00106919.fit
15
39
45
46
48
59
252
488
489

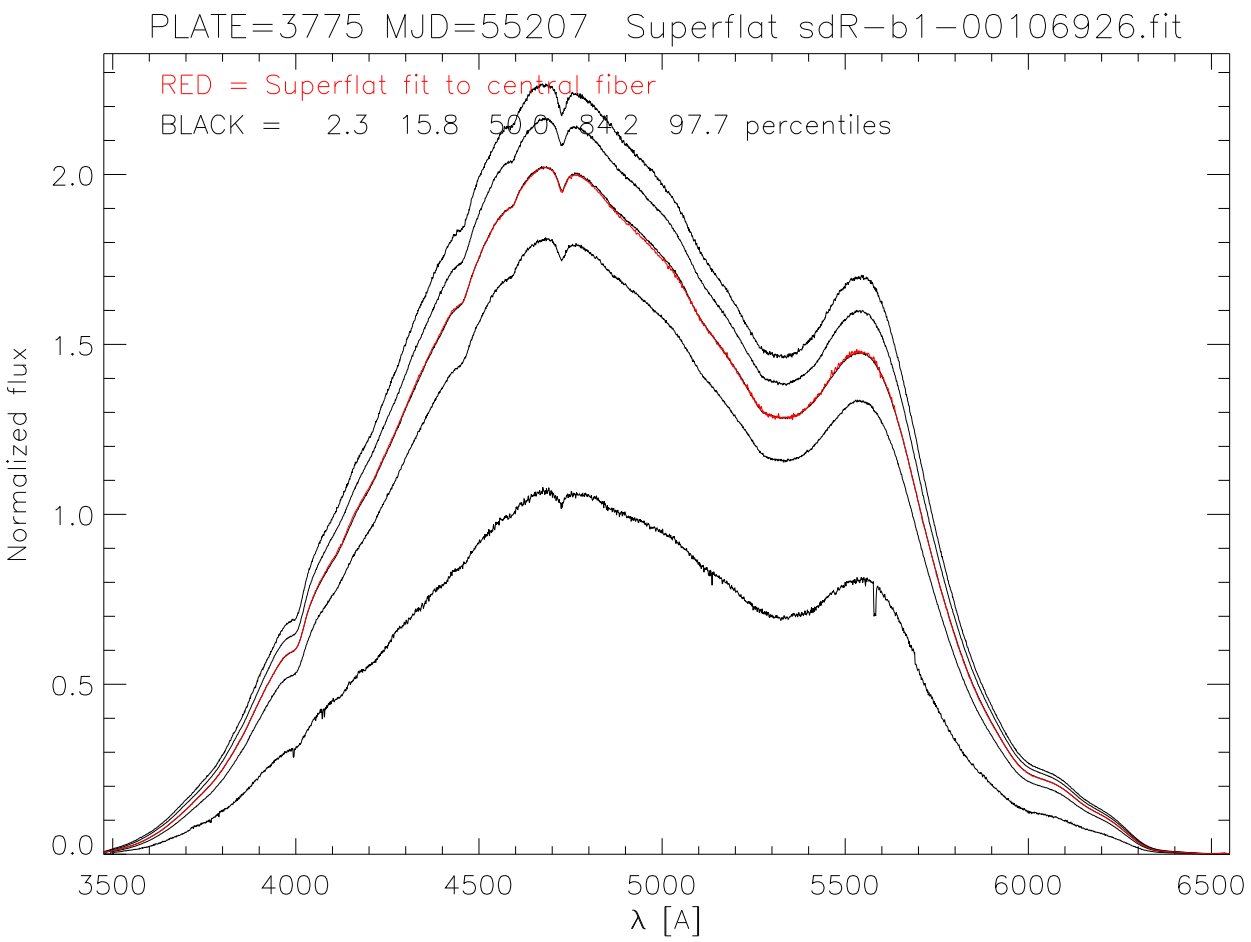
PLATE=3775 MJD=55207 Traces sdR-b1-00106926.fit

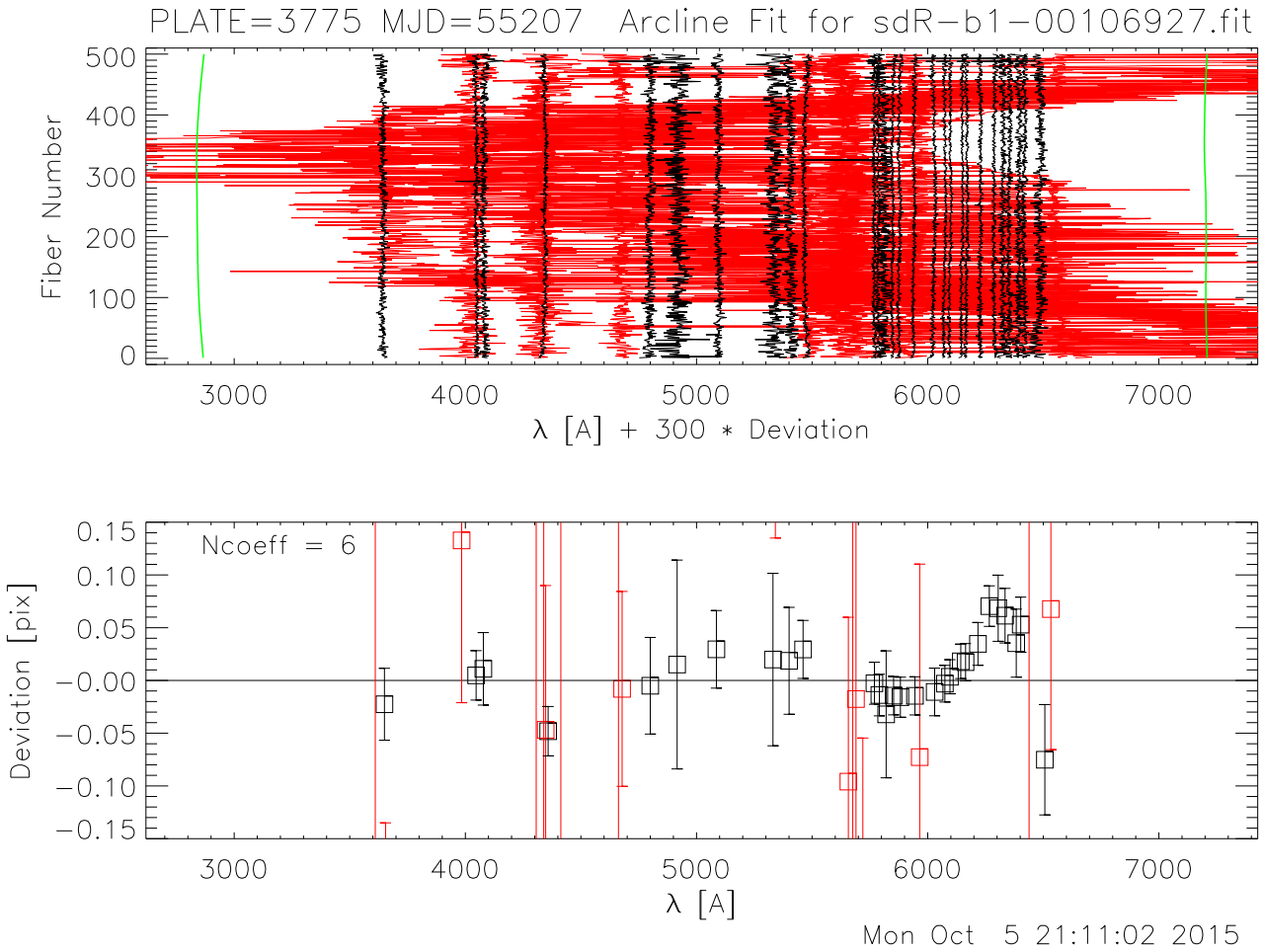


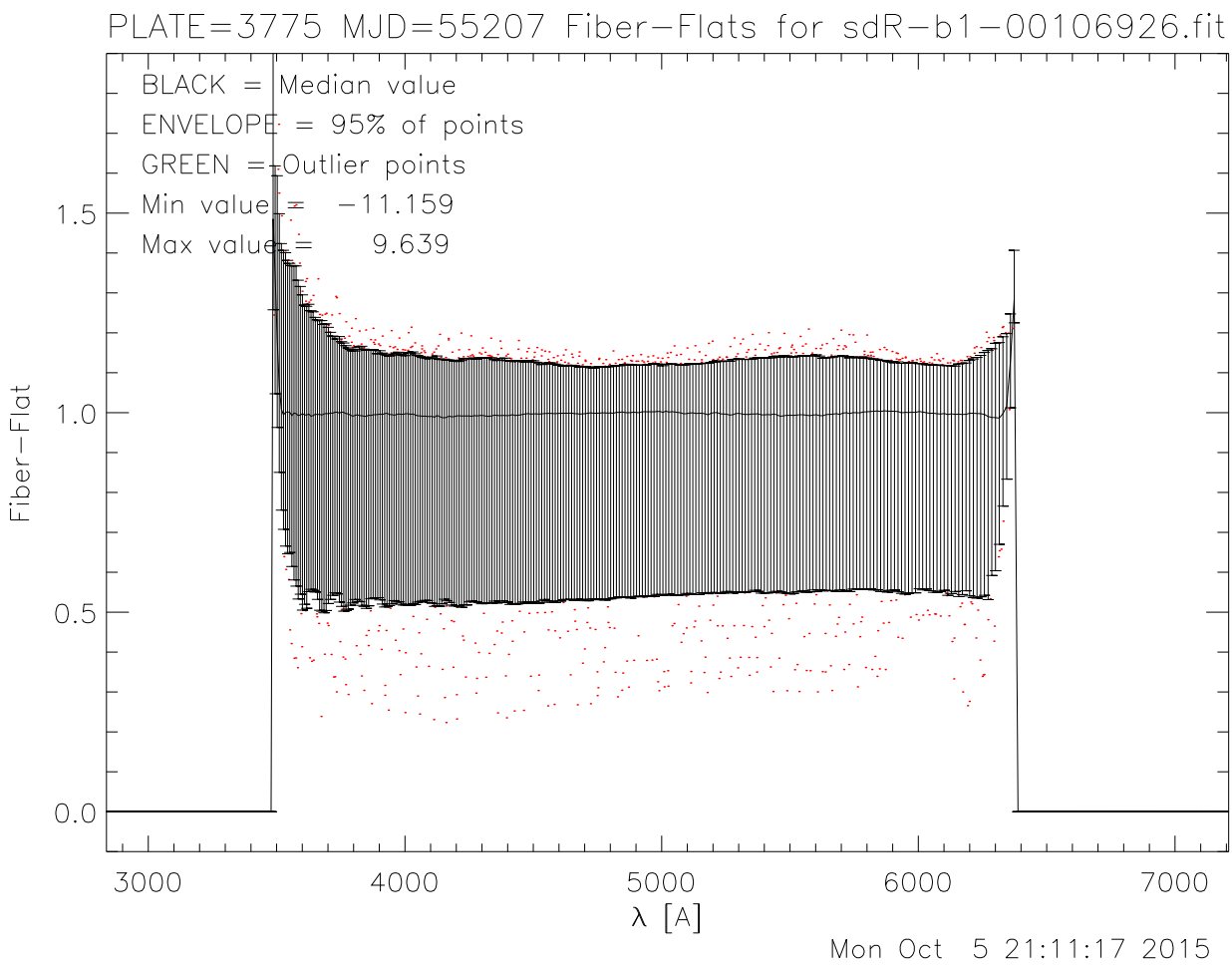

PLATE=3775 MJD=55207 flat extraction chi^2 for sdR−b1−00106919.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

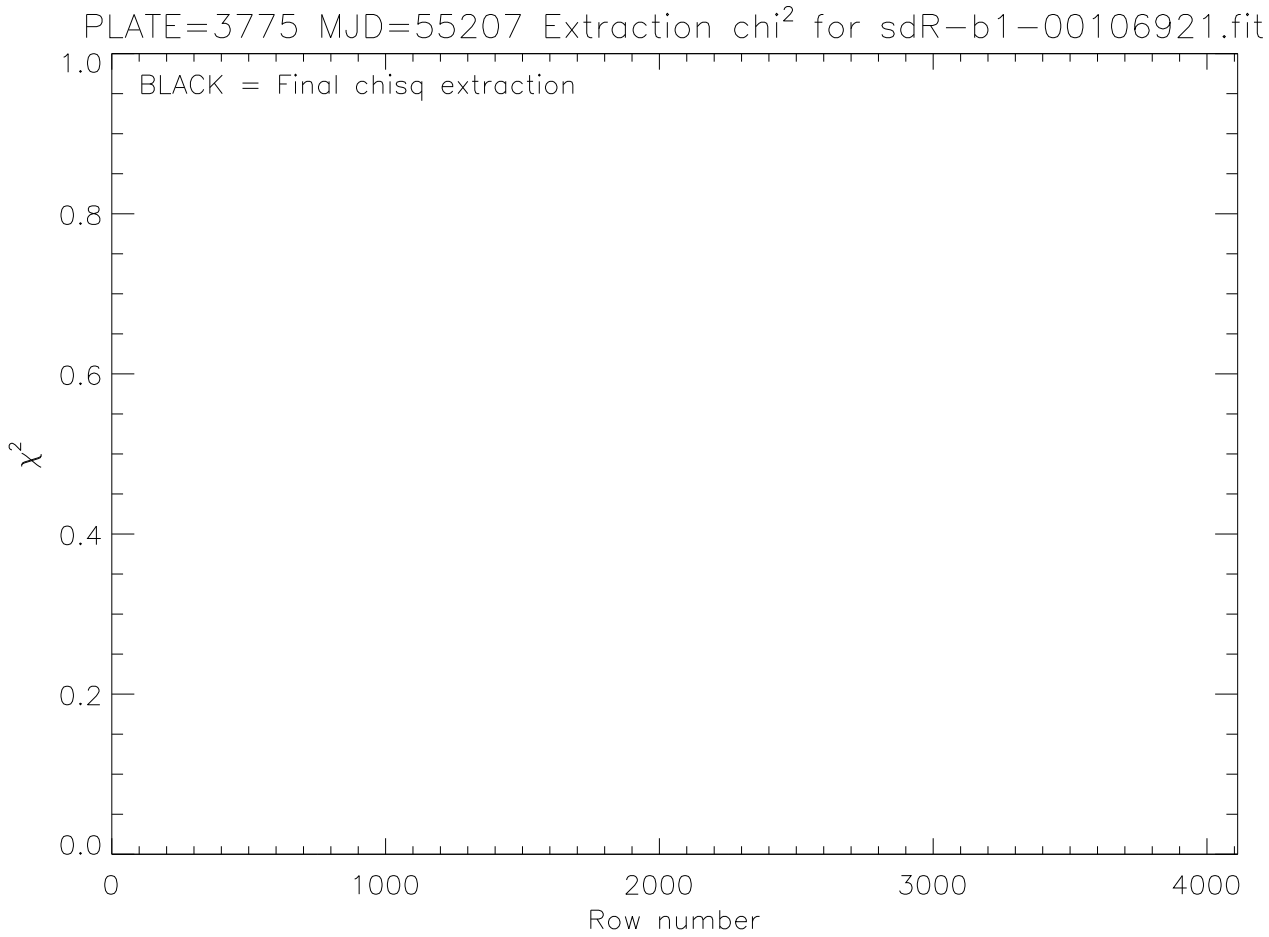

PLATE=3775 MJD=55207 Superflat sdR-b1-00106919.fit
RED = Superflat fit to central fiber
BLACK = 2.3 15.8 50.0 84.2 97.7 percentiles
Normalized flux
0.0
0.5
1.0
1.5
2.0
3500
4000
4500
5000
5500
6000
6500
λ [A]

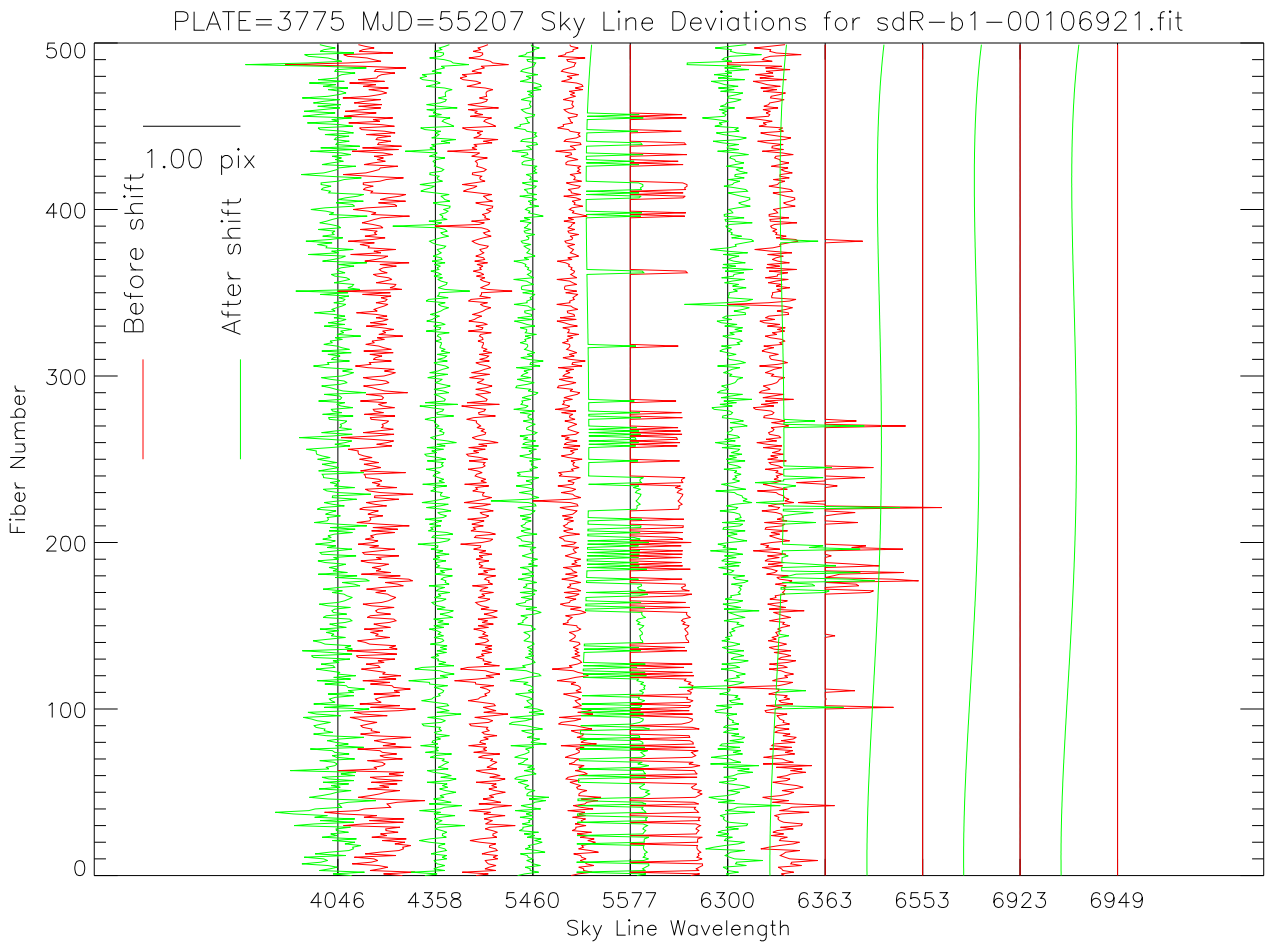

PLATE=3775 MJD=55207 flat extraction chi^2 for sdR−b1−00106926.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

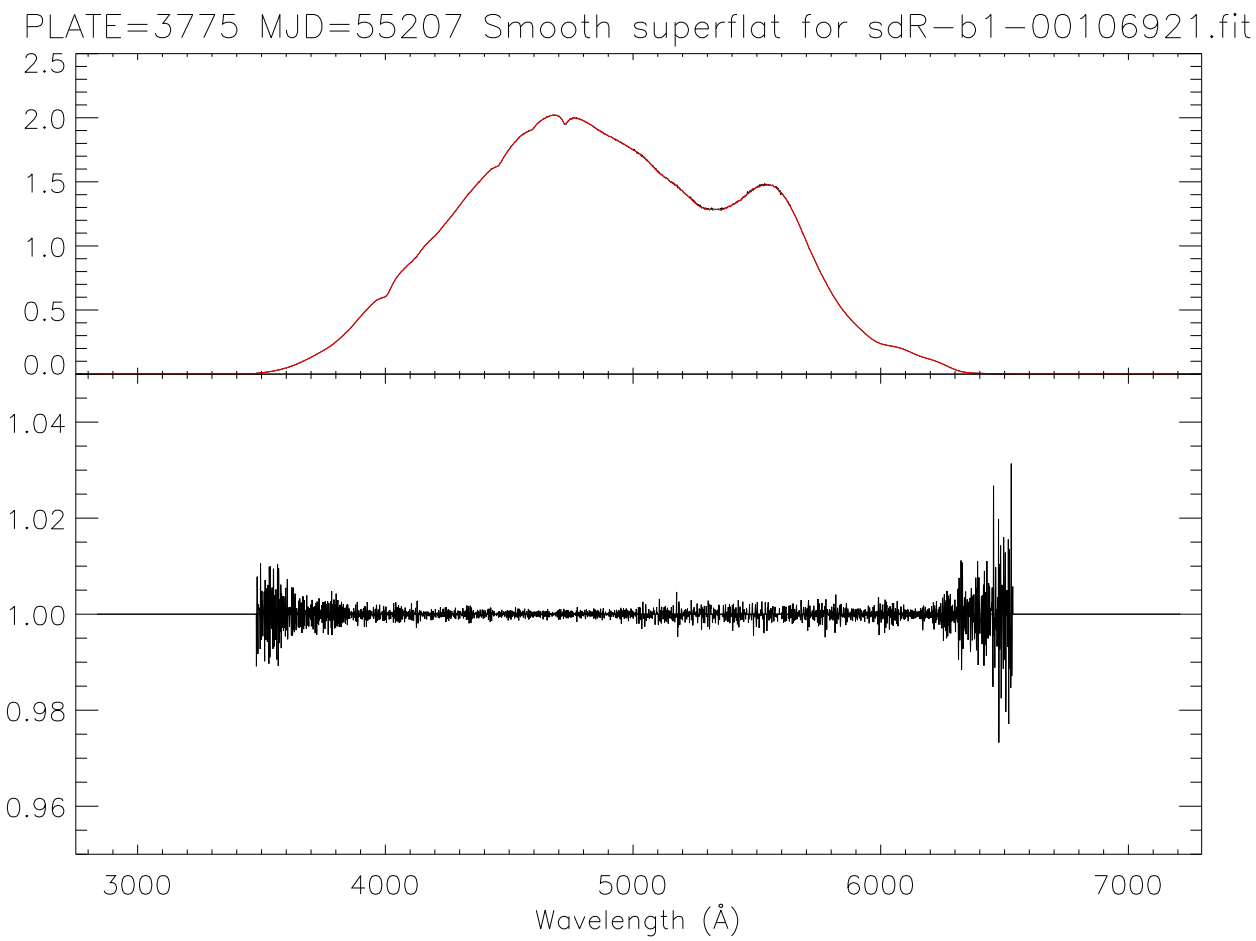

PLATE=3775 MJD=55207 Superflat sdR-b1-00106926.fit
RED = Superflat fit to central fiber
BLACK = 2.3 15.8 50.0 84.2 97.7 percentiles
Normalized flux
0.0
0.5
1.0
1.5
2.0
3500
4000
4500
5000
5500
6000
6500
λ [A]

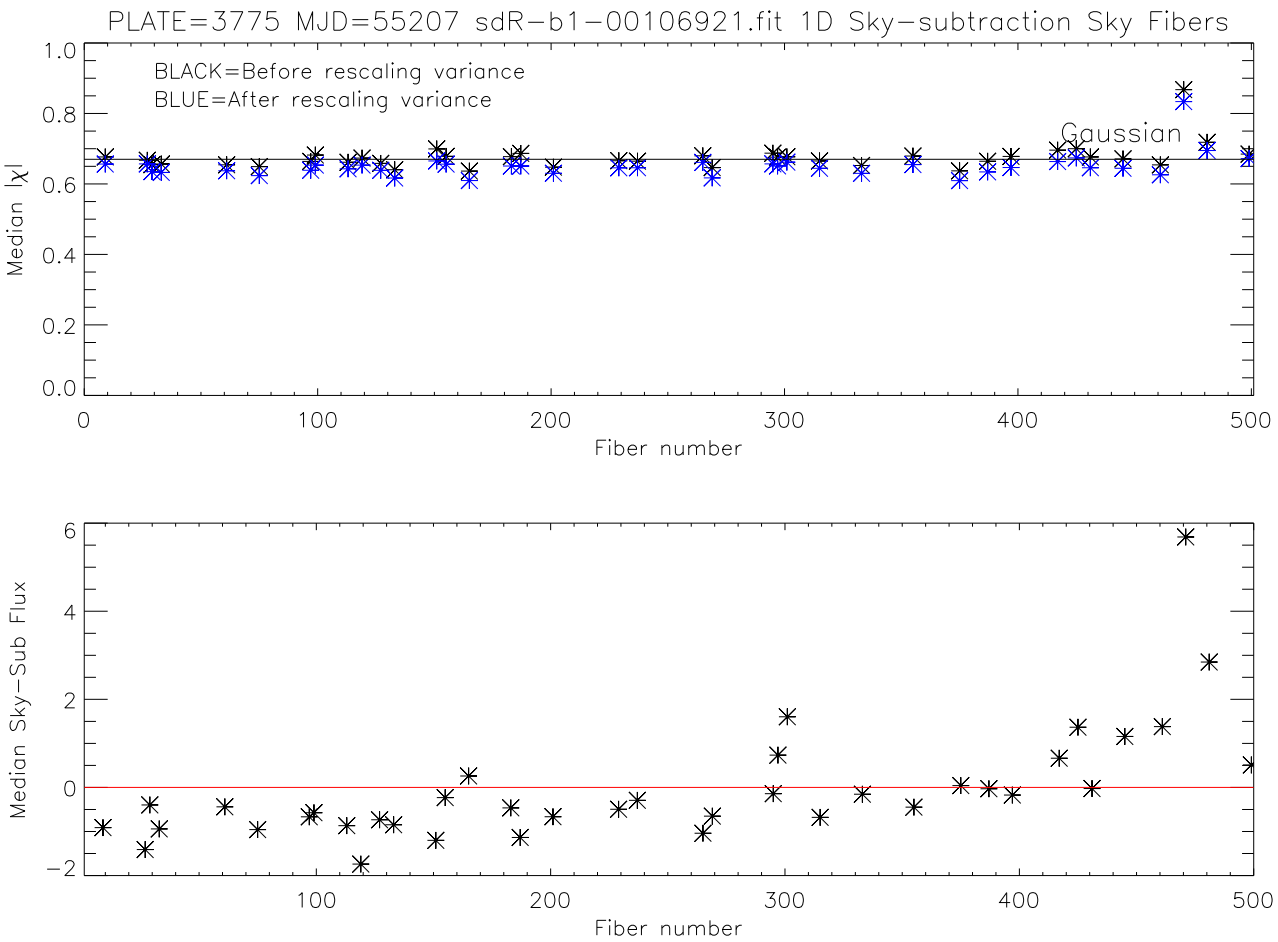

PLATE=3775 MJD=55207 Arcline Fit for sdR-b1-00106927.fit
Fiber Number
500
400
300
200
100
0
3000
4000
5000
6000
7000
λ [A] + 300 * Deviation
Ncoeff = 6
Deviation [pix]
0.15
0.10
0.05
−0.00
−0.05
−0.10
−0.15
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 21:11:02 2015

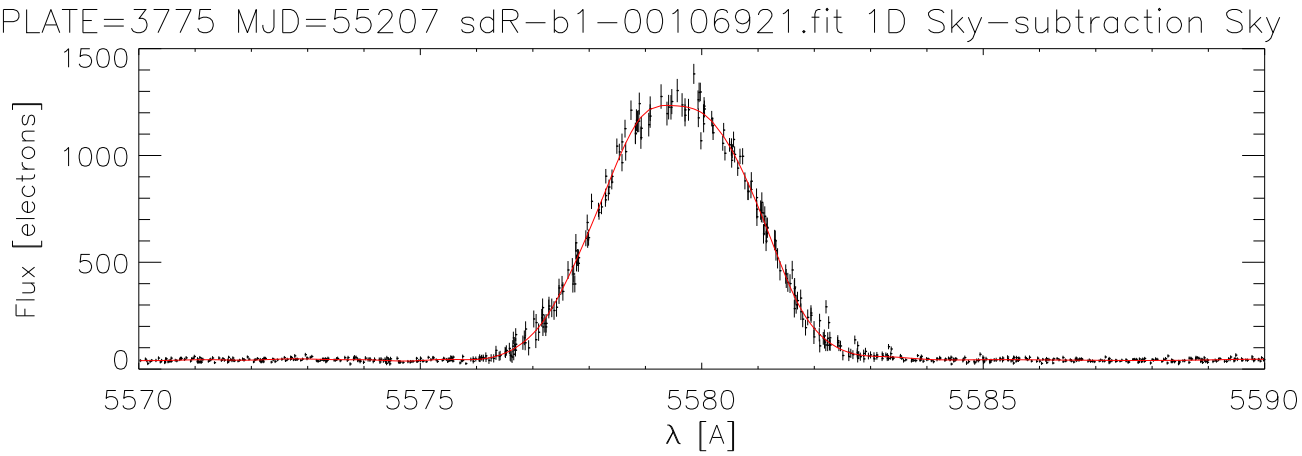

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b1-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = -11.159
Max value = 9.639
Fiber-Flat
0.0
0.5
1.0
1.5
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 21:11:17 2015

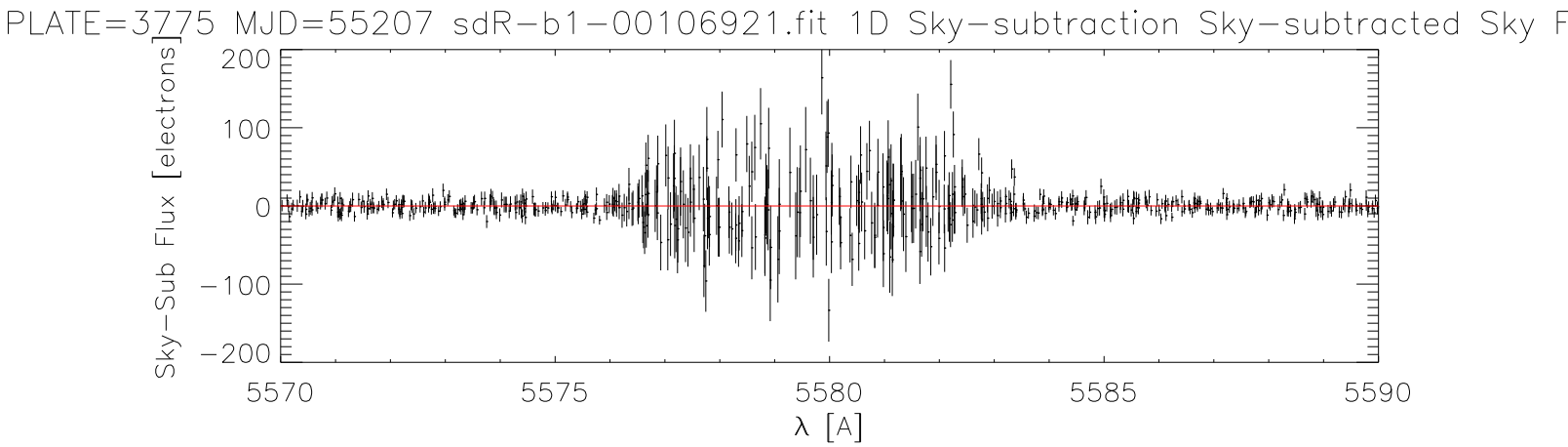

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b1-00106921.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b1-00106921.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

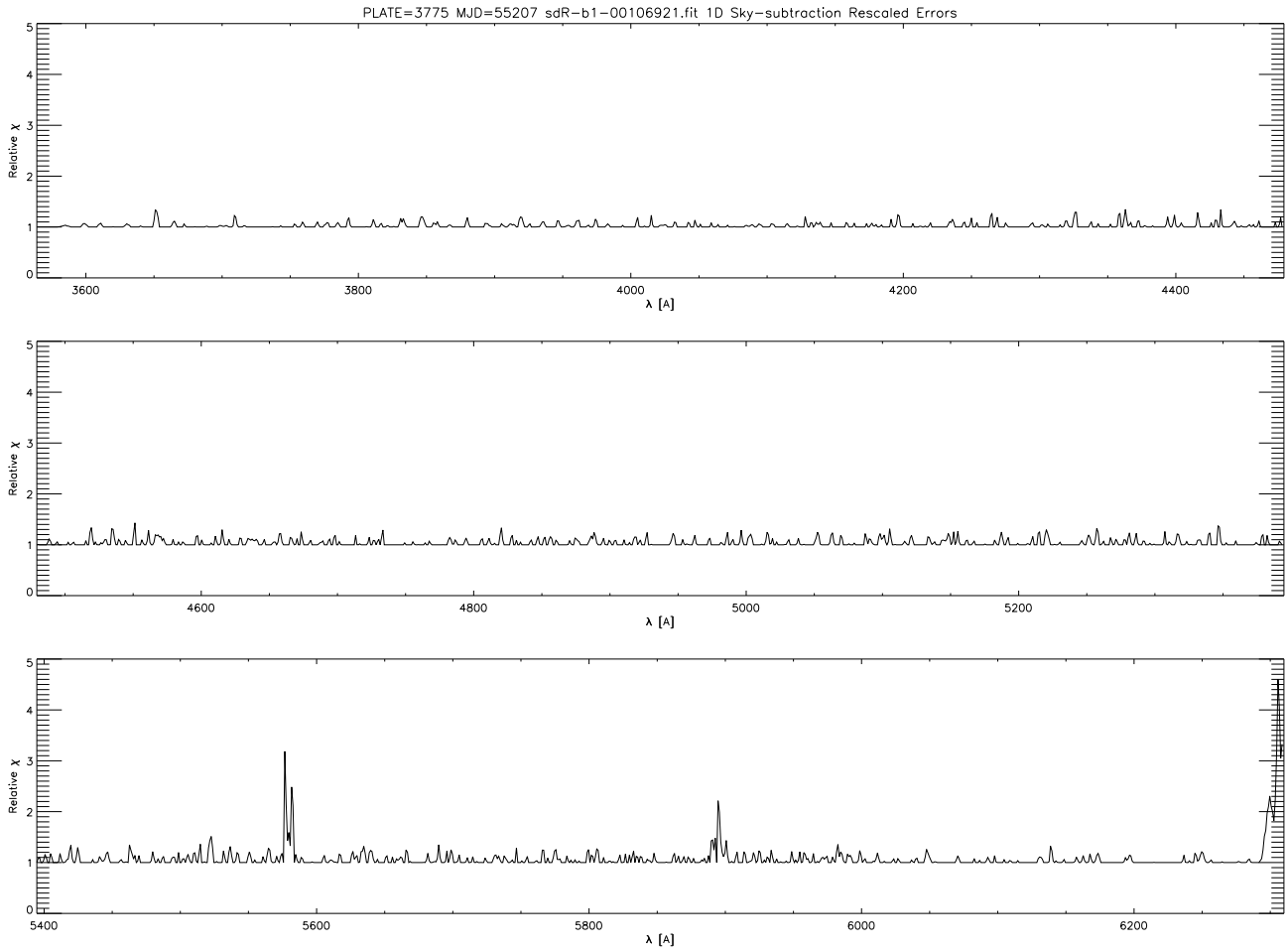

PLATE=3775 MJD=55207 Smooth superflat for sdR-b1-00106921.fit
2.5
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

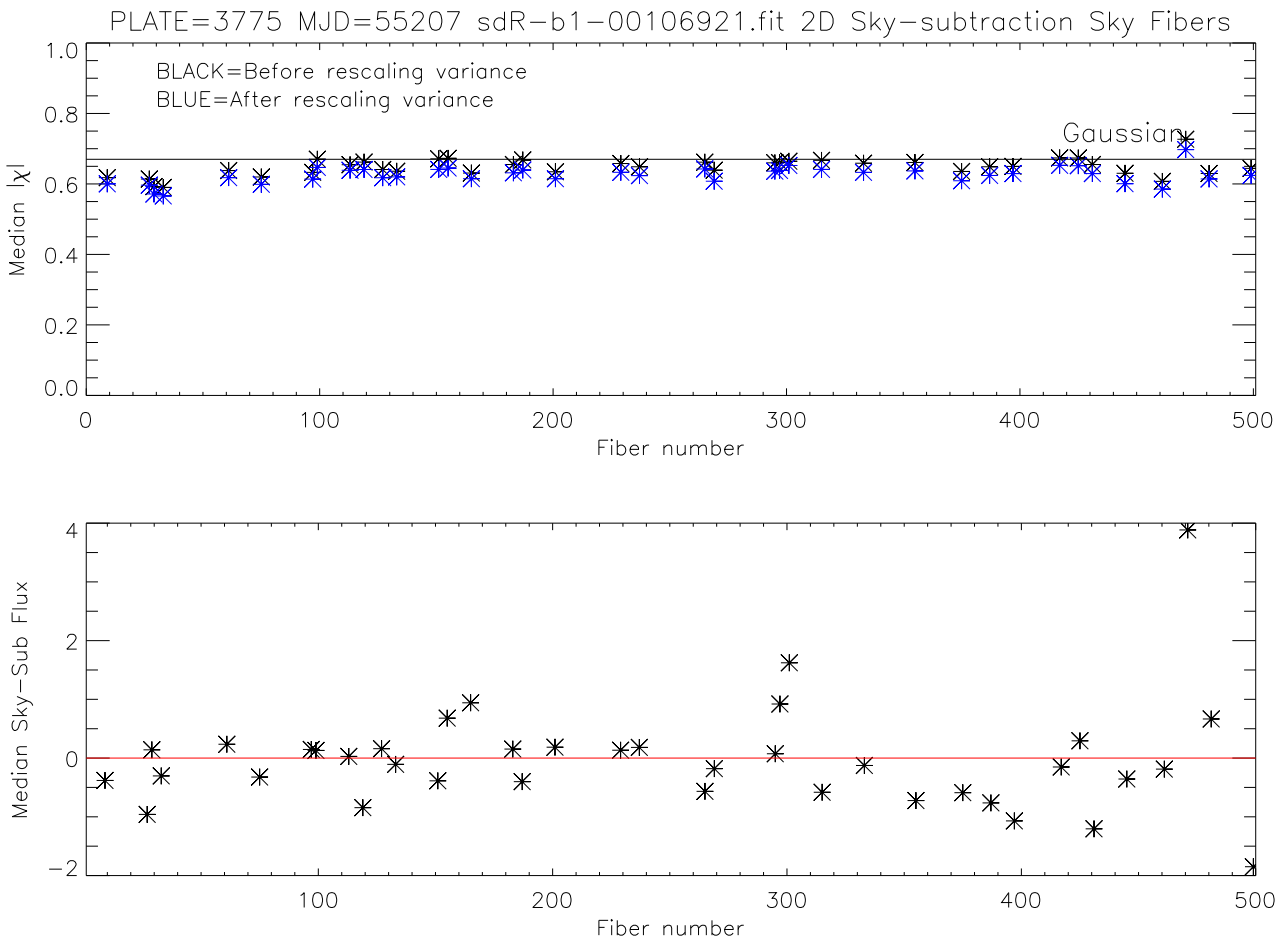

PLATE=3775 MJD=55207 sdR-b1-00106921.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

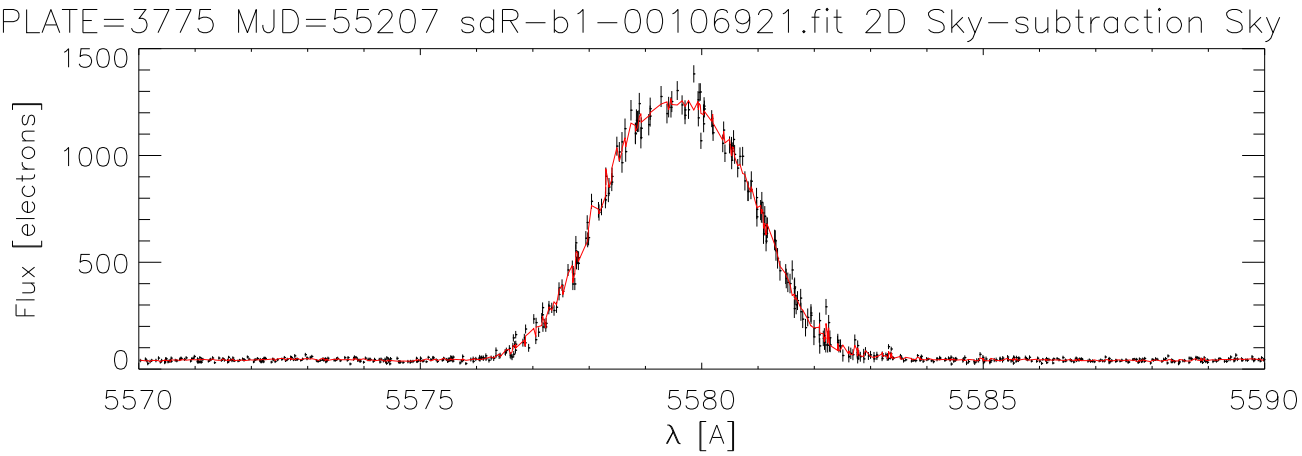

PLATE=3775 MJD=55207 sdR-b1-00106921.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1500
1000
500
0
5570
5575
5580
5585
5590
λ [A]

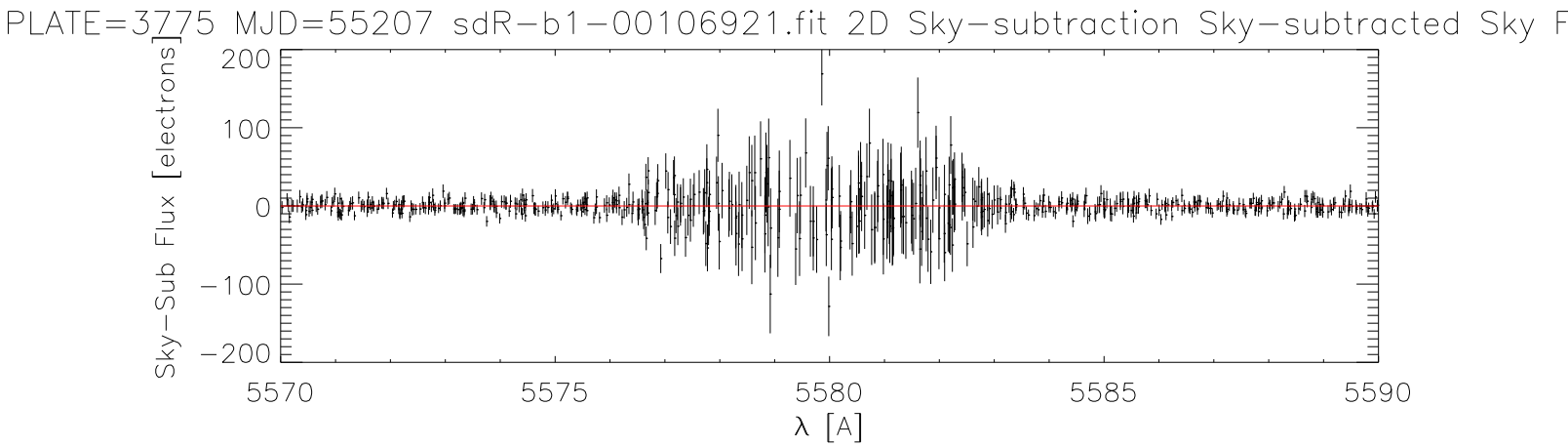

PLATE=3775 MJD=55207 sdR-b1-00106921.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
100
0
-100
-200
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 39

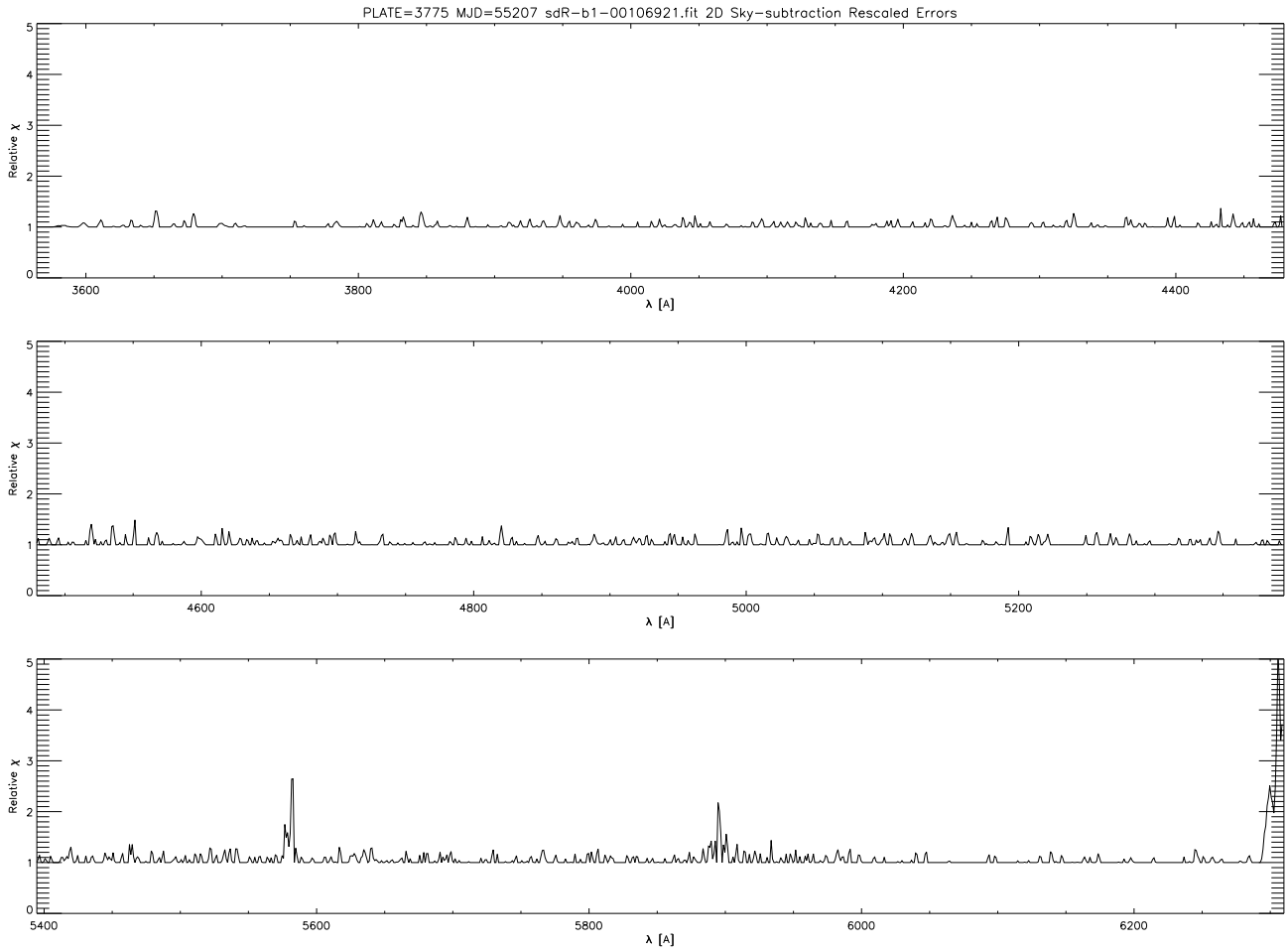


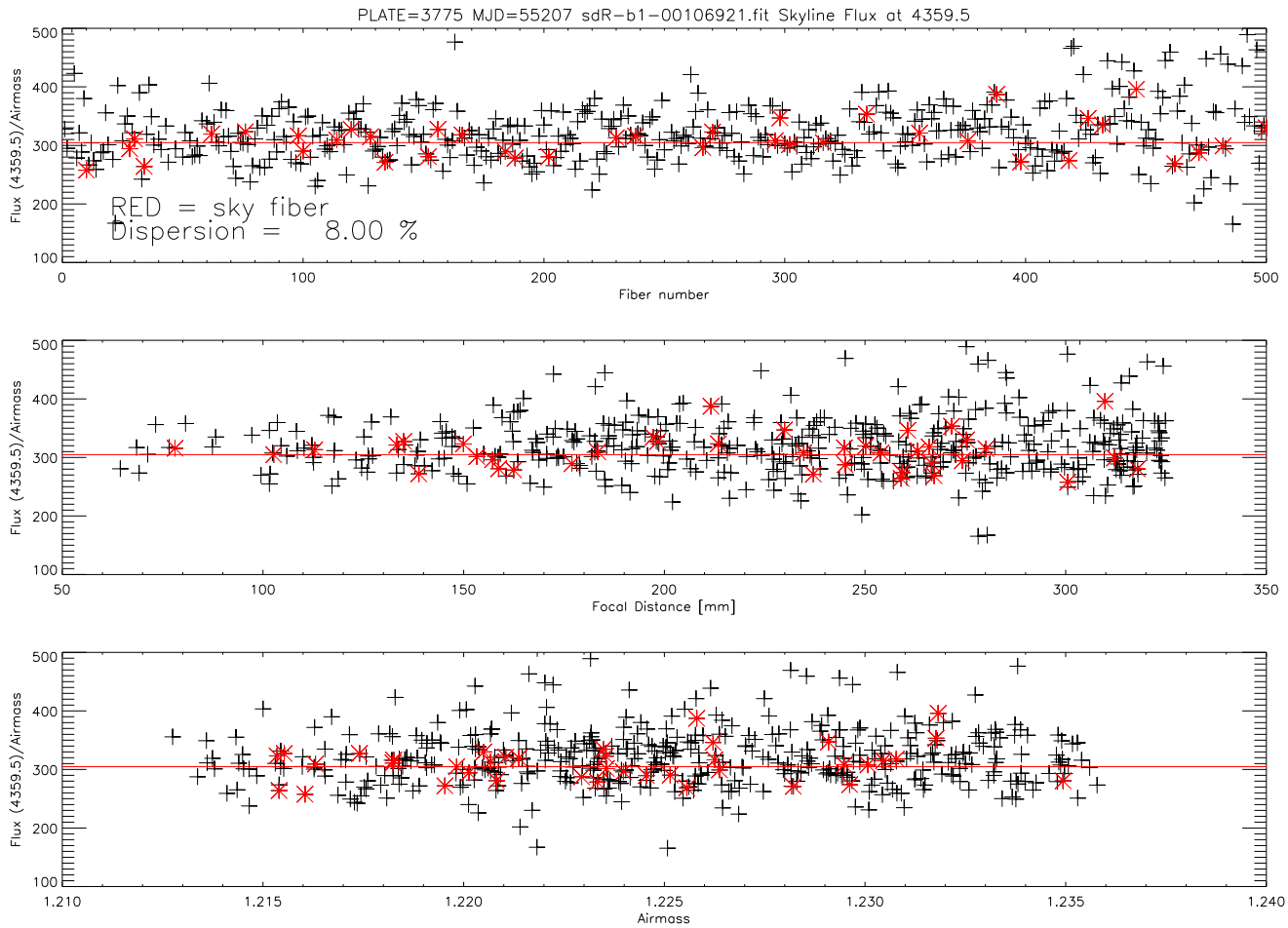

PLATE=3775 MJD=55207 sdR-b1-00106921.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

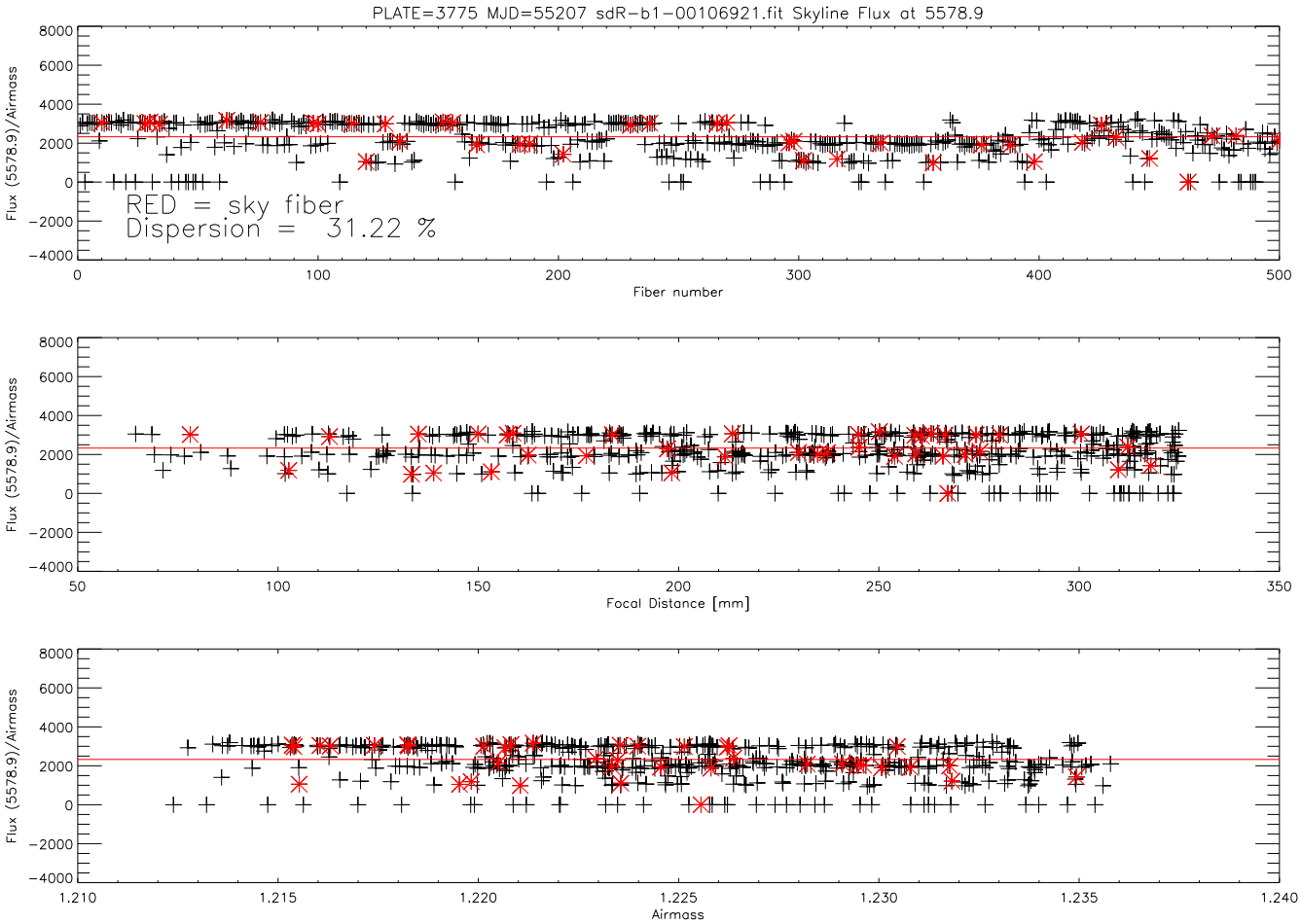

PLATE=3775 MJD=55207 sdR-b1-00106921.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1500
1000
500
0
5570
5575
5580
5585
5590
λ [A]

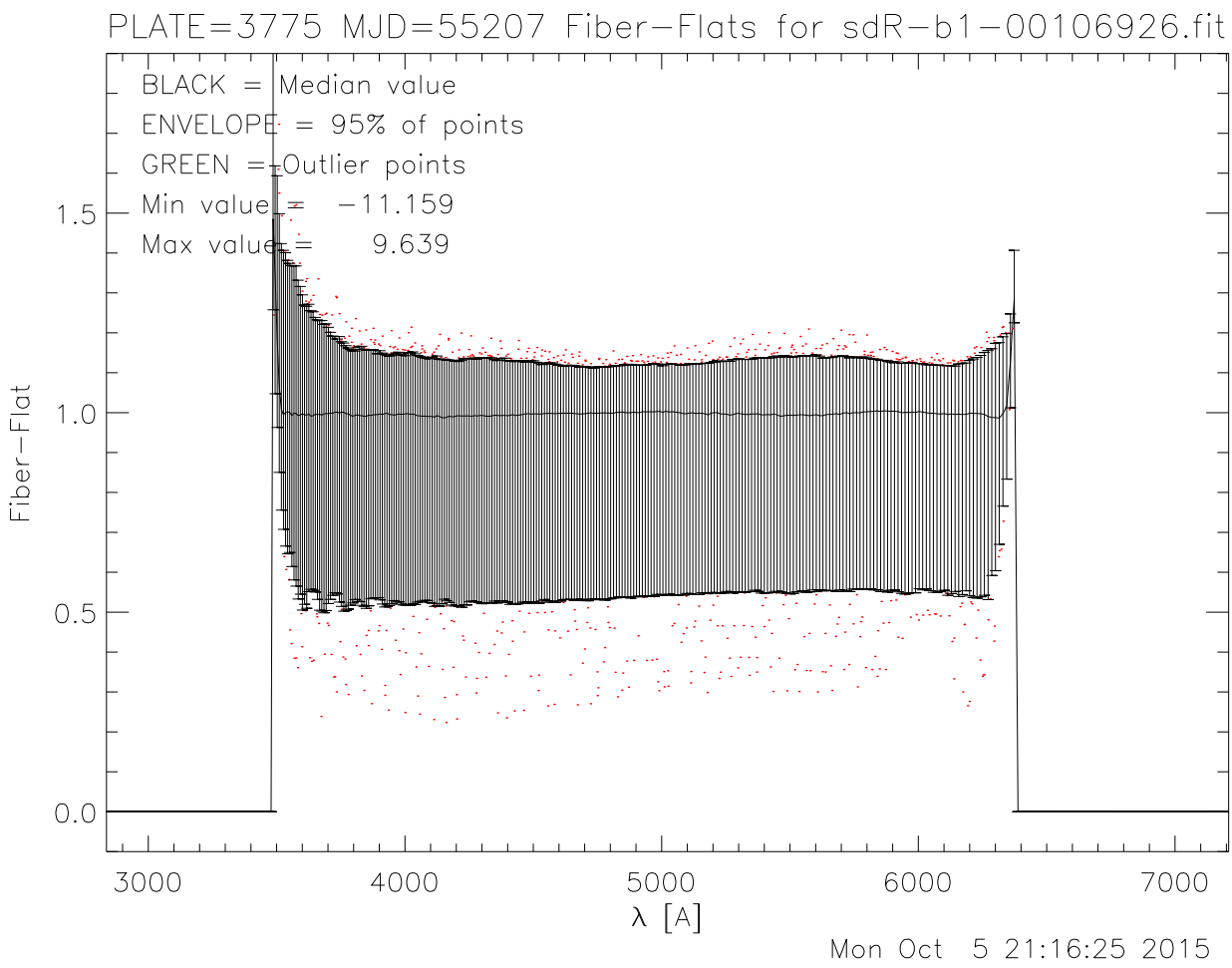

PLATE=3775 MJD=55207 sdR-b1-00106921.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
100
0
-100
-200
5570
5575
5580
5585
5590
λ [A]

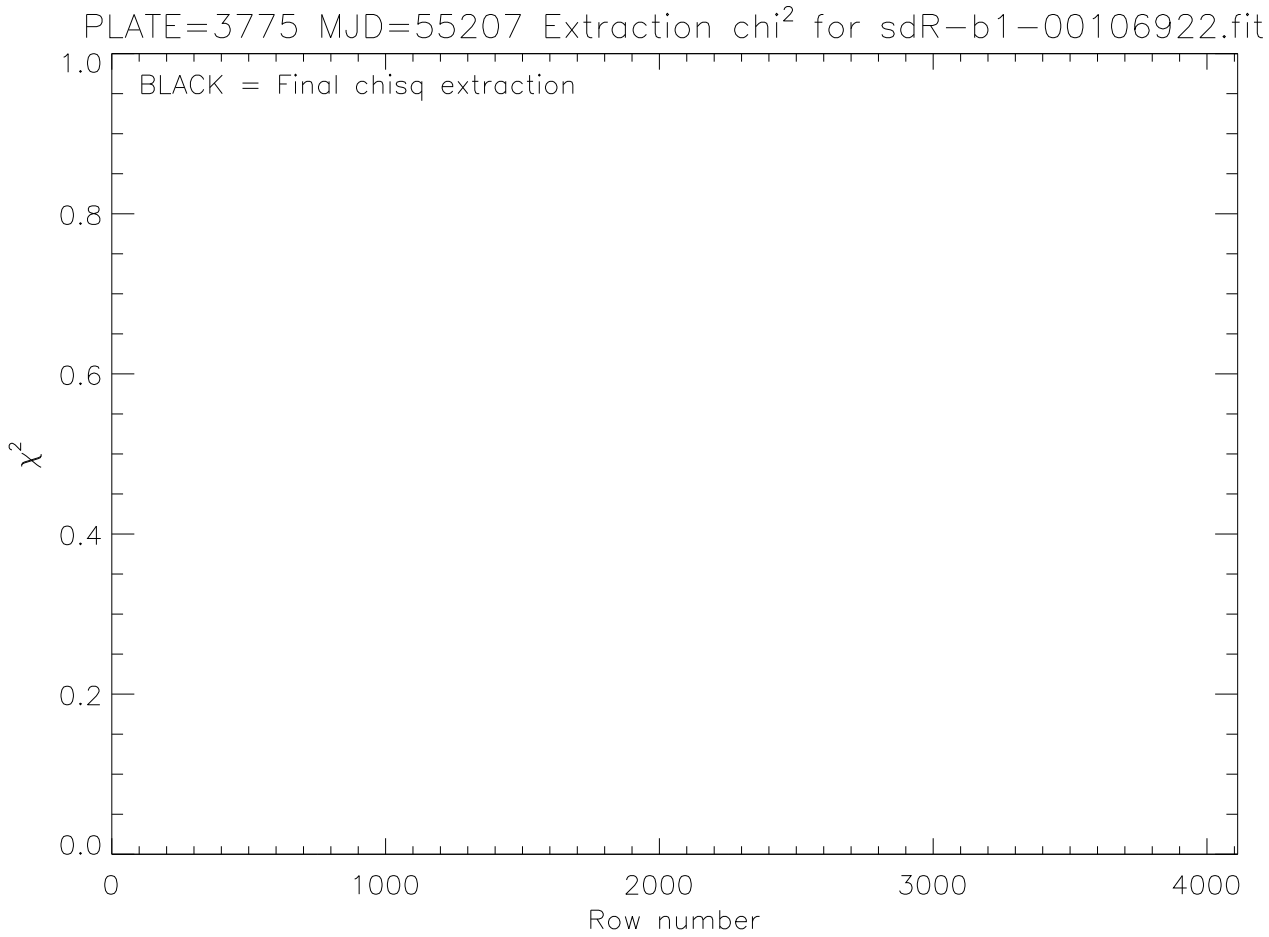
Number of sky fibers = 39

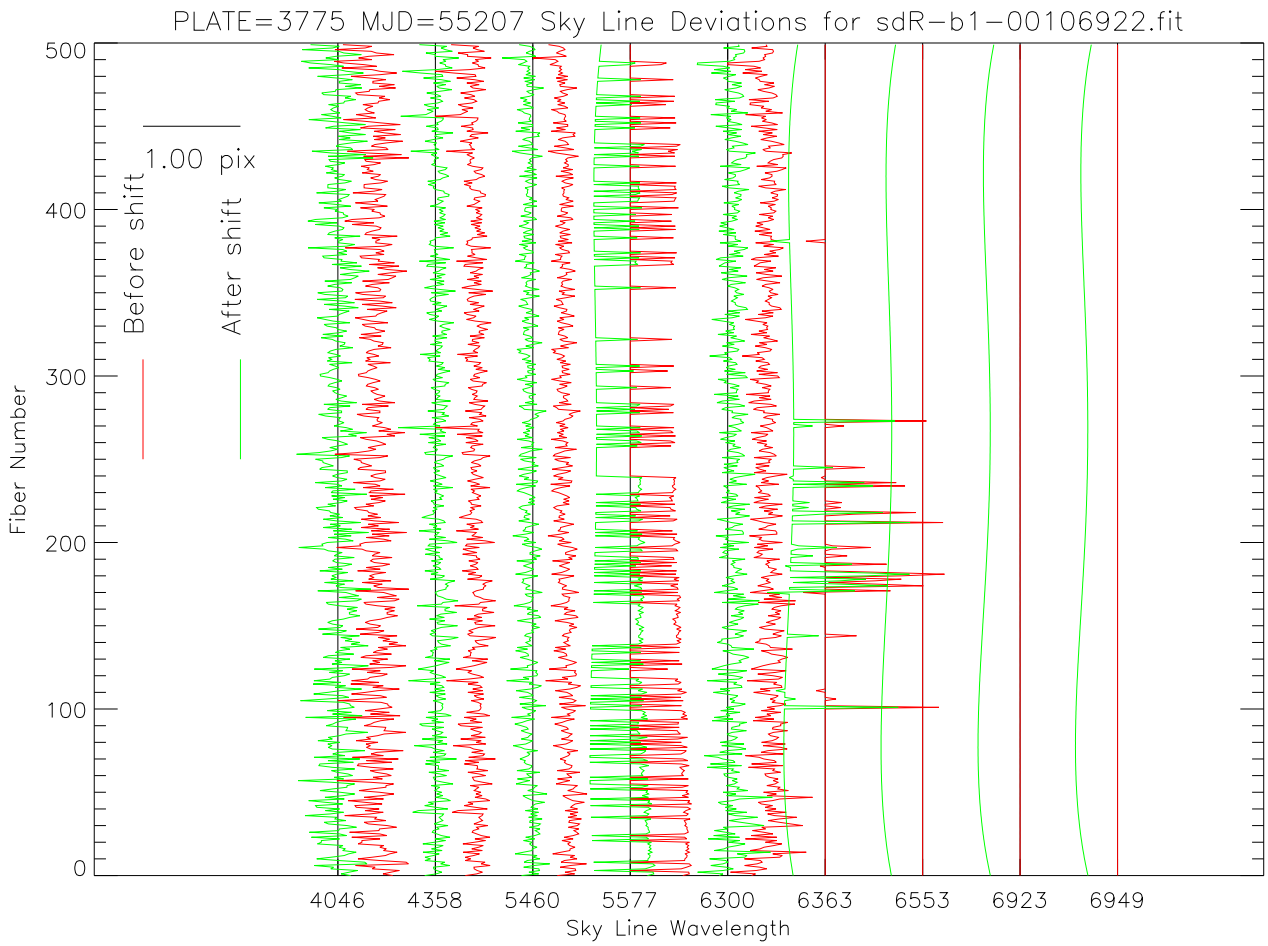


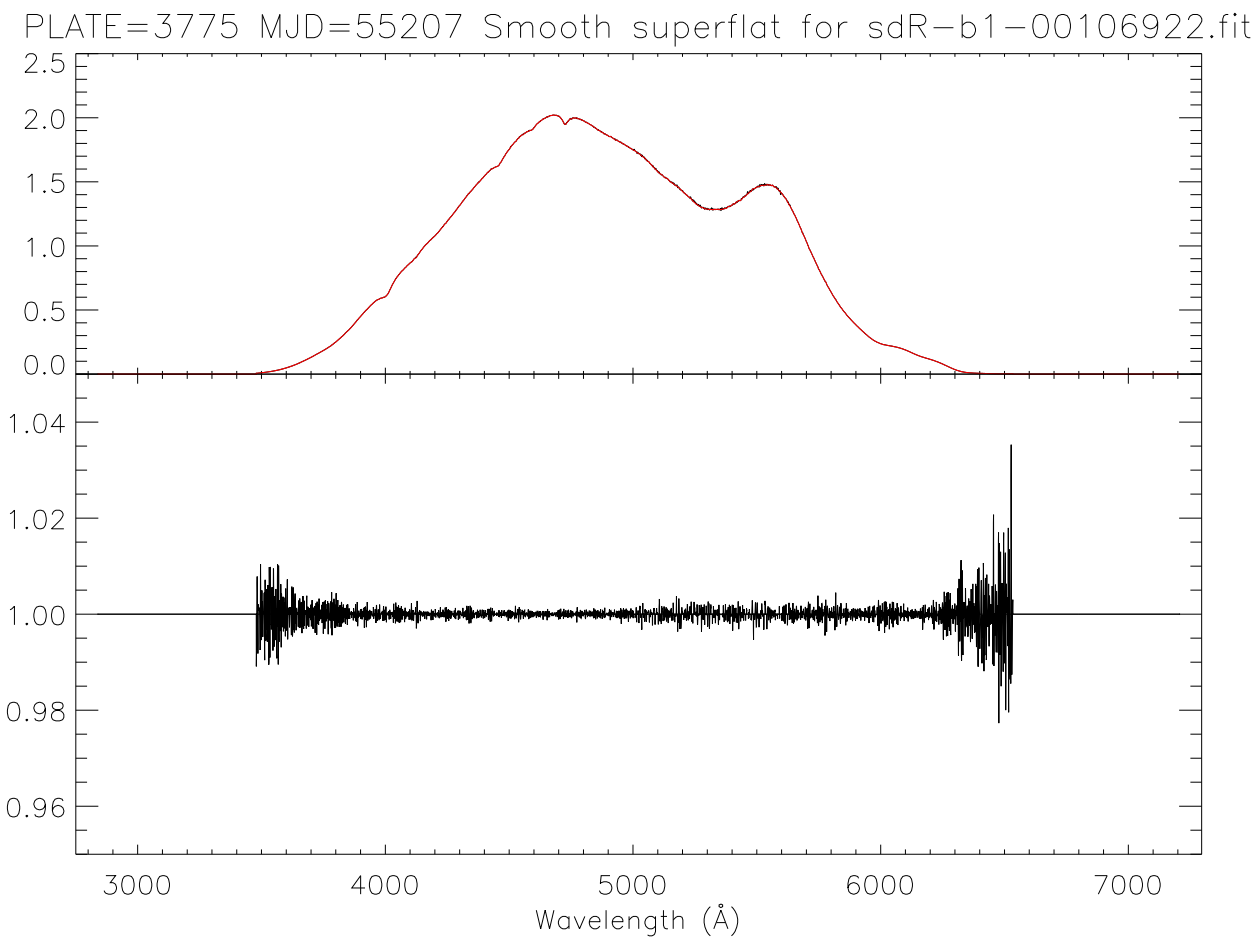

PLATE=3775 MJD=55207 sdR-b1-00106921.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
RED = sky fiber
Dispersion = 8.00 %
Fiber number
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

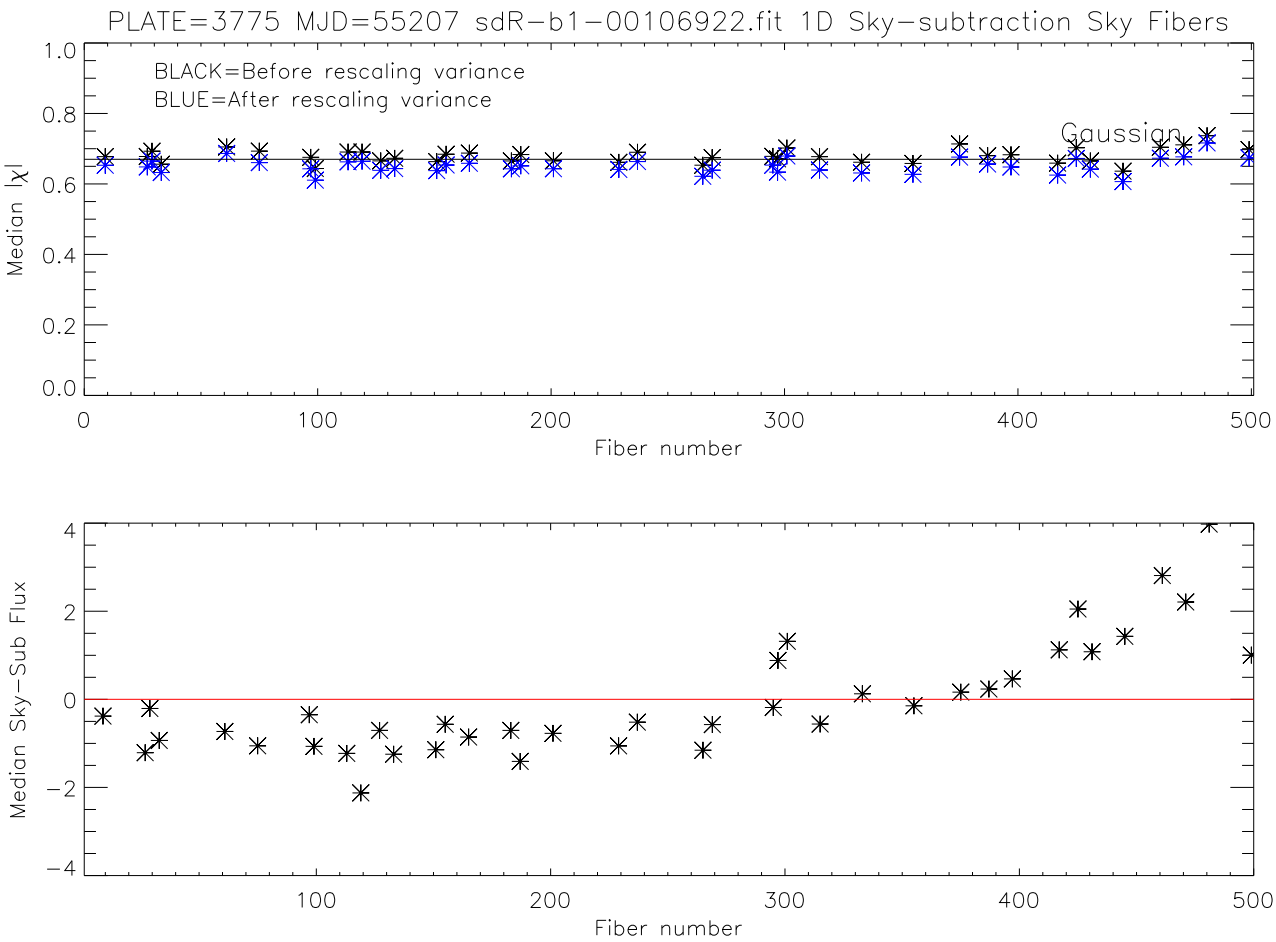

PLATE=3775 MJD=55207 sdR-b1-00106921.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
RED = sky fiber
Dispersion = 31.22 %
Fiber number
Flux (5578.9)/Airmass
Focal Distance [mm]
Flux (5578.9)/Airmass
Airmass

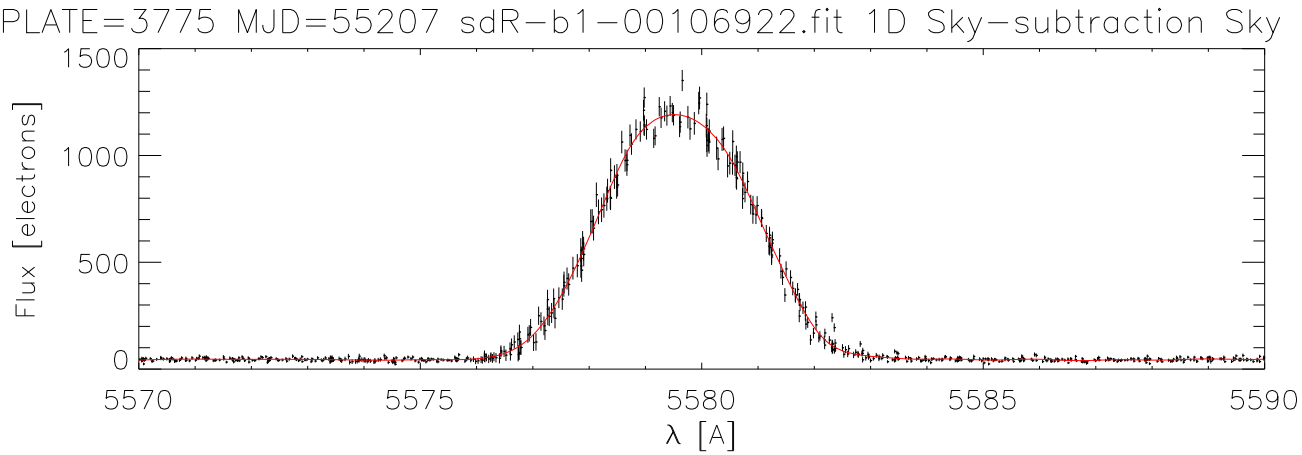

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b1-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = -11.159
Max value = 9.639
Fiber-Flat
1.5
1.0
0.5
0.0
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 21:16:25 2015

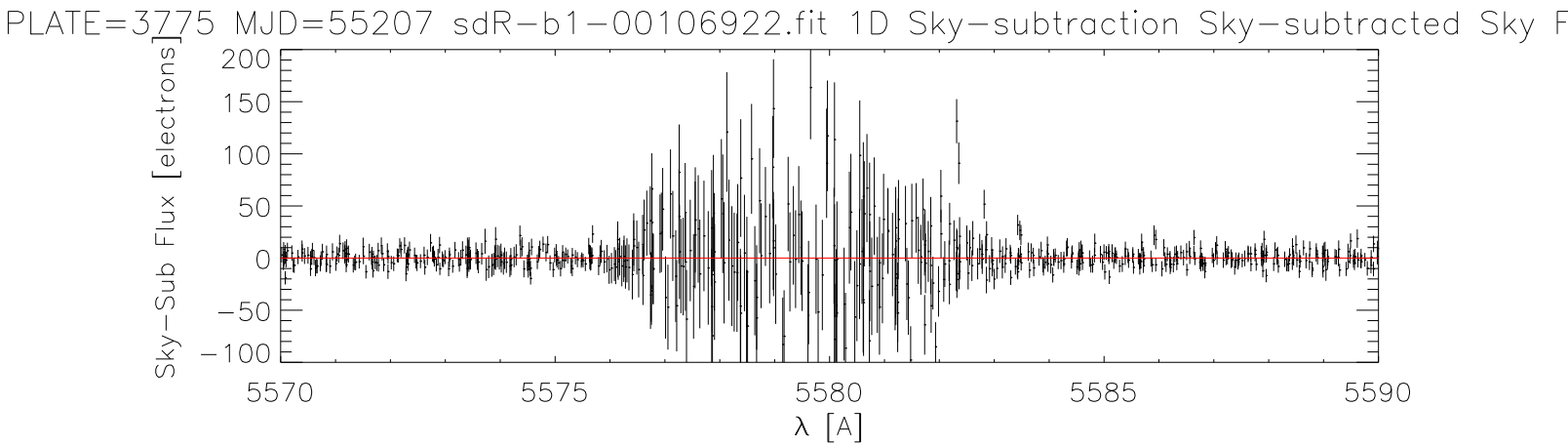

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b1-00106922.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b1-00106922.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

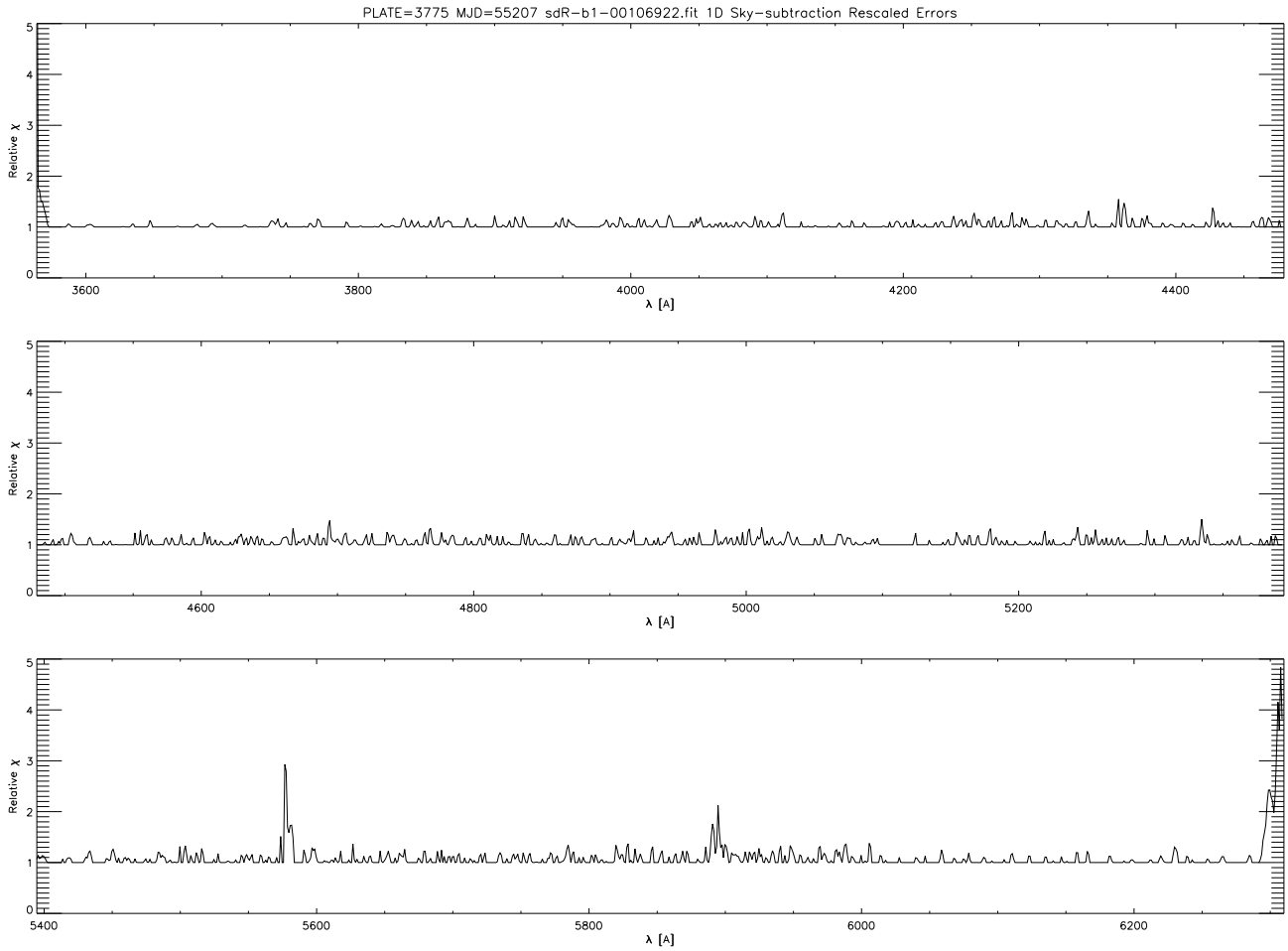

PLATE=3775 MJD=55207 Smooth superflat for sdR-b1-00106922.fit
2.5
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

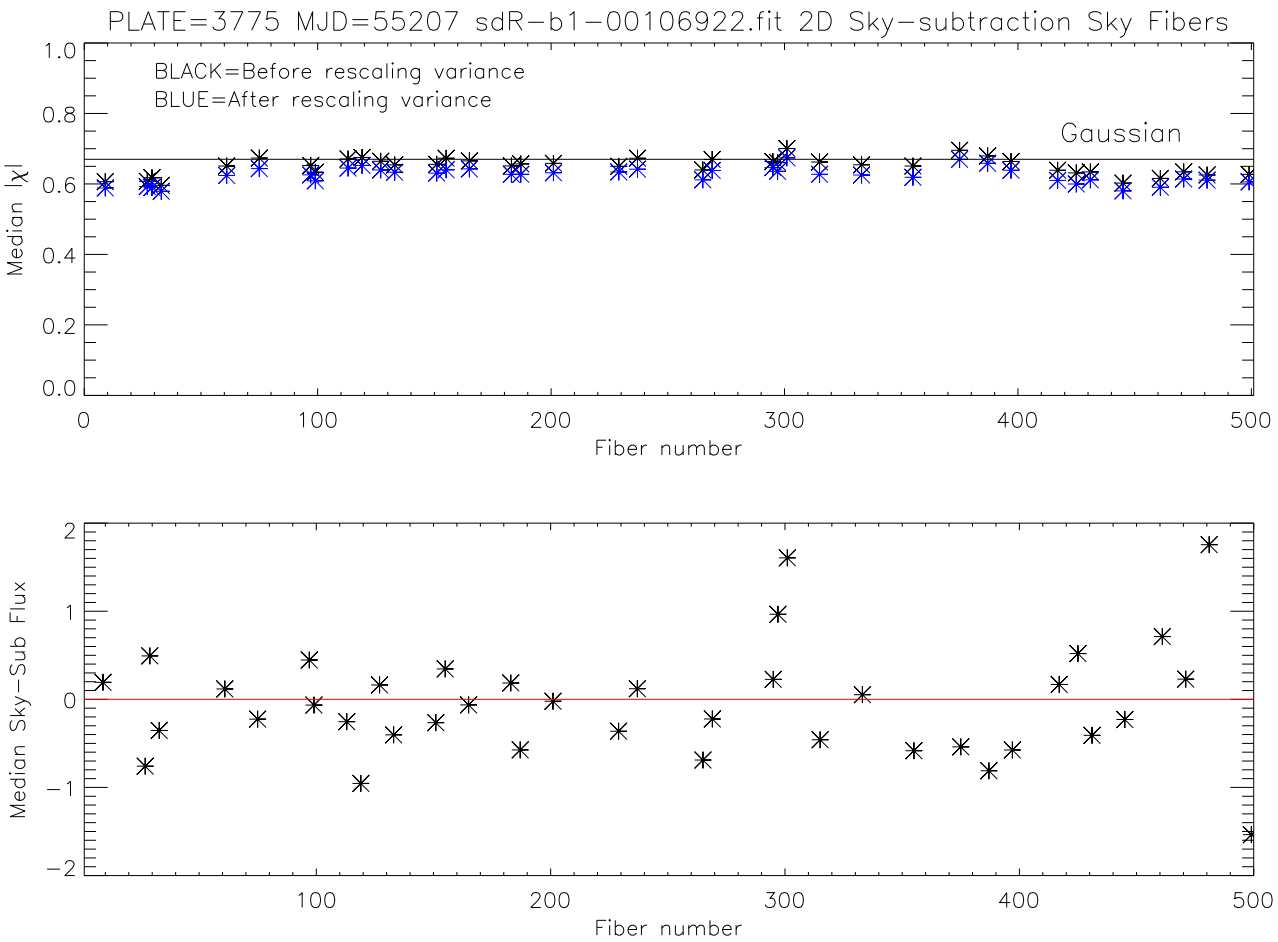

PLATE=3775 MJD=55207 sdR-b1-00106922.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

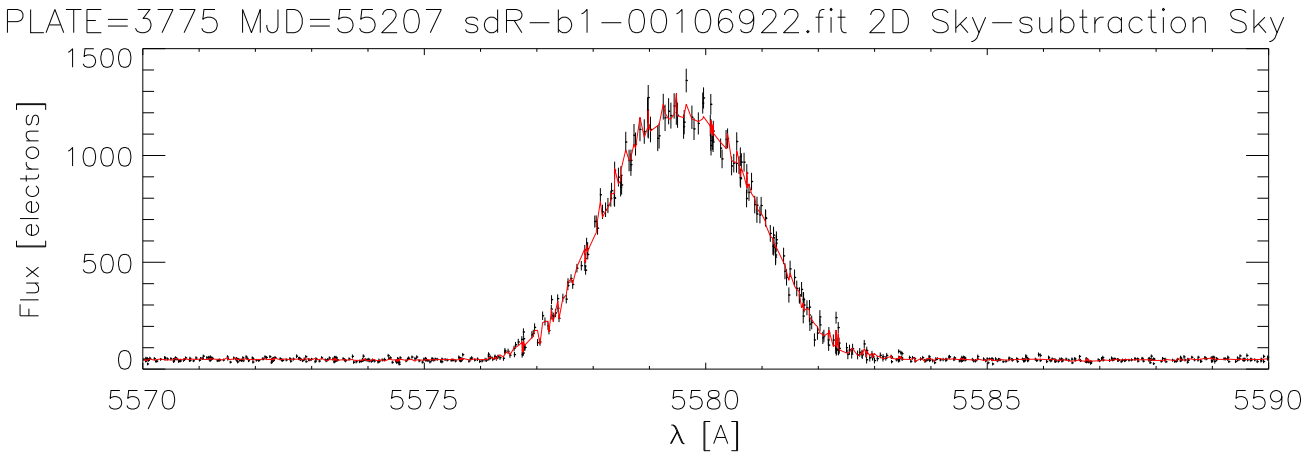

PLATE=3775 MJD=55207 sdR-b1-00106922.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1500
1000
500
0
5570
5575
5580
5585
5590
λ [A]

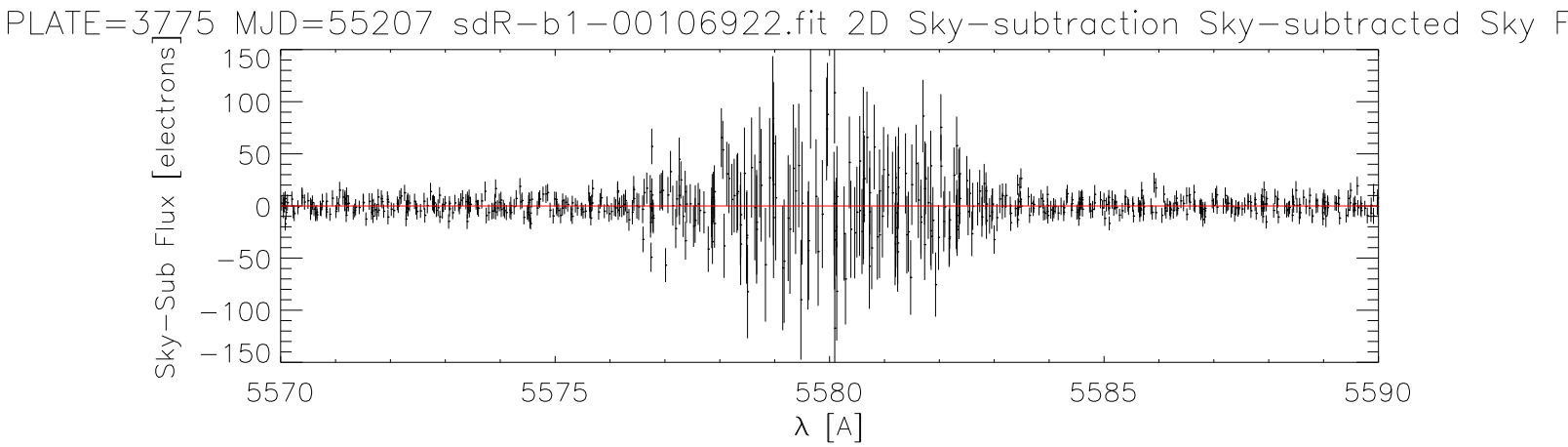

PLATE=3775 MJD=55207 sdR-b1-00106922.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
150
100
50
0
-50
-100
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 39

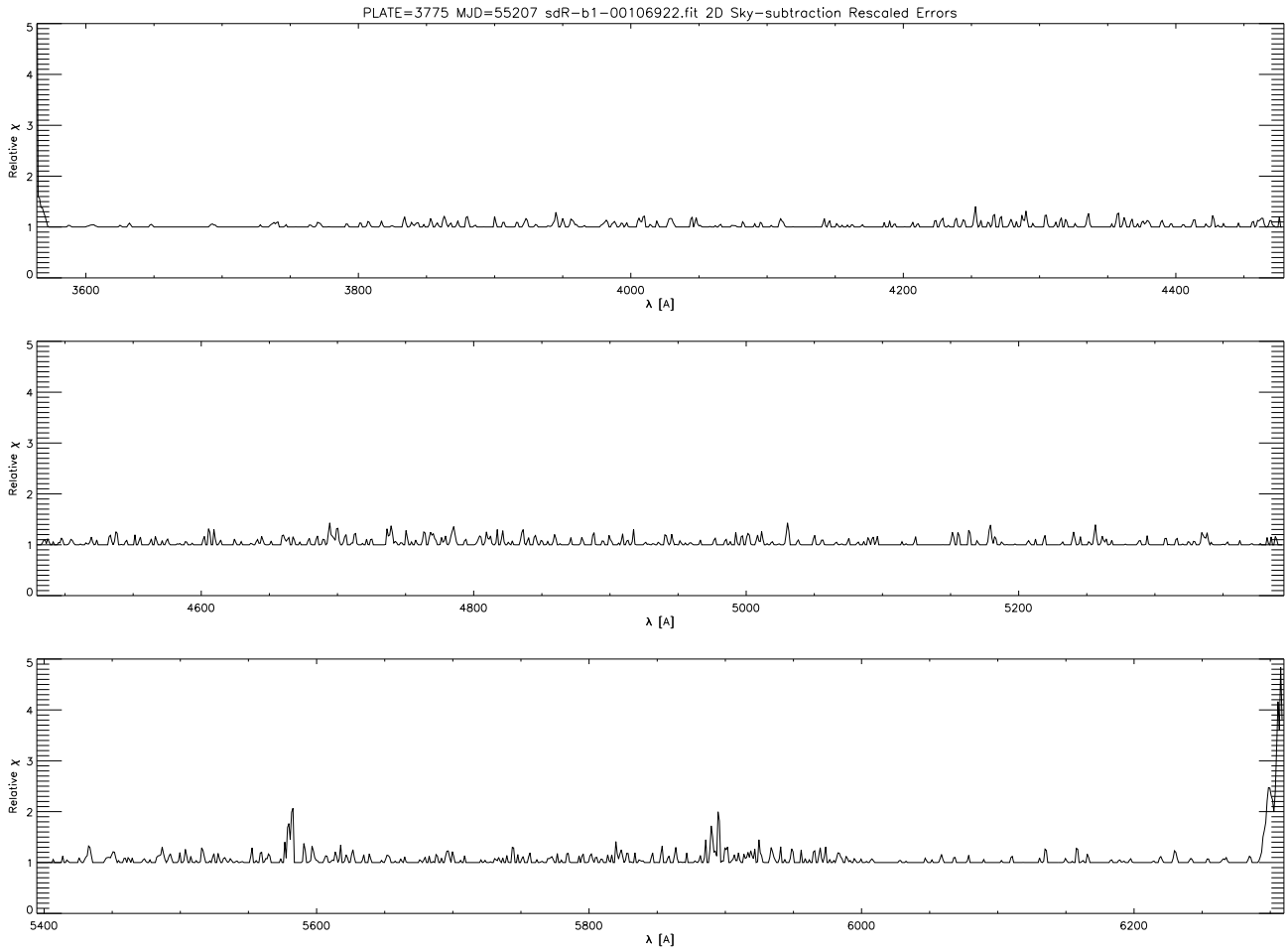


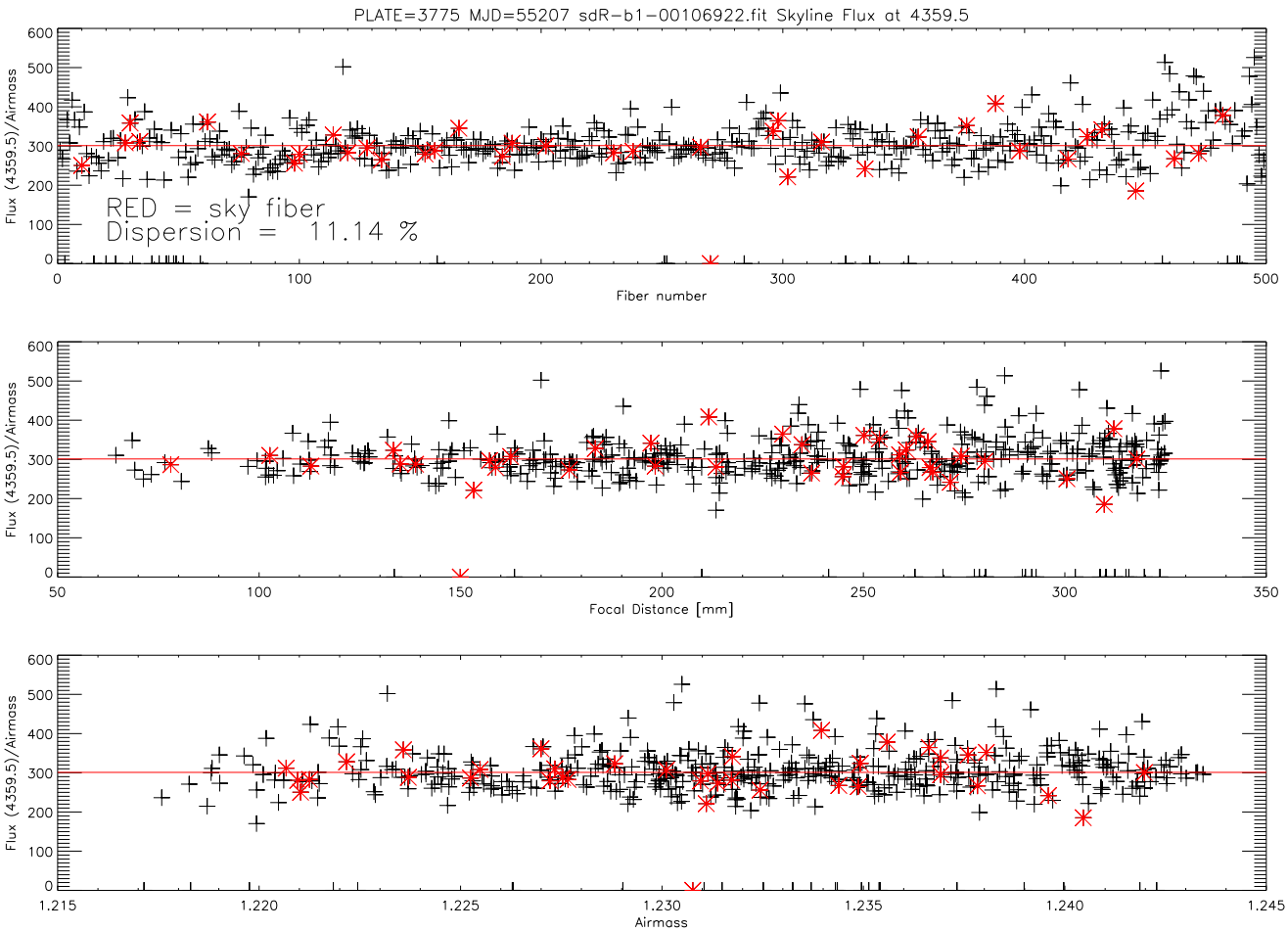

PLATE=3775 MJD=55207 sdR-b1-00106922.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

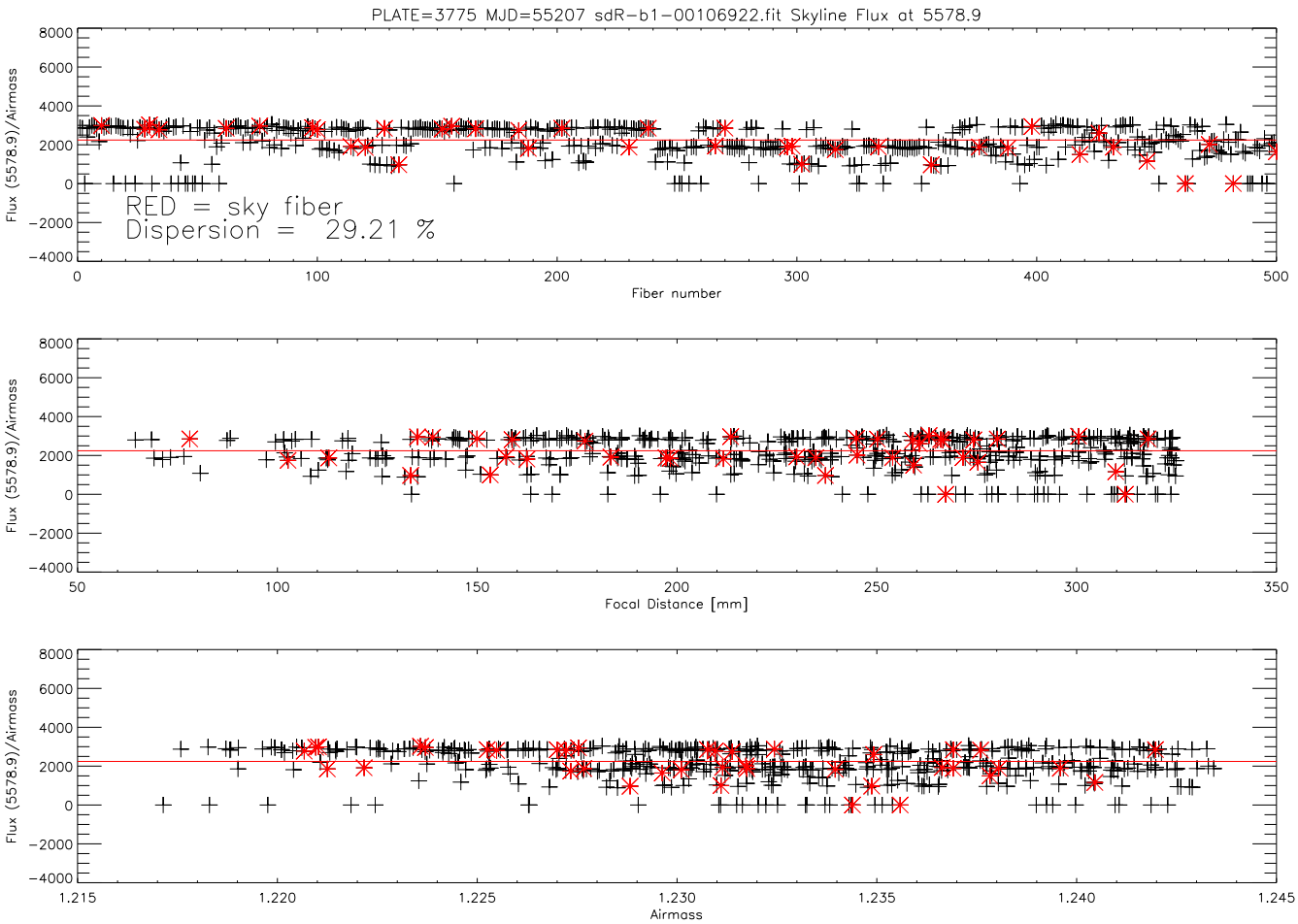

PLATE=3775 MJD=55207 sdR-b1-00106922.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1500
1000
500
0
5570
5575
5580
5585
5590
λ [A]

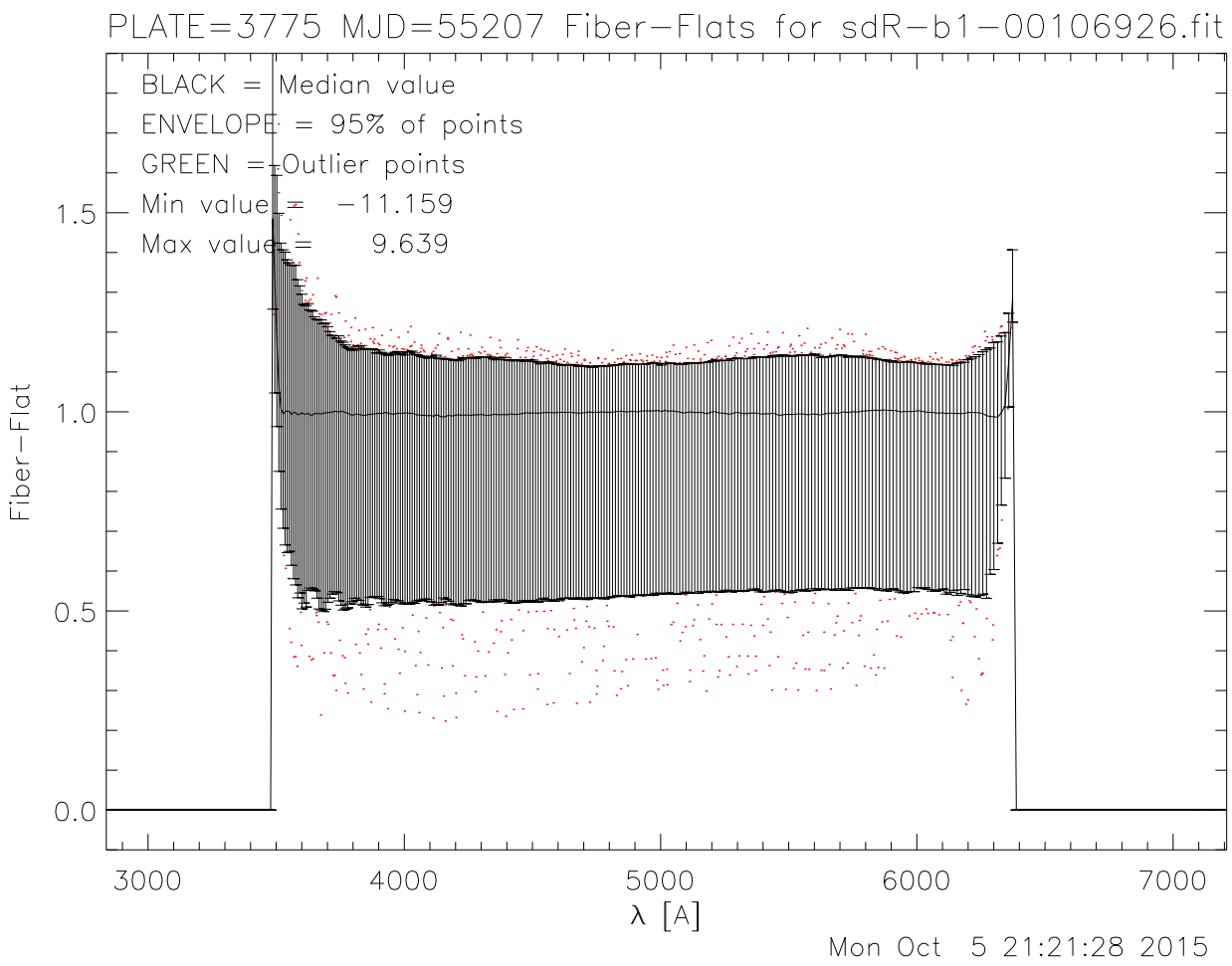

PLATE=3775 MJD=55207 sdR-b1-00106922.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
150
100
50
0
-50
-100
-150
5570
5575
5580
5585
5590
λ [A]

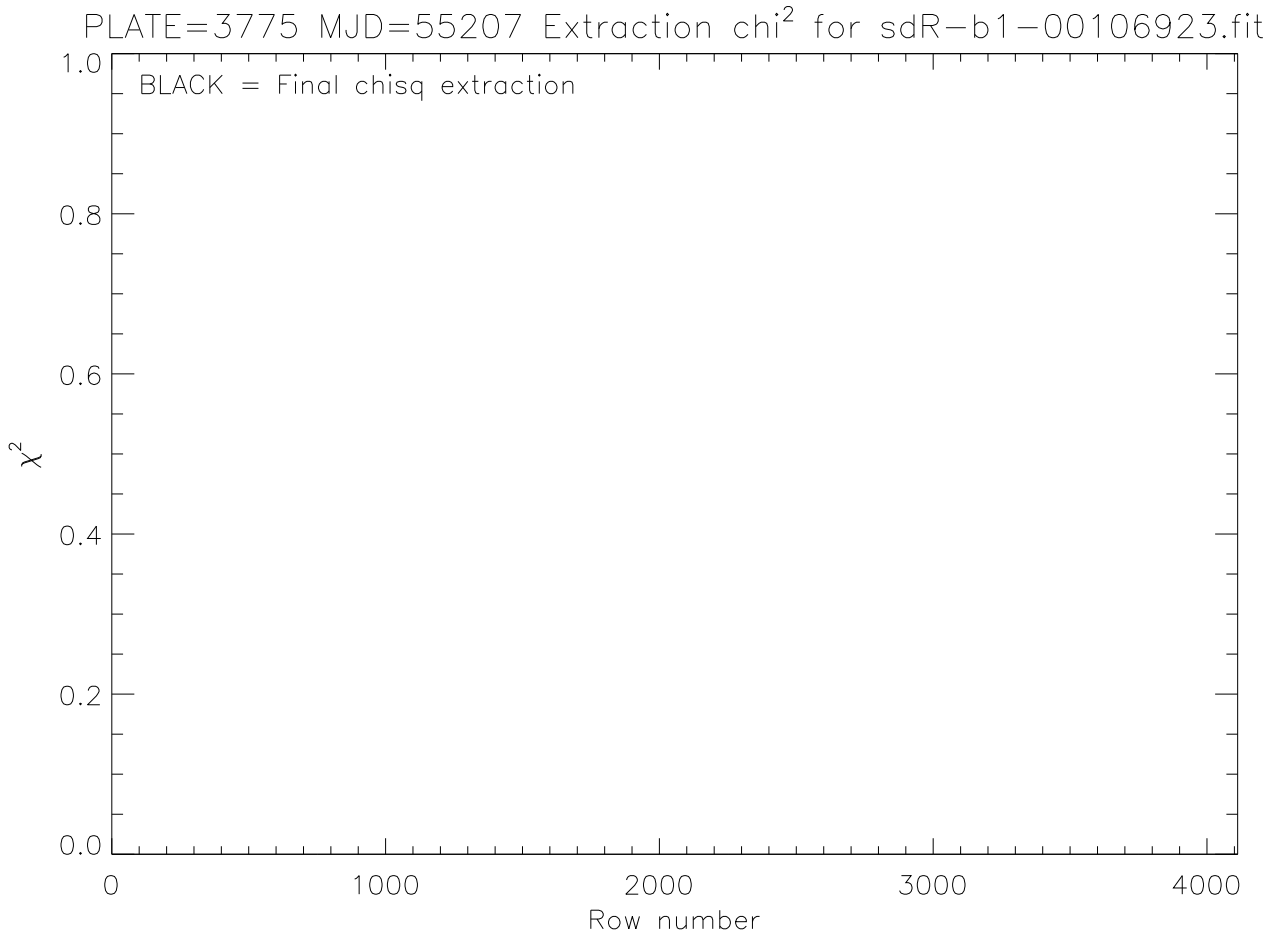
Number of sky fibers = 39

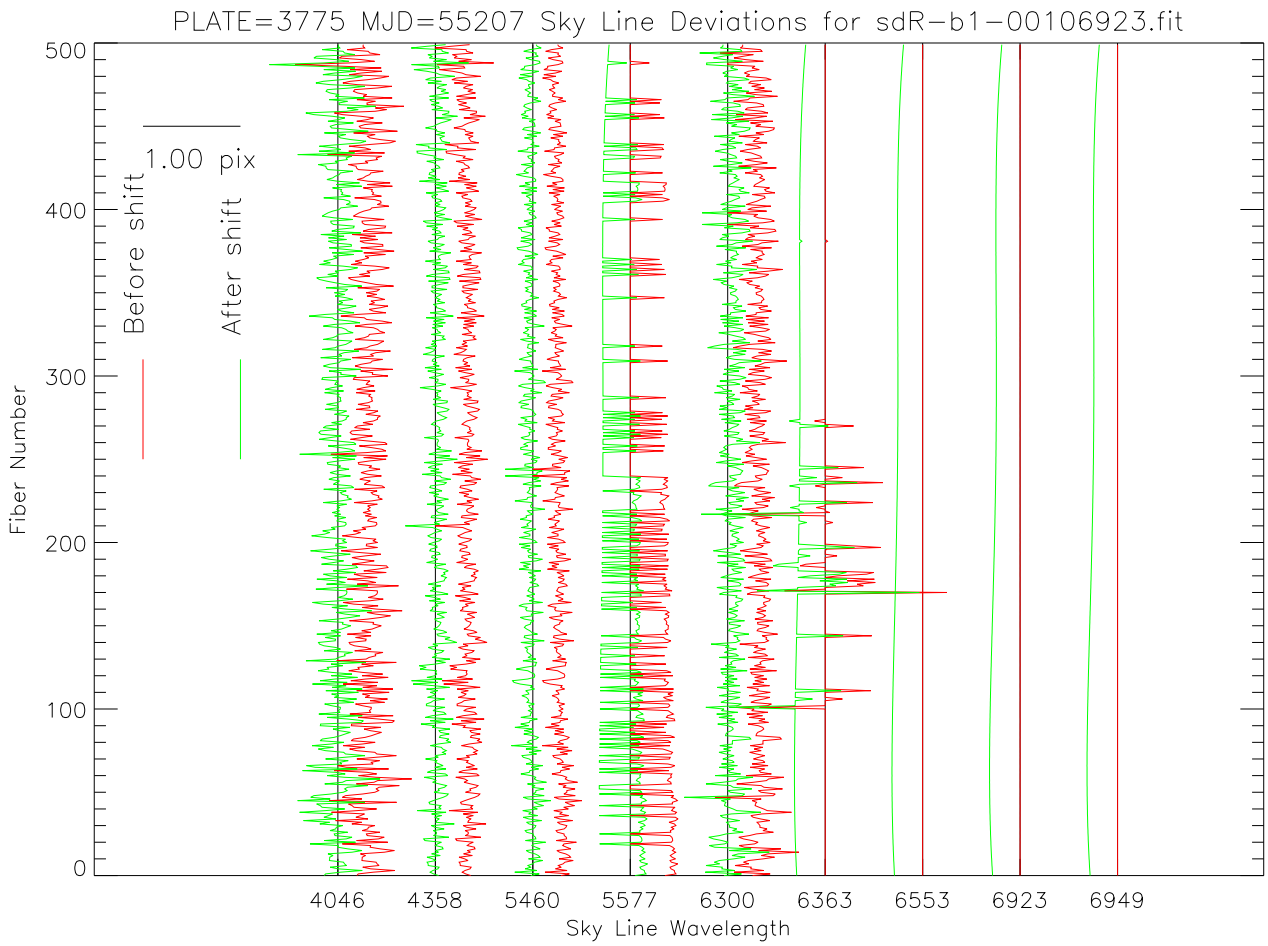


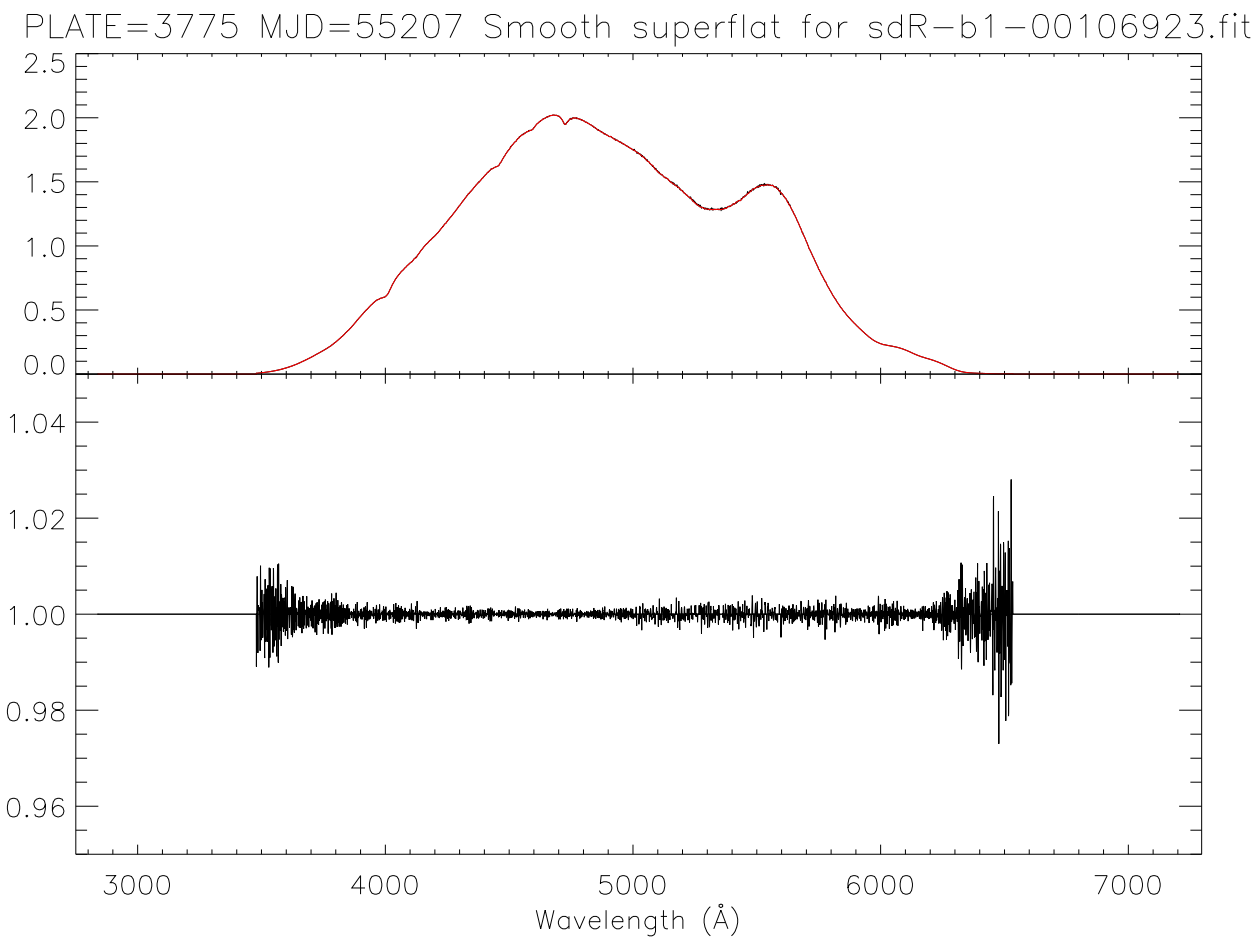

PLATE=3775 MJD=55207 sdR-b1-00106922.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
RED = sky fiber
Dispersion = 11.14 %
Fiber number
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

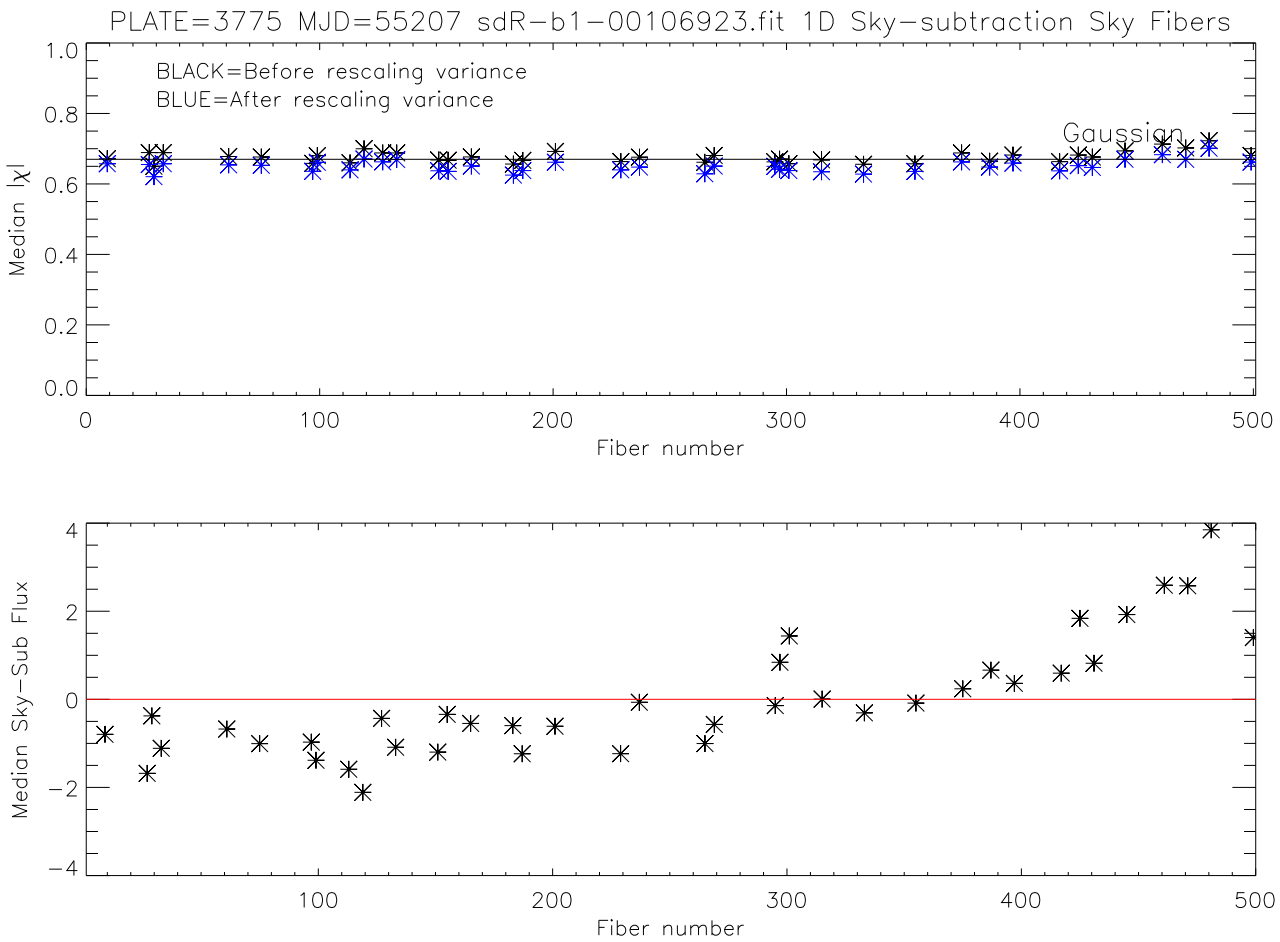

PLATE=3775 MJD=55207 sdR-b1-00106922.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
RED = sky fiber
Dispersion = 29.21 %
Fiber number
Flux (5578.9)/Airmass
Focal Distance [mm]
Flux (5578.9)/Airmass
Airmass

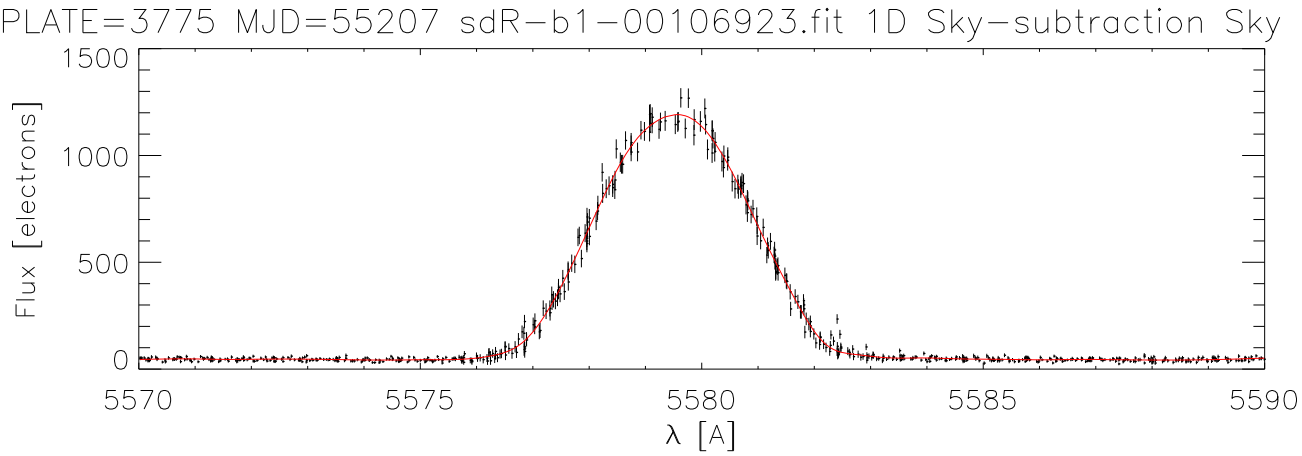

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b1-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = -11.159
Max value = 9.639
Fiber-Flat
1.5
1.0
0.5
0.0
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 21:21:28 2015

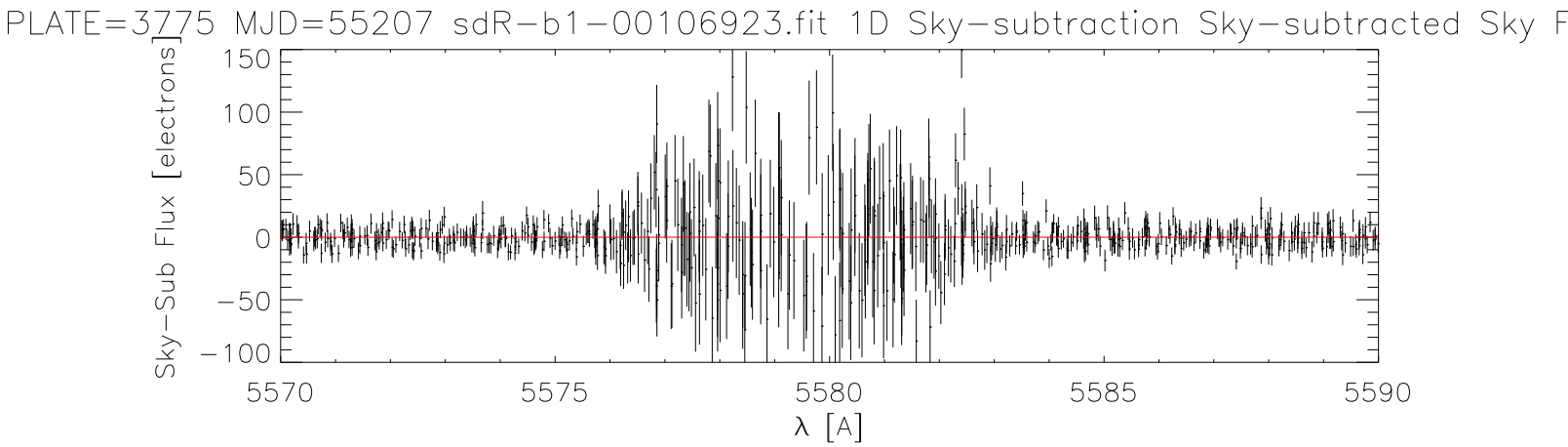

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b1-00106923.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b1-00106923.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

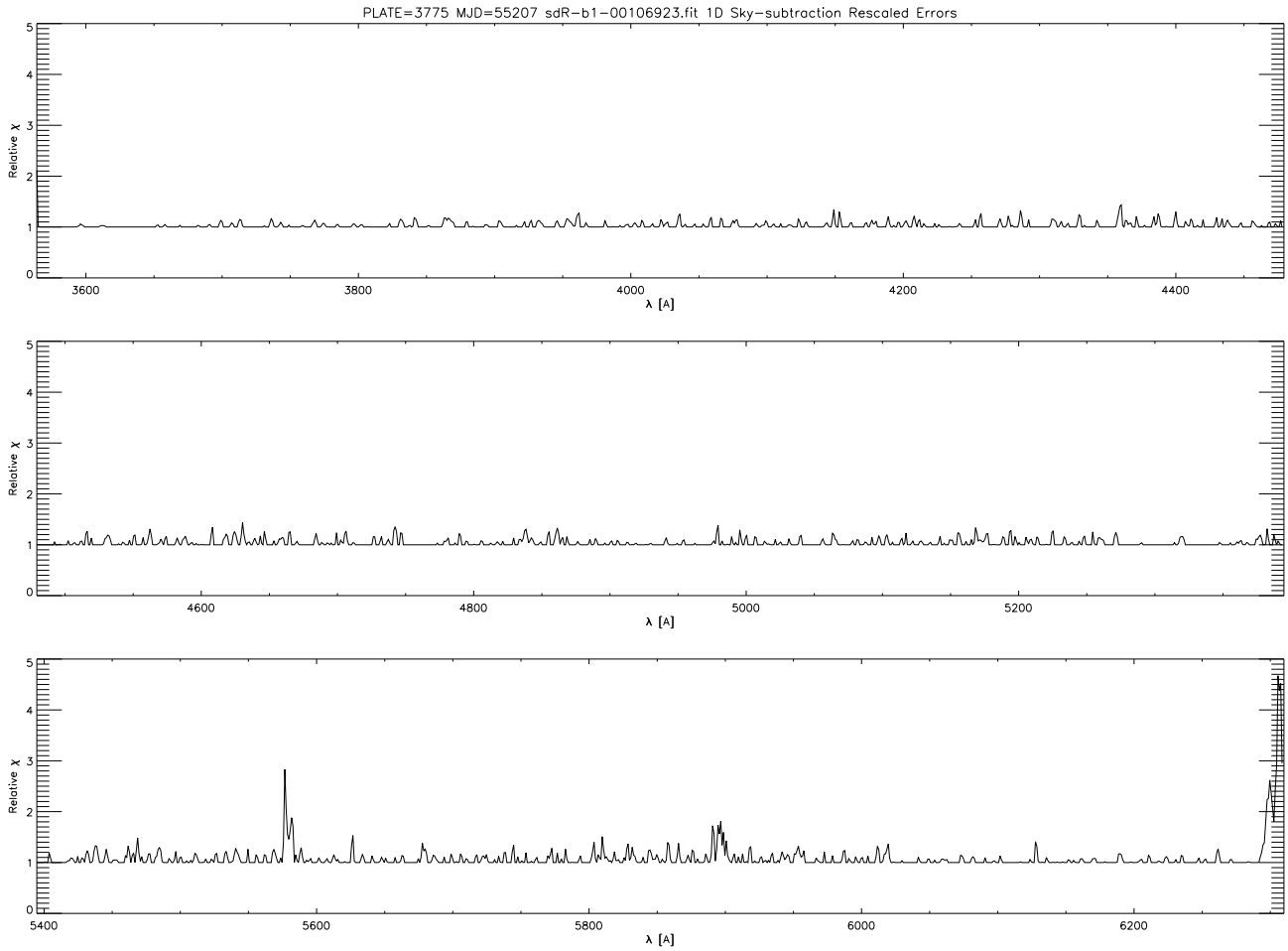

PLATE=3775 MJD=55207 Smooth superflat for sdR-b1-00106923.fit
2.5
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

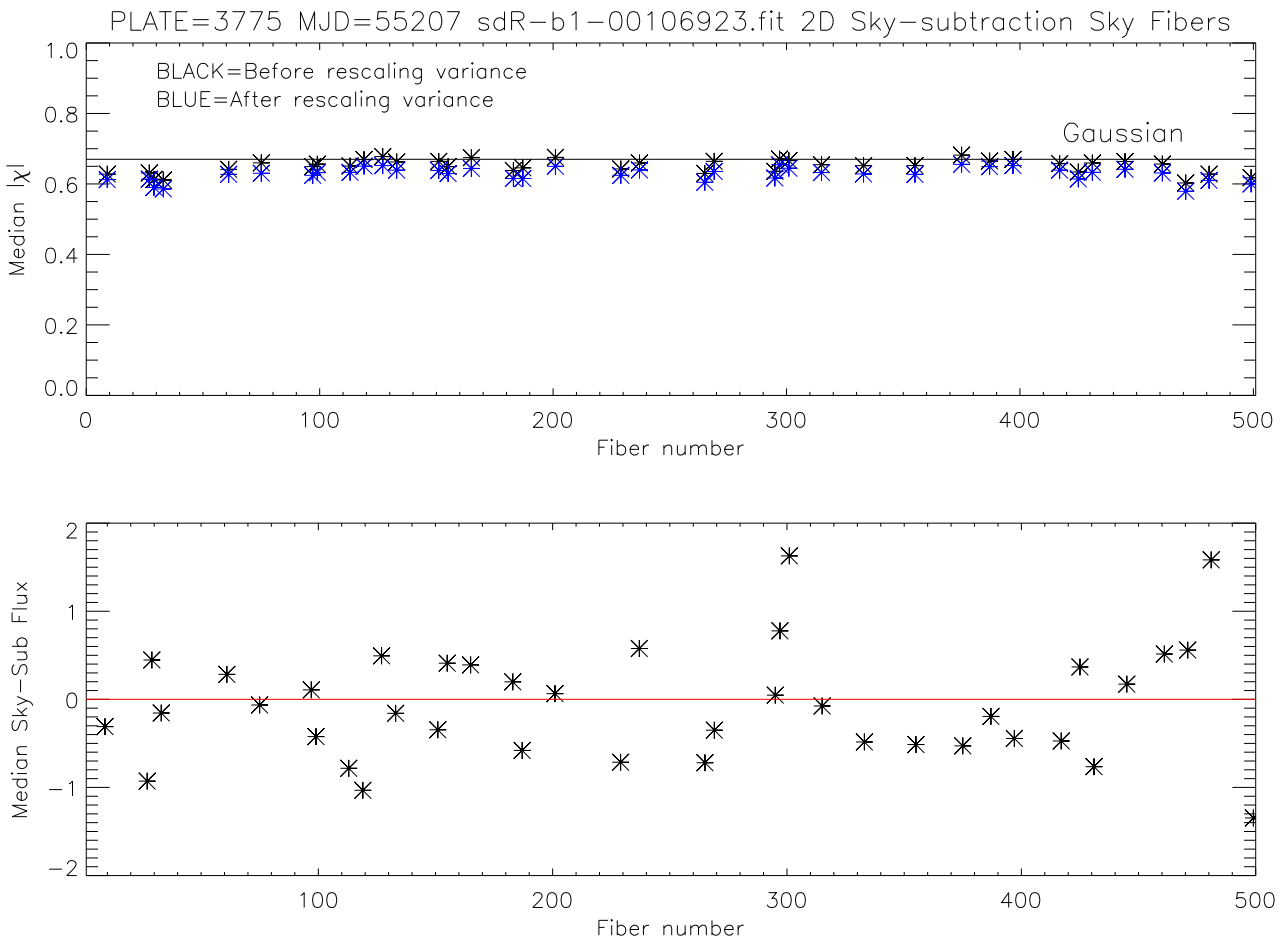

PLATE=3775 MJD=55207 sdR-b1-00106923.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

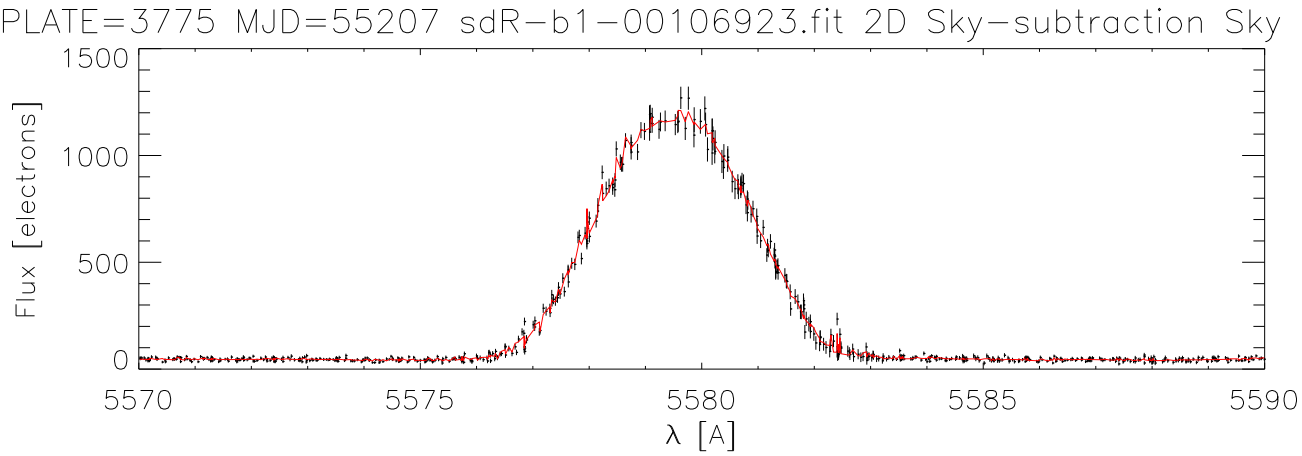

PLATE=3775 MJD=55207 sdR-b1-00106923.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1500
1000
500
0
5570
5575
5580
5585
5590
λ [A]

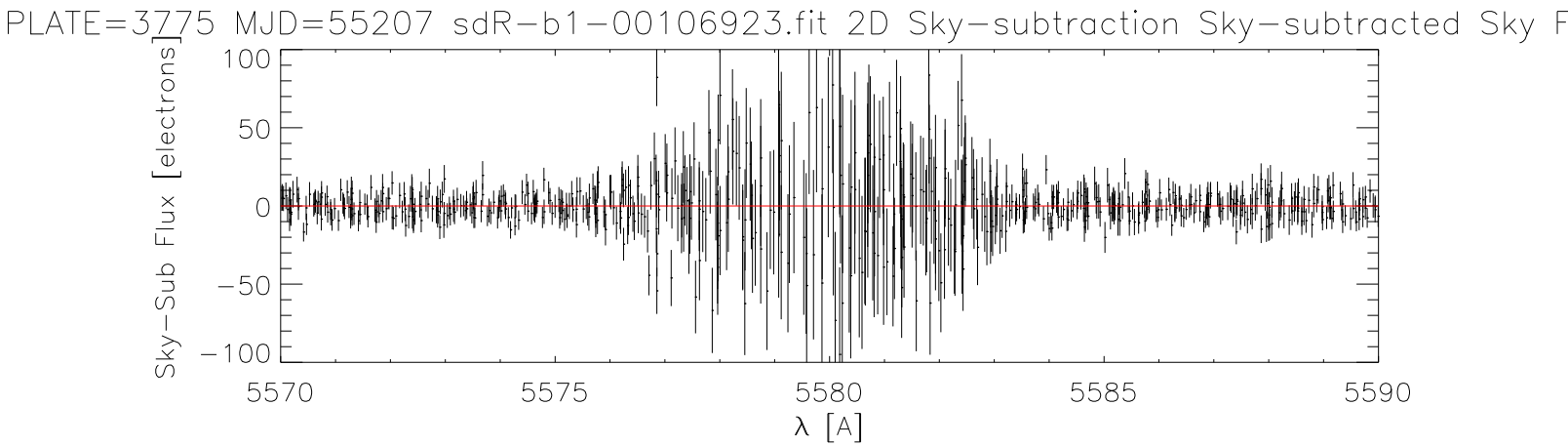

PLATE=3775 MJD=55207 sdR-b1-00106923.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
150
100
50
0
−50
−100
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 39

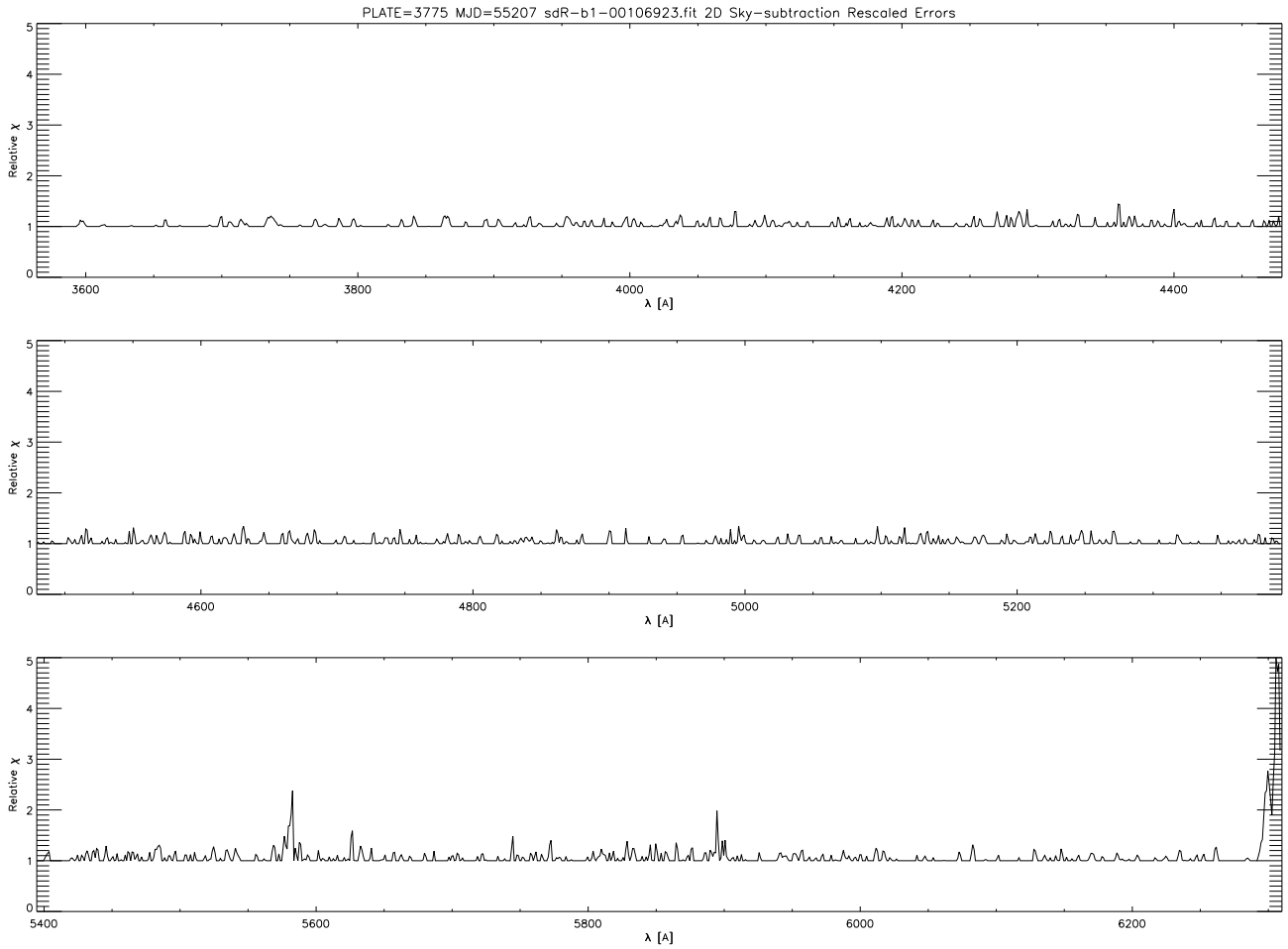


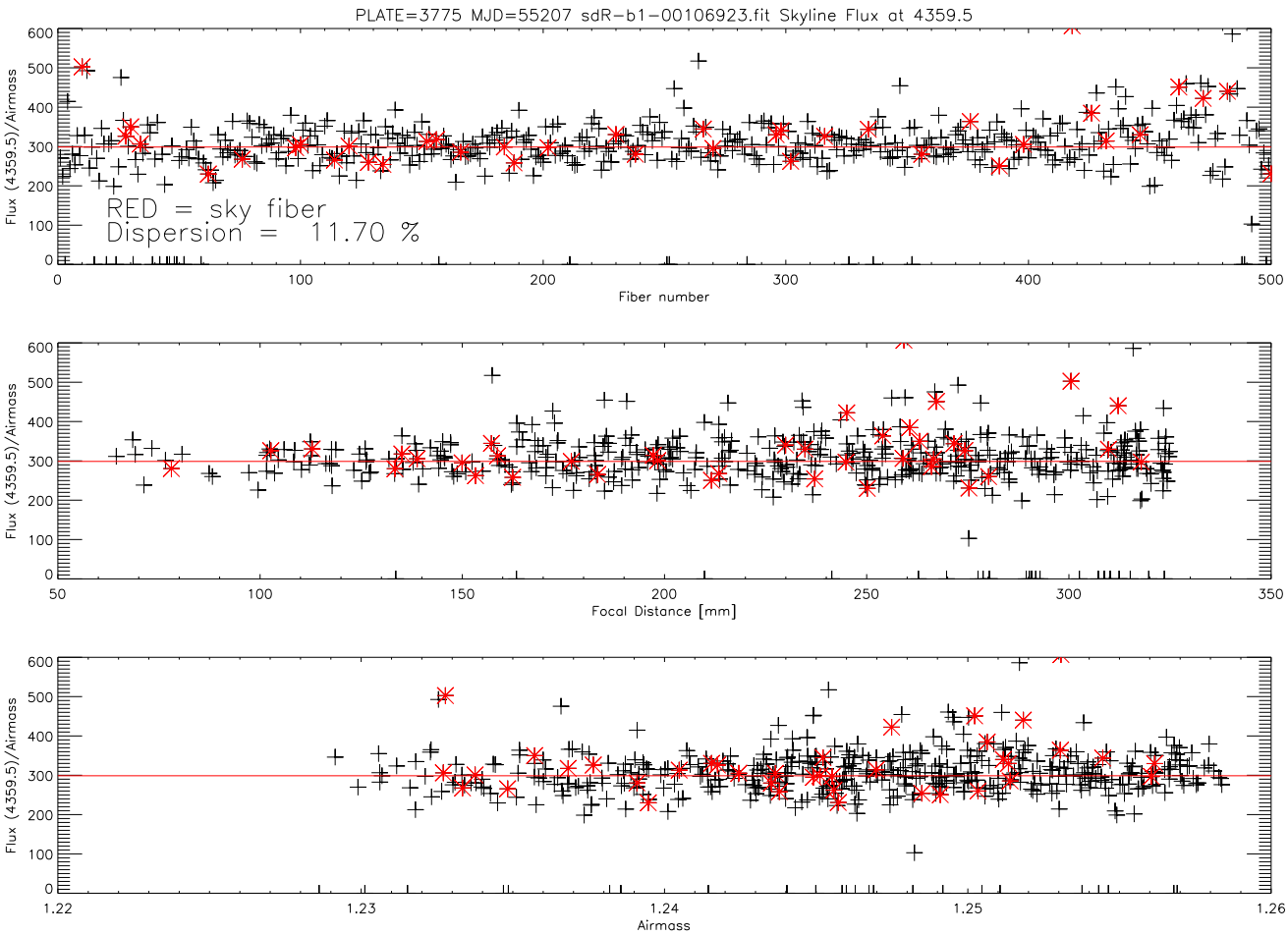

PLATE=3775 MJD=55207 sdR-b1-00106923.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

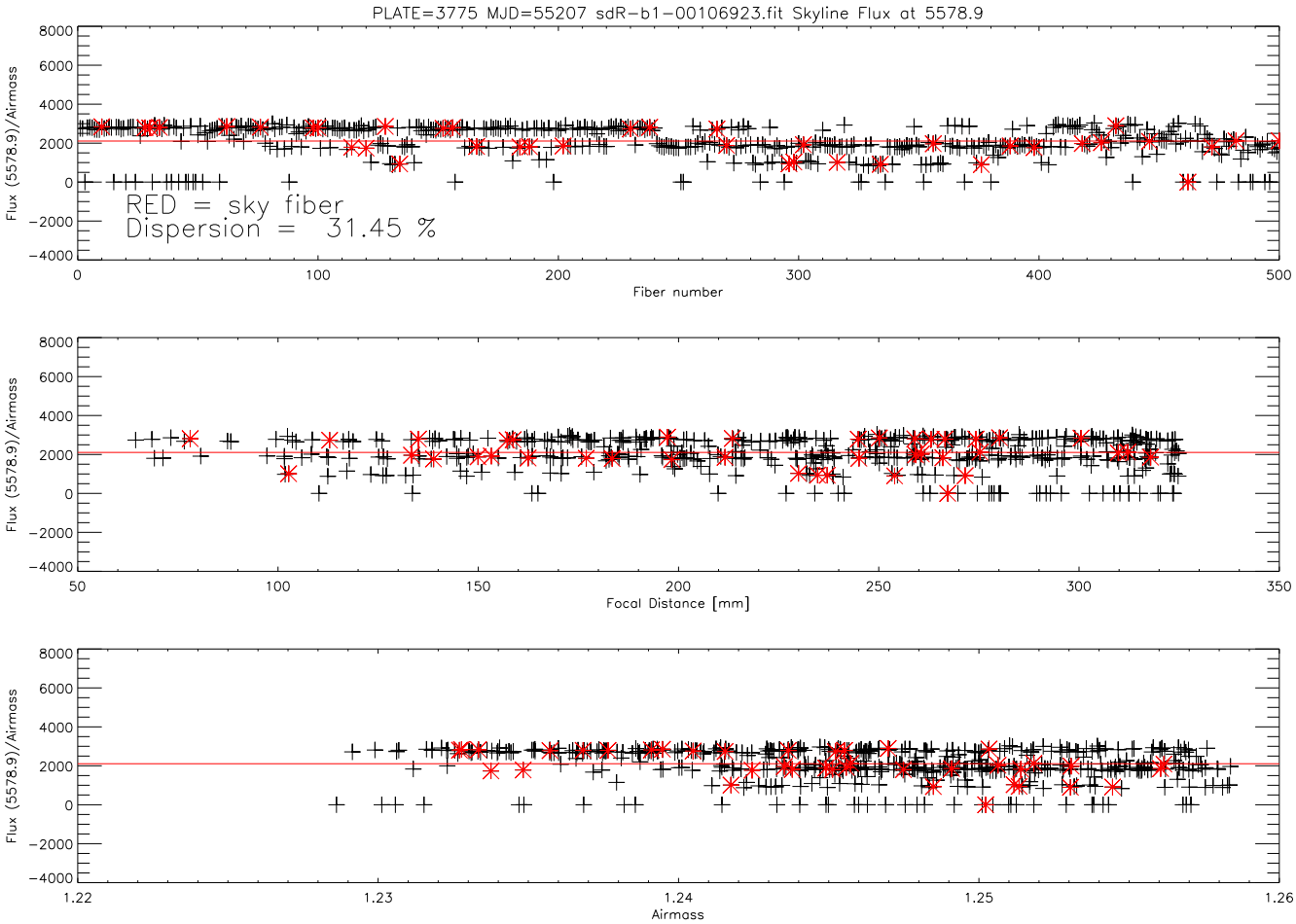

PLATE=3775 MJD=55207 sdR-b1-00106923.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1500
1000
500
0
5570
5575
5580
5585
5590
λ [A]

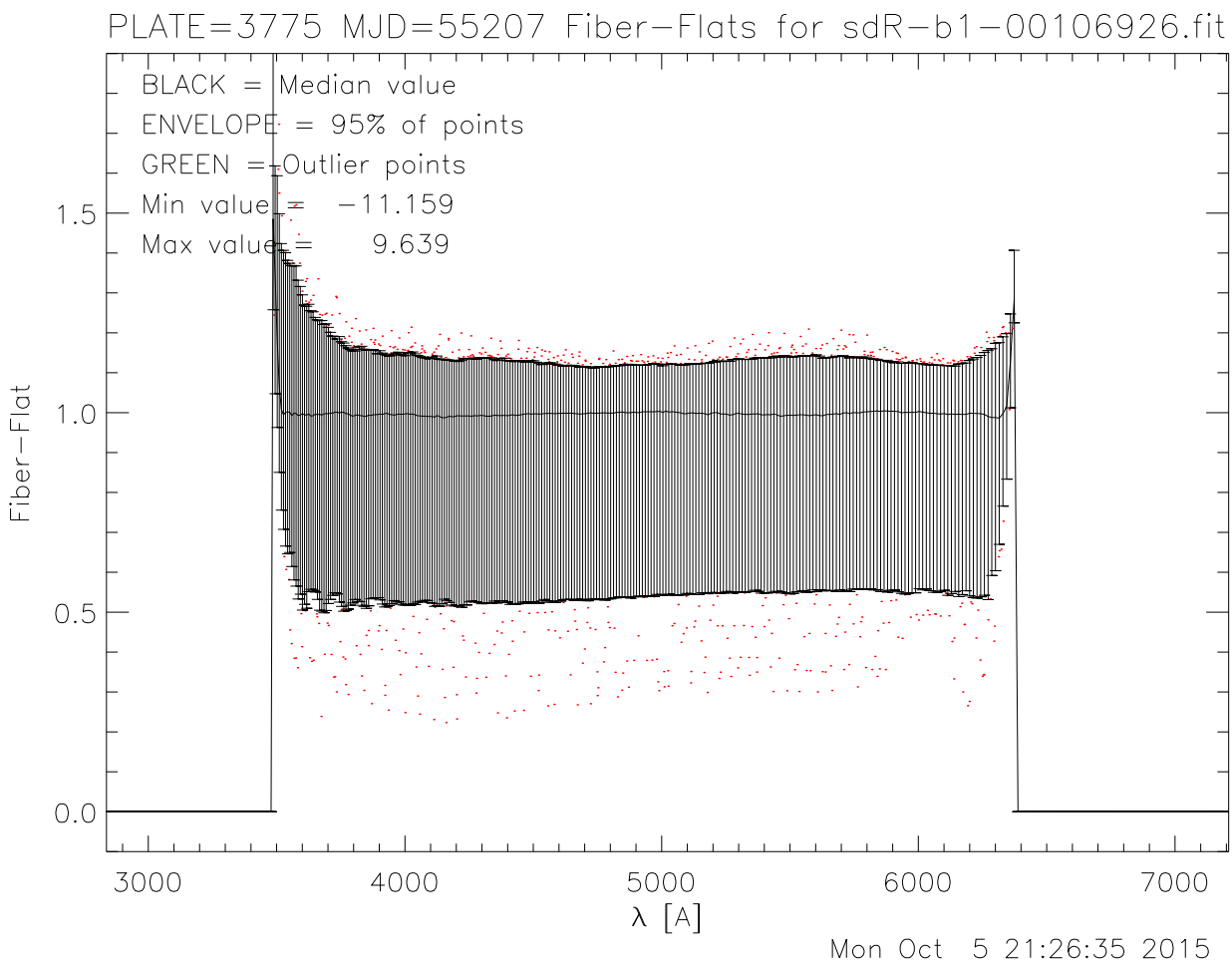

PLATE=3775 MJD=55207 sdR-b1-00106923.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
100
50
0
−50
−100
5570
5575
5580
5585
5590
λ [A]

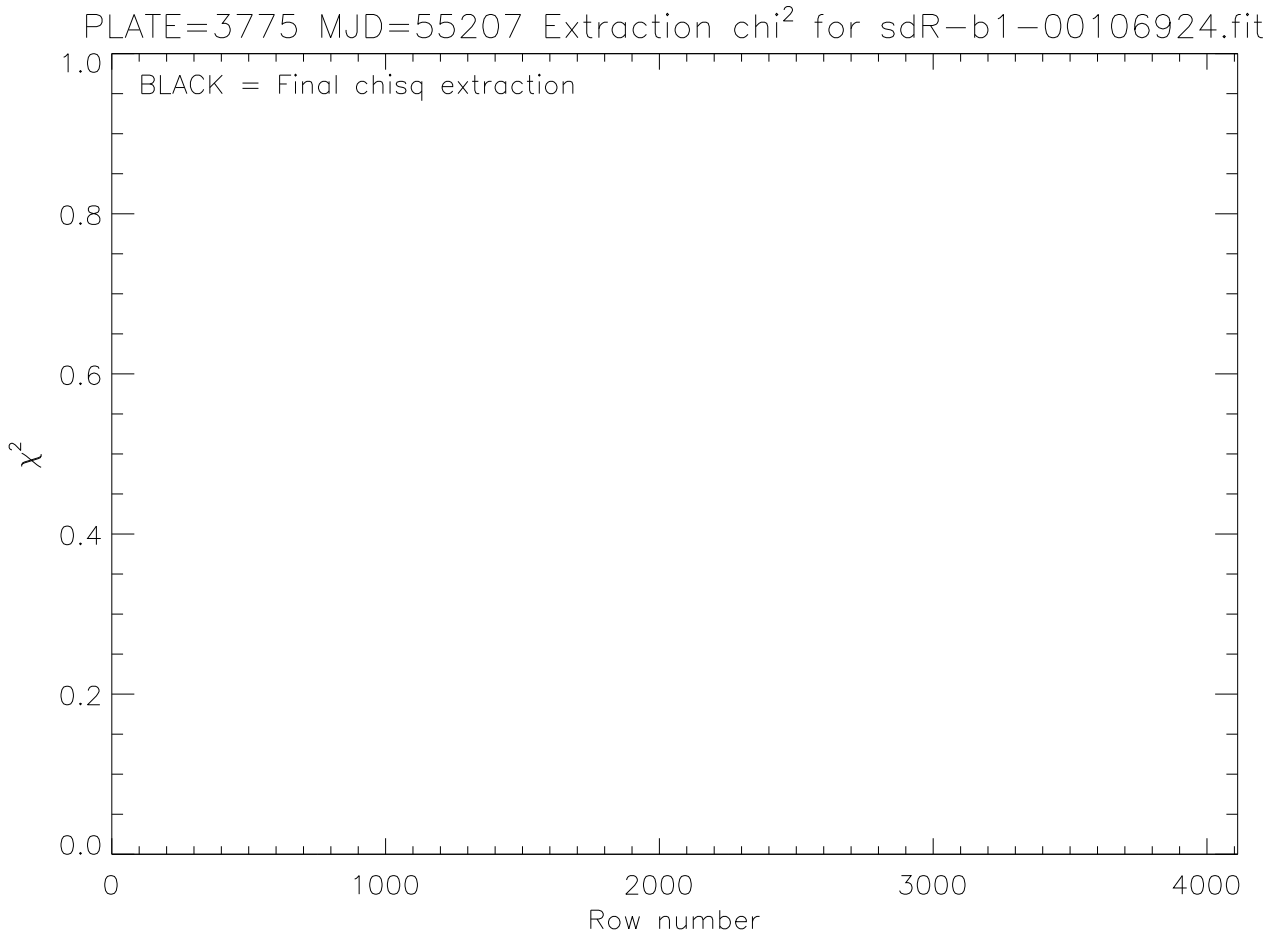
Number of sky fibers = 39

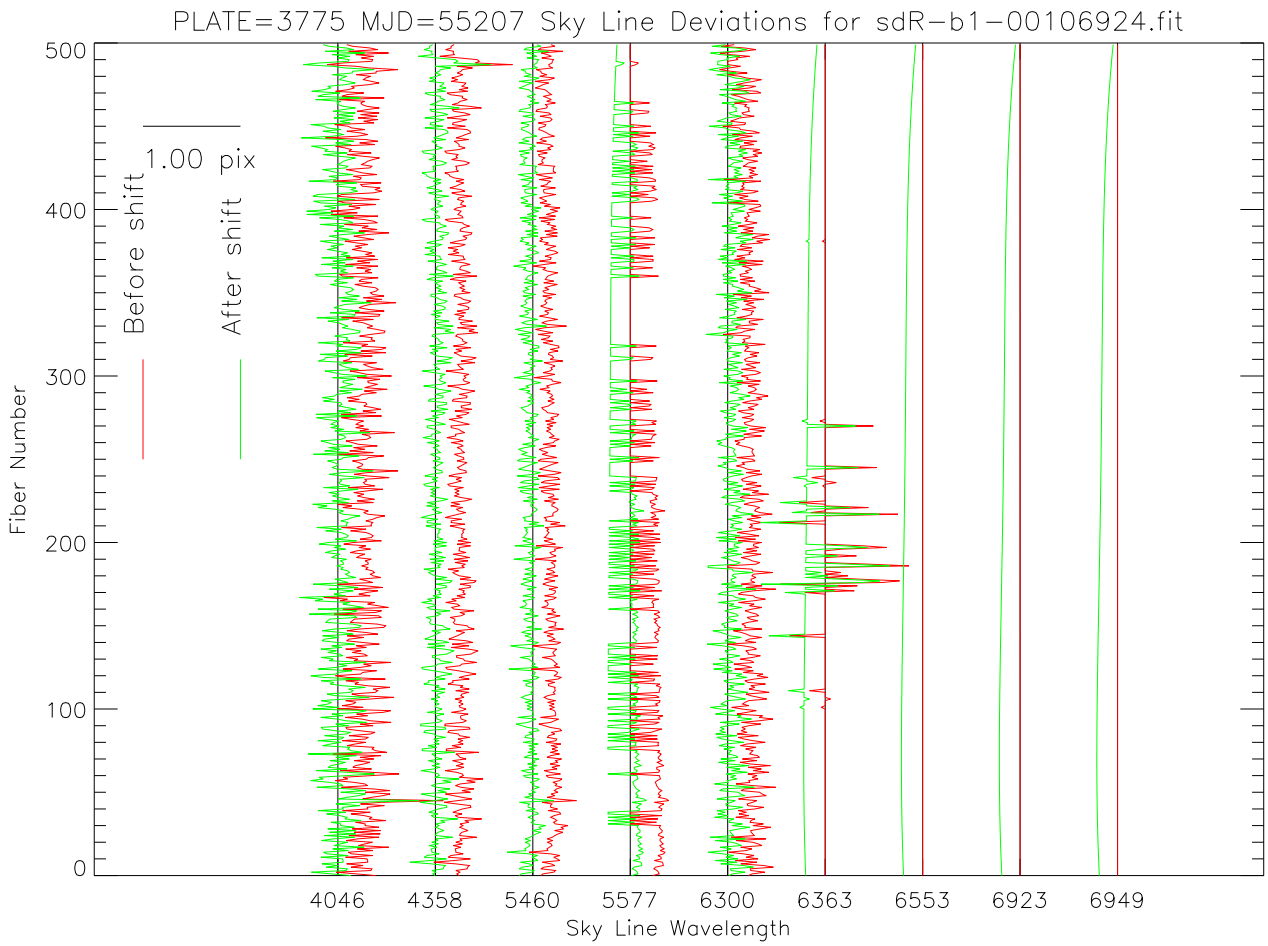


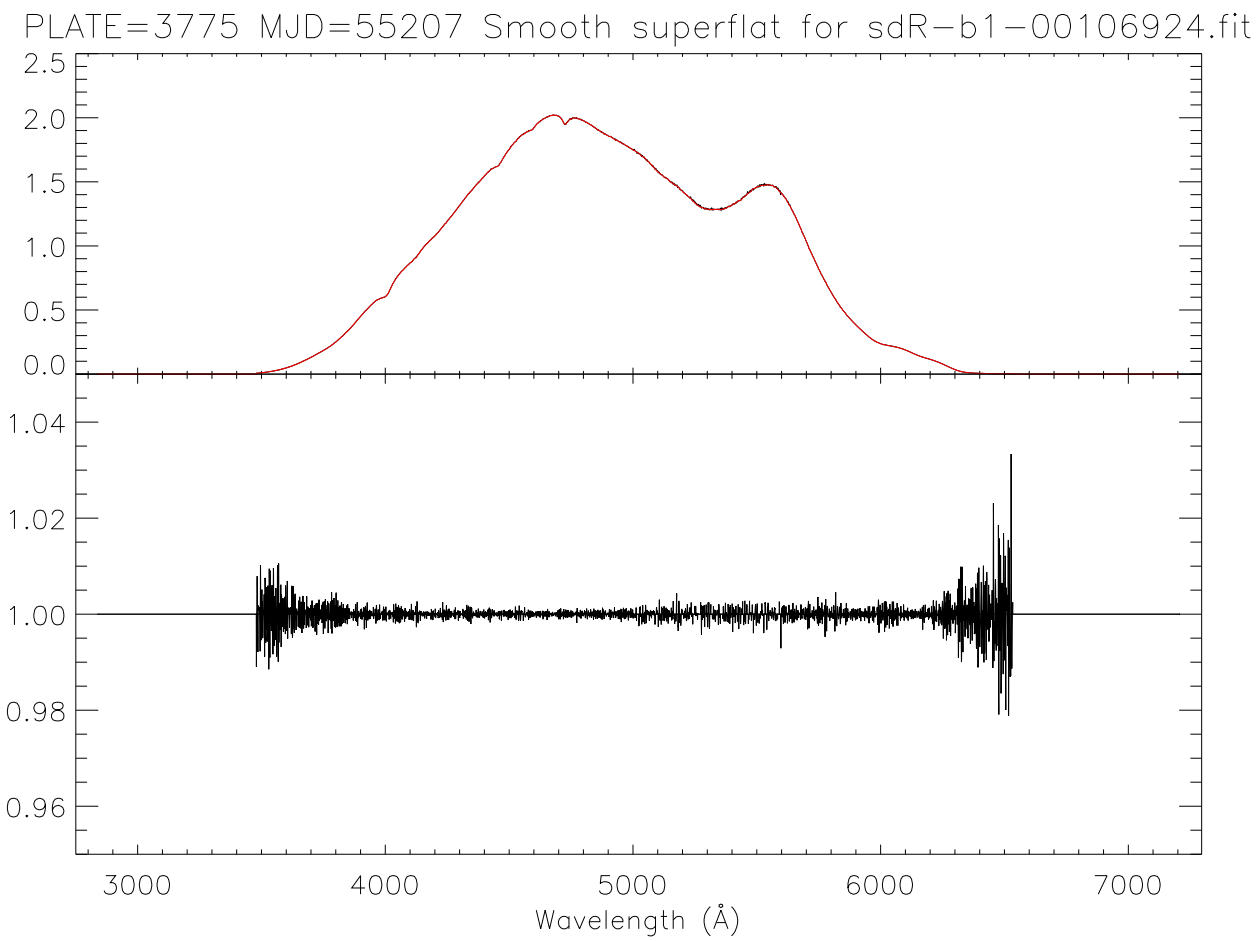

PLATE=3775 MJD=55207 sdR-b1-00106923.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
RED = sky fiber
Dispersion = 11.70 %
Fiber number
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

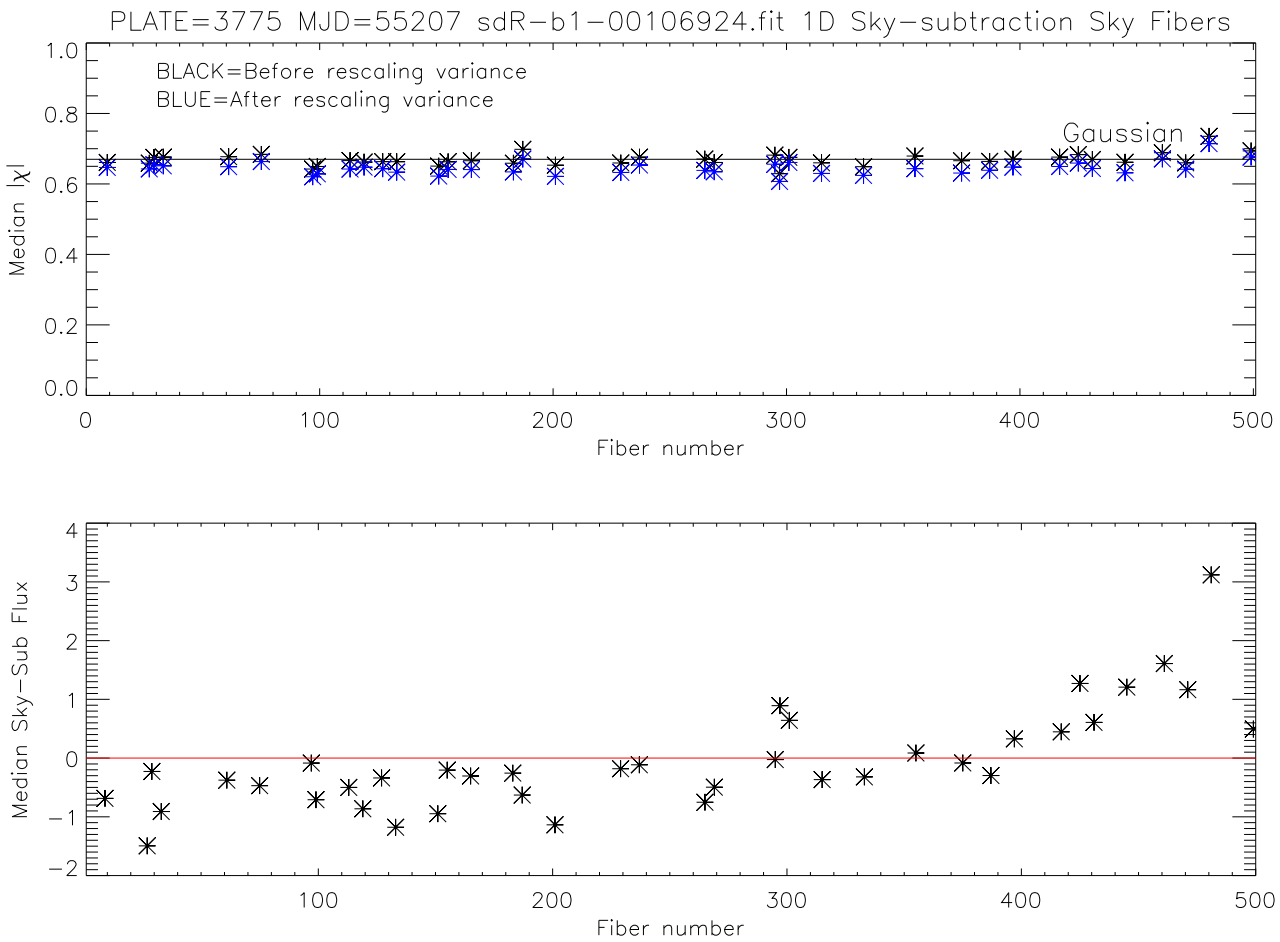

PLATE=3775 MJD=55207 sdR-b1-00106923.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
RED = sky fiber
Dispersion = 31.45 %
Fiber number
Flux (5578.9)/Airmass
Focal Distance [mm]
Flux (5578.9)/Airmass
Airmass

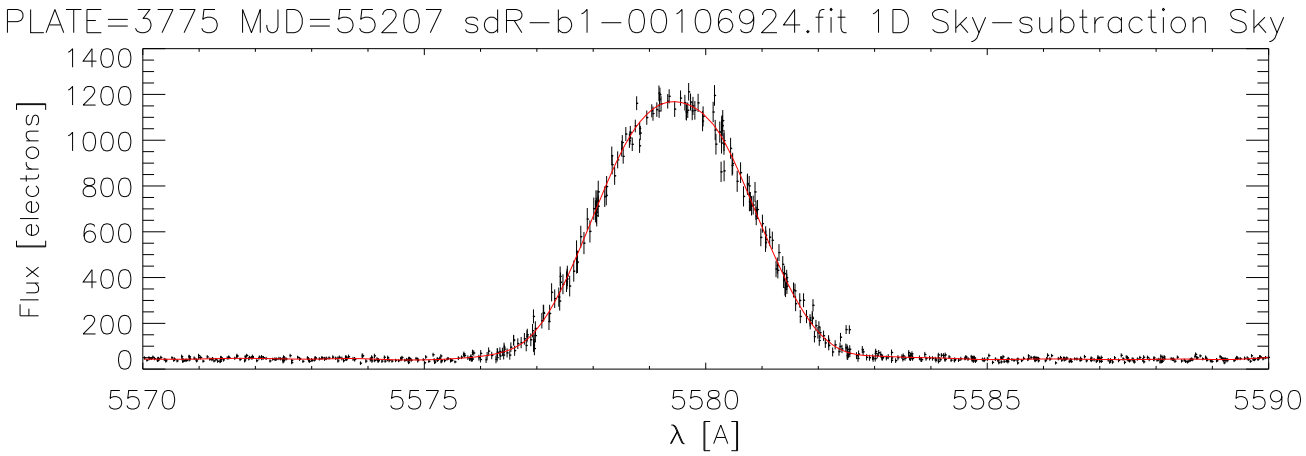

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b1-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = -11.159
Max value = 9.639
Fiber-Flat
1.5
1.0
0.5
0.0
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 21:26:35 2015

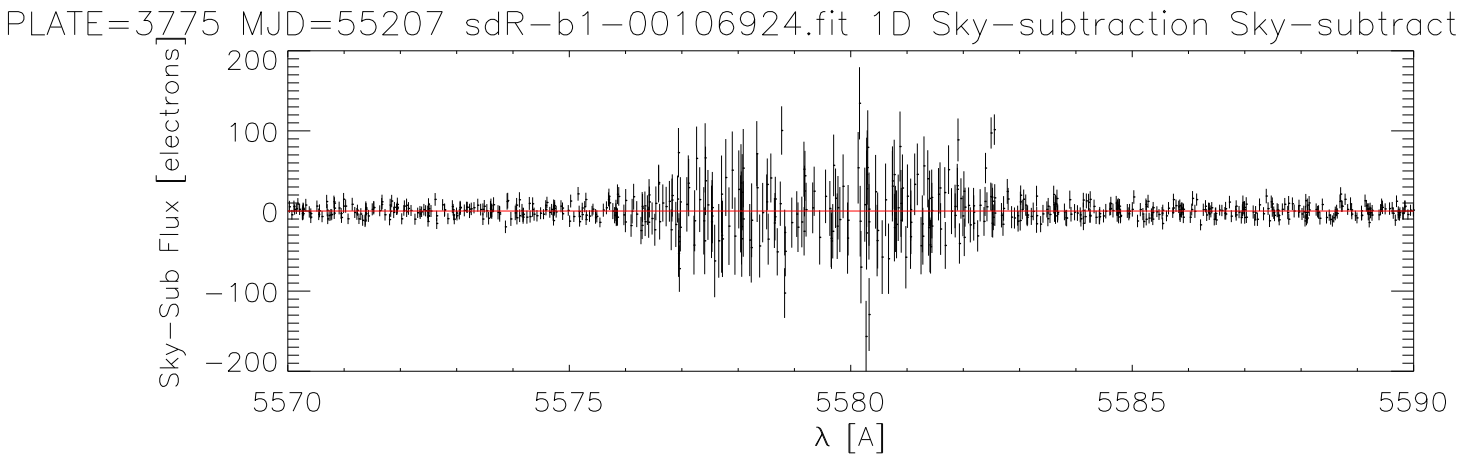

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−b1−00106924.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b1-00106924.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

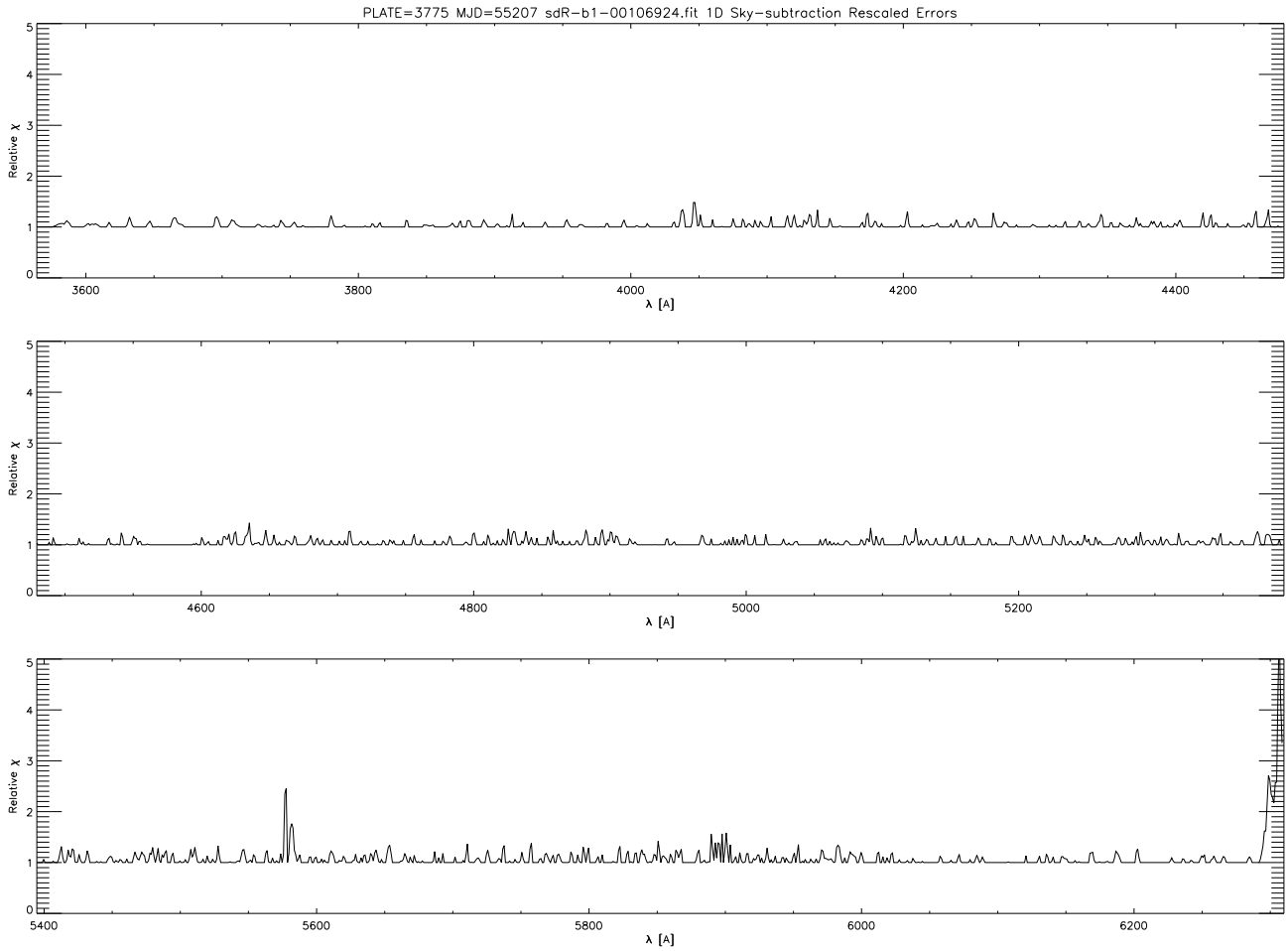

PLATE=3775 MJD=55207 Smooth superflat for sdR-b1-00106924.fit
2.5
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

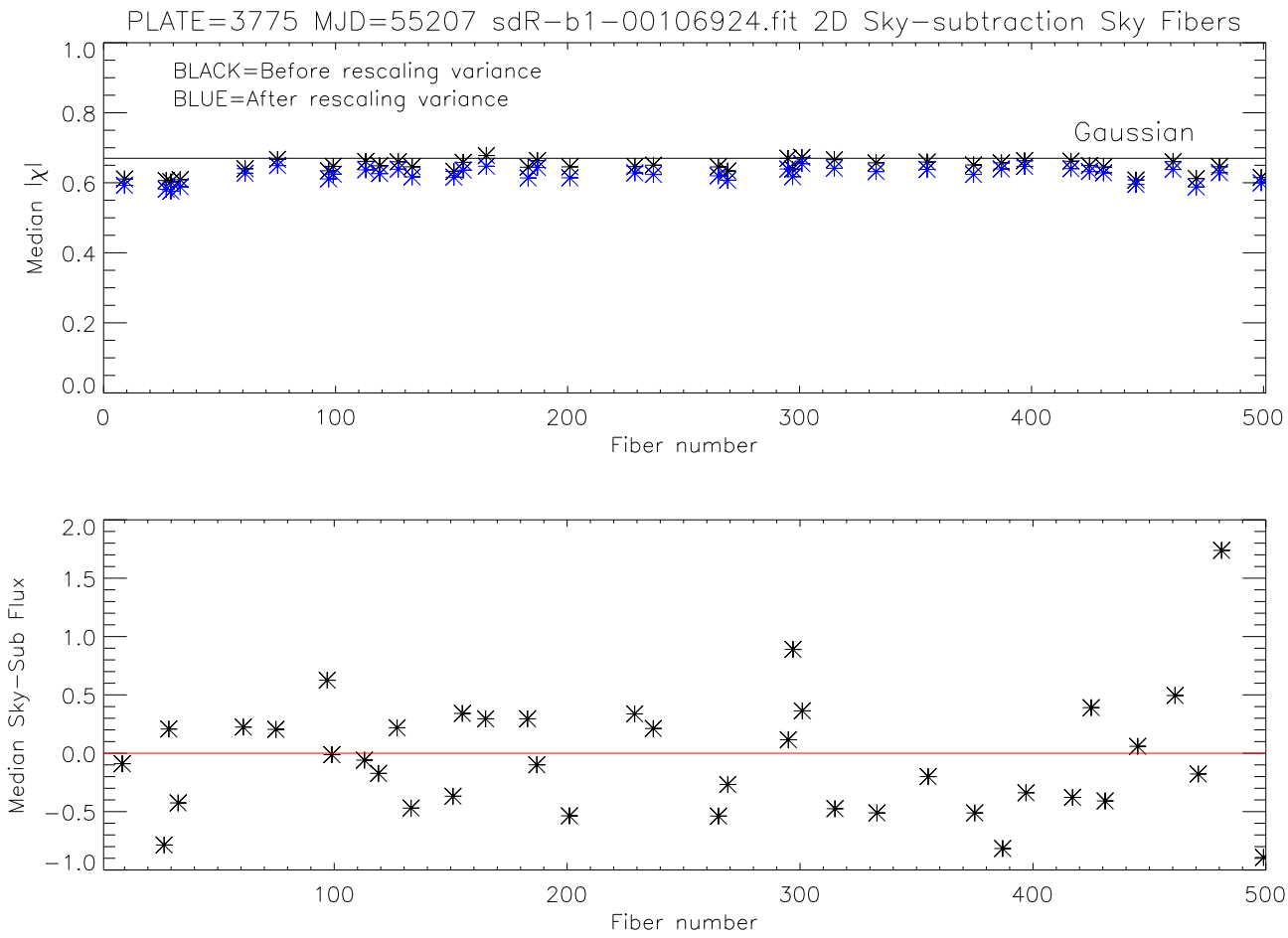

PLATE=3775 MJD=55207 sdR-b1-00106924.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

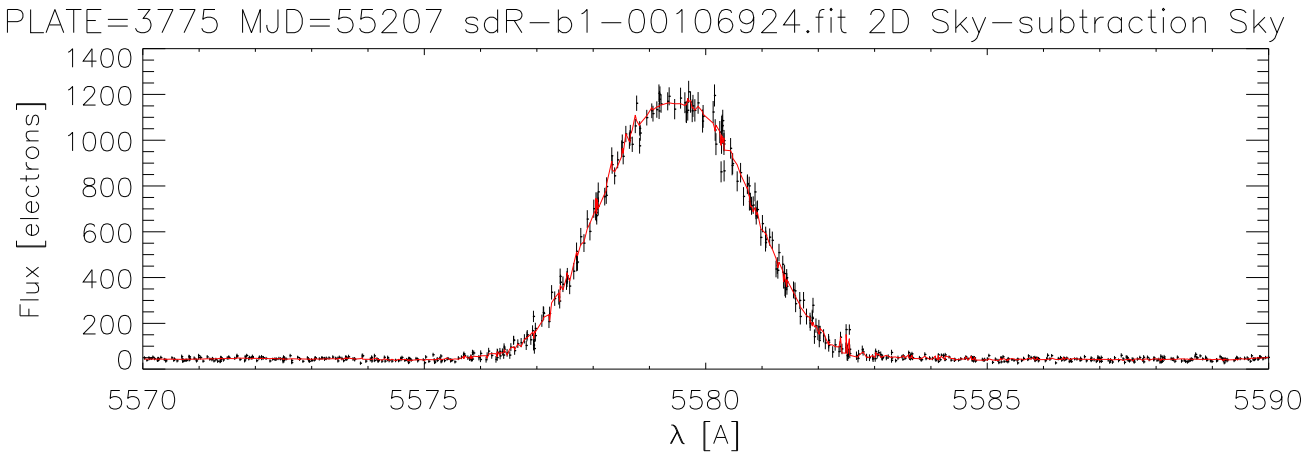

PLATE=3775 MJD=55207 sdR-b1-00106924.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1400
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

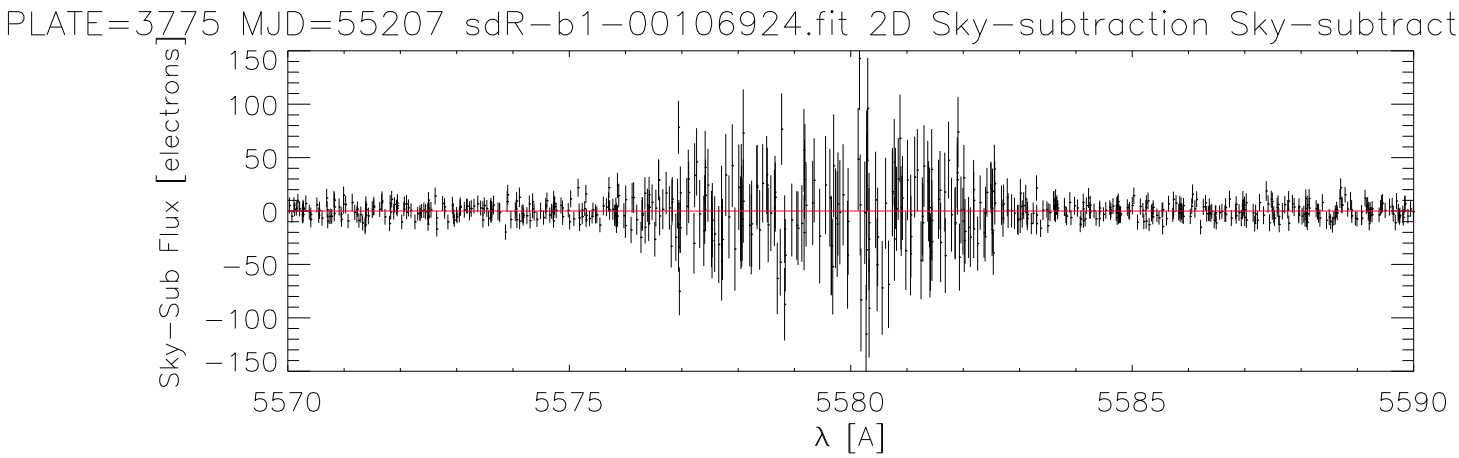

PLATE=3775 MJD=55207 sdR-b1-00106924.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
100
0
-100
-200
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 39

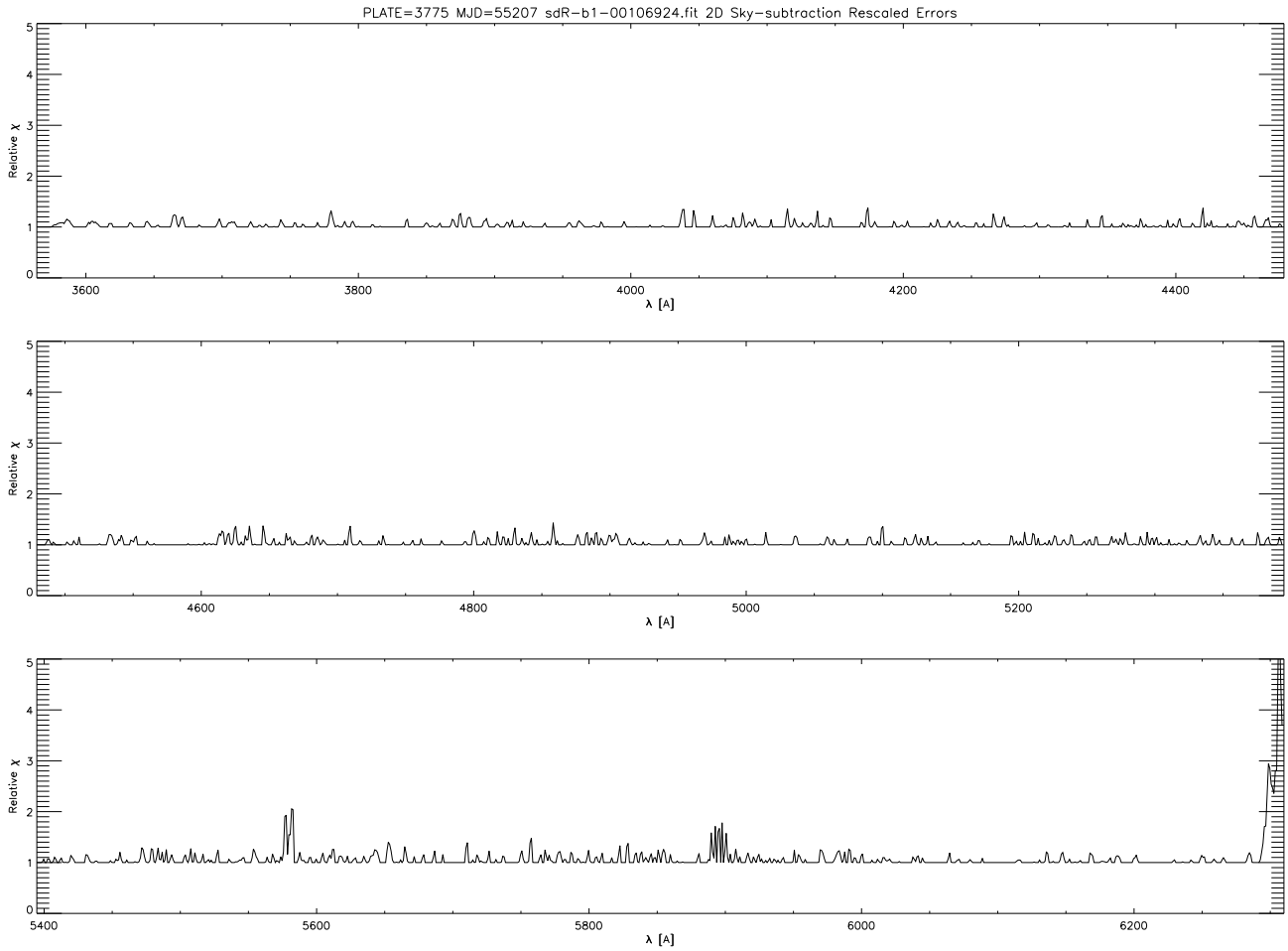


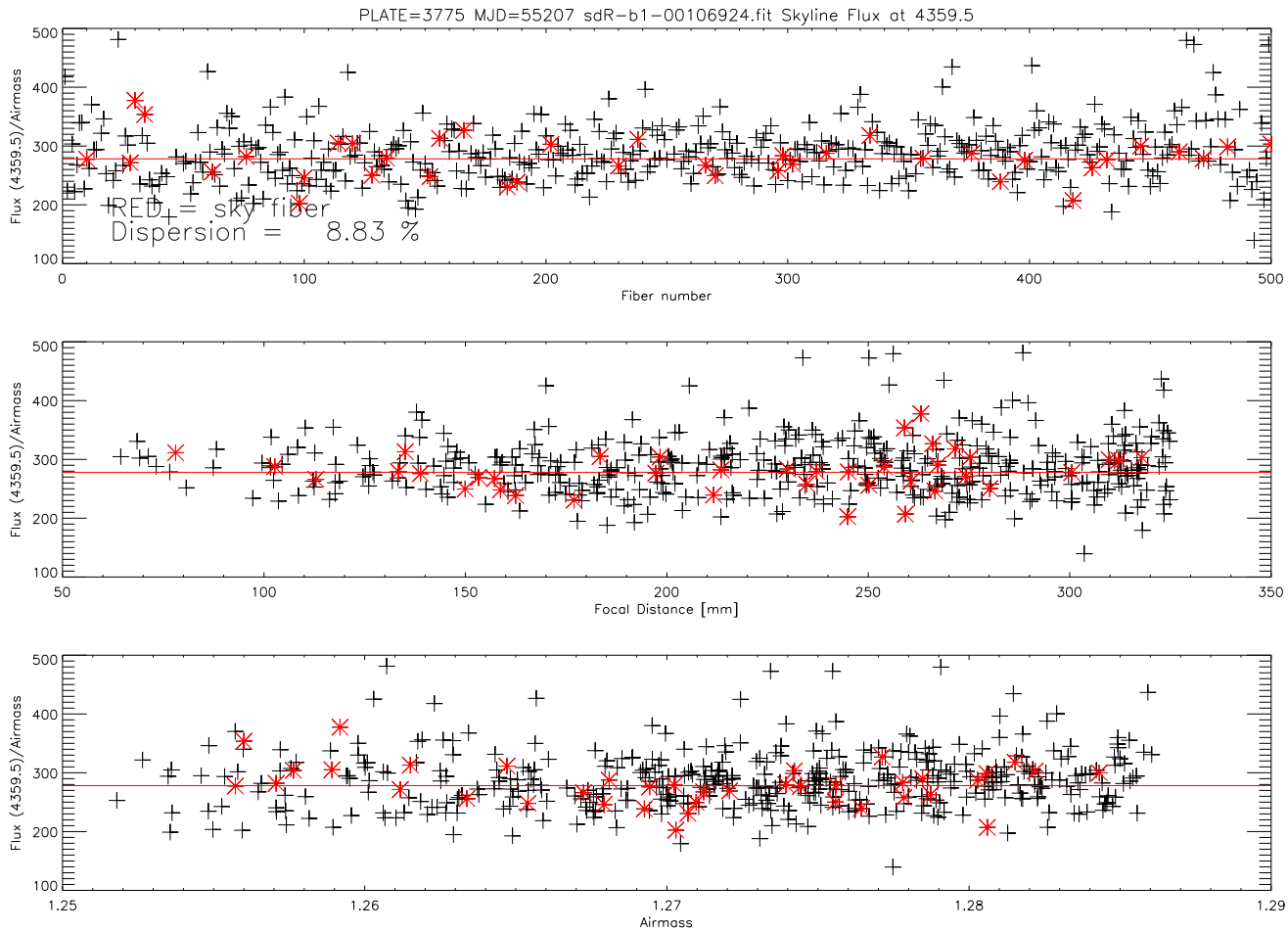

PLATE=3775 MJD=55207 sdR-b1-00106924.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

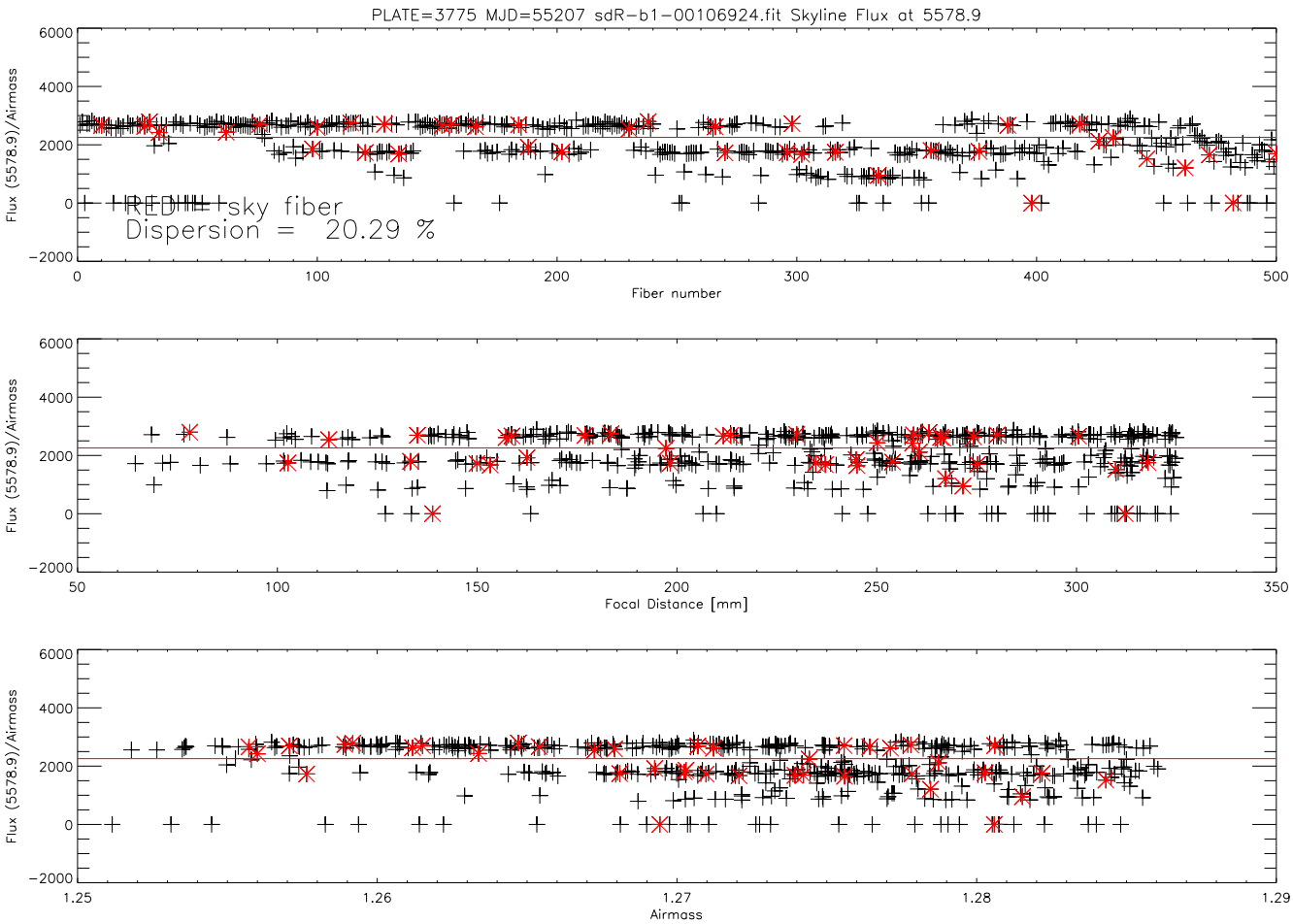

PLATE=3775 MJD=55207 sdR-b1-00106924.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1400
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

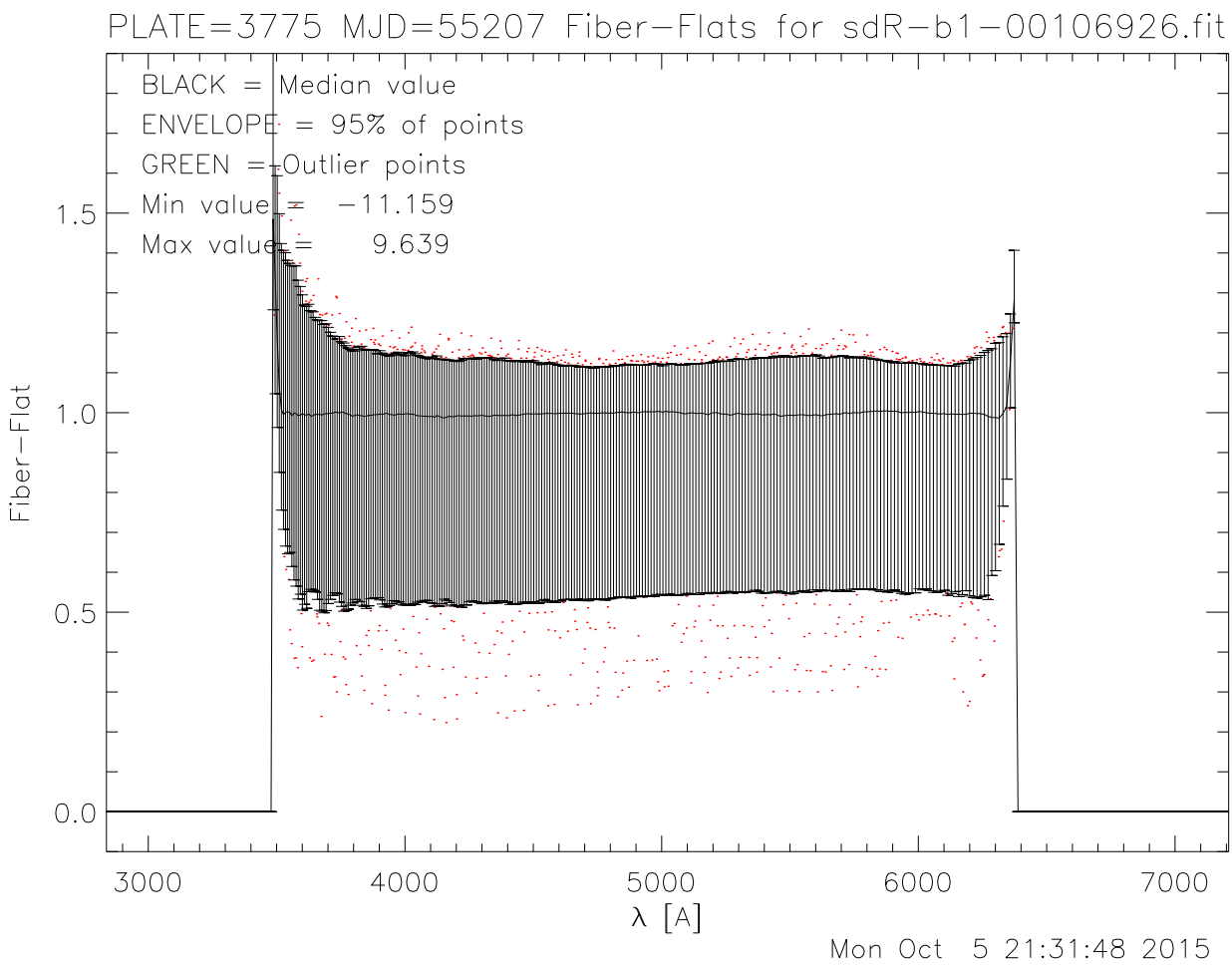

PLATE=3775 MJD=55207 sdR-b1-00106924.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
150
100
50
0
−50
−100
−150
5570
5575
5580
5585
5590
λ [A]

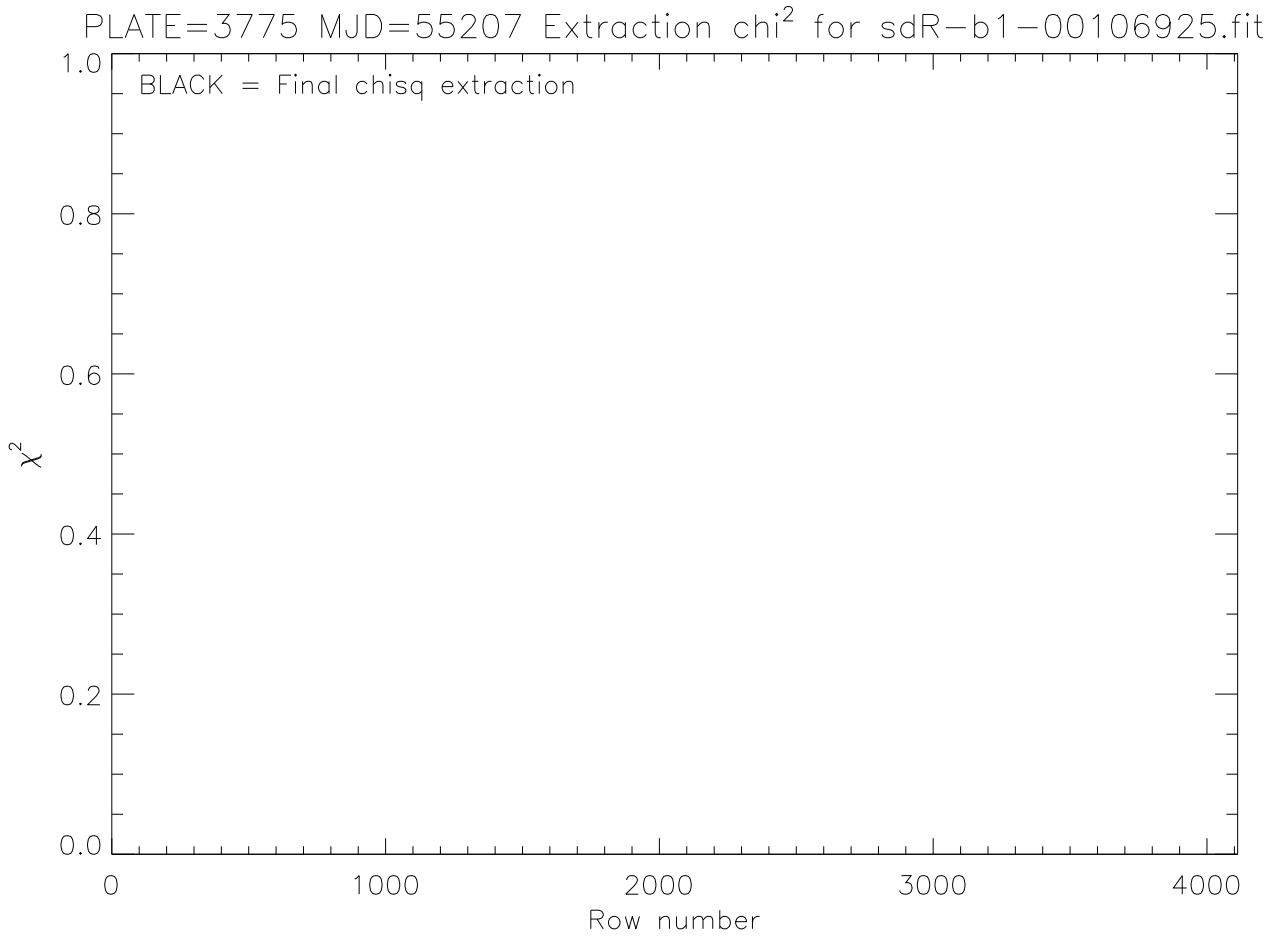
Number of sky fibers = 39

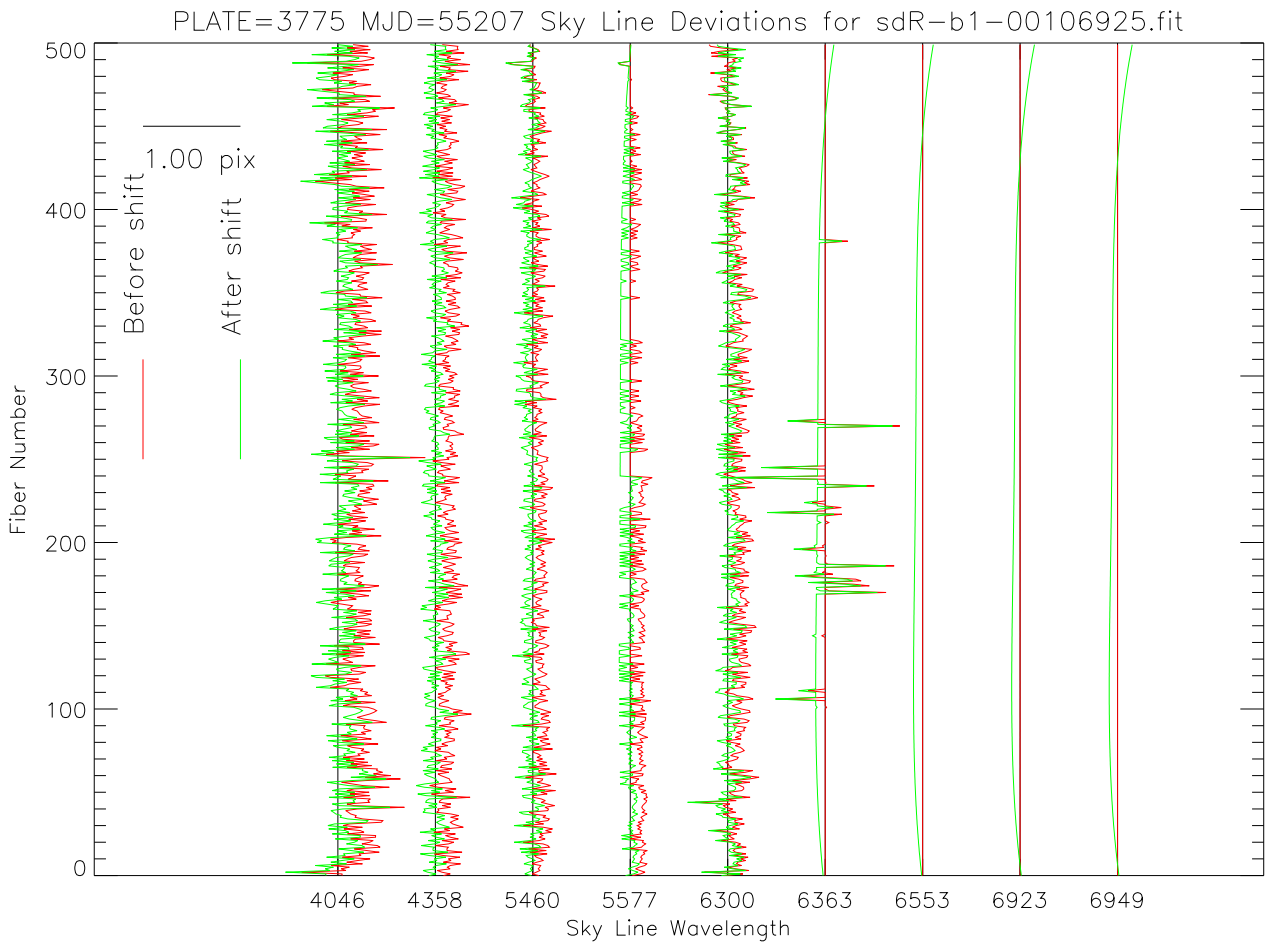


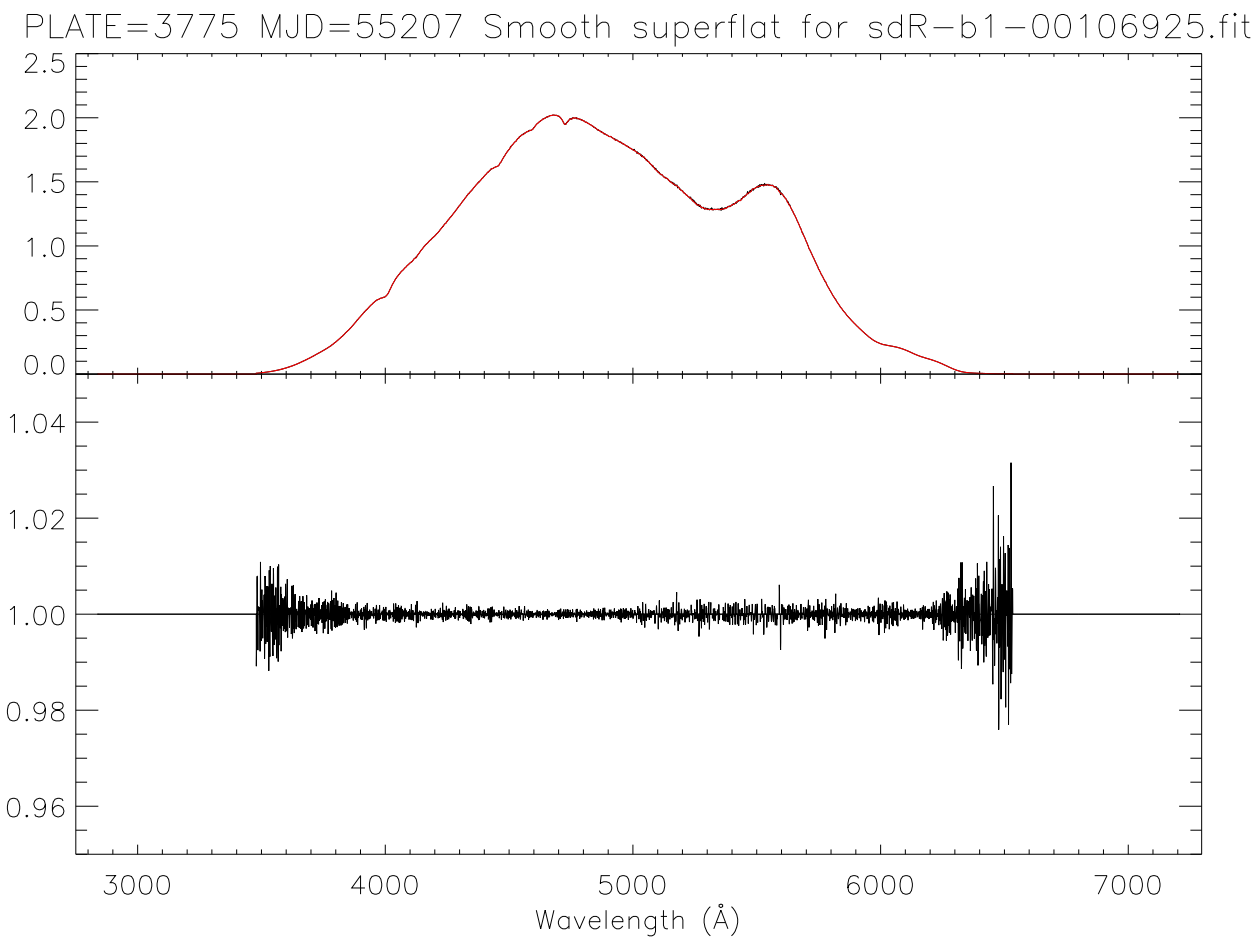

PLATE=3775 MJD=55207 sdR-b1-00106924.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
Fiber number
RED = sky fiber
Dispersion = 8.83 %
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

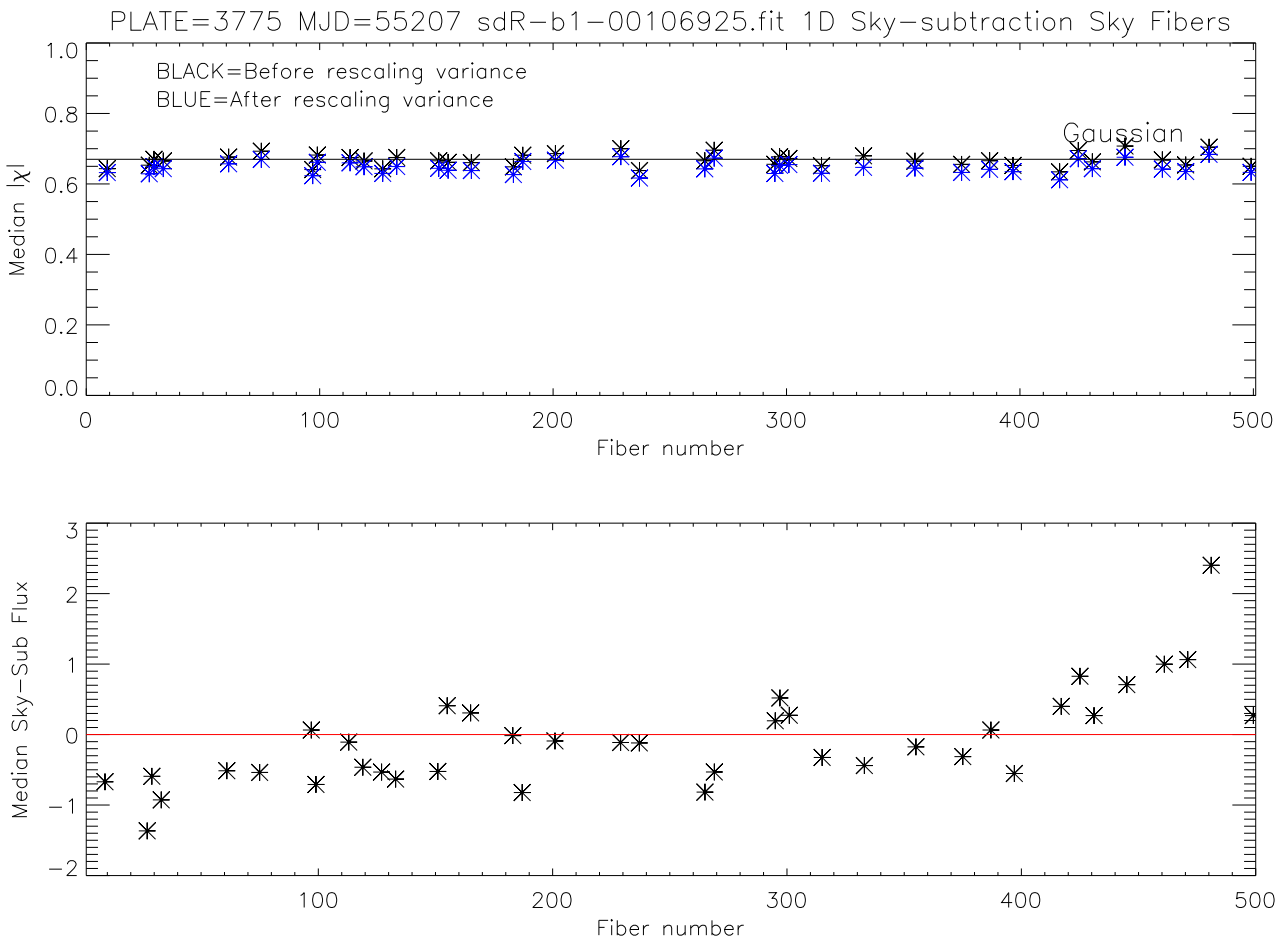

PLATE=3775 MJD=55207 sdR-b1-00106924.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
6000
4000
2000
0
−2000
0
100
200
300
400
500
Fiber number
RED: sky fiber
Dispersion = 20.29 %
Flux (5578.9)/Airmass
6000
4000
2000
0
−2000
50
100
150
200
250
300
350
Focal Distance [mm]
Flux (5578.9)/Airmass
6000
4000
2000
0
−2000
1.25
1.26
1.27
1.28
1.29
Airmass

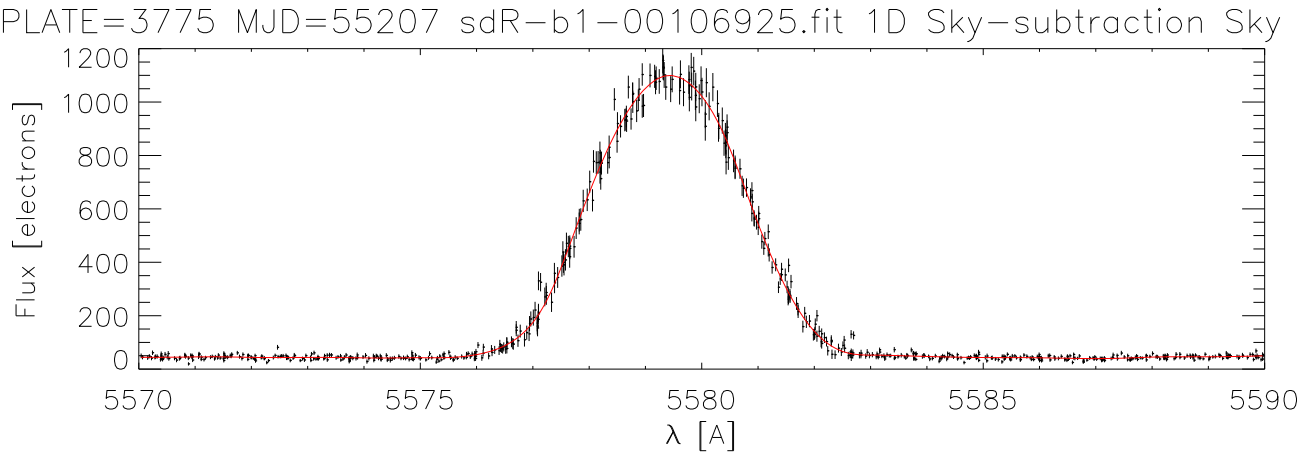

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b1-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = -11.159
Max value = 9.639
Fiber-Flat
0.0
0.5
1.0
1.5
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 21:31:48 2015

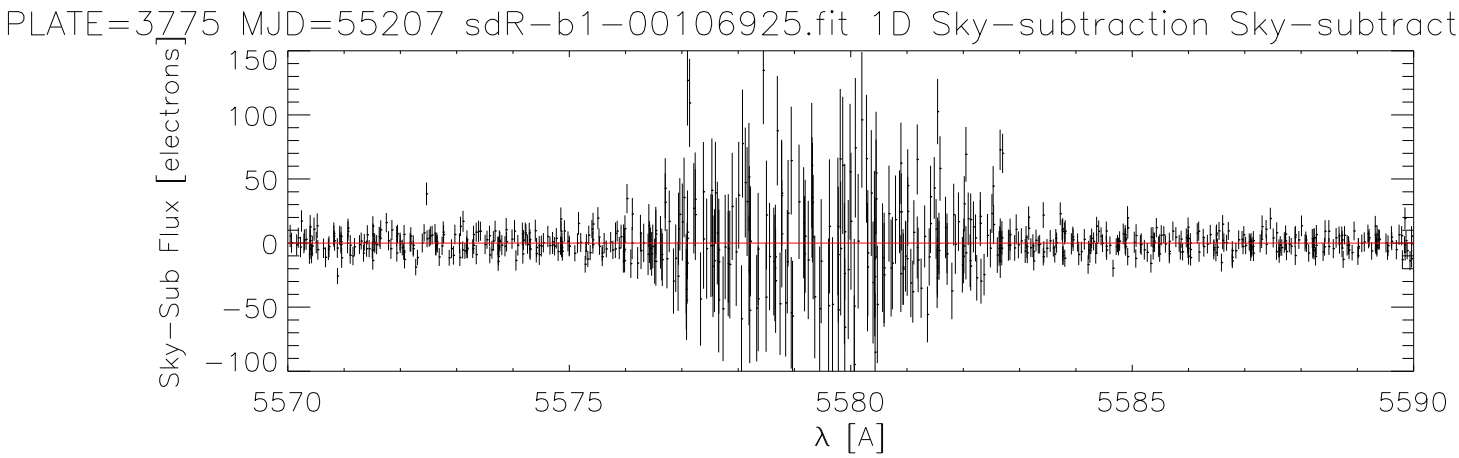

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b1-00106925.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b1-00106925.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

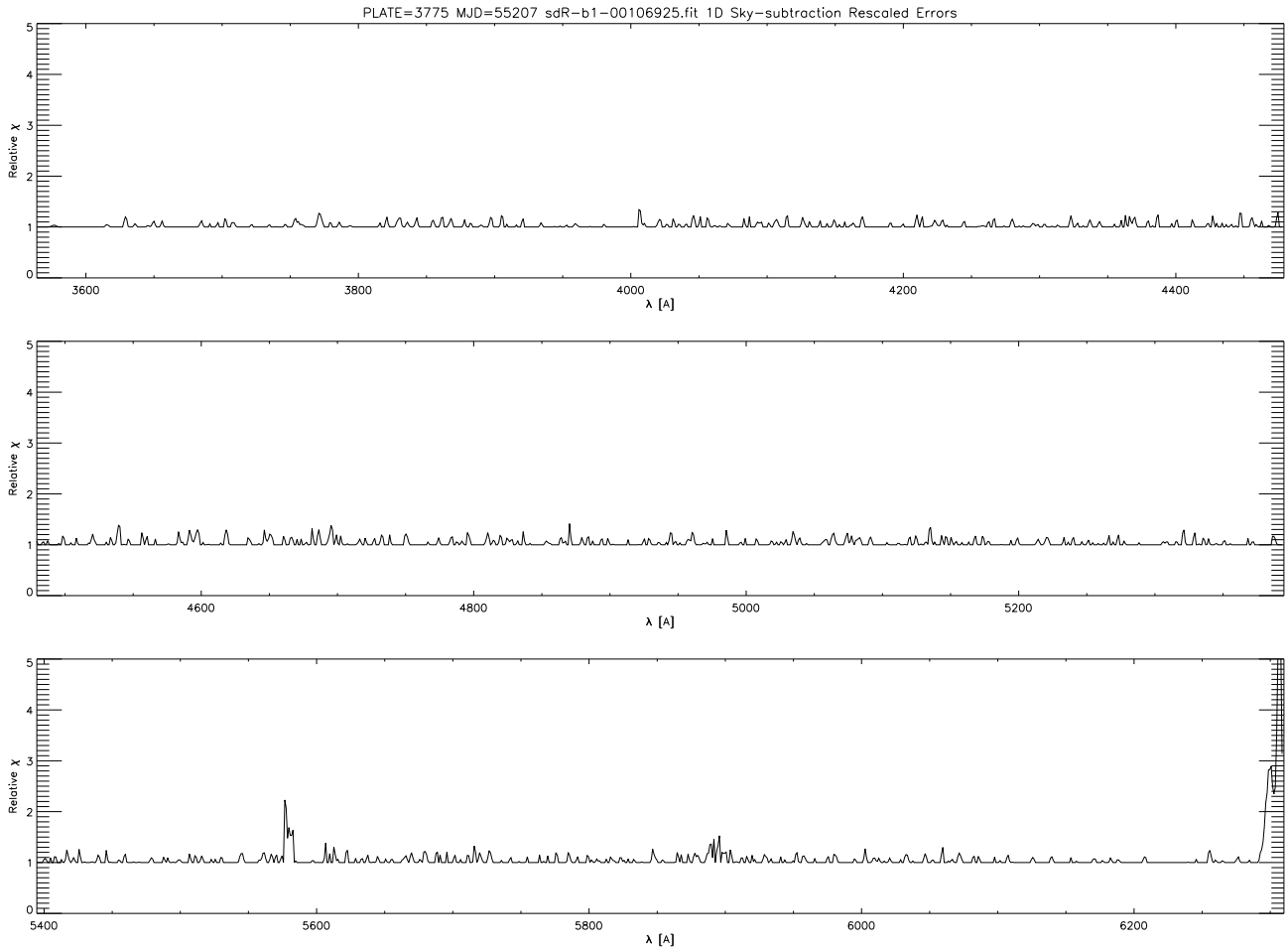

PLATE=3775 MJD=55207 Smooth superflat for sdR-b1-00106925.fit
2.5
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

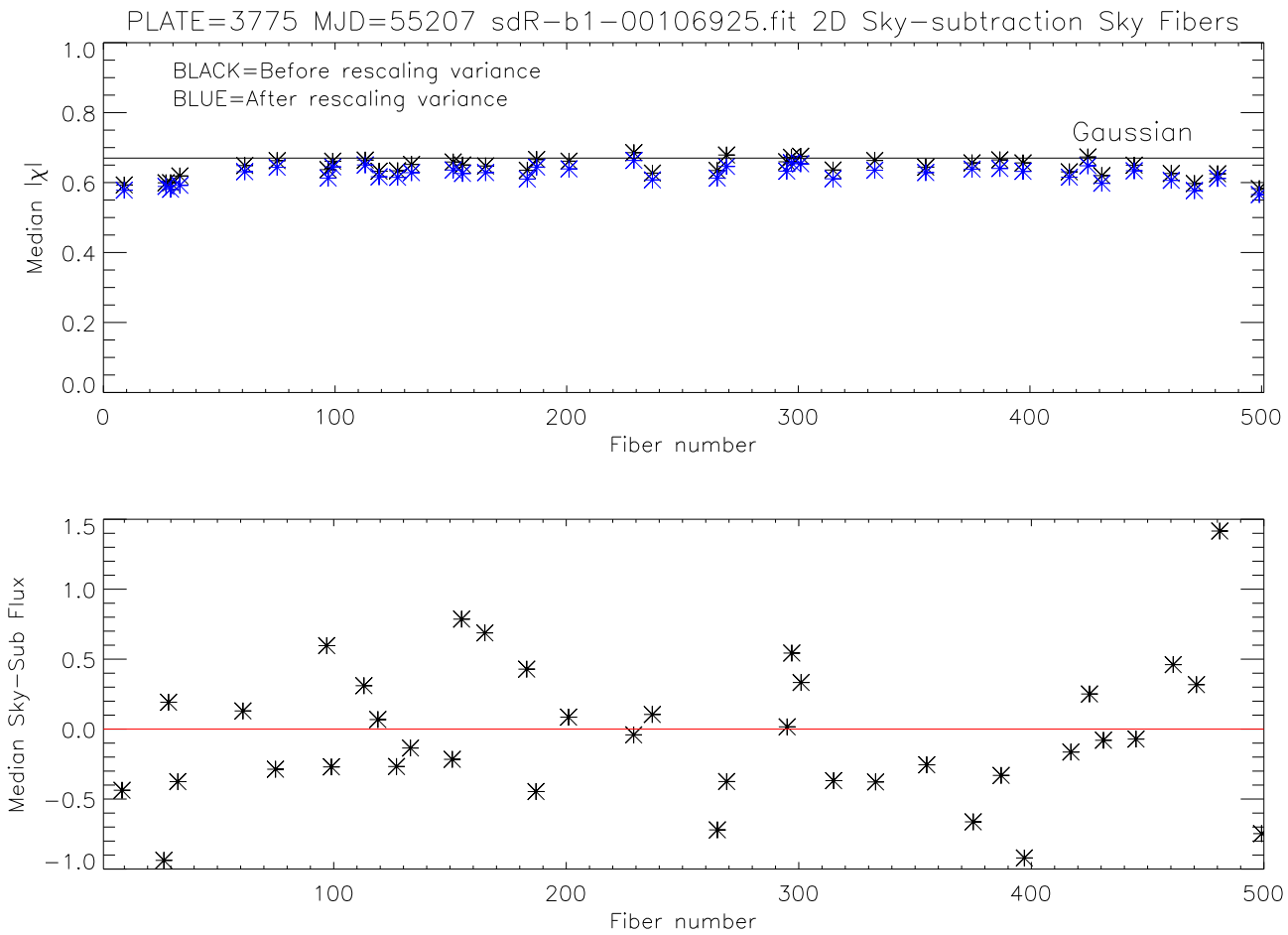

PLATE=3775 MJD=55207 sdR-b1-00106925.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

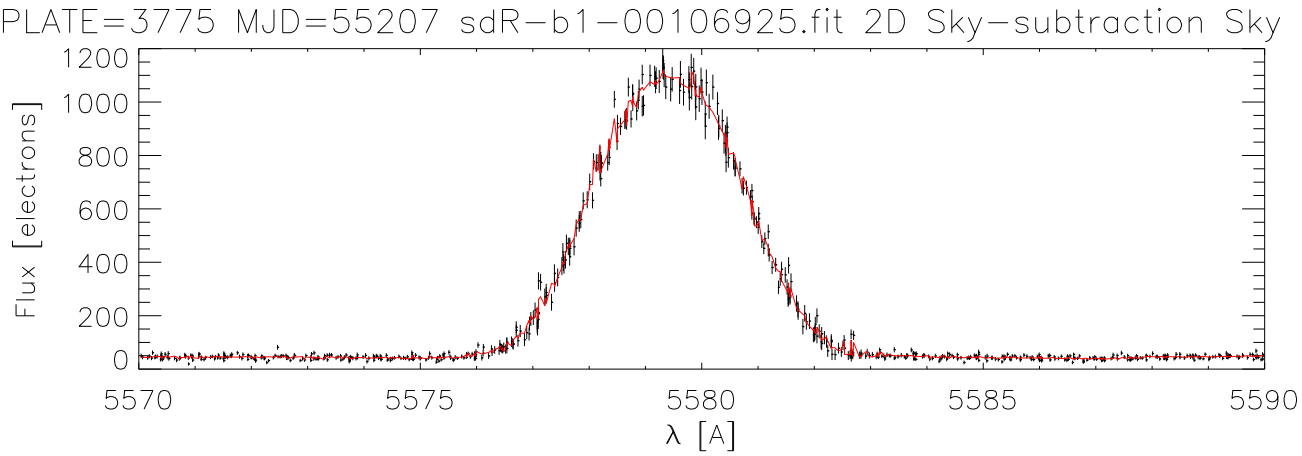

PLATE=3775 MJD=55207 sdR-b1-00106925.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

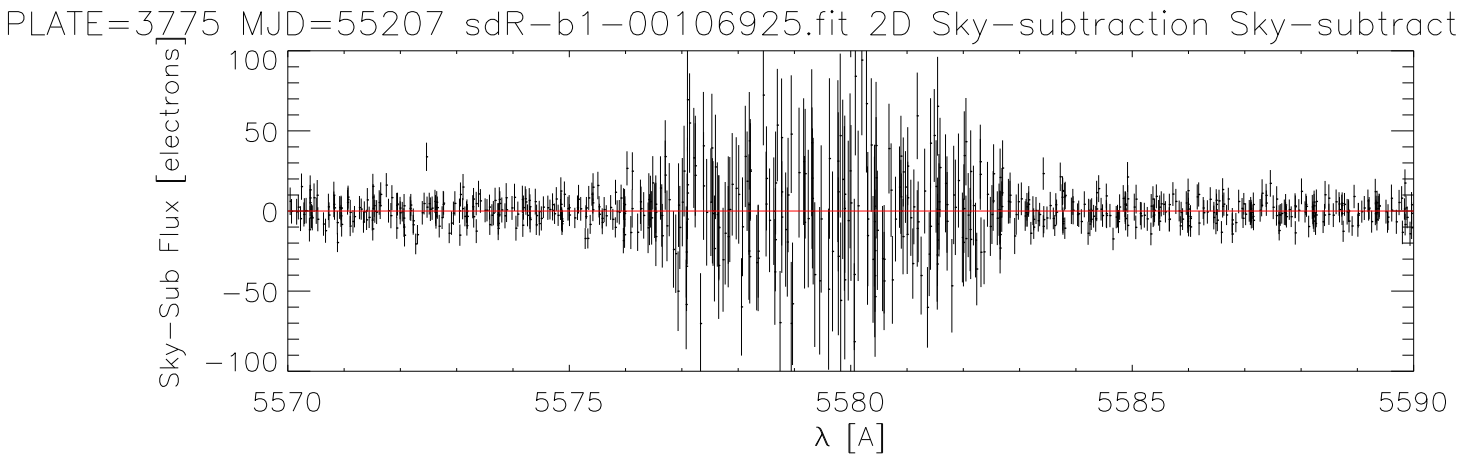

PLATE=3775 MJD=55207 sdR-b1-00106925.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
150
100
50
0
-50
-100
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 39

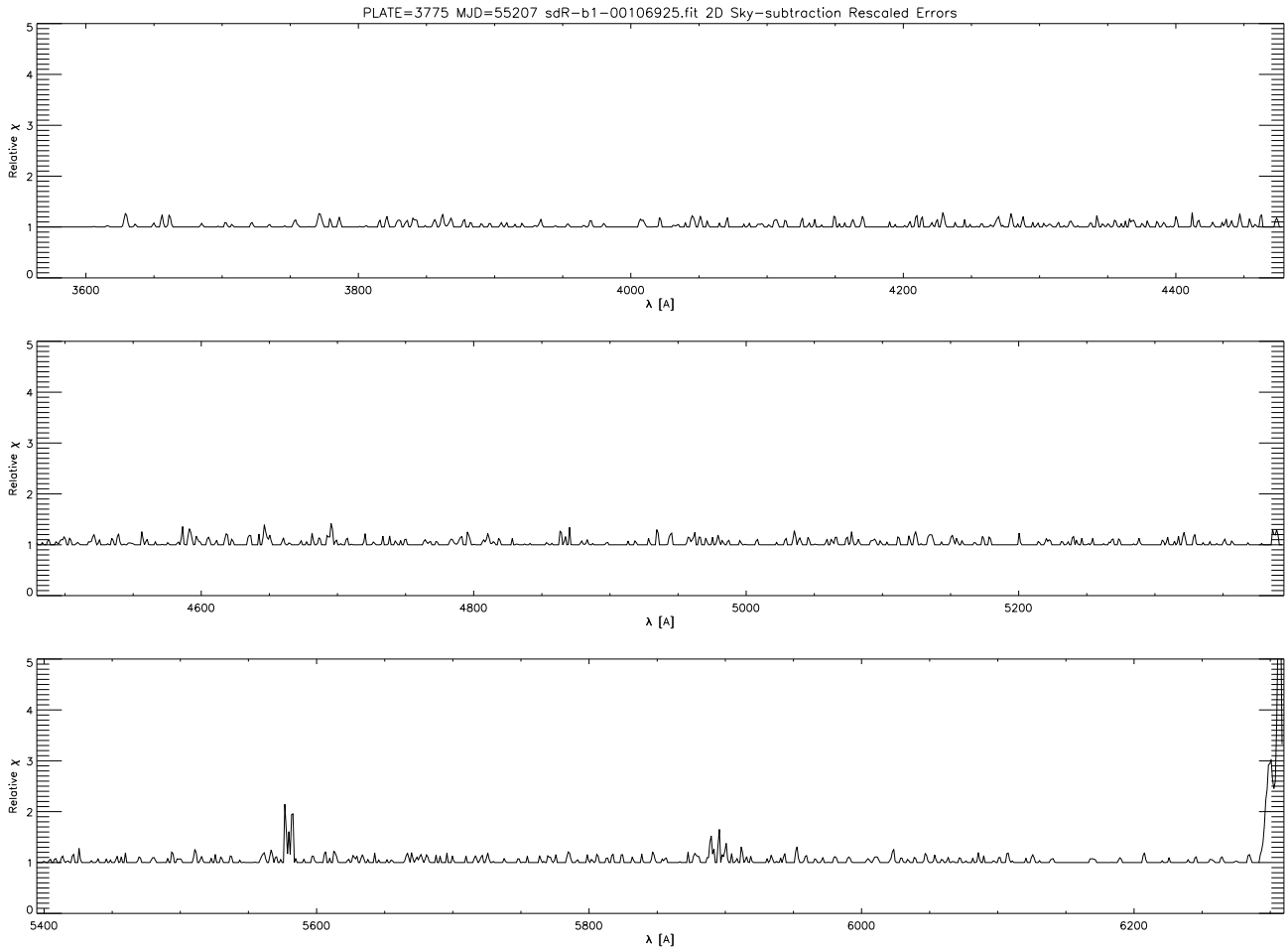


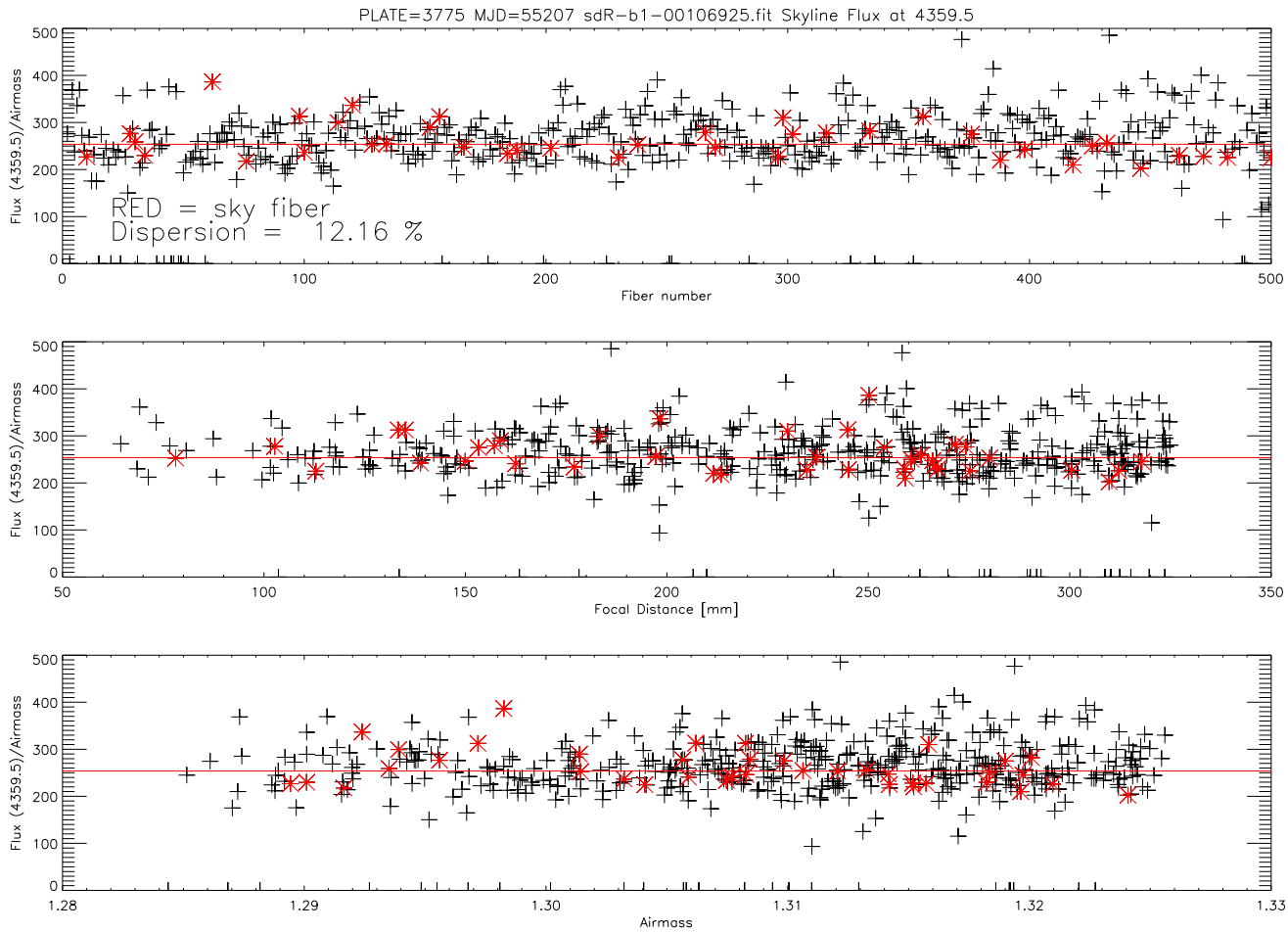

PLATE=3775 MJD=55207 sdR-b1-00106925.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

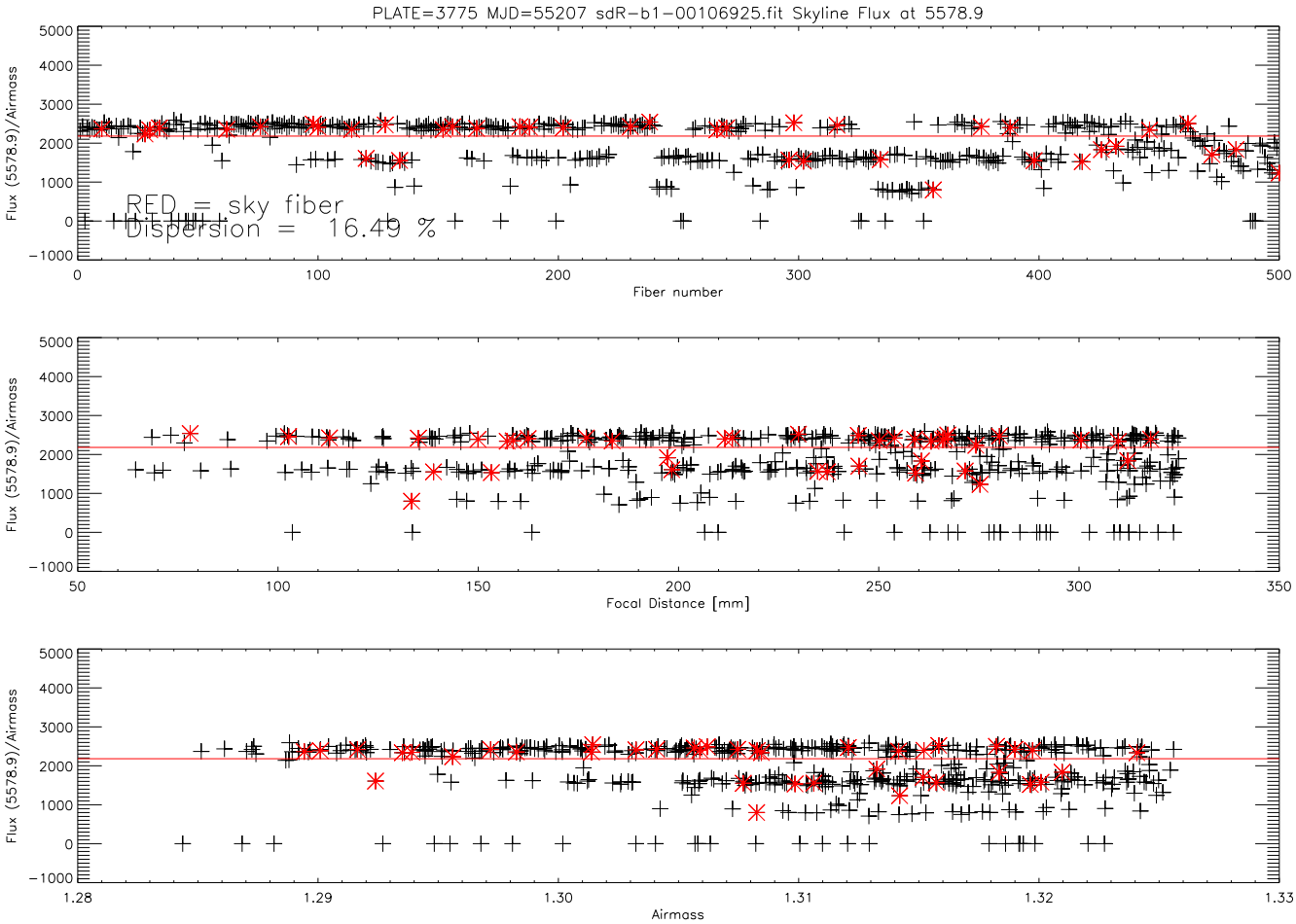

PLATE=3775 MJD=55207 sdR-b1-00106925.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]


PLATE=3775 MJD=55207 sdR-b1-00106925.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
100
50
0
-50
-100
5570
5575
5580
5585
5590
λ [A]

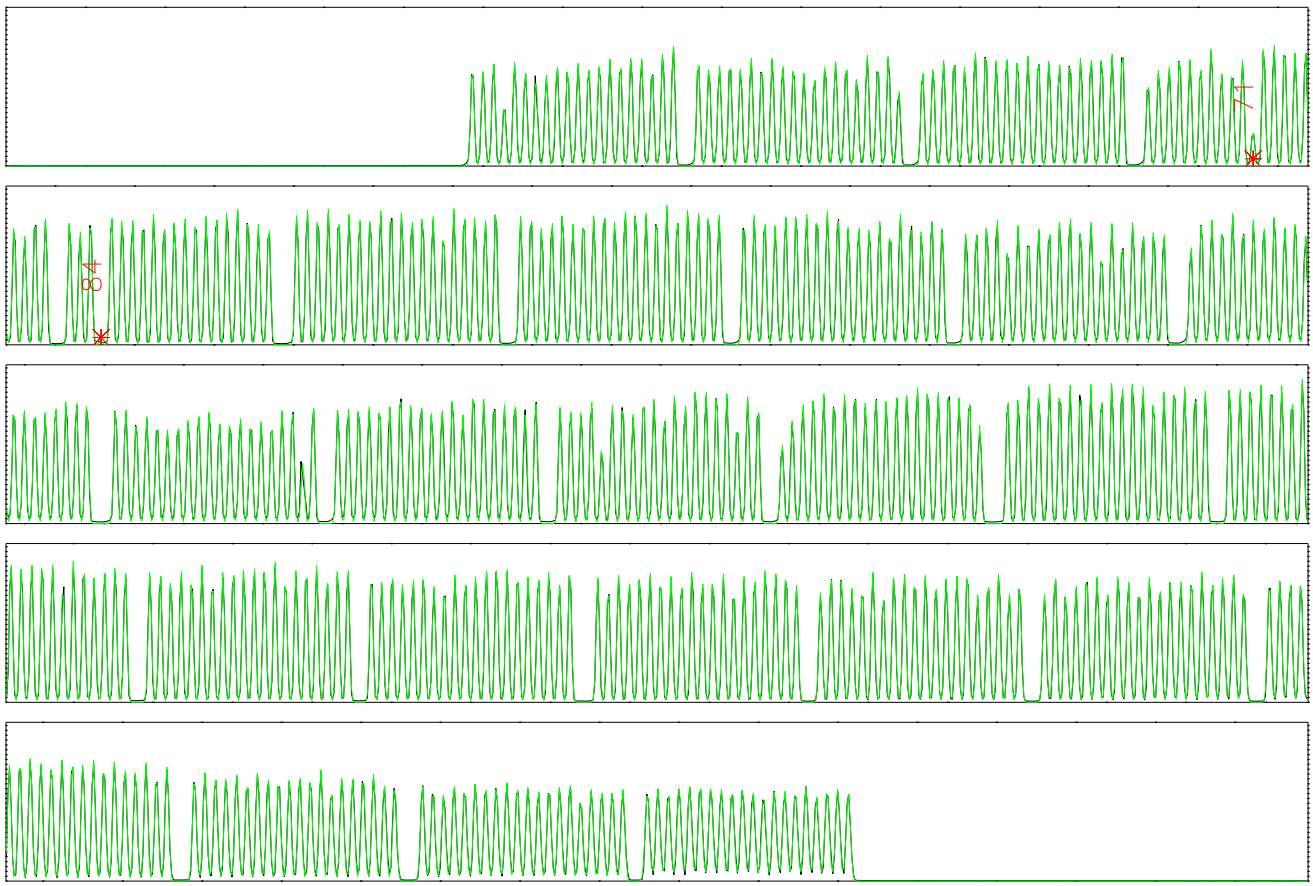
Number of sky fibers = 39



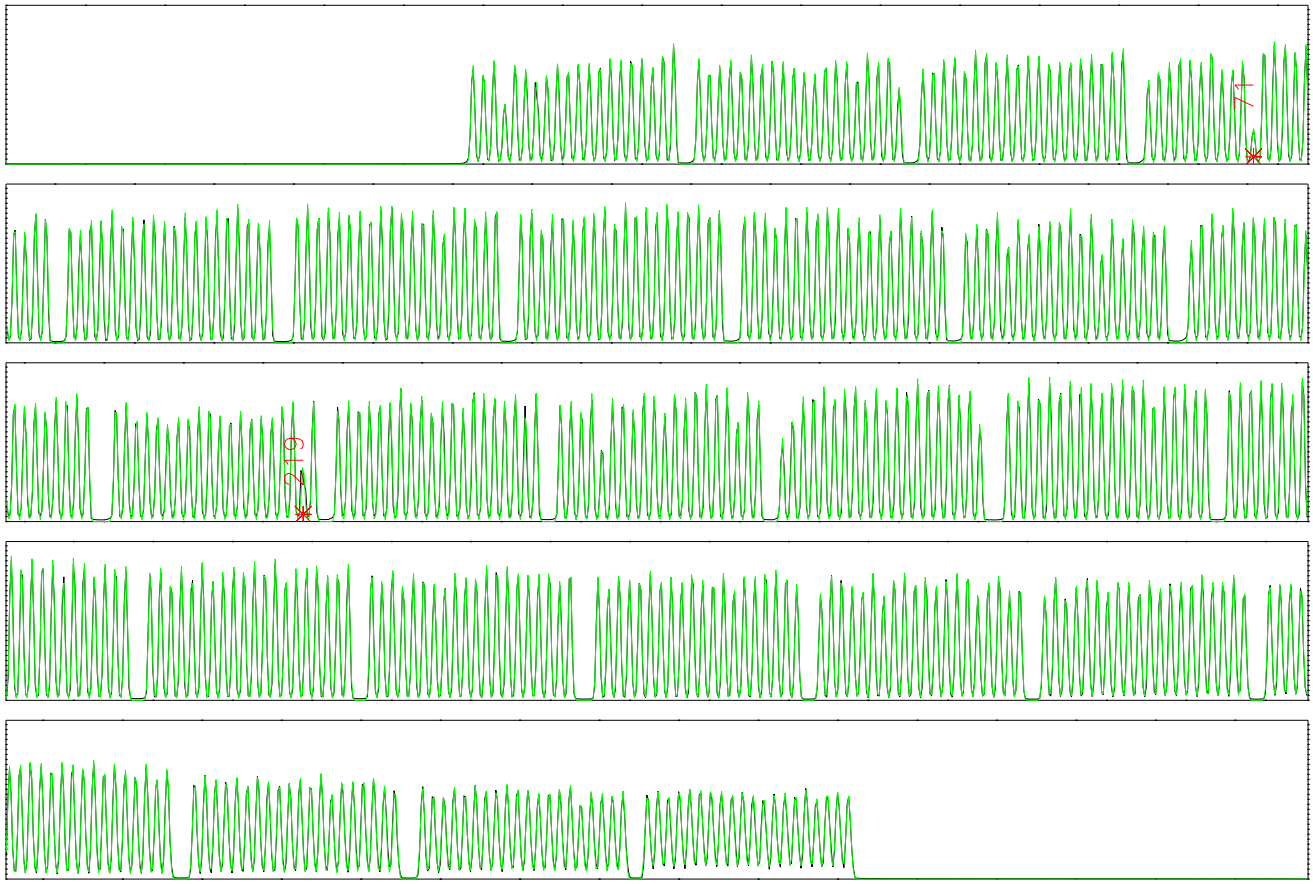

PLATE=3775 MJD=55207 sdR-b1-00106925.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
RED = sky fiber
Dispersion = 12.16 %
Fiber number
Focal Distance [mm]
Airmass

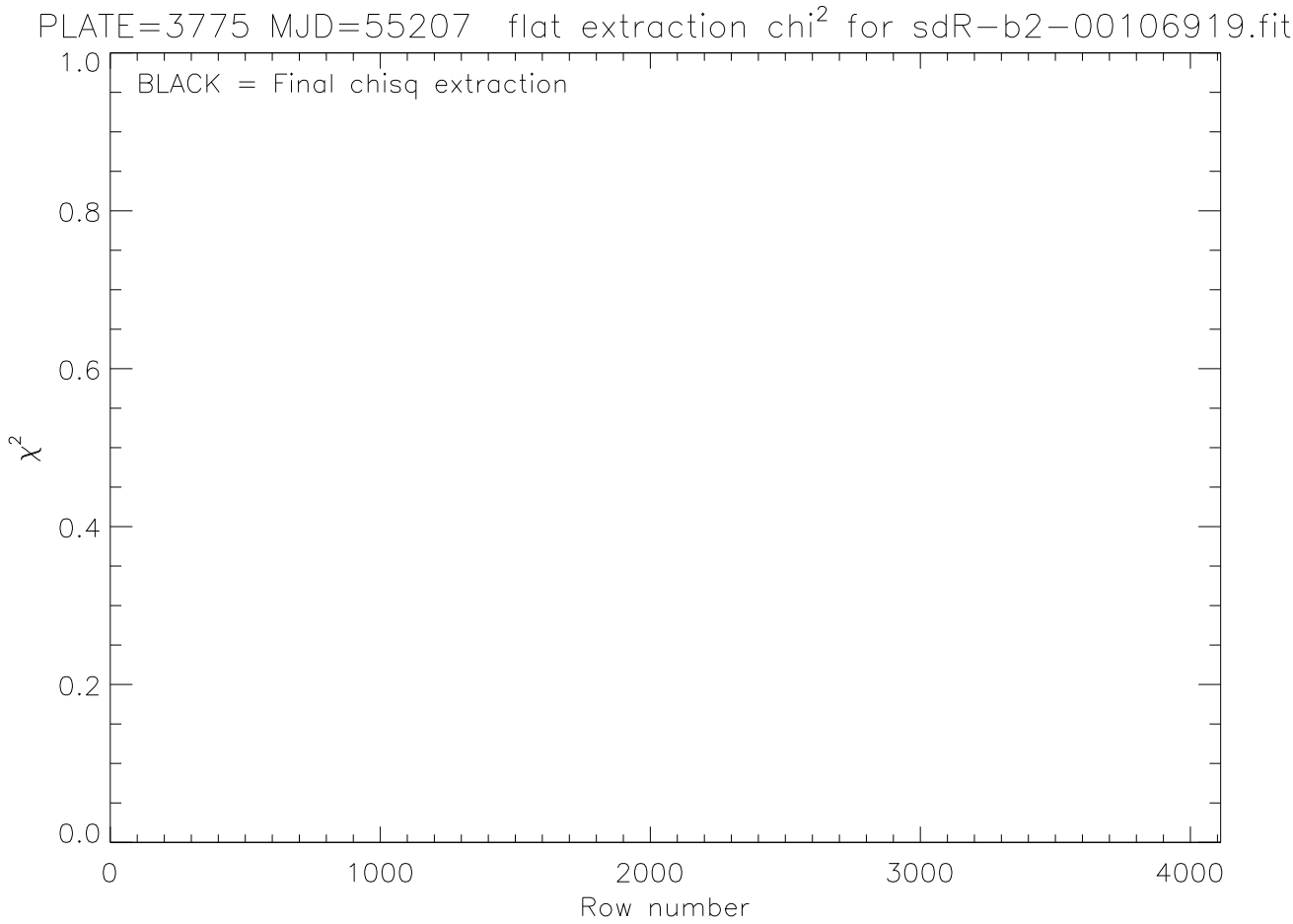

PLATE=3775 MJD=55207 sdR-b1-00106925.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
Fiber number
RED = sky fiber
Dispersion = 16.49 %
Flux (5578.9)/Airmass
Focal Distance [mm]
Flux (5578.9)/Airmass
Airmass

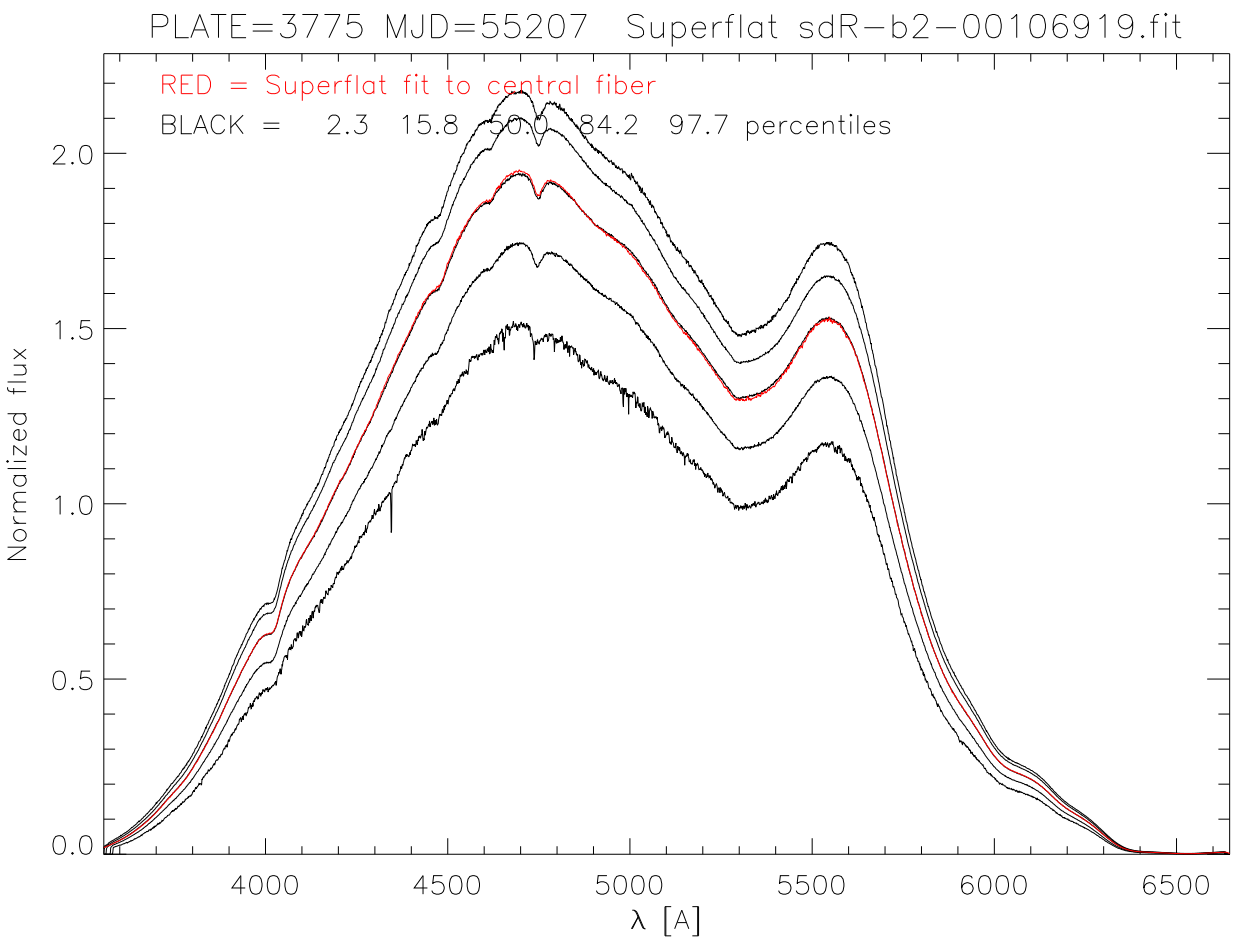
PLATE=3775 MJD=55207 Traces sdR-b2-00106919.fit

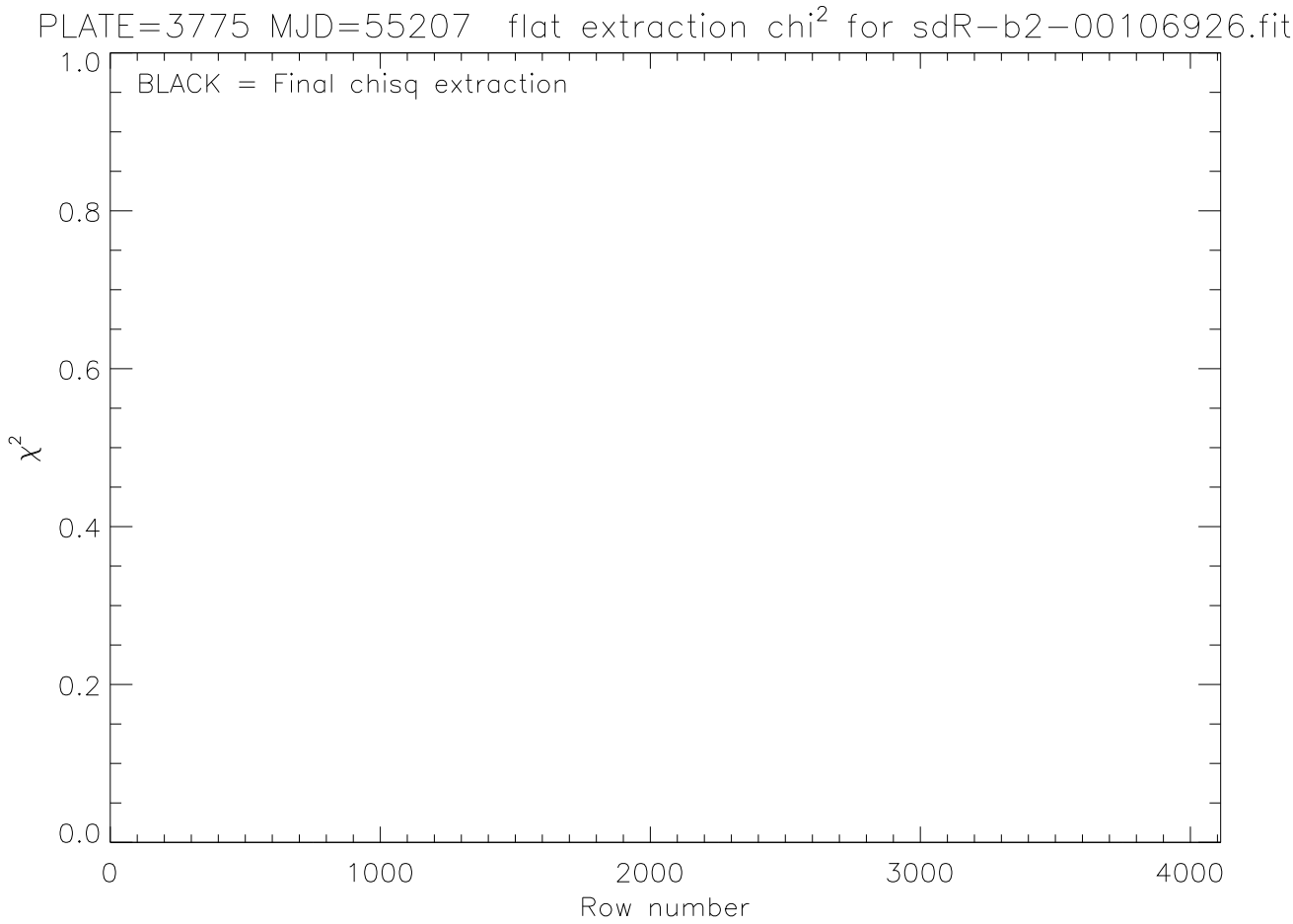


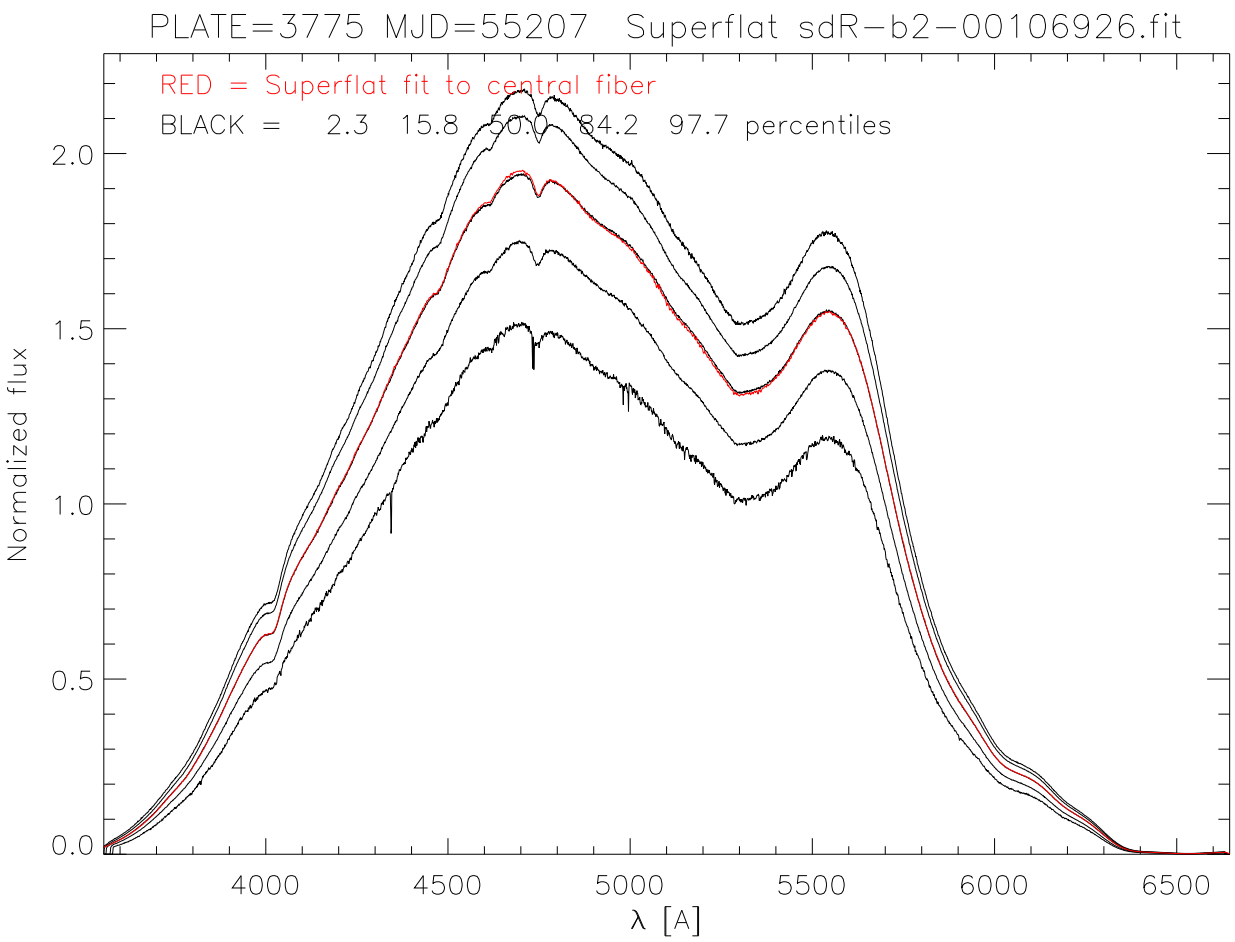
PLATE=3775 MJD=55207 Traces sdR-b2-00106926.fit

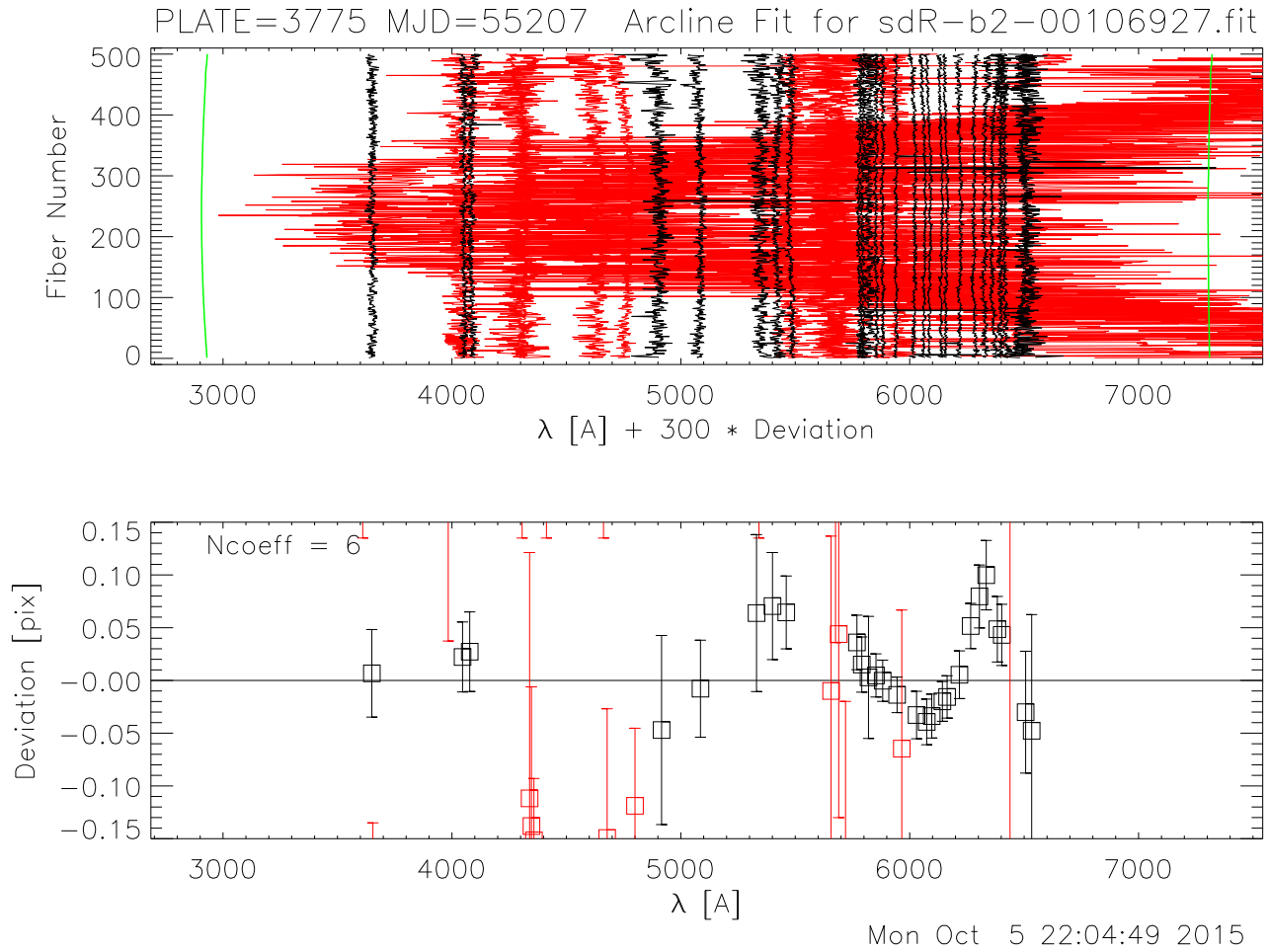


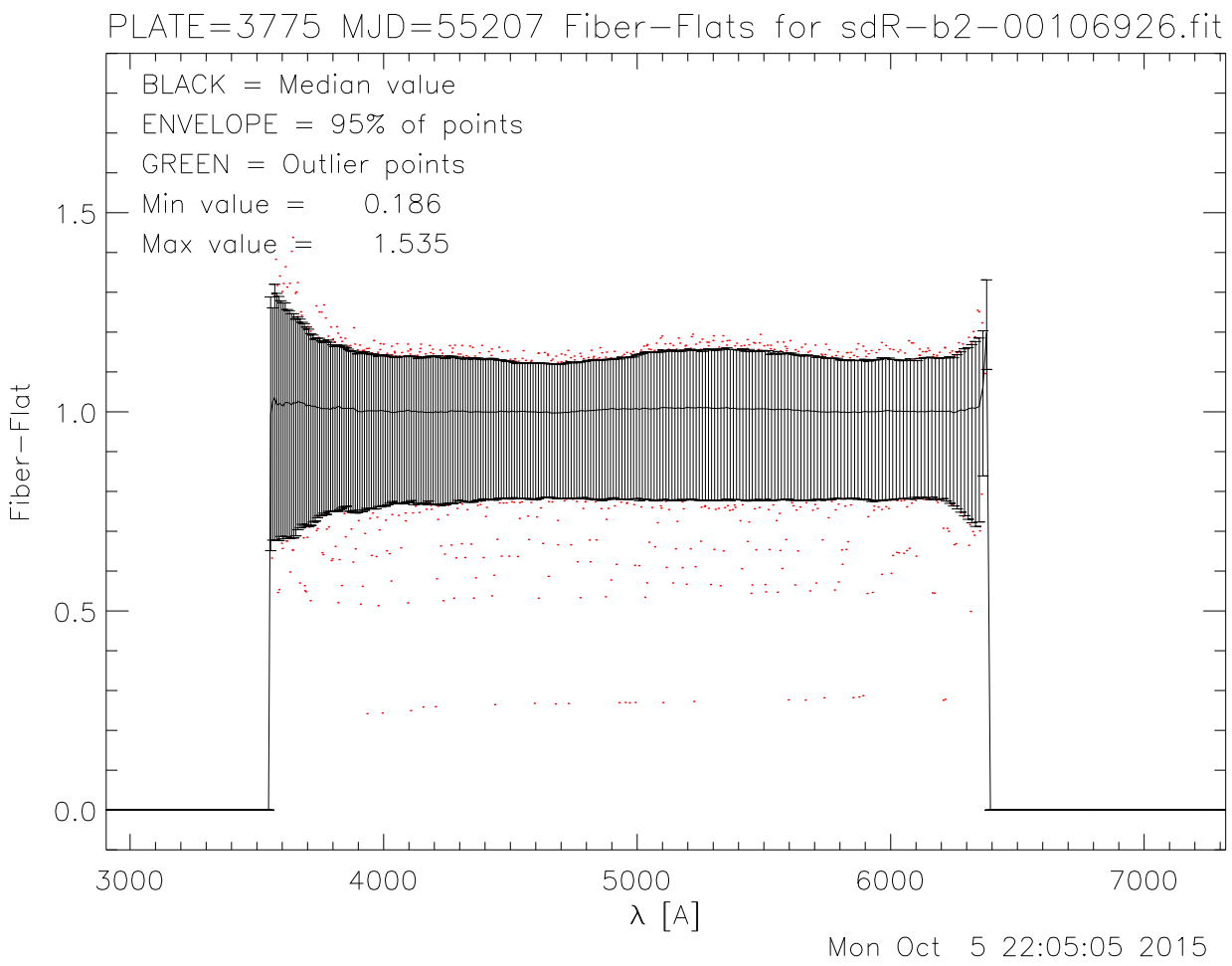

PLATE=3775 MJD=55207 flat extraction chi^2 for sdR-b2-00106919.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

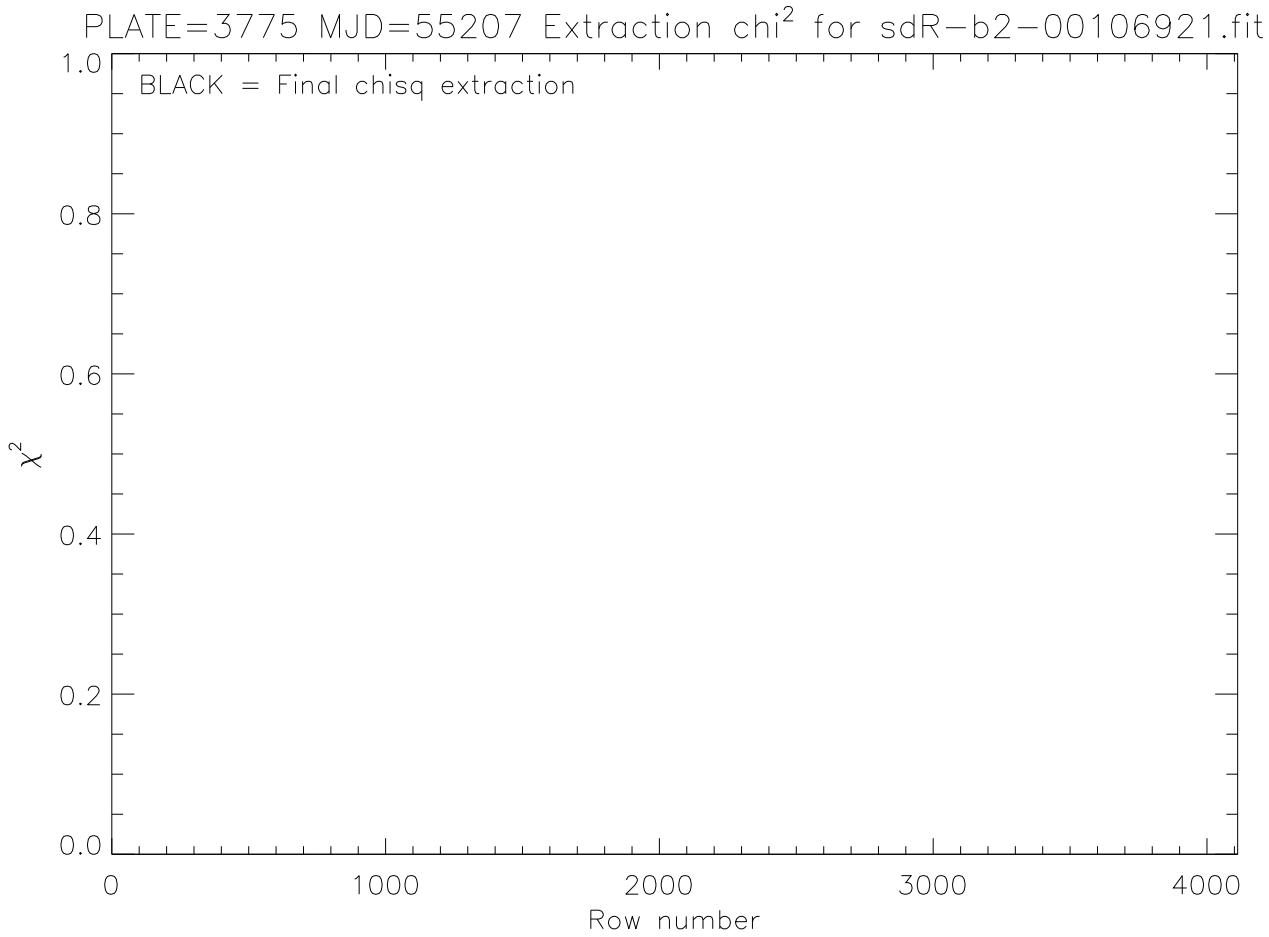

PLATE=3775 MJD=55207 Superflat sdR-b2-00106919.fit
RED = Superflat fit to central fiber
BLACK = 2.3 15.8 50.0 84.2 97.7 percentiles
Normalized flux
λ [A]
0.0
0.5
1.0
1.5
2.0
4000
4500
5000
5500
6000
6500

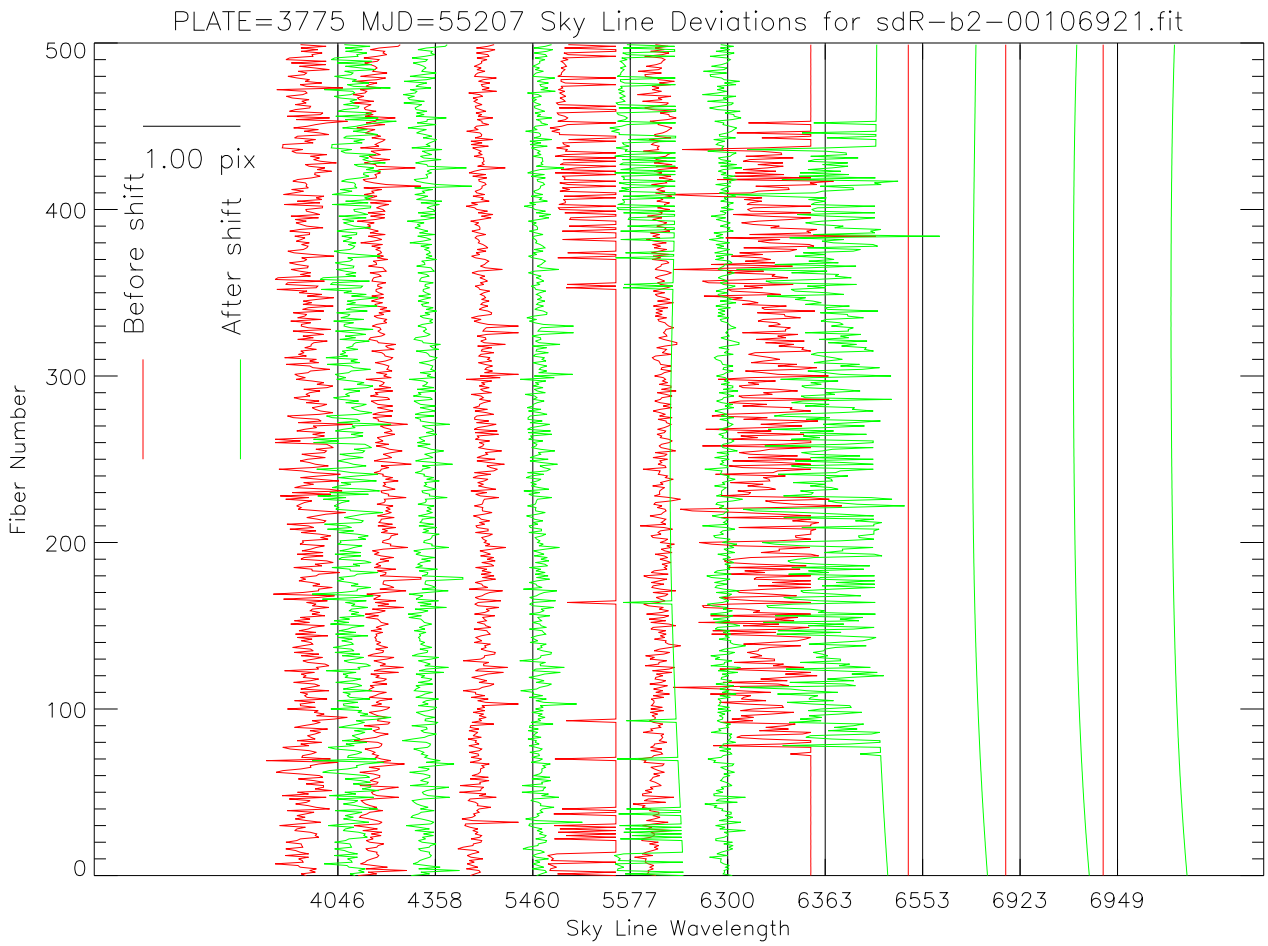

PLATE=3775 MJD=55207 flat extraction chi^2 for sdR−b2−00106926.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

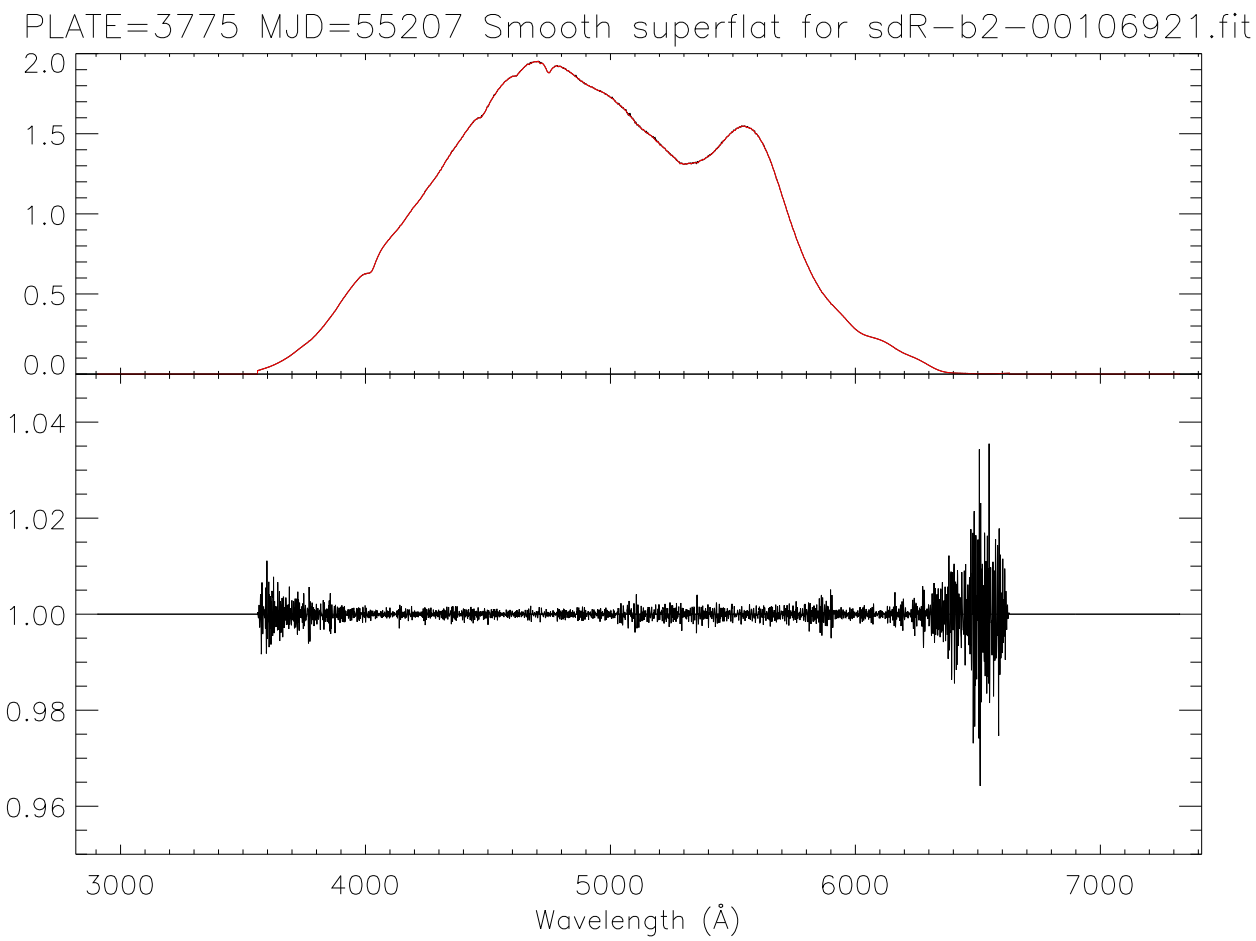

PLATE=3775 MJD=55207 Superflat sdR-b2-00106926.fit
RED = Superflat fit to central fiber
BLACK = 2.3 15.8 50.0 84.2 97.7 percentiles
Normalized flux
λ [A]
0.0
0.5
1.0
1.5
2.0
4000
4500
5000
5500
6000
6500

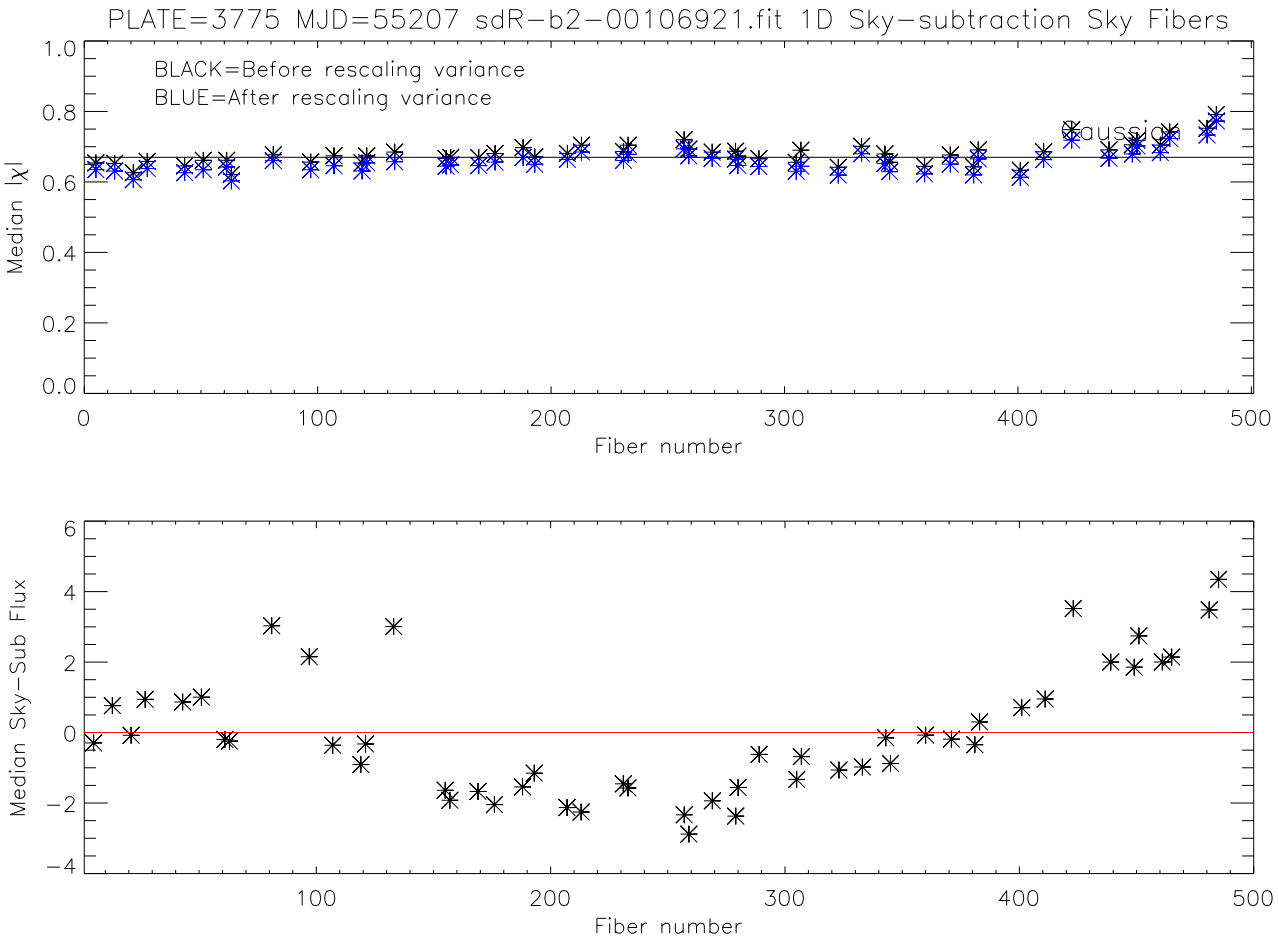

PLATE=3775 MJD=55207 Arcline Fit for sdR-b2-00106927.fit
Fiber Number
500
400
300
200
100
0
3000
4000
5000
6000
7000
λ [A] + 300 * Deviation
Ncoeff = 6
Deviation [pix]
0.15
0.10
0.05
−0.00
−0.05
−0.10
−0.15
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 22:04:49 2015

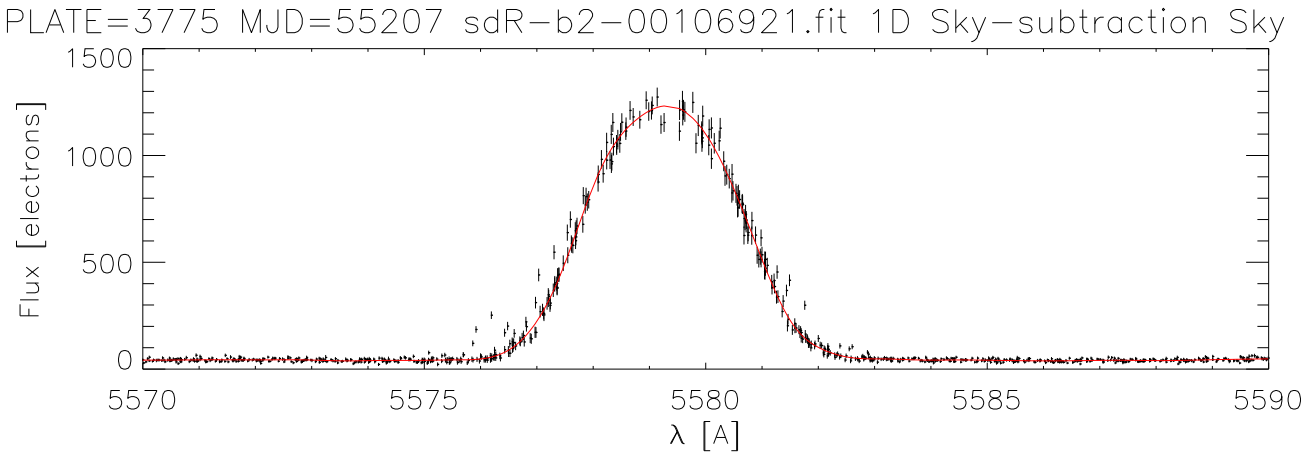

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b2-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = 0.186
Max value = 1.535
Fiber-Flat
1.5
1.0
0.5
0.0
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 22:05:05 2015

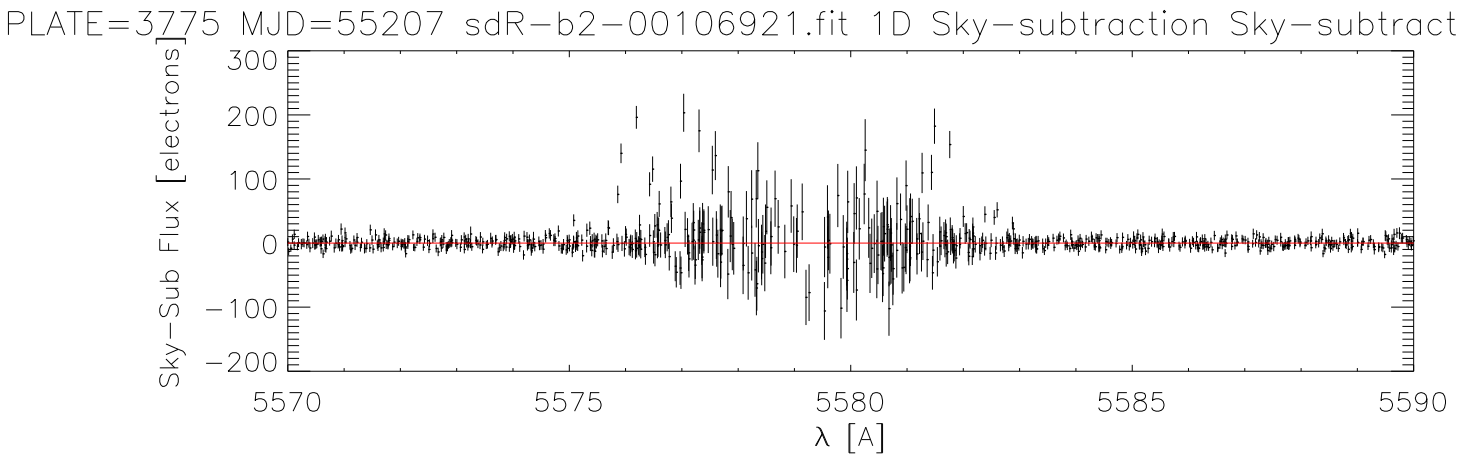

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b2-00106921.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b2-00106921.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

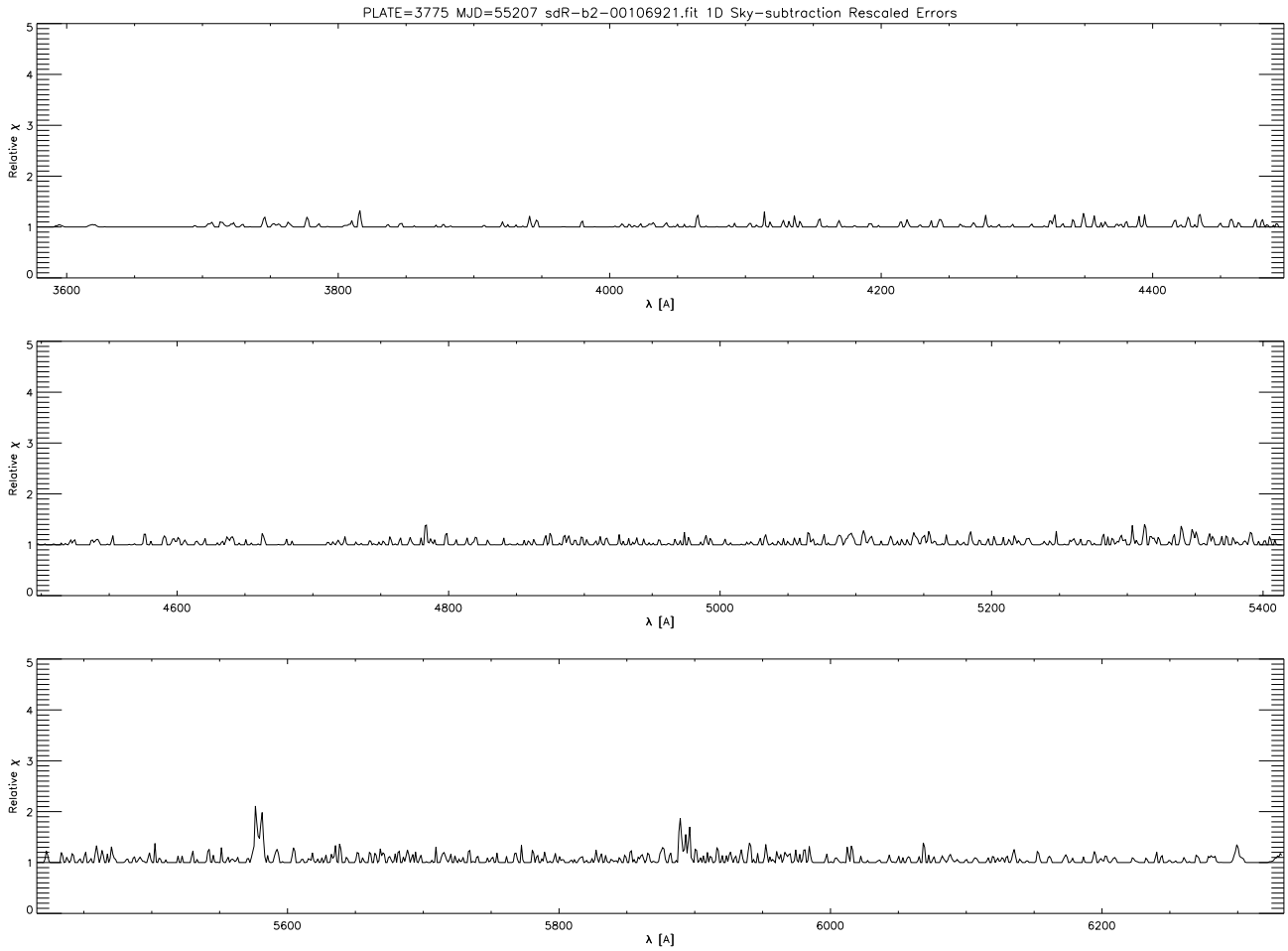

PLATE=3775 MJD=55207 Smooth superflat for sdR-b2-00106921.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

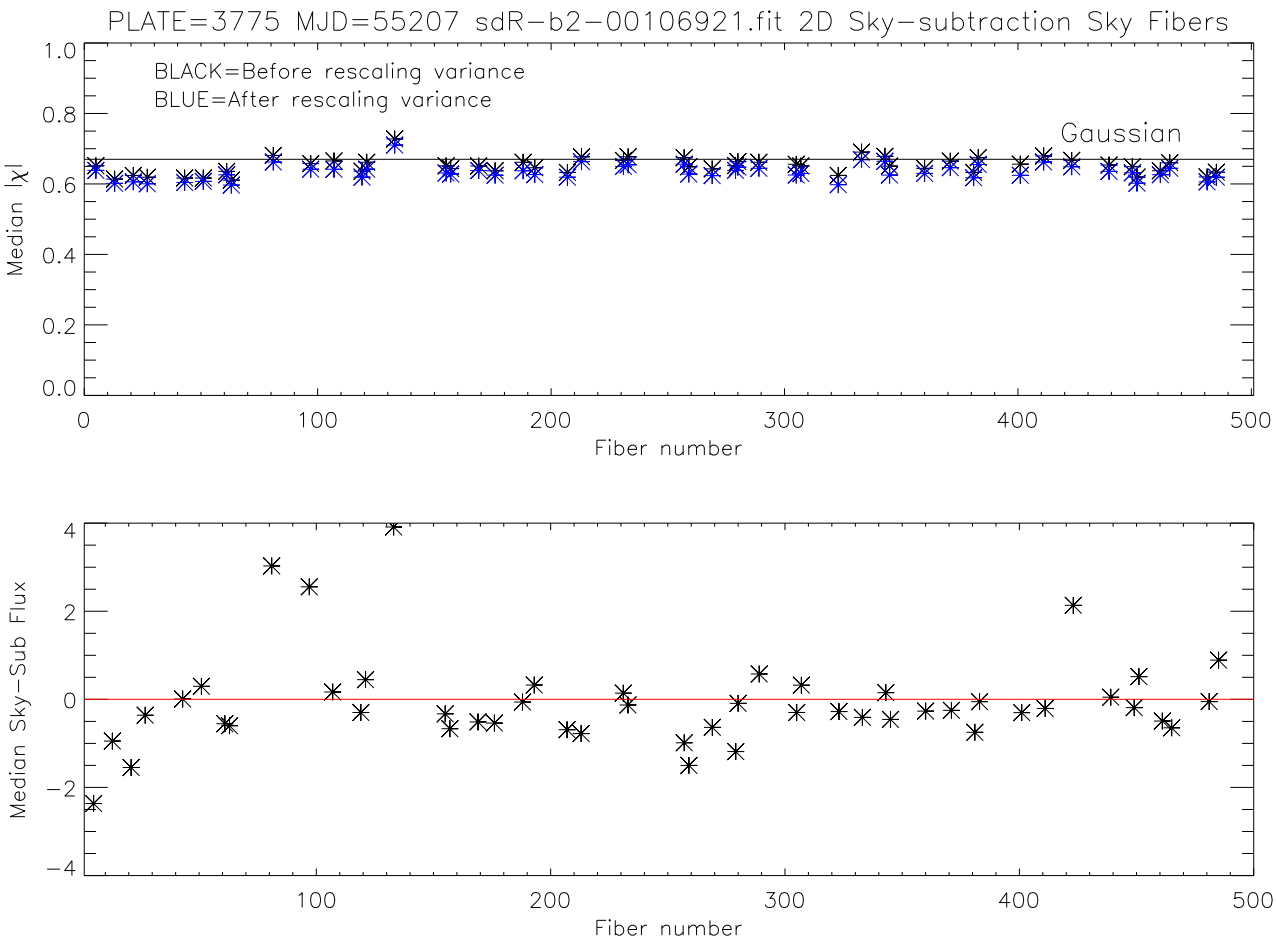

PLATE=3775 MJD=55207 sdR-b2-00106921.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

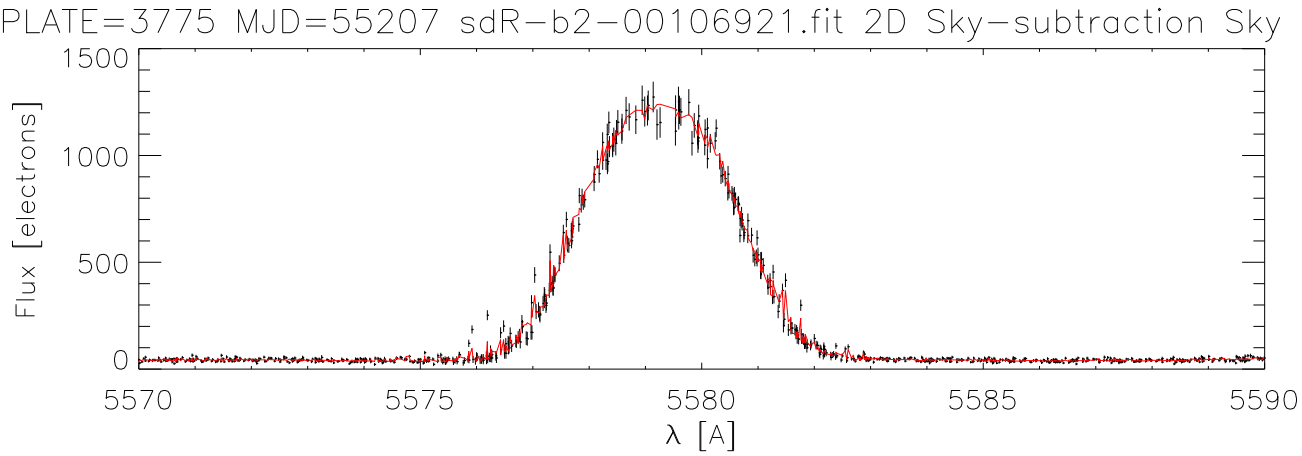

PLATE=3775 MJD=55207 sdR-b2-00106921.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1500
1000
500
0
5570
5575
5580
5585
5590
λ [A]

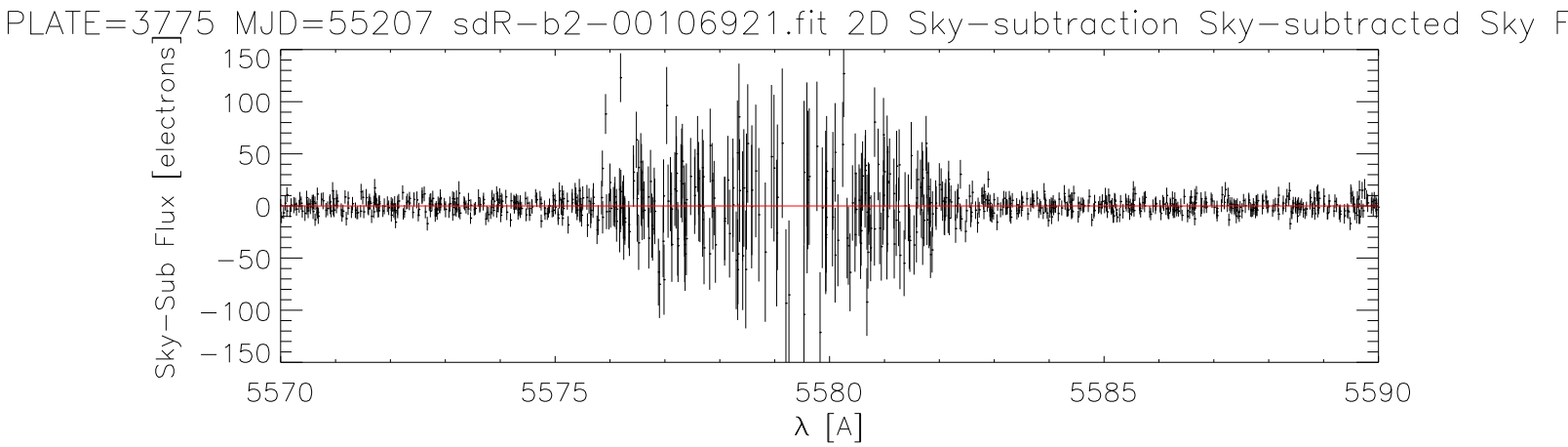

PLATE=3775 MJD=55207 sdR-b2-00106921.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
300
200
100
0
-100
-200
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 50

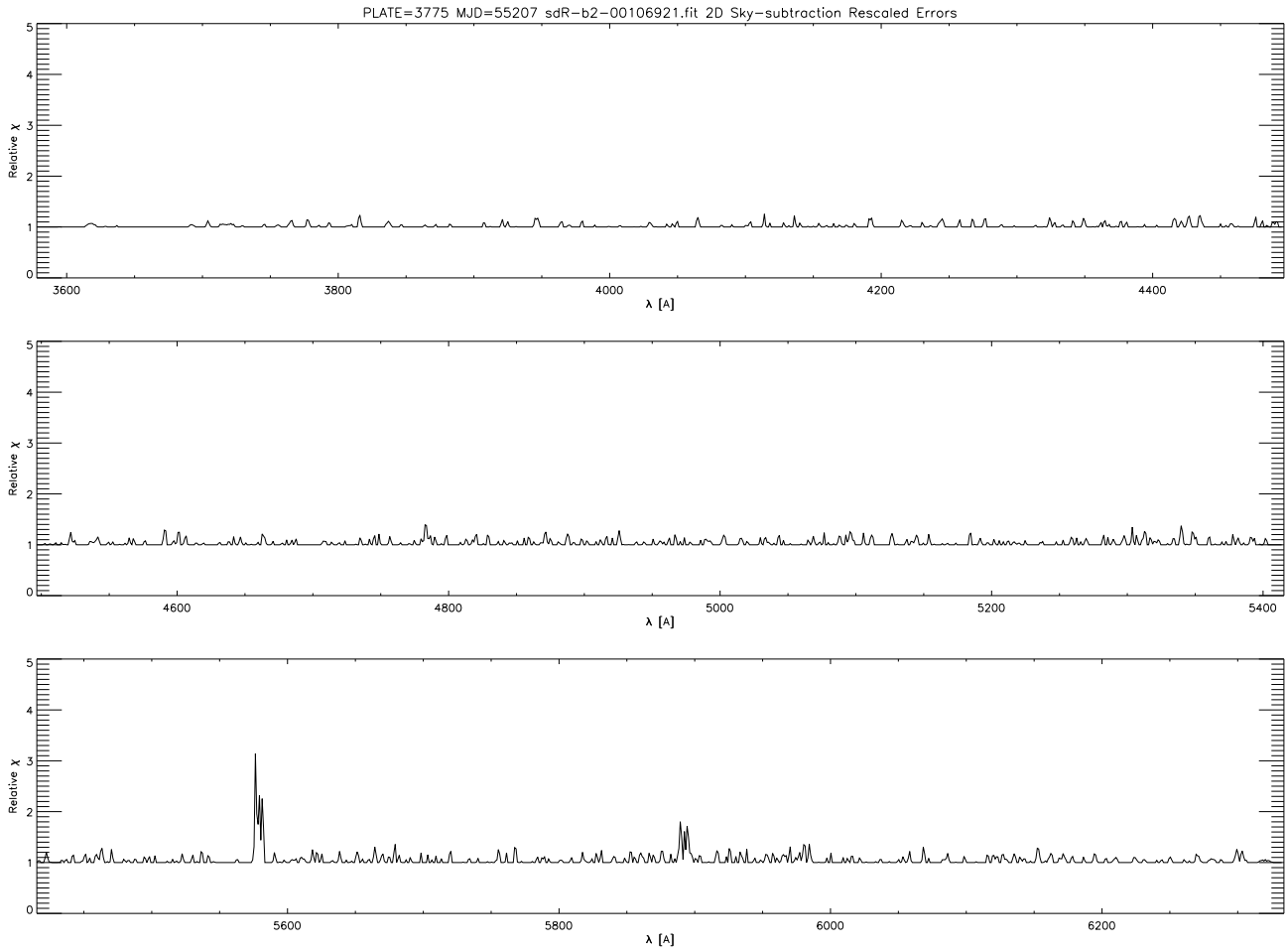


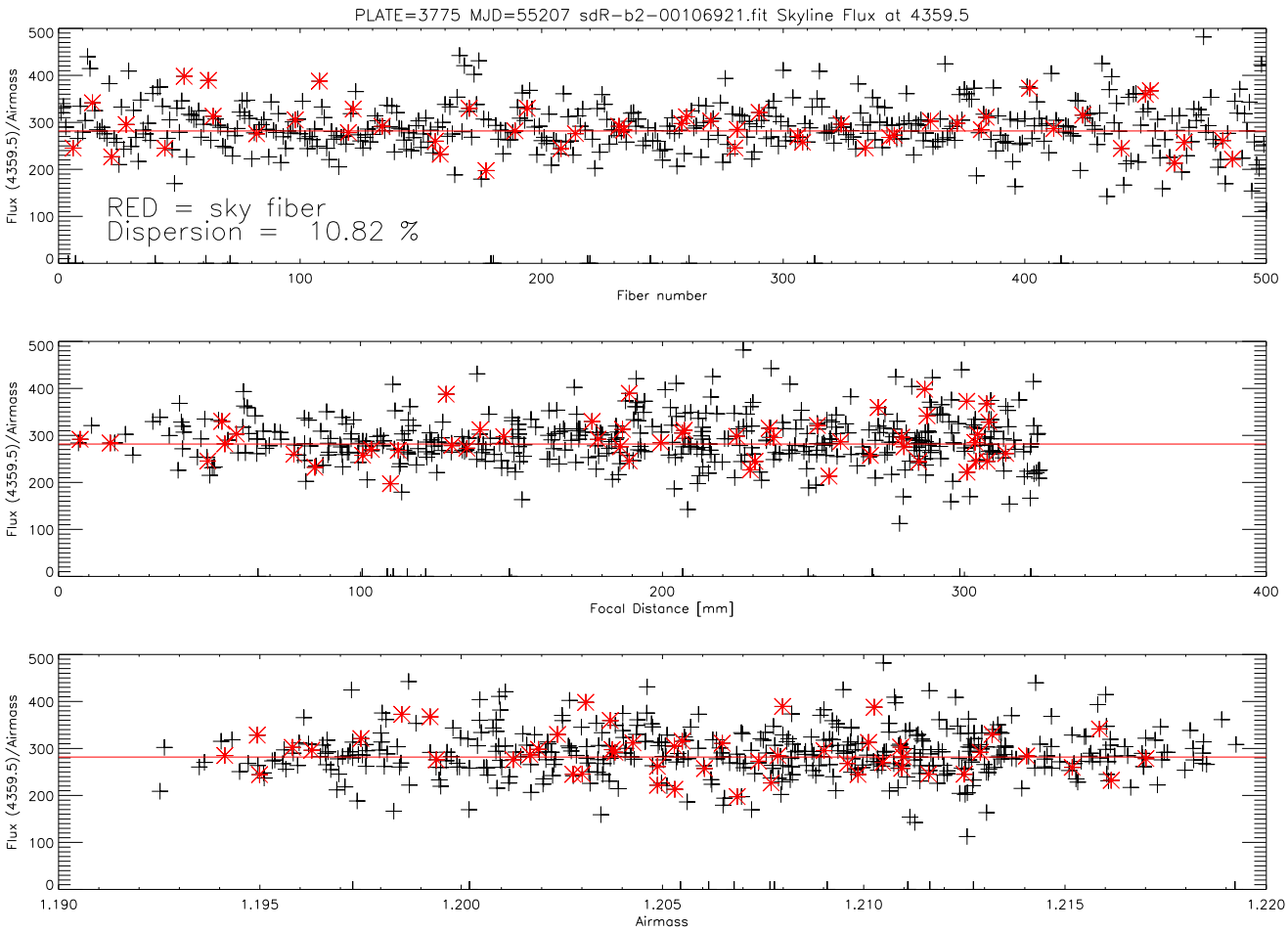

PLATE=3775 MJD=55207 sdR-b2-00106921.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

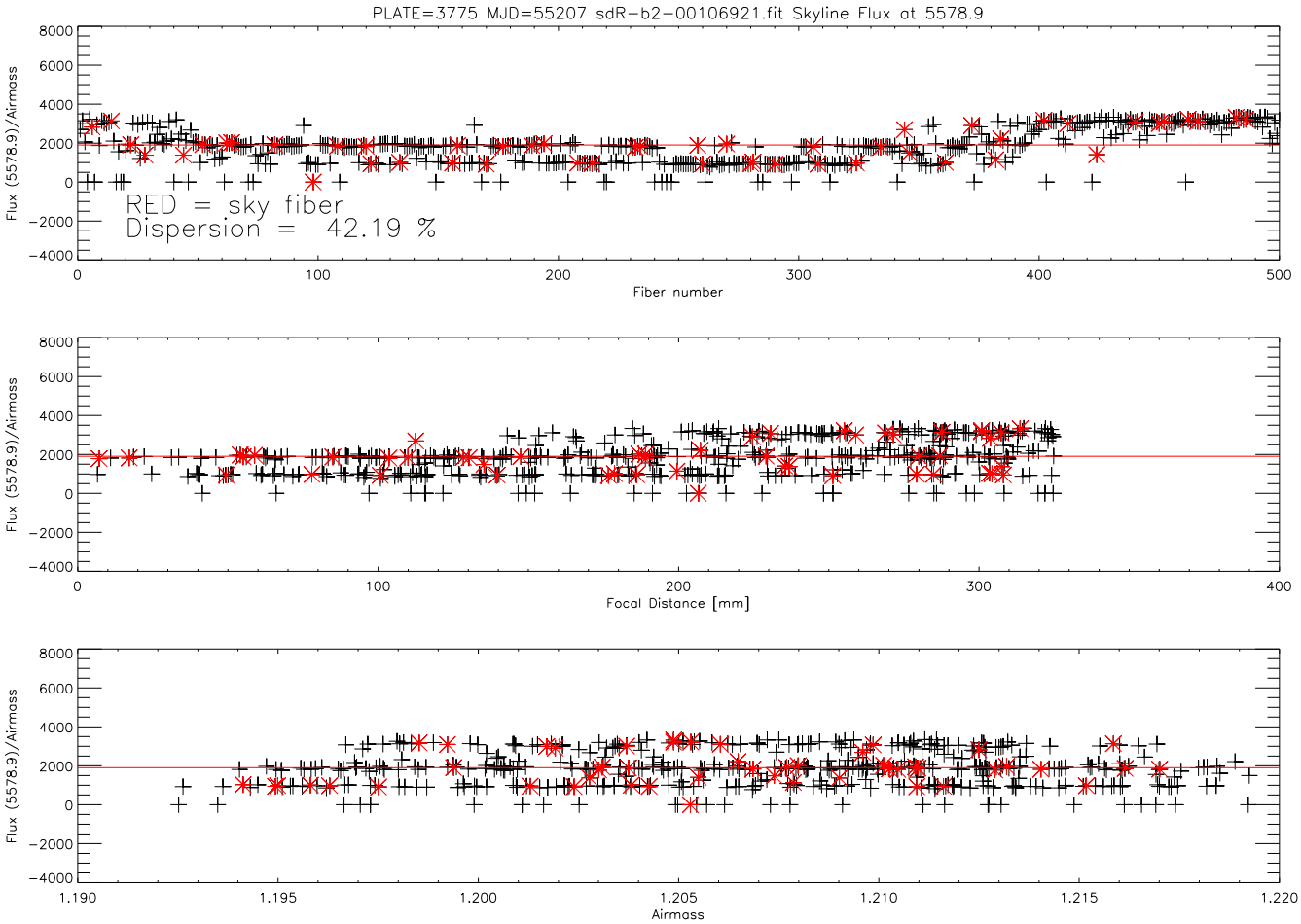

PLATE=3775 MJD=55207 sdR-b2-00106921.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1500
1000
500
0
5570
5575
5580
5585
5590
λ [A]

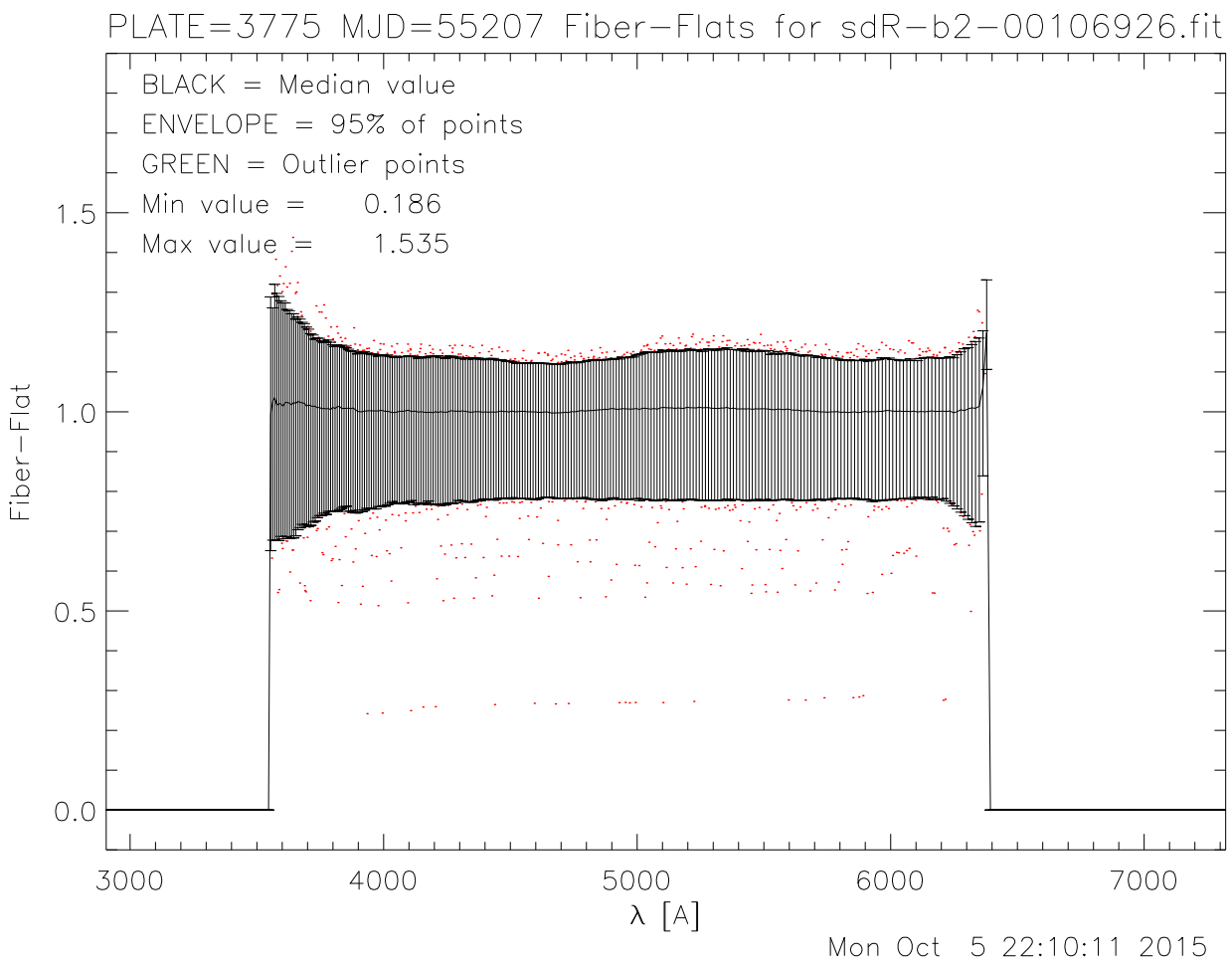

PLATE=3775 MJD=55207 sdR-b2-00106921.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
150
100
50
0
-50
-100
-150
5570
5575
5580
5585
5590
λ [A]

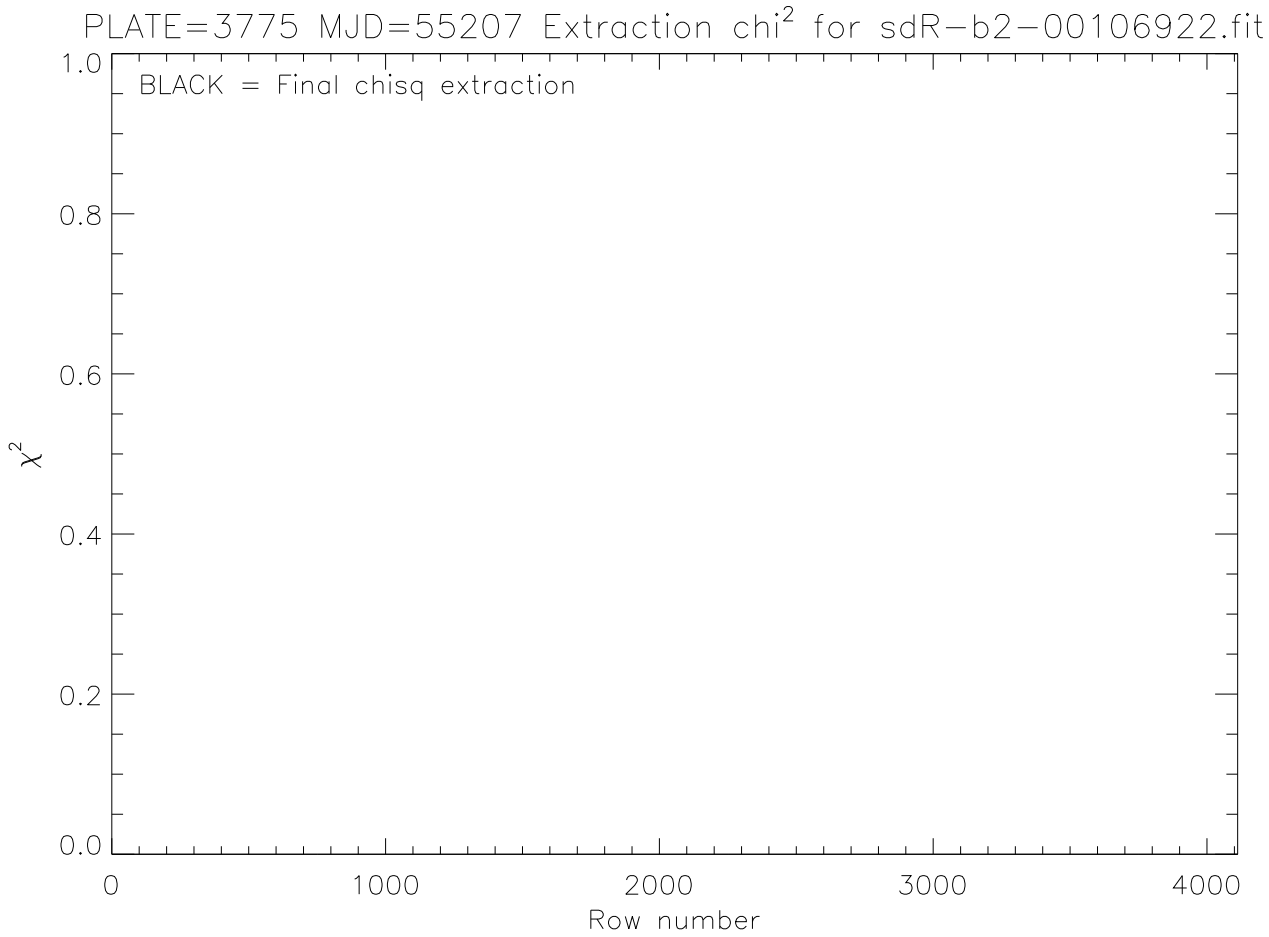
Number of sky fibers = 50

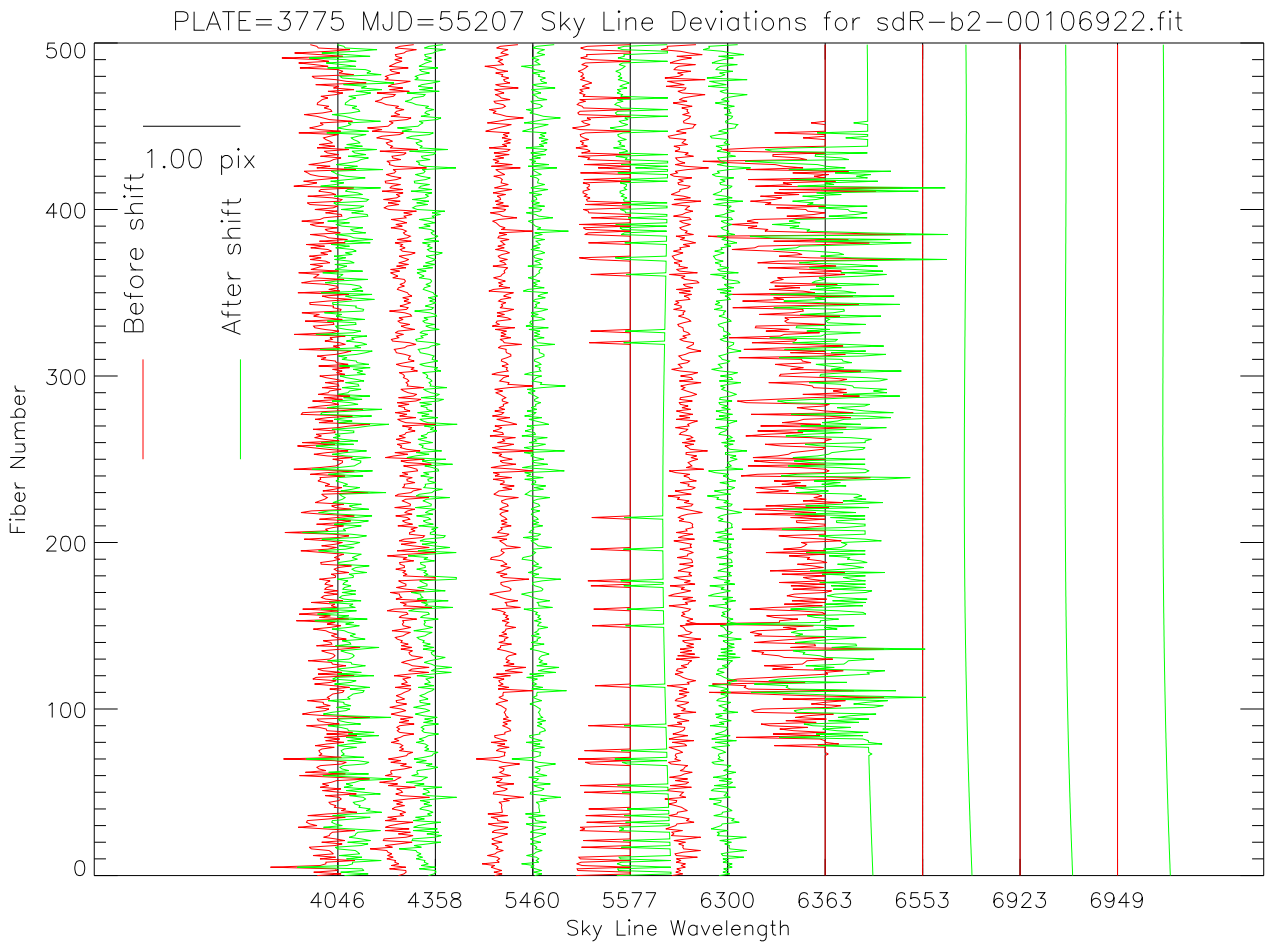


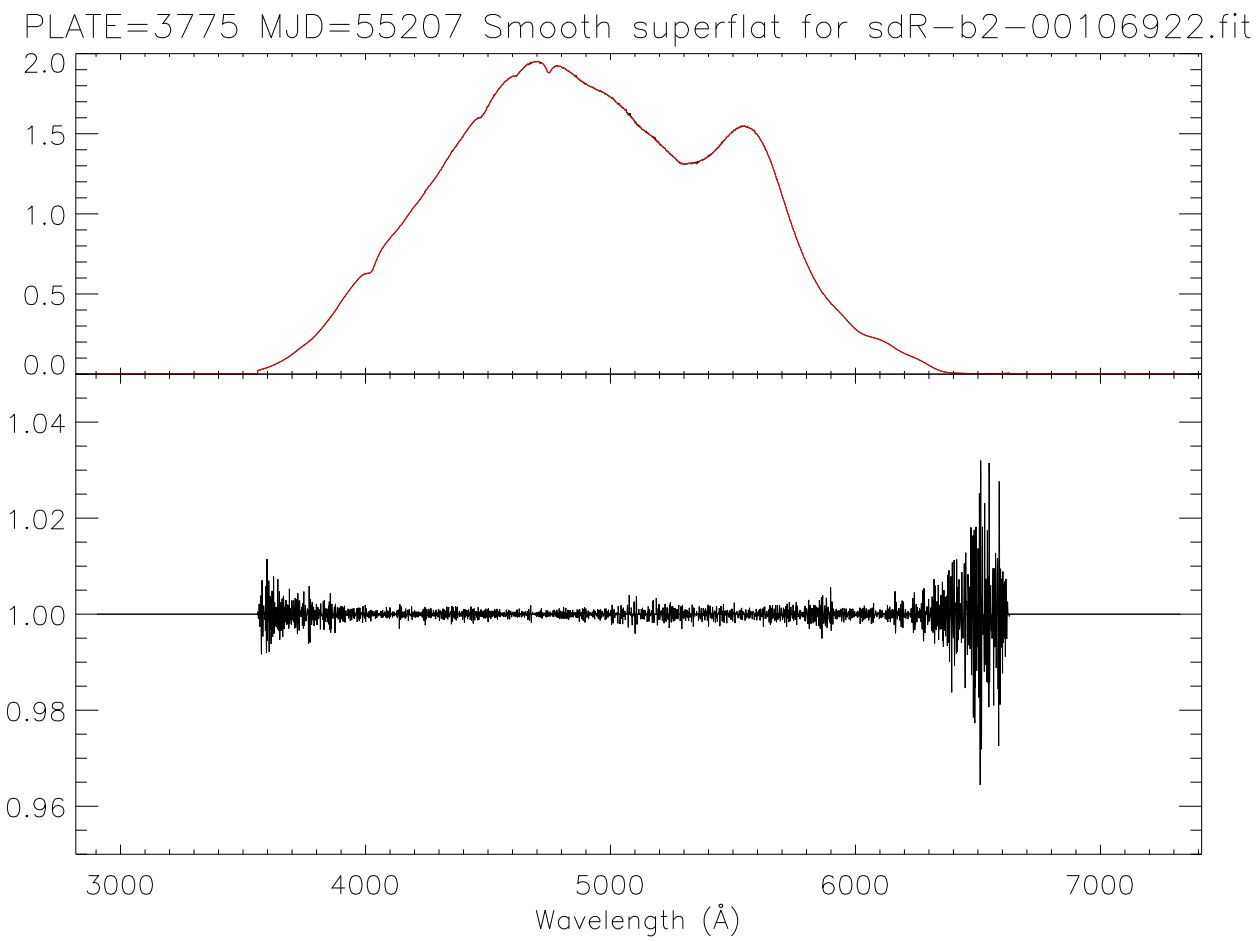

PLATE=3775 MJD=55207 sdR-b2-00106921.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
RED = sky fiber
Dispersion = 10.82 %
Fiber number
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

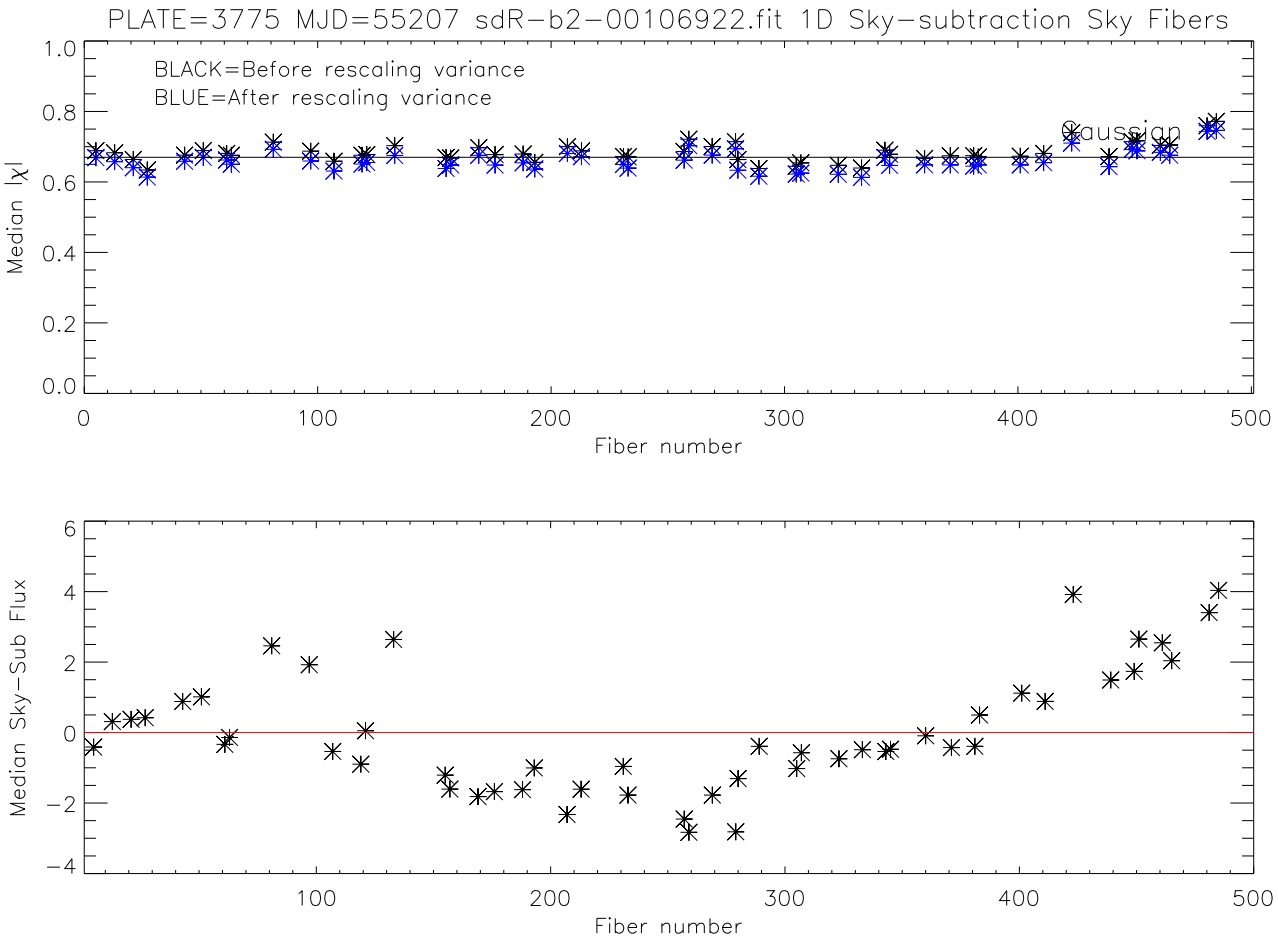

PLATE=3775 MJD=55207 sdR-b2-00106921.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
RED = sky fiber
Dispersion = 42.19 %
Fiber number
Flux (5578.9)/Airmass
Focal Distance [mm]
Flux (5578.9)/Airmass
Airmass

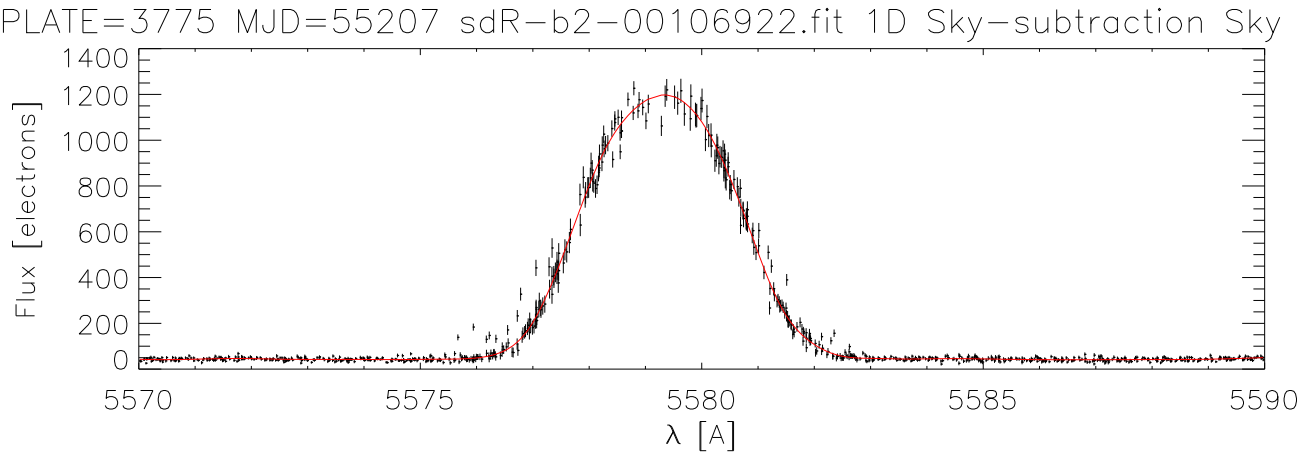

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b2-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = 0.186
Max value = 1.535
Fiber-Flat
1.5
1.0
0.5
0.0
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 22:10:11 2015

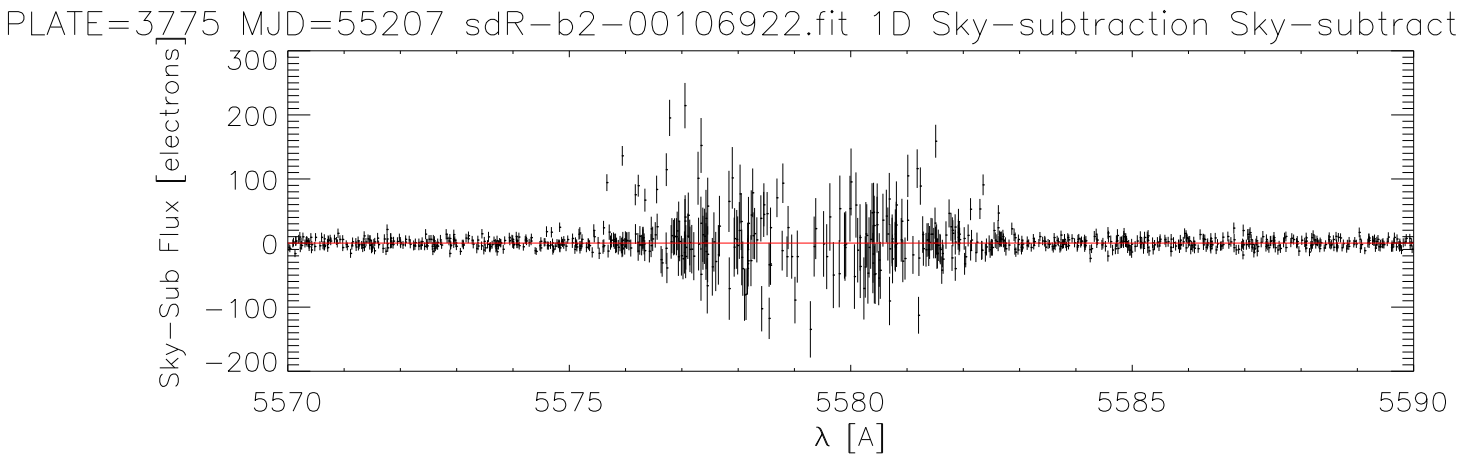

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b2-00106922.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b2-00106922.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

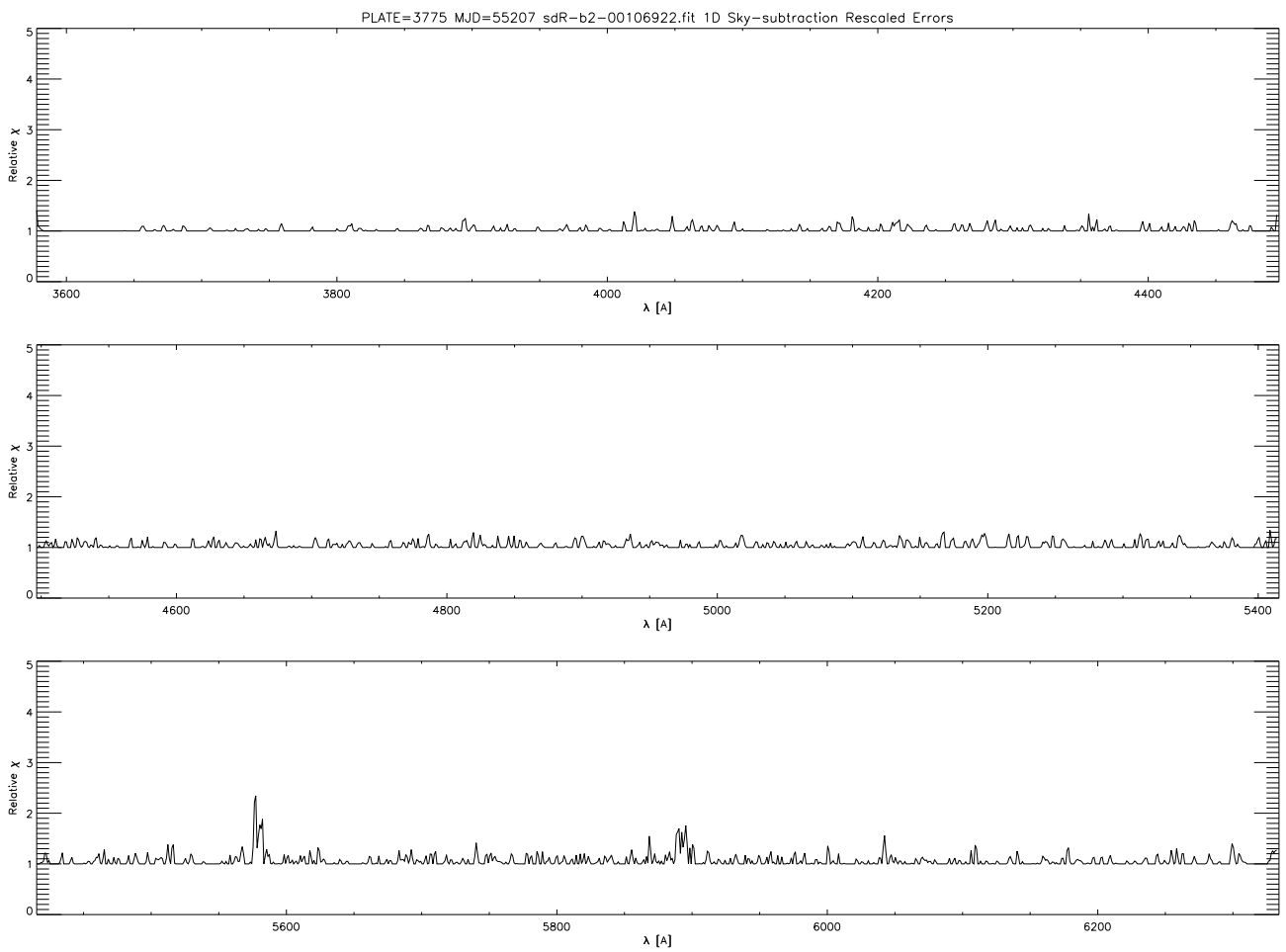

PLATE=3775 MJD=55207 Smooth superflat for sdR-b2-00106922.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

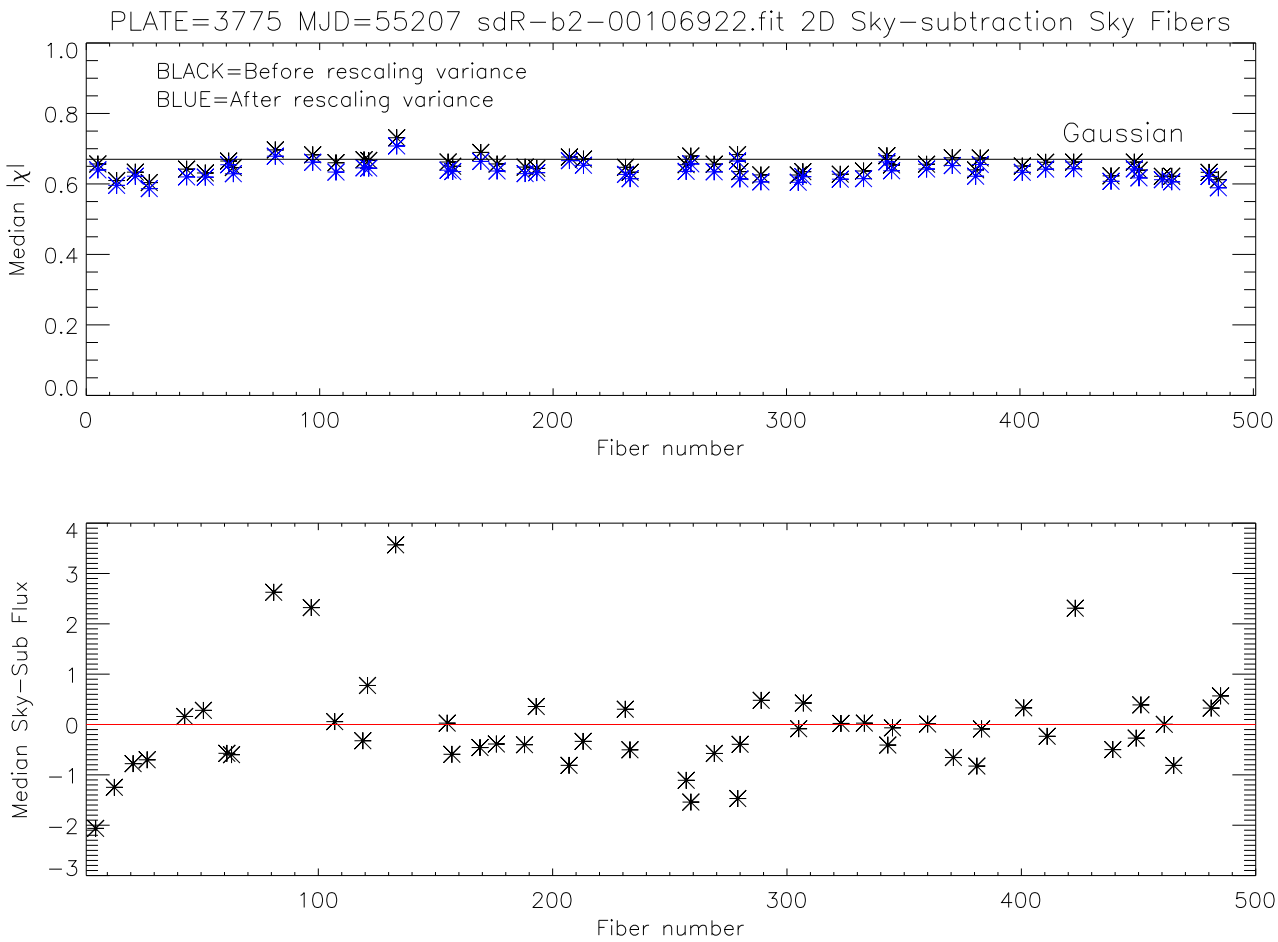

PLATE=3775 MJD=55207 sdR-b2-00106922.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

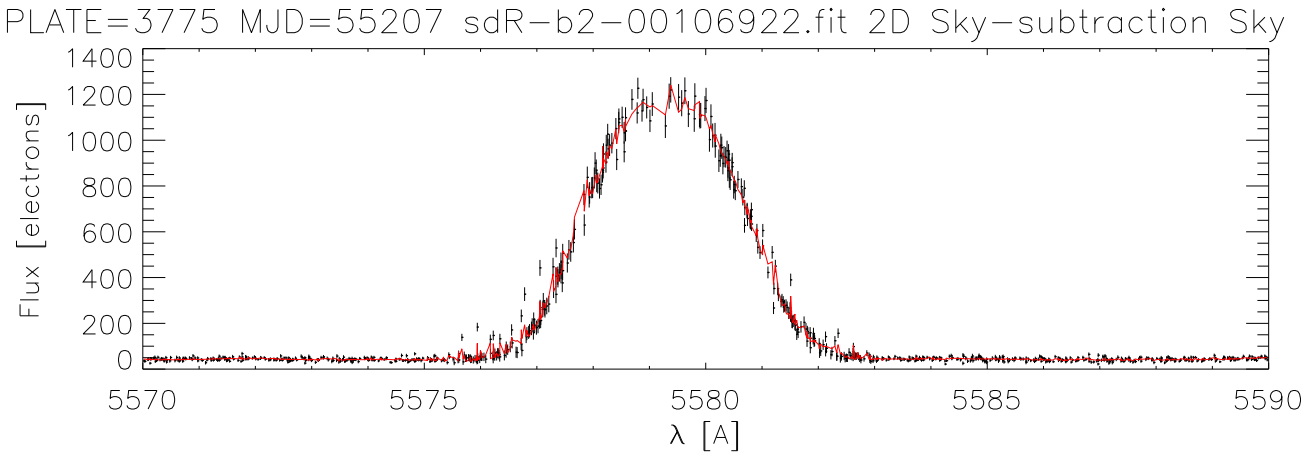

PLATE=3775 MJD=55207 sdR-b2-00106922.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1400
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

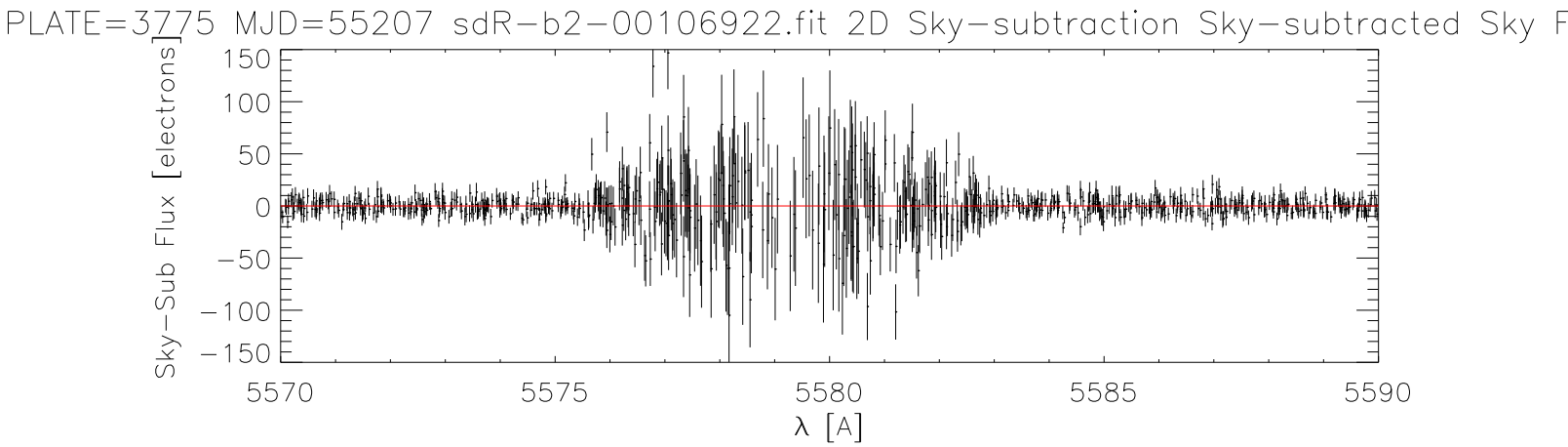

PLATE=3775 MJD=55207 sdR-b2-00106922.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
300
200
100
0
-100
-200
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 50

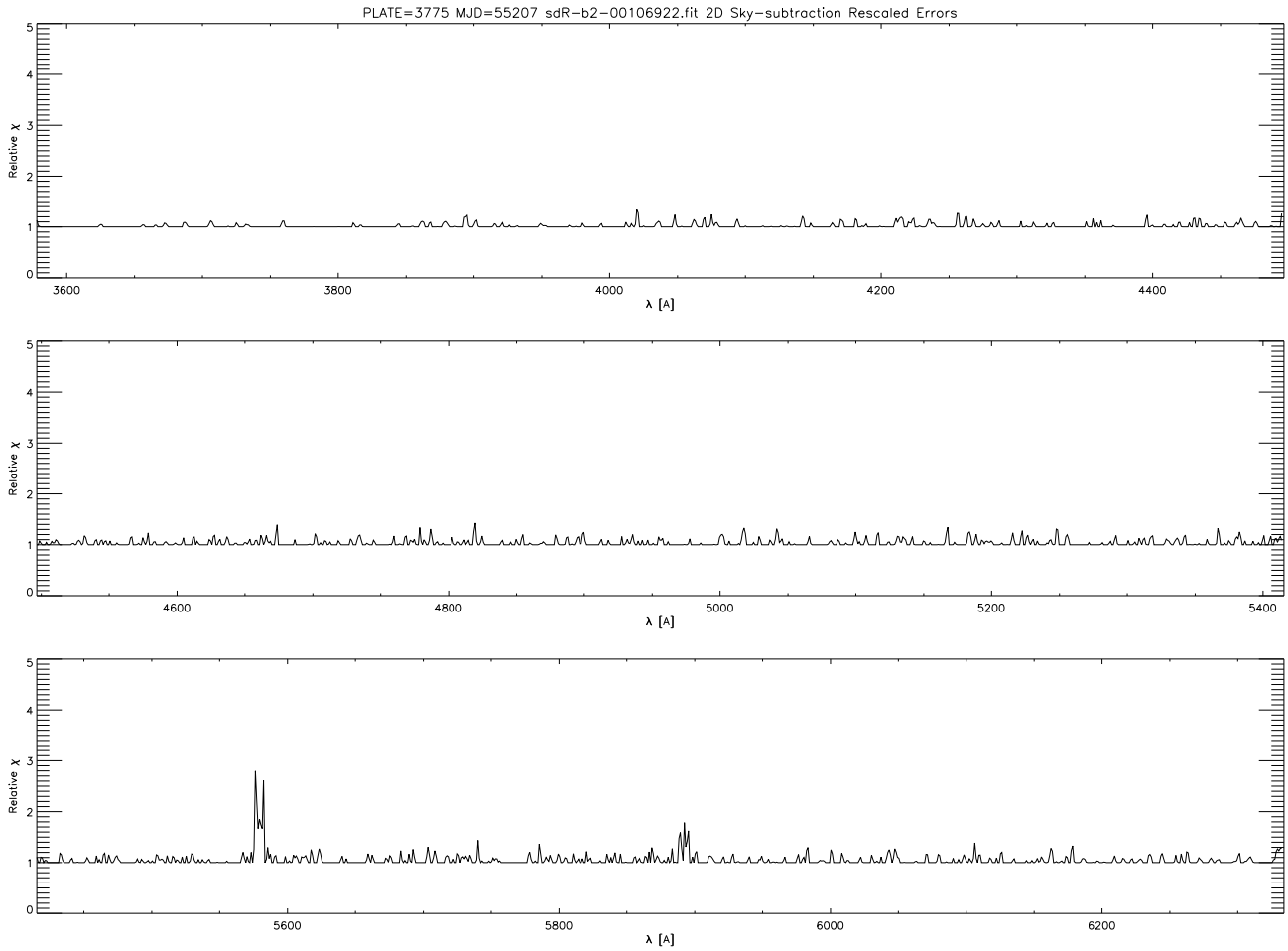


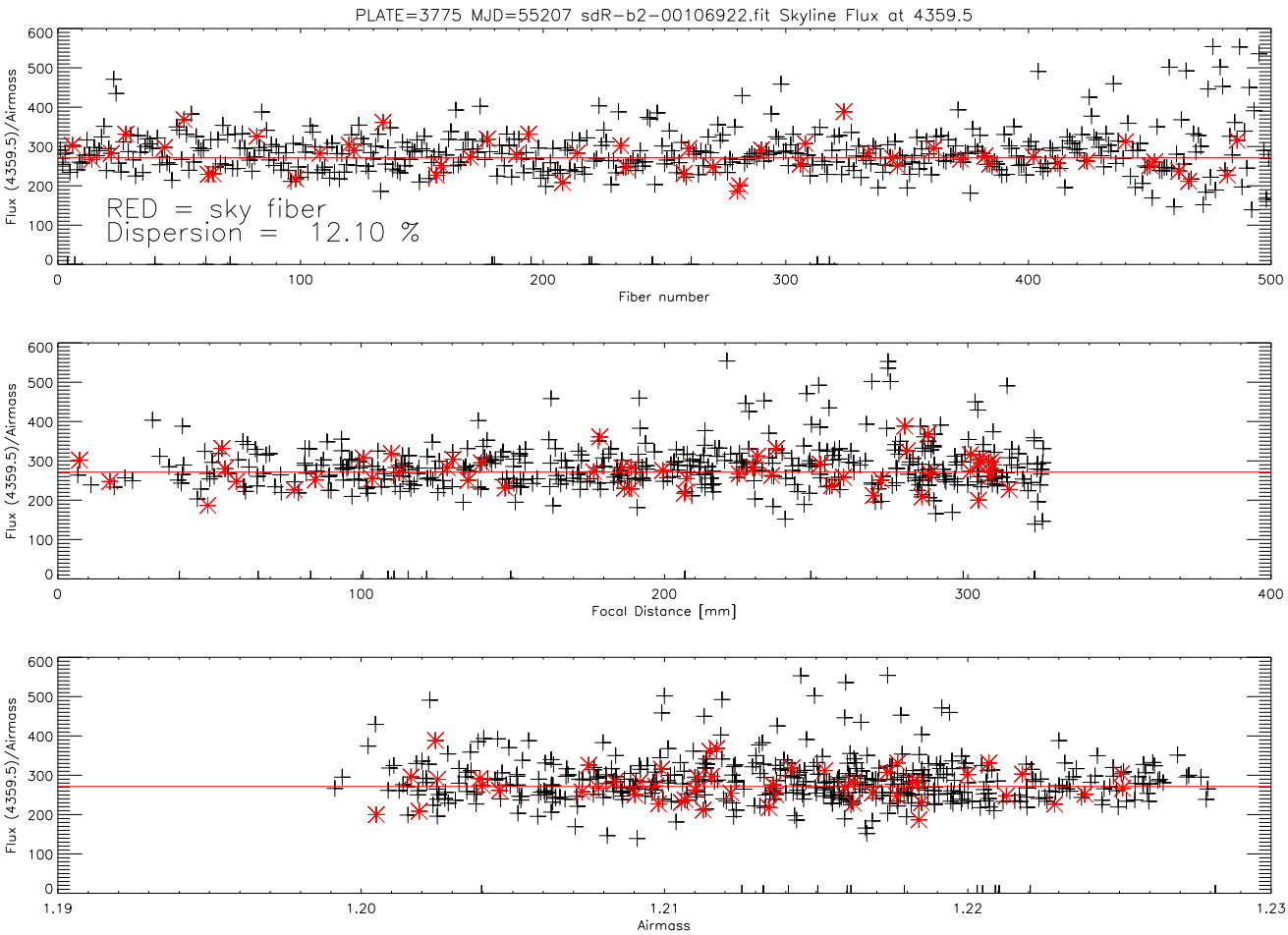

PLATE=3775 MJD=55207 sdR-b2-00106922.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

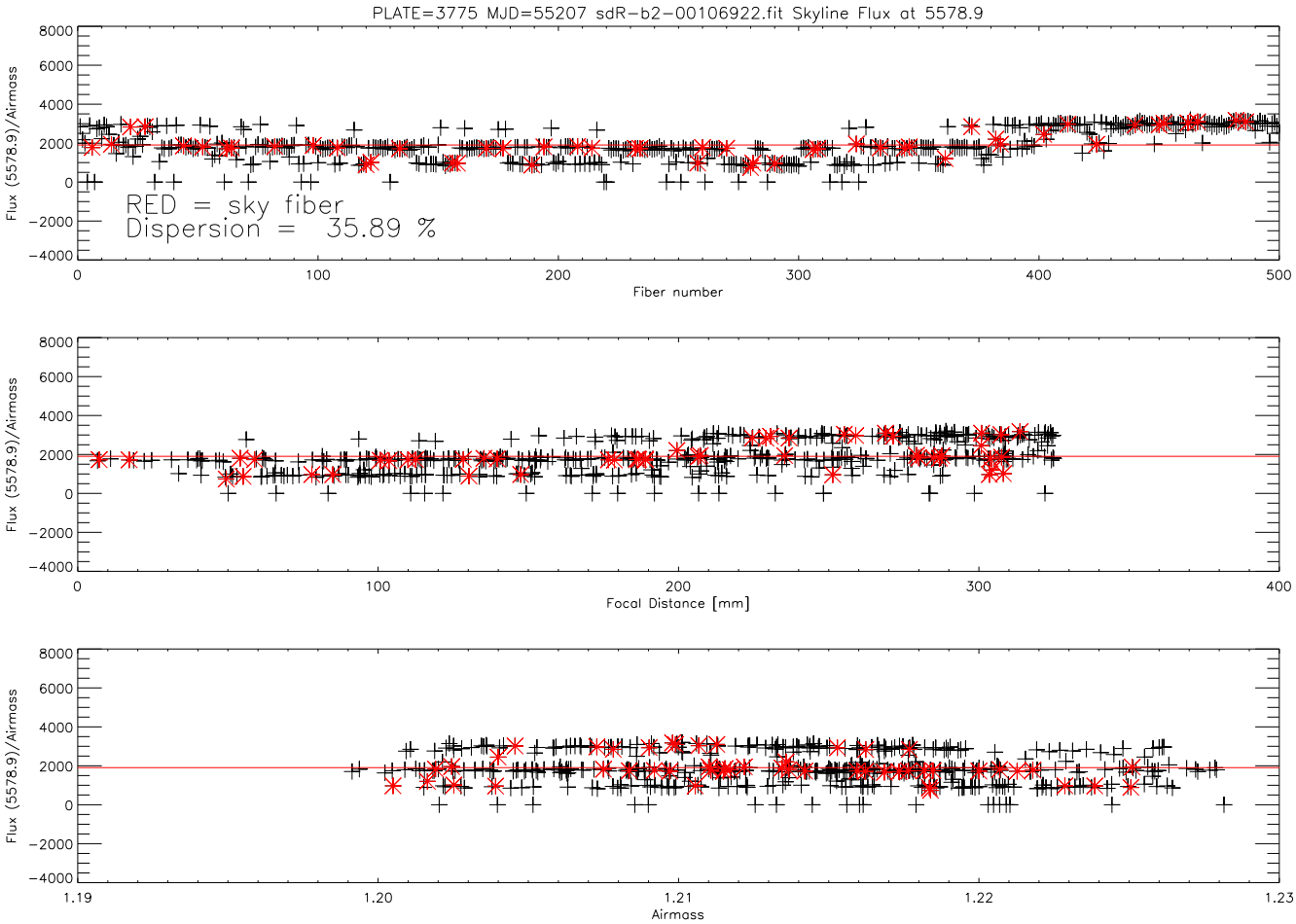

PLATE=3775 MJD=55207 sdR-b2-00106922.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1400
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

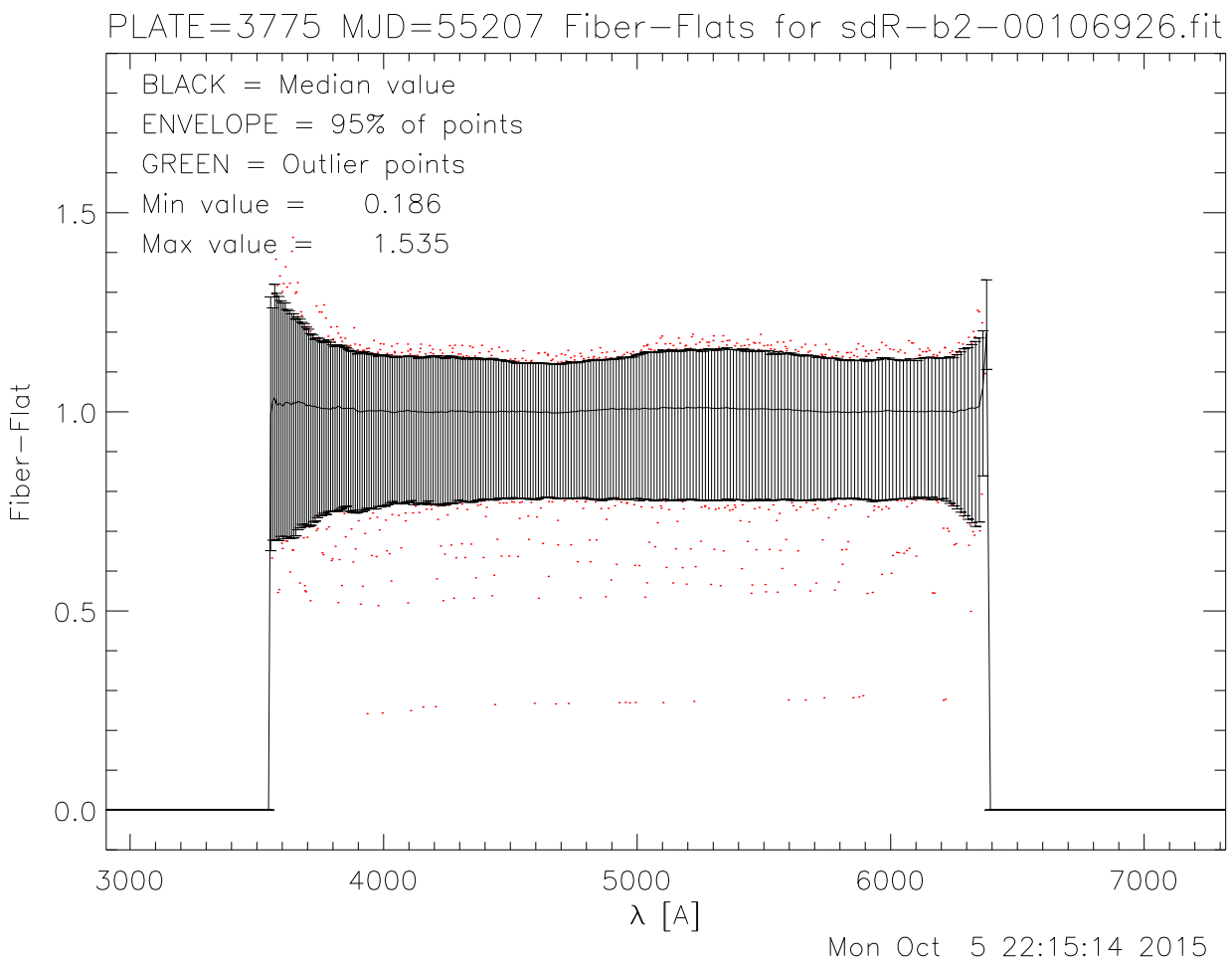

PLATE=3775 MJD=55207 sdR-b2-00106922.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
150
100
50
0
-50
-100
-150
5570
5575
5580
5585
5590
λ [A]

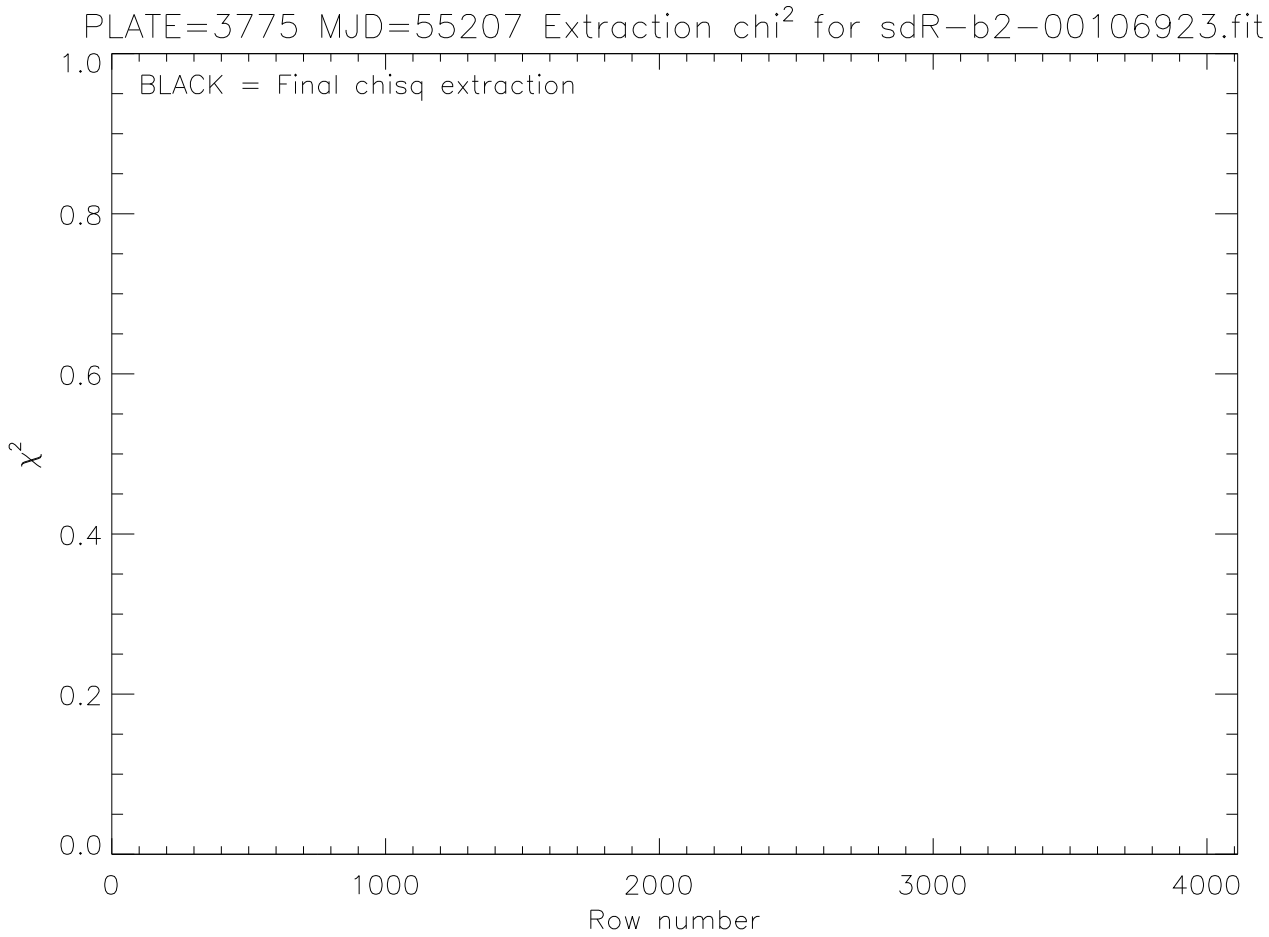
Number of sky fibers = 50

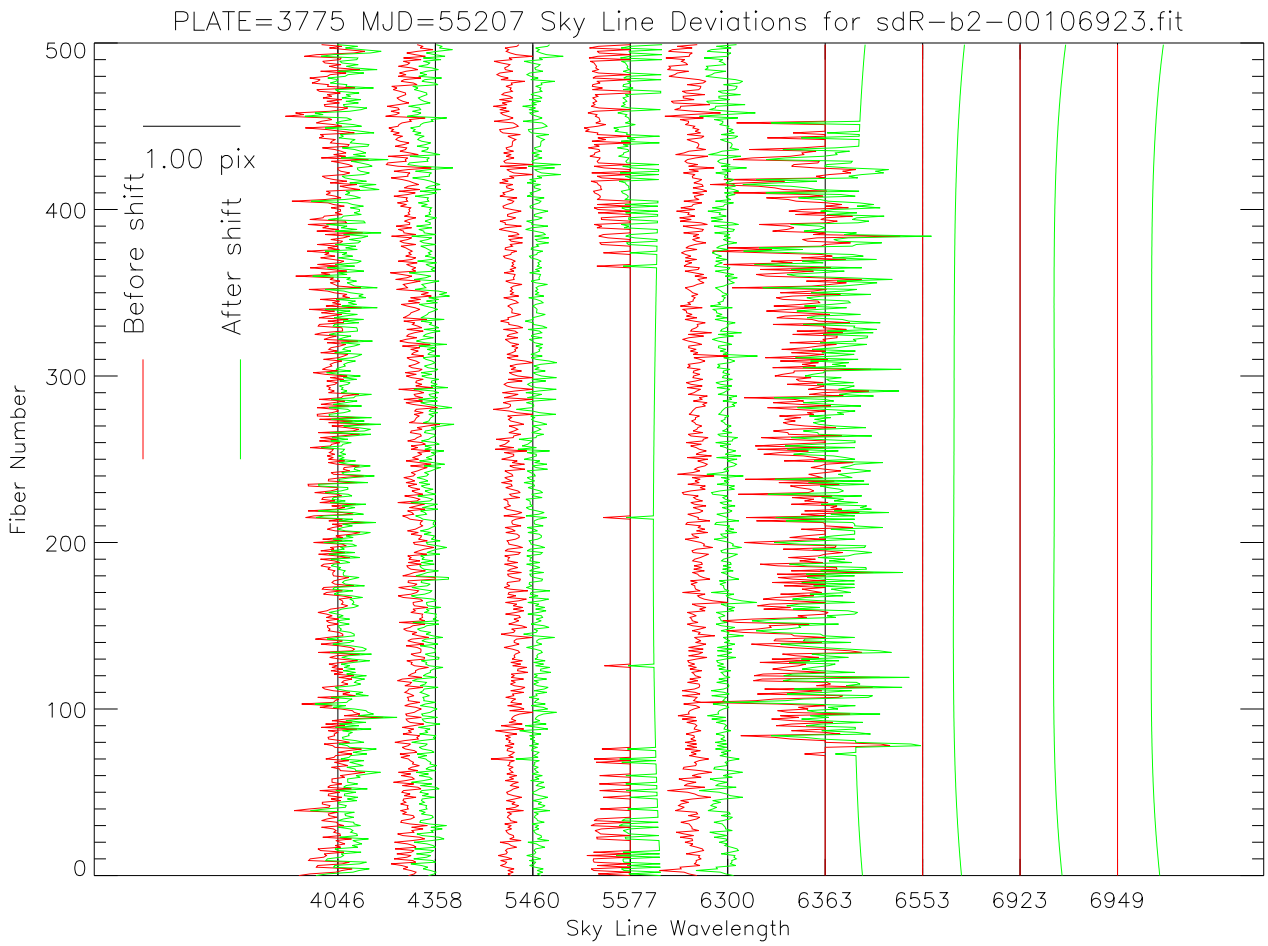


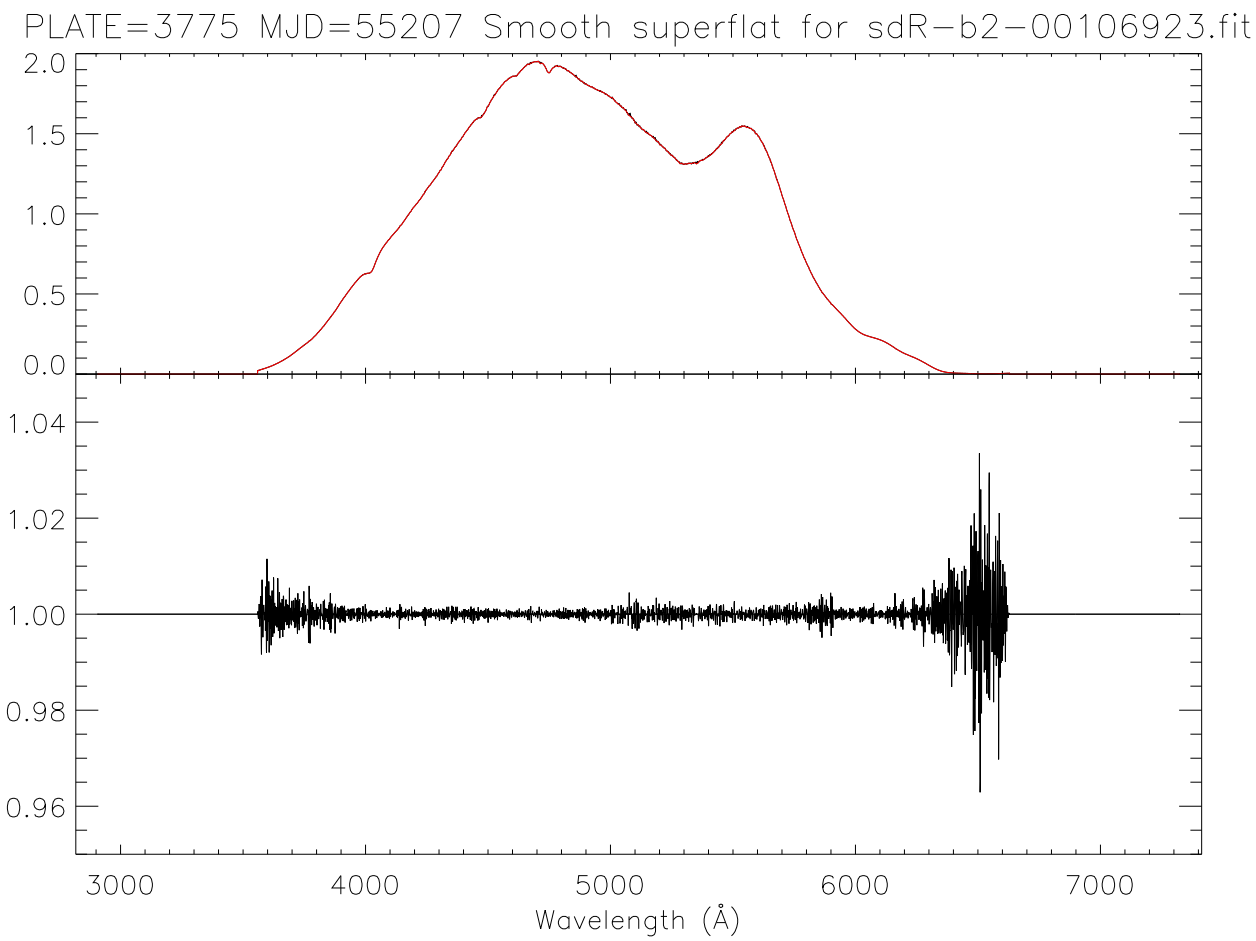

PLATE=3775 MJD=55207 sdR-b2-00106922.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
RED = sky fiber
Dispersion = 12.10 %
Fiber number
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

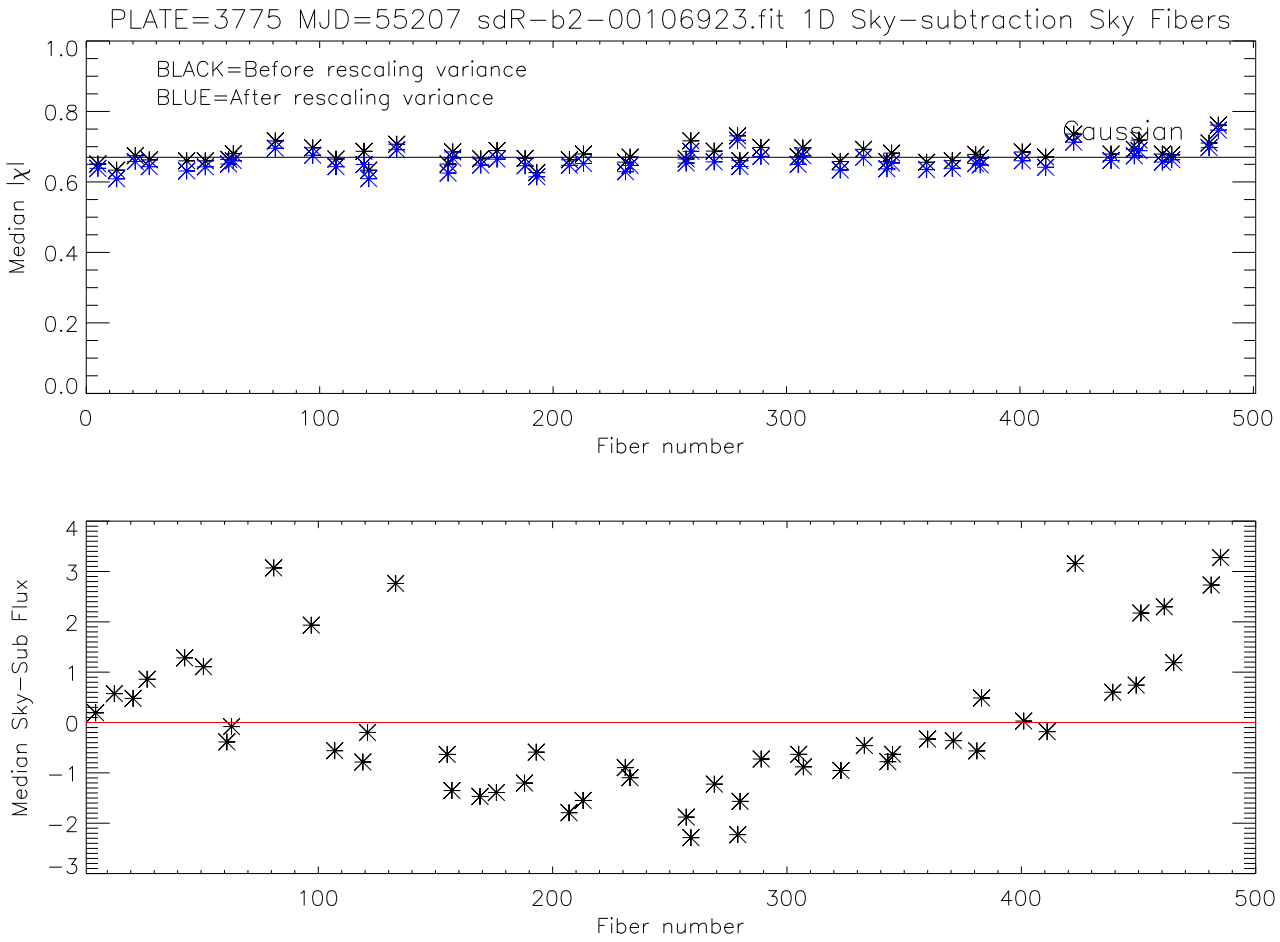

PLATE=3775 MJD=55207 sdR-b2-00106922.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
Fiber number
RED = sky fiber
Dispersion = 35.89 %
Flux (5578.9)/Airmass
Focal Distance [mm]
Flux (5578.9)/Airmass
Airmass

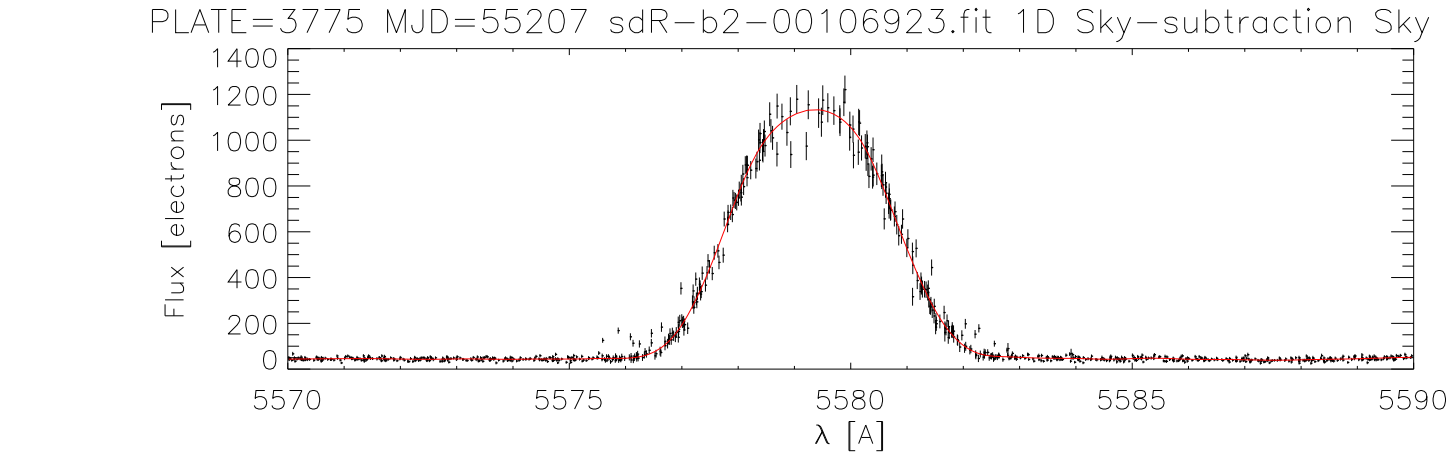

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b2-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = 0.186
Max value = 1.535
Fiber-Flat
1.5
1.0
0.5
0.0
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 22:15:14 2015

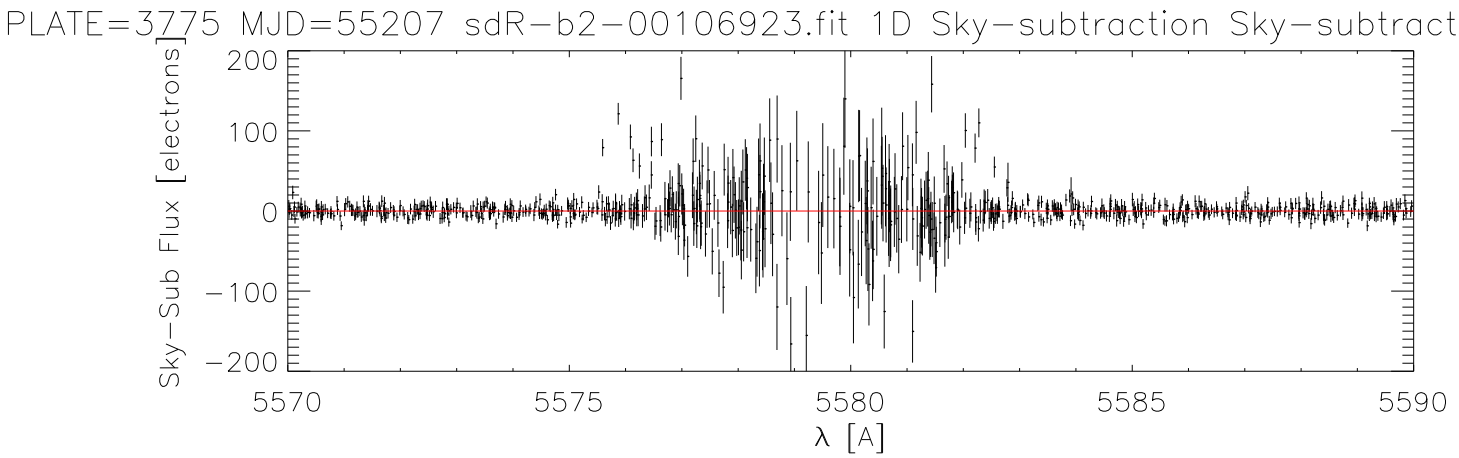

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b2-00106923.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b2-00106923.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

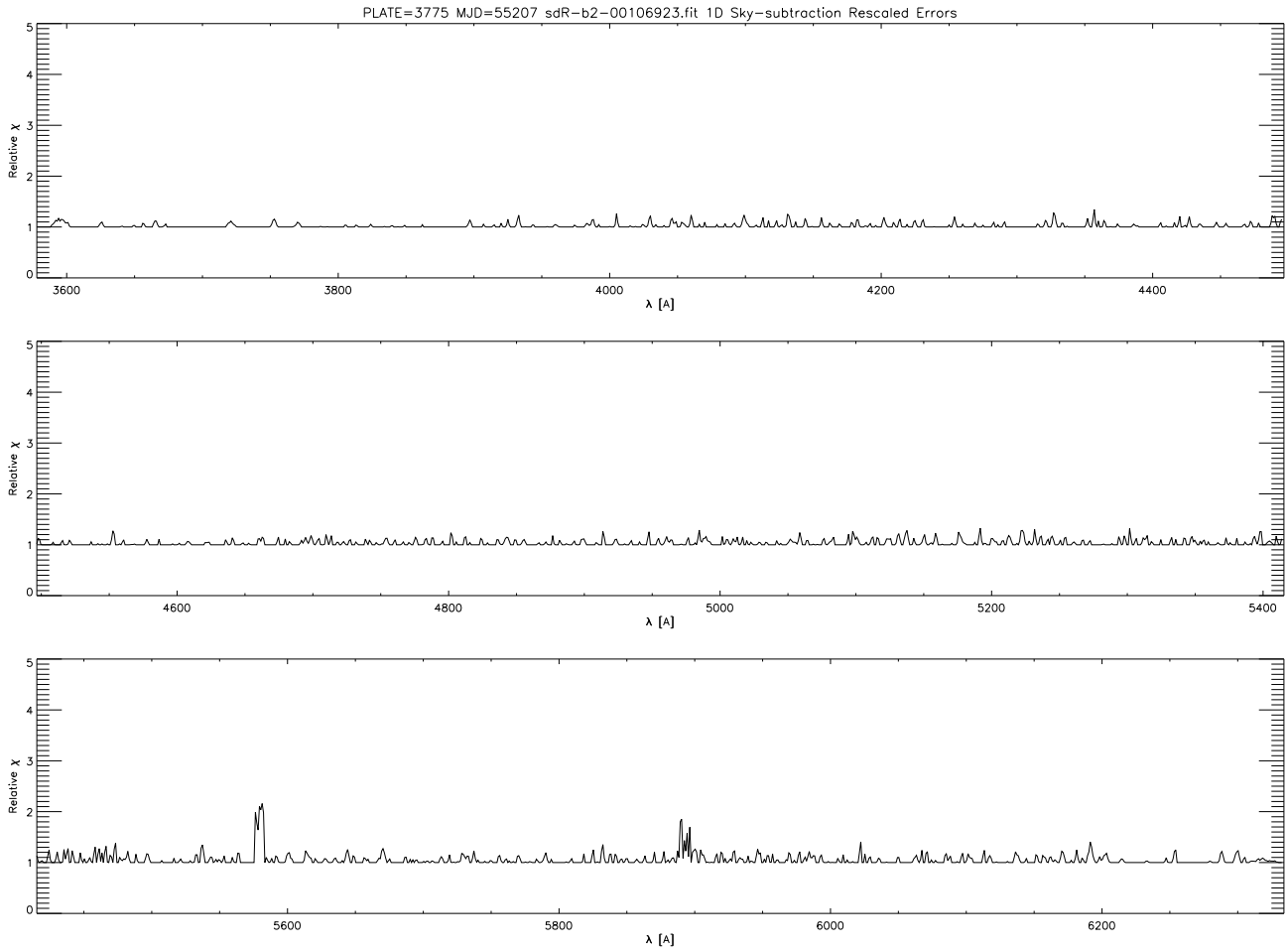

PLATE=3775 MJD=55207 Smooth superflat for sdR-b2-00106923.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

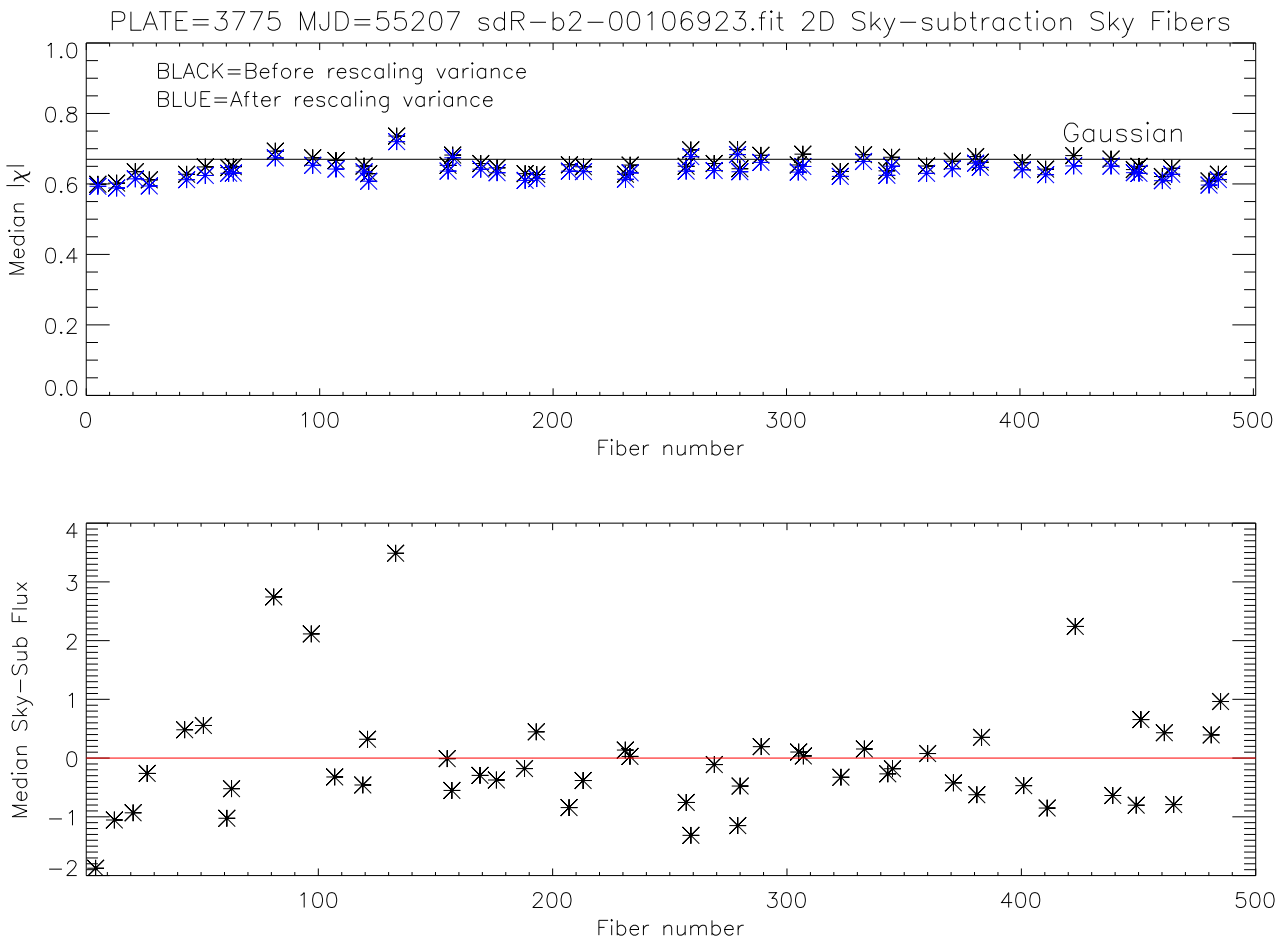

PLATE=3775 MJD=55207 sdR-b2-00106923.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

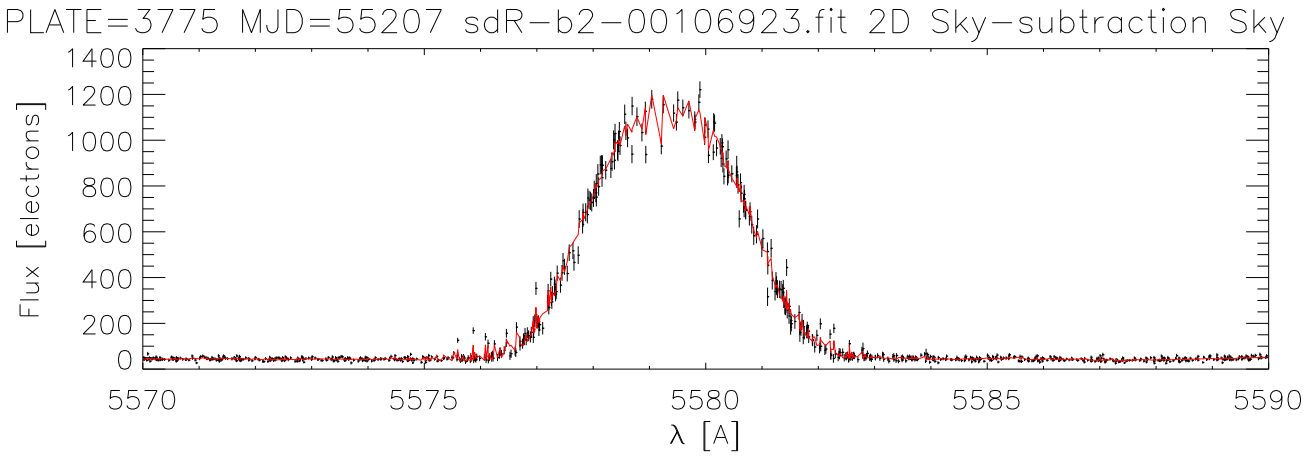

PLATE=3775 MJD=55207 sdR-b2-00106923.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1400
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

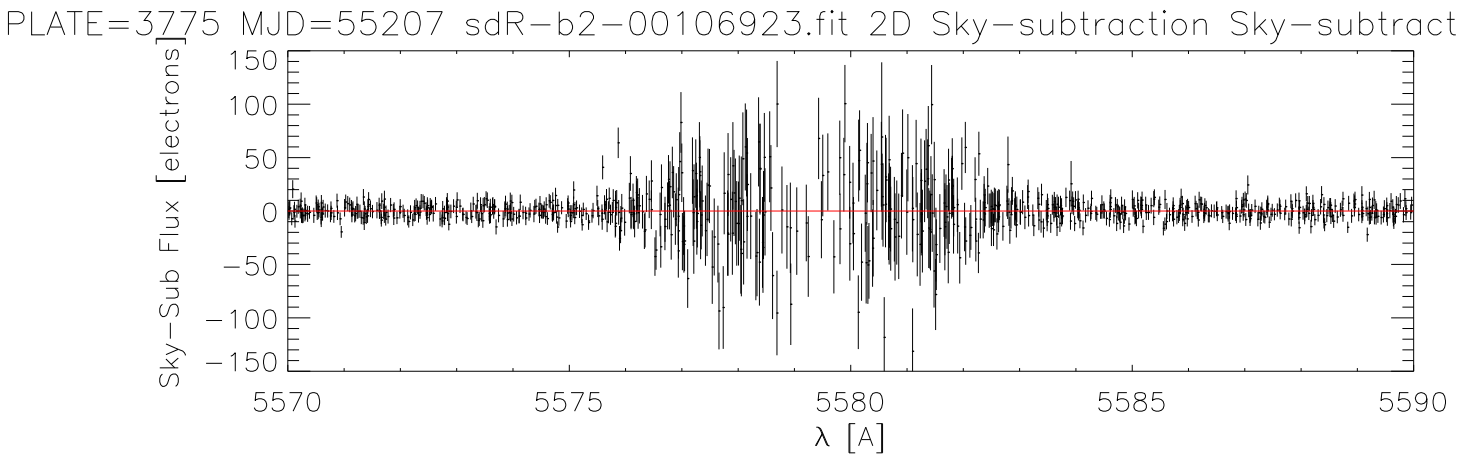

PLATE=3775 MJD=55207 sdR-b2-00106923.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
100
0
-100
-200
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 50

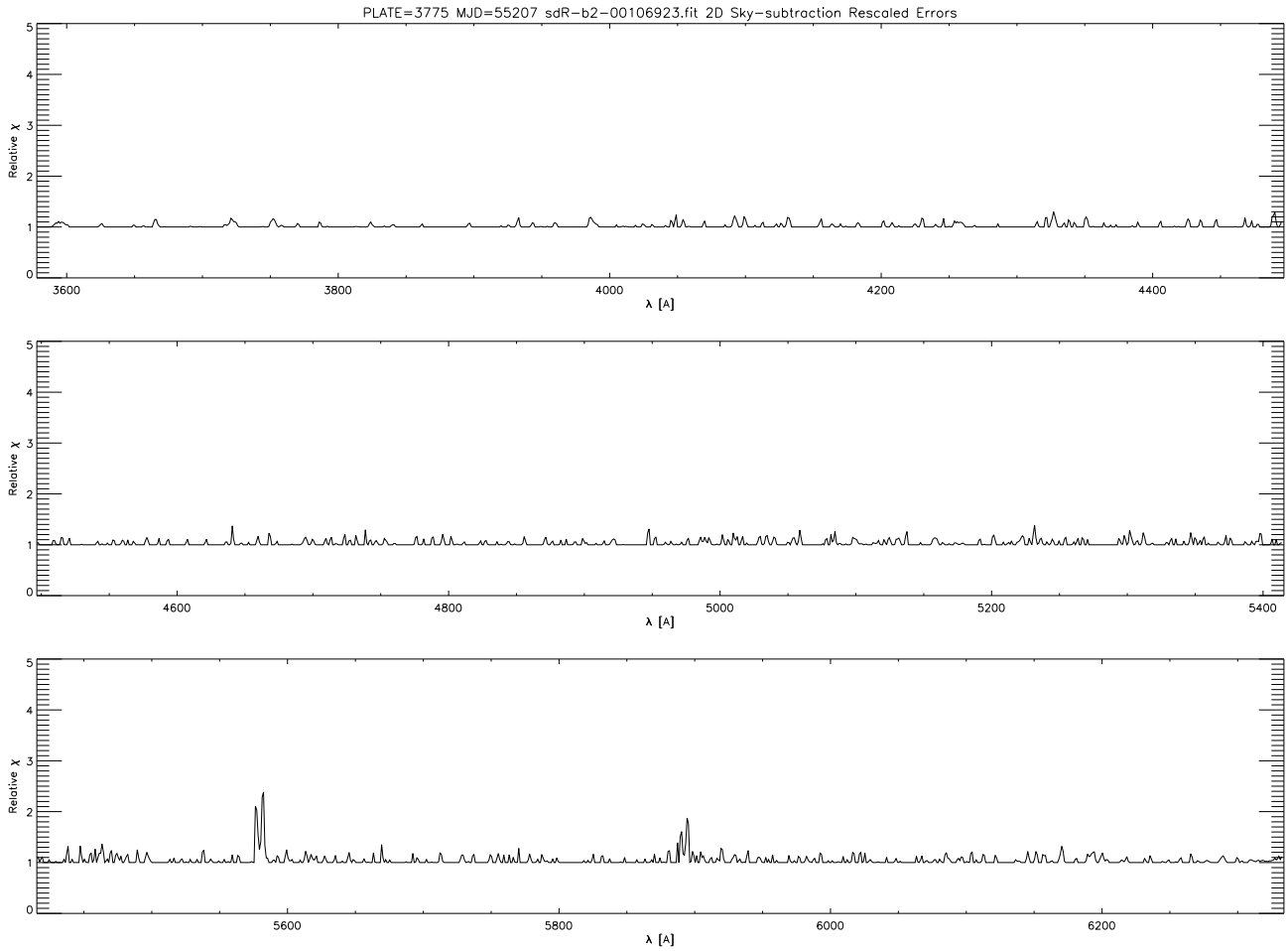


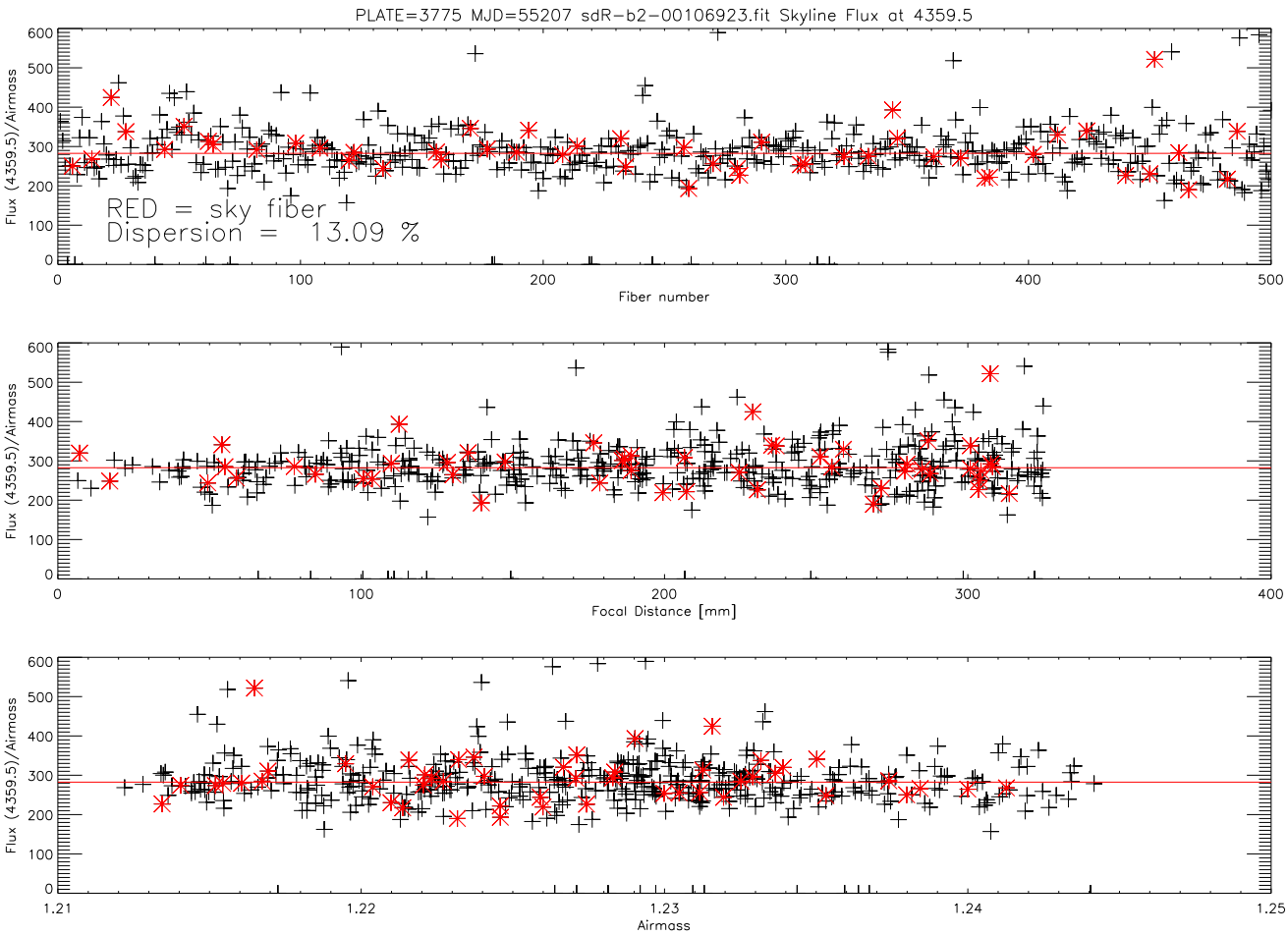

PLATE=3775 MJD=55207 sdR-b2-00106923.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

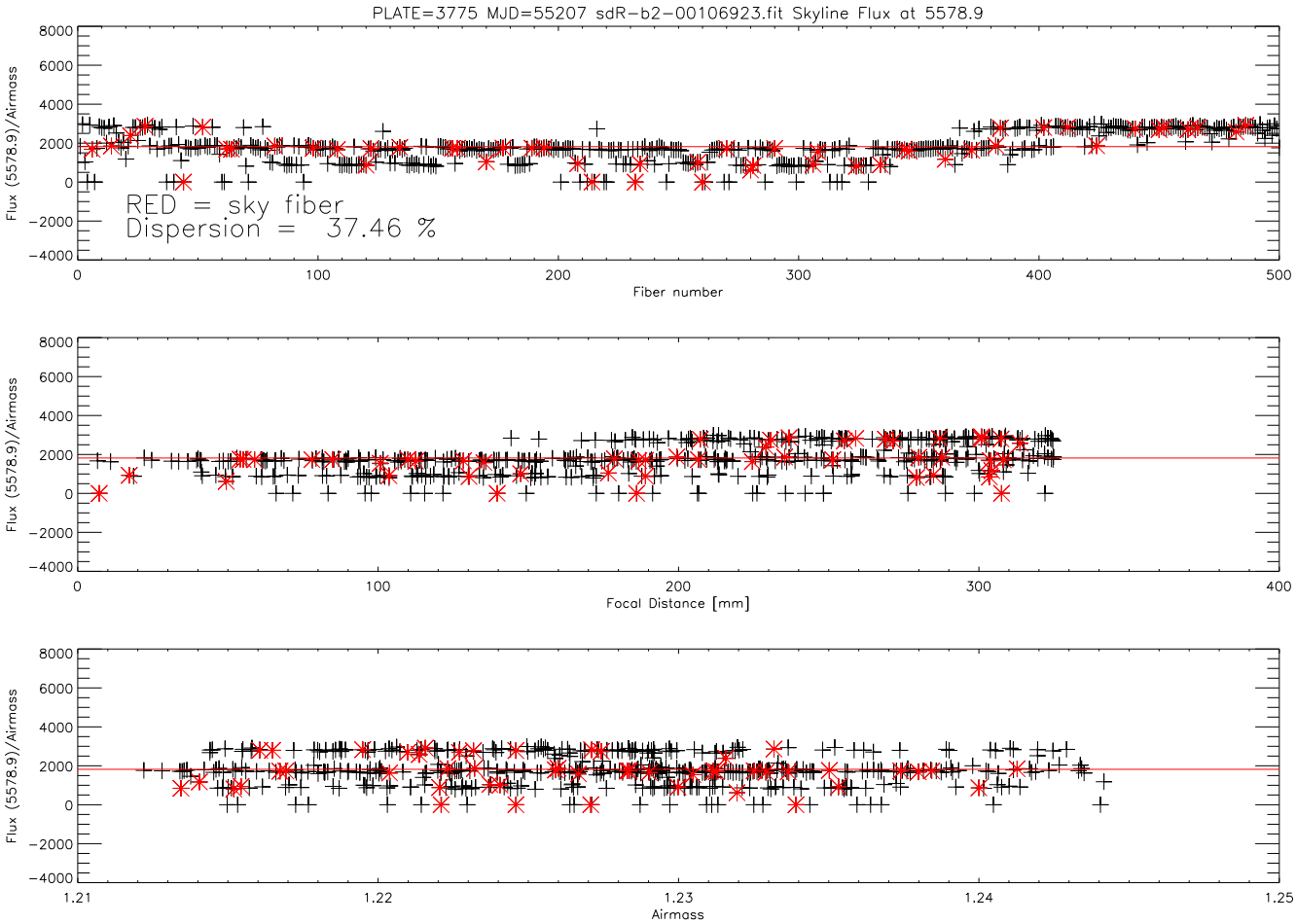

PLATE=3775 MJD=55207 sdR-b2-00106923.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1400
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

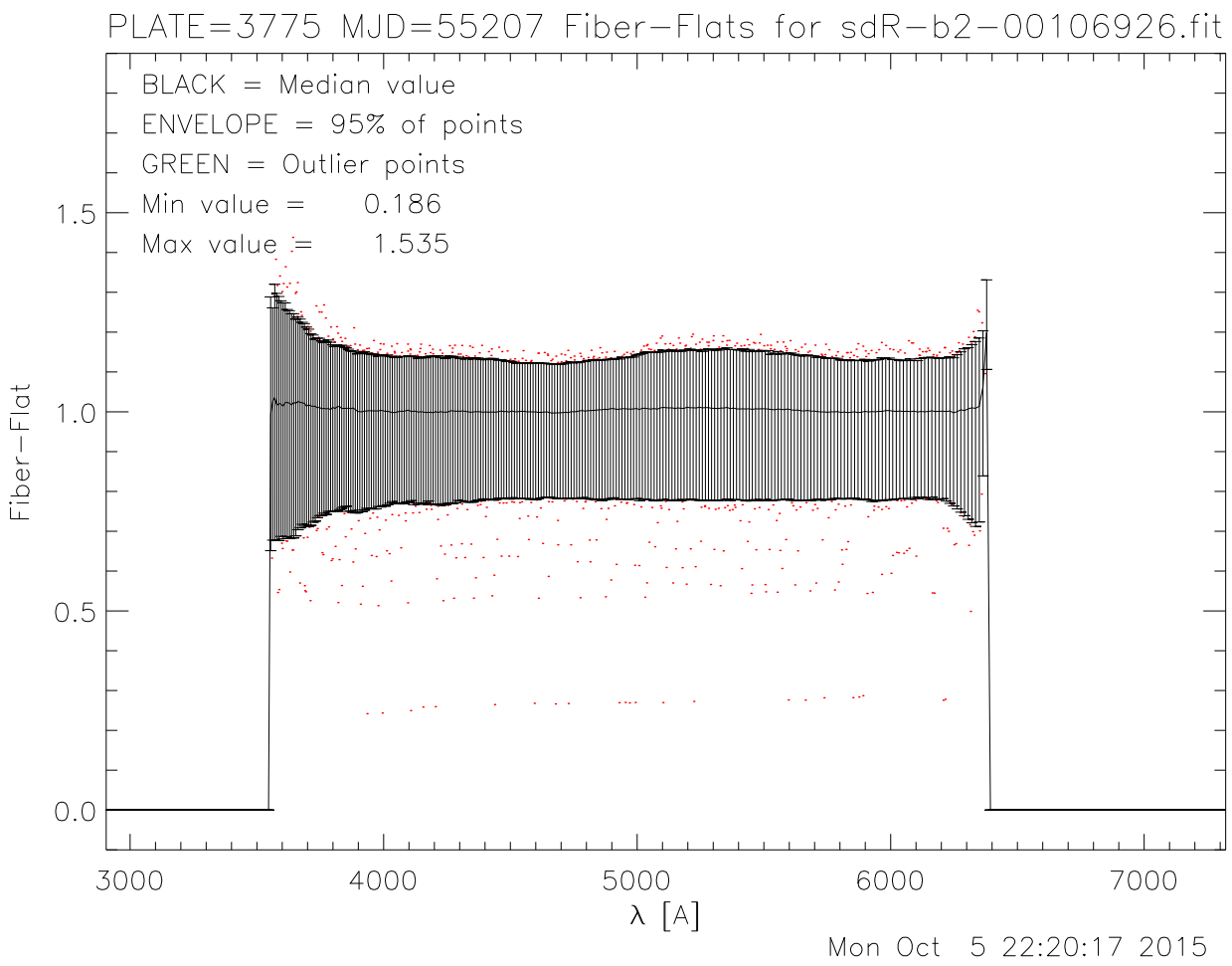

PLATE=3775 MJD=55207 sdR-b2-00106923.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
150
100
50
0
−50
−100
−150
5570
5575
5580
5585
5590
λ [A]

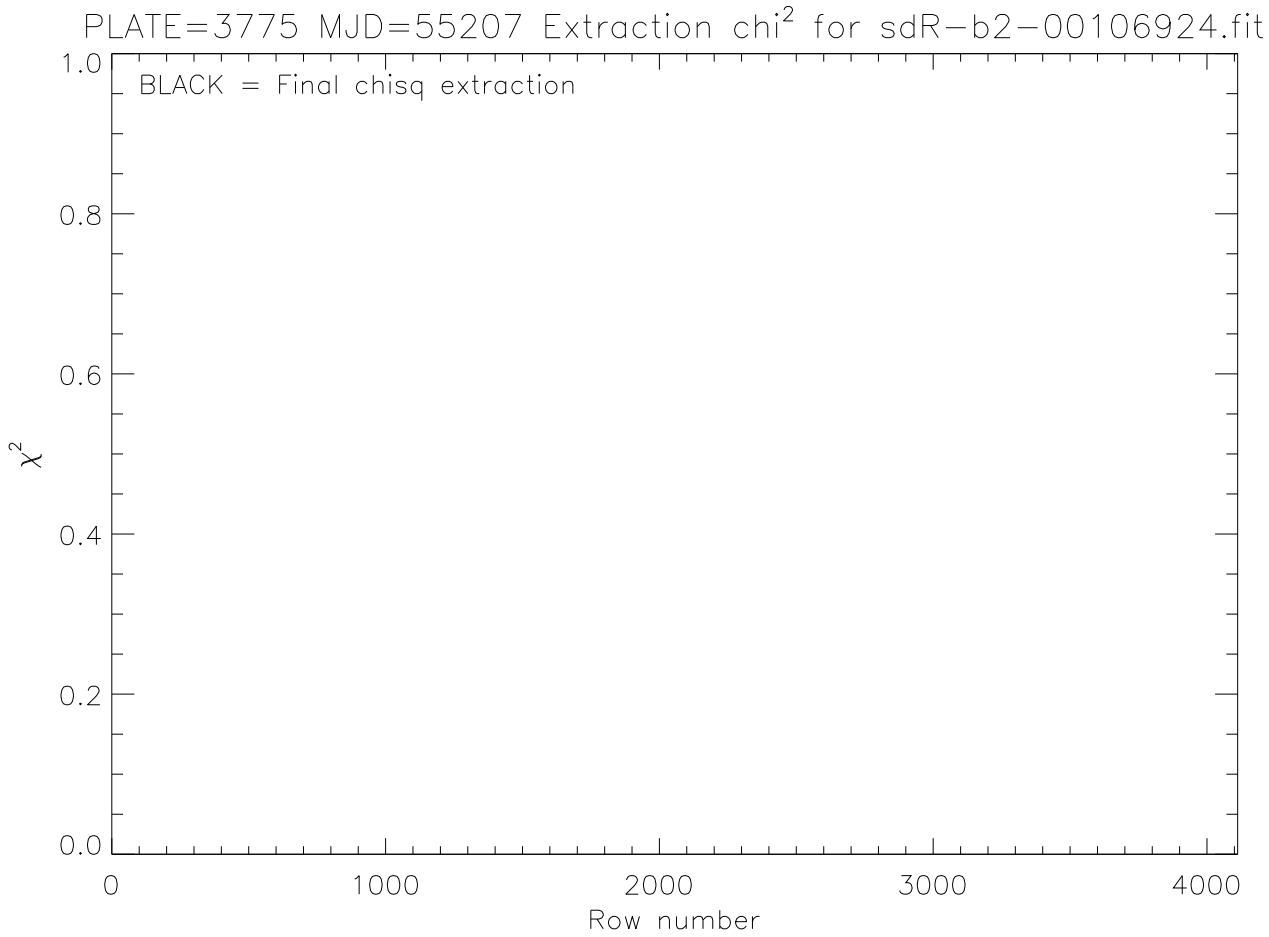
Number of sky fibers = 50

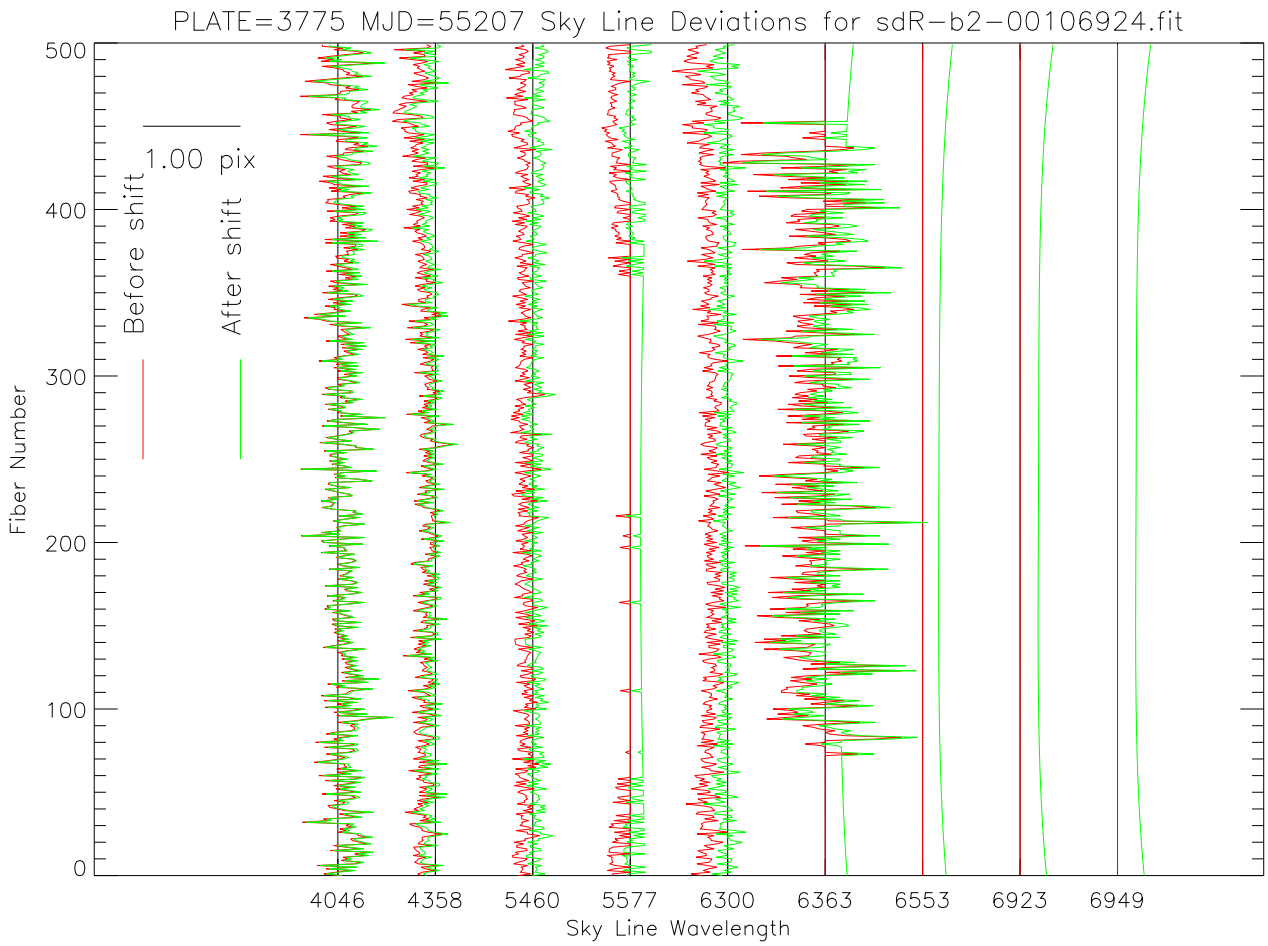


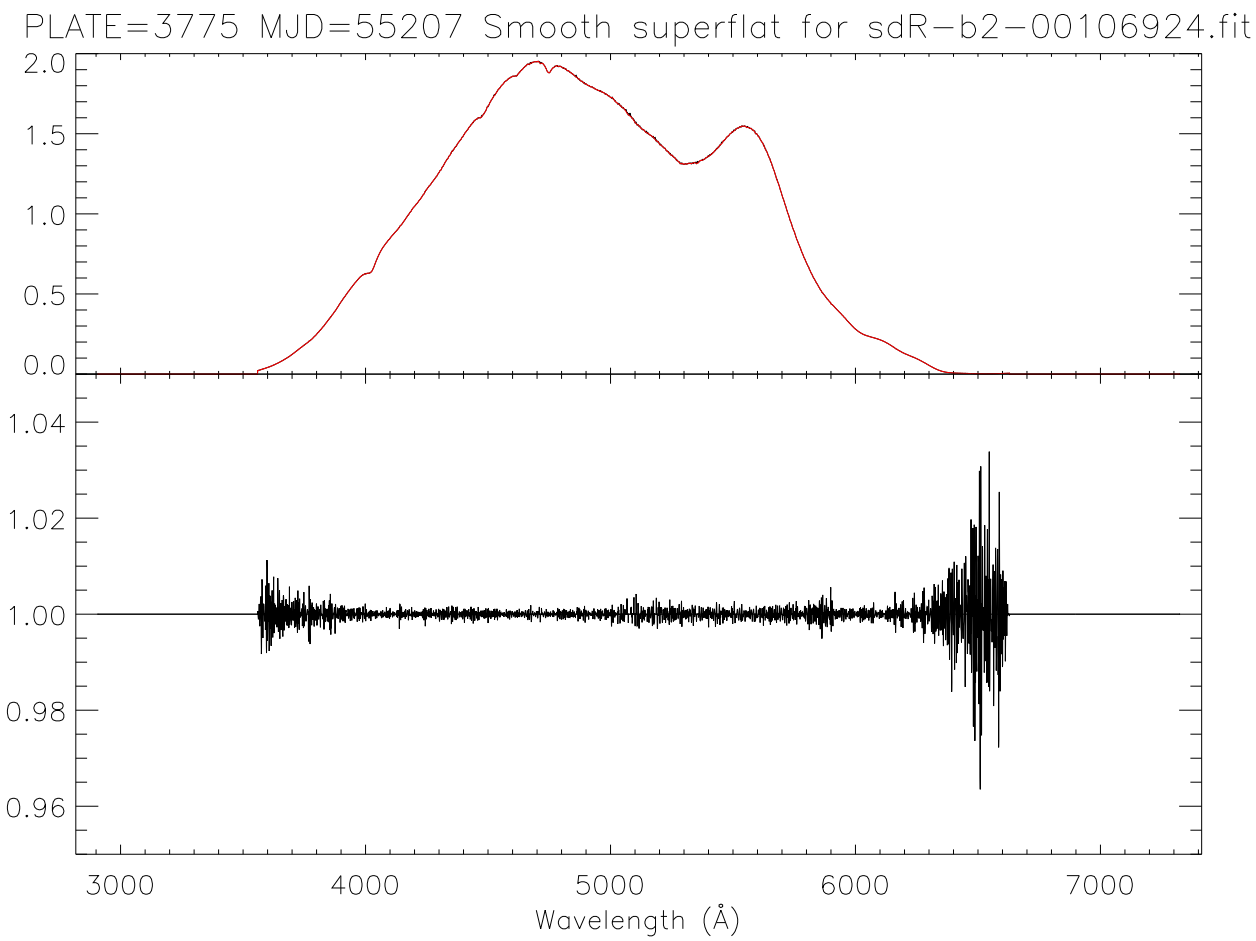

PLATE=3775 MJD=55207 sdR-b2-00106923.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
RED = sky fiber
Dispersion = 13.09 %
Fiber number
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

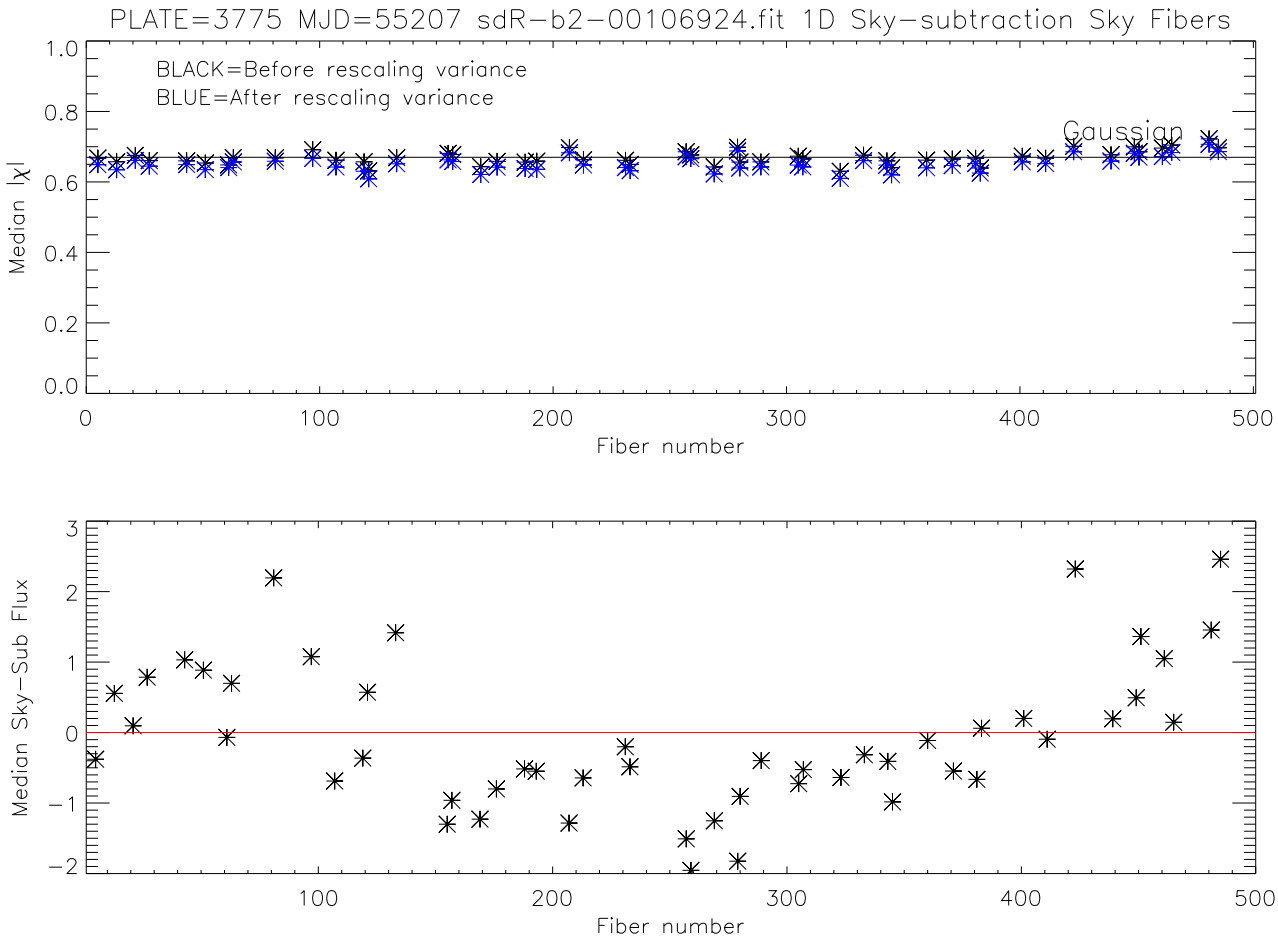

PLATE=3775 MJD=55207 sdR-b2-00106923.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
RED = sky fiber
Dispersion = 37.46 %
Fiber number
Flux (5578.9)/Airmass
Focal Distance [mm]
Flux (5578.9)/Airmass
Airmass

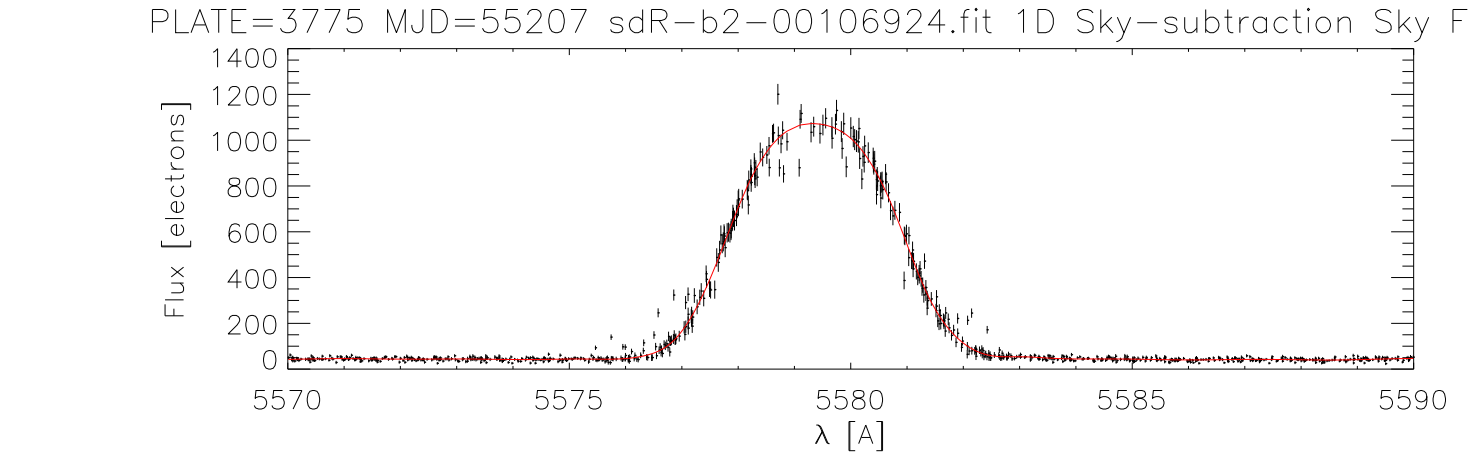

PLATE=3775 MJD=55207 Fiber-Flats for sdR-b2-00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = 0.186
Max value = 1.535
Fiber-Flat
1.5
1.0
0.5
0.0
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 22:20:17 2015

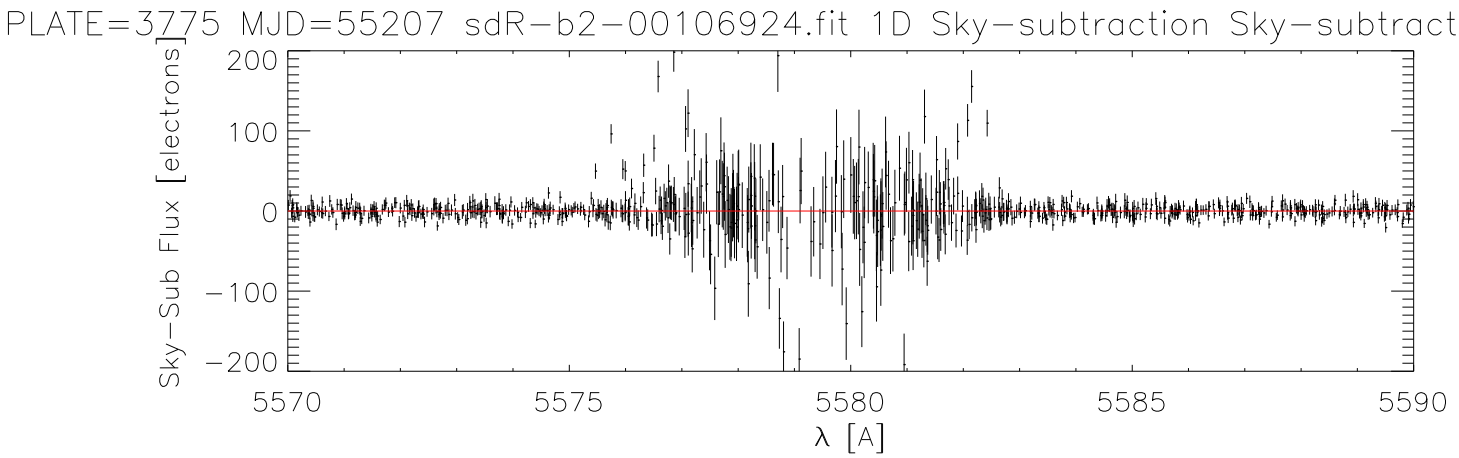

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b2-00106924.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b2-00106924.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

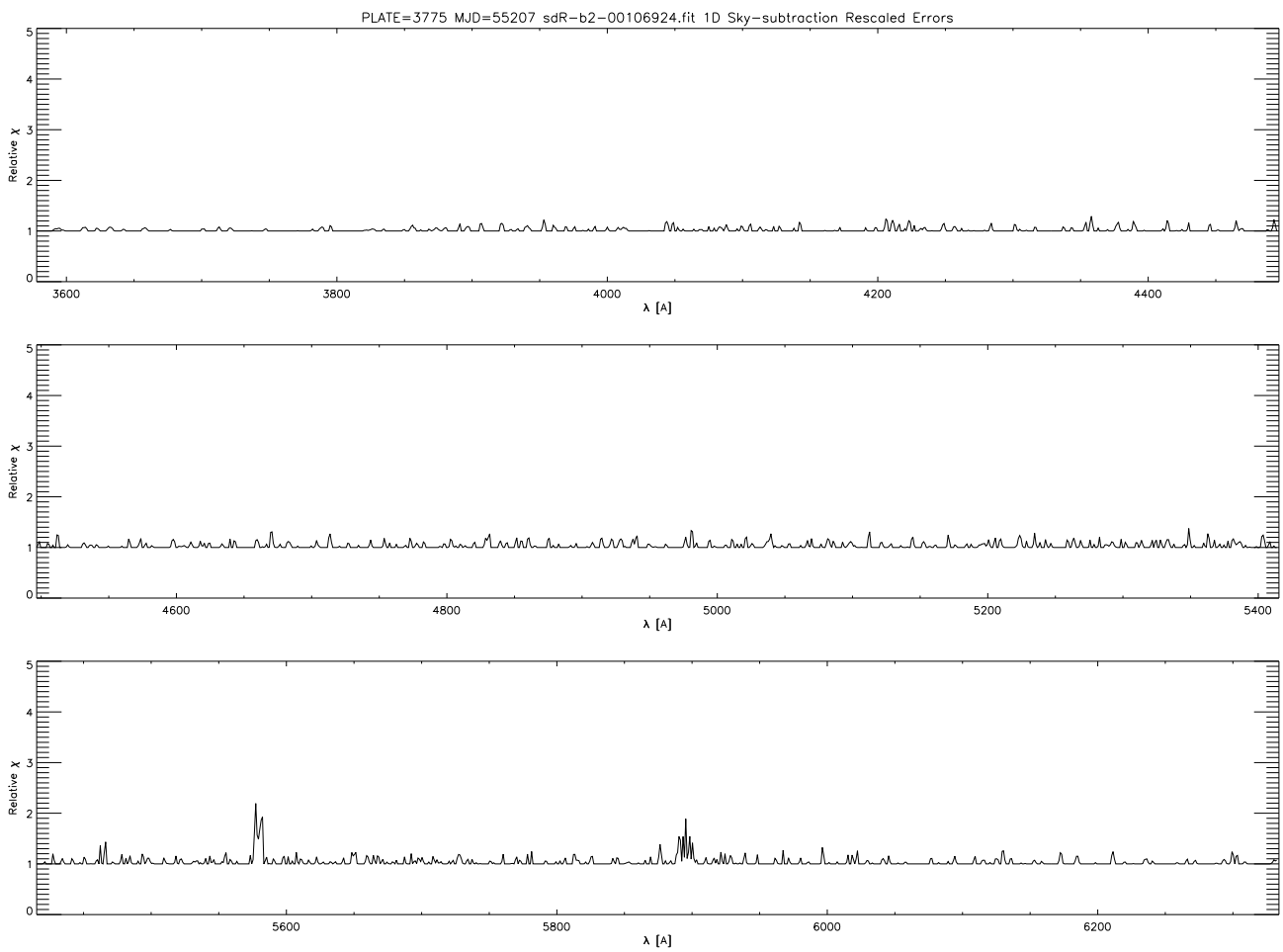

PLATE=3775 MJD=55207 Smooth superflat for sdR-b2-00106924.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

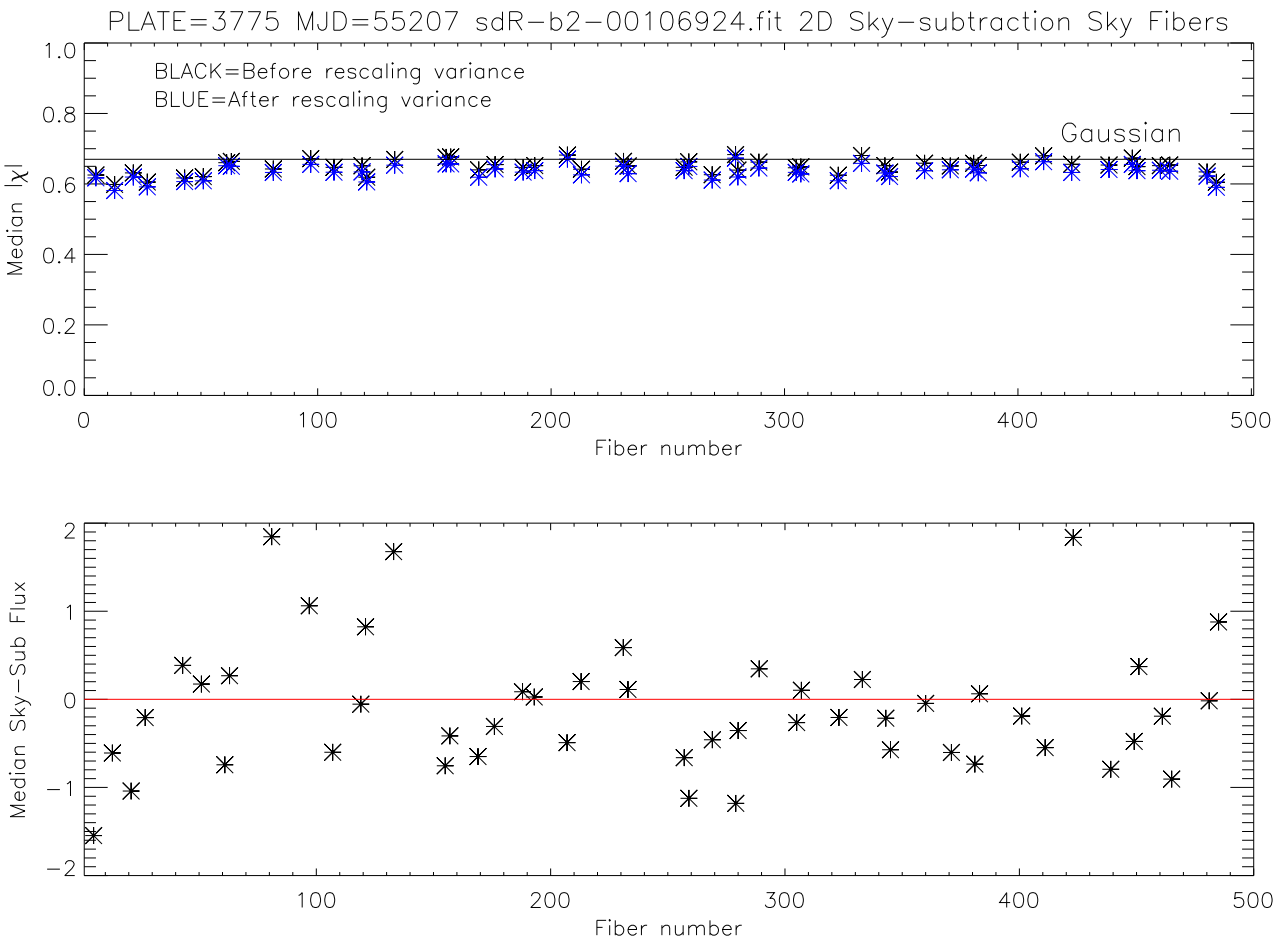

PLATE=3775 MJD=55207 sdR-b2-00106924.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

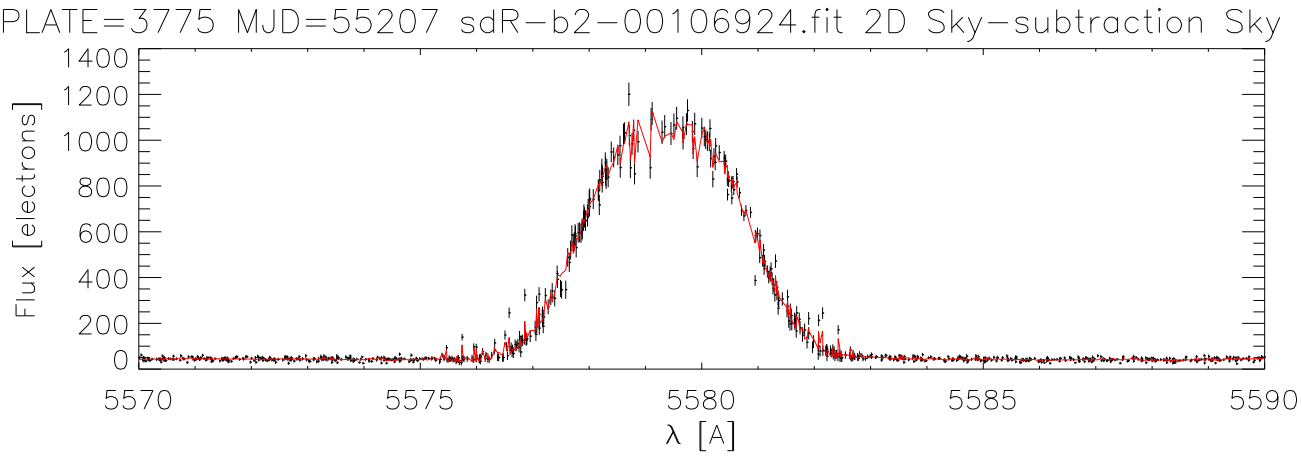

PLATE=3775 MJD=55207 sdR-b2-00106924.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1400
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

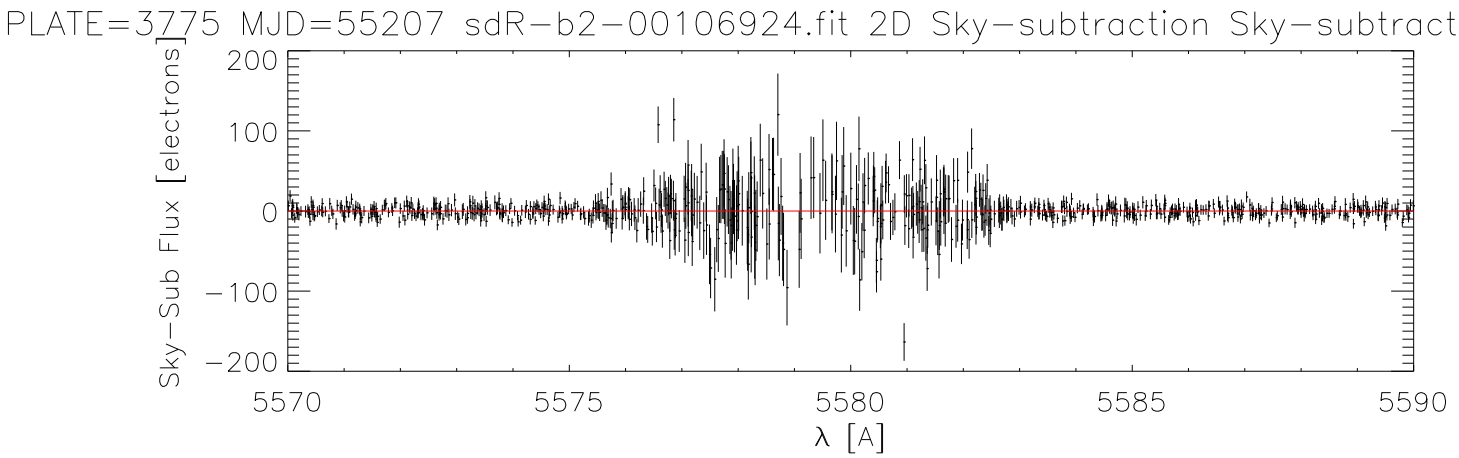

PLATE=3775 MJD=55207 sdR-b2-00106924.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
100
0
-100
-200
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 50

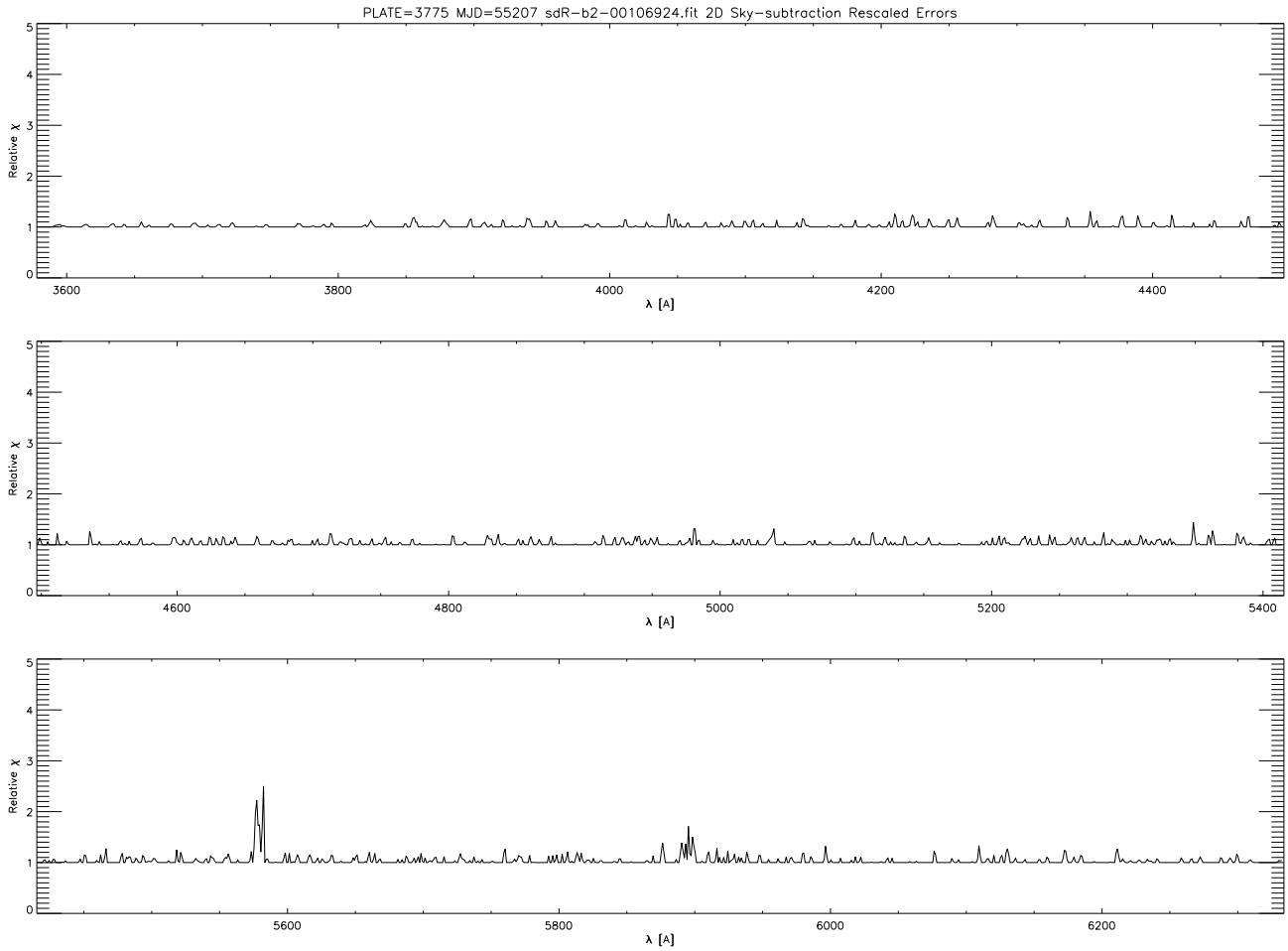


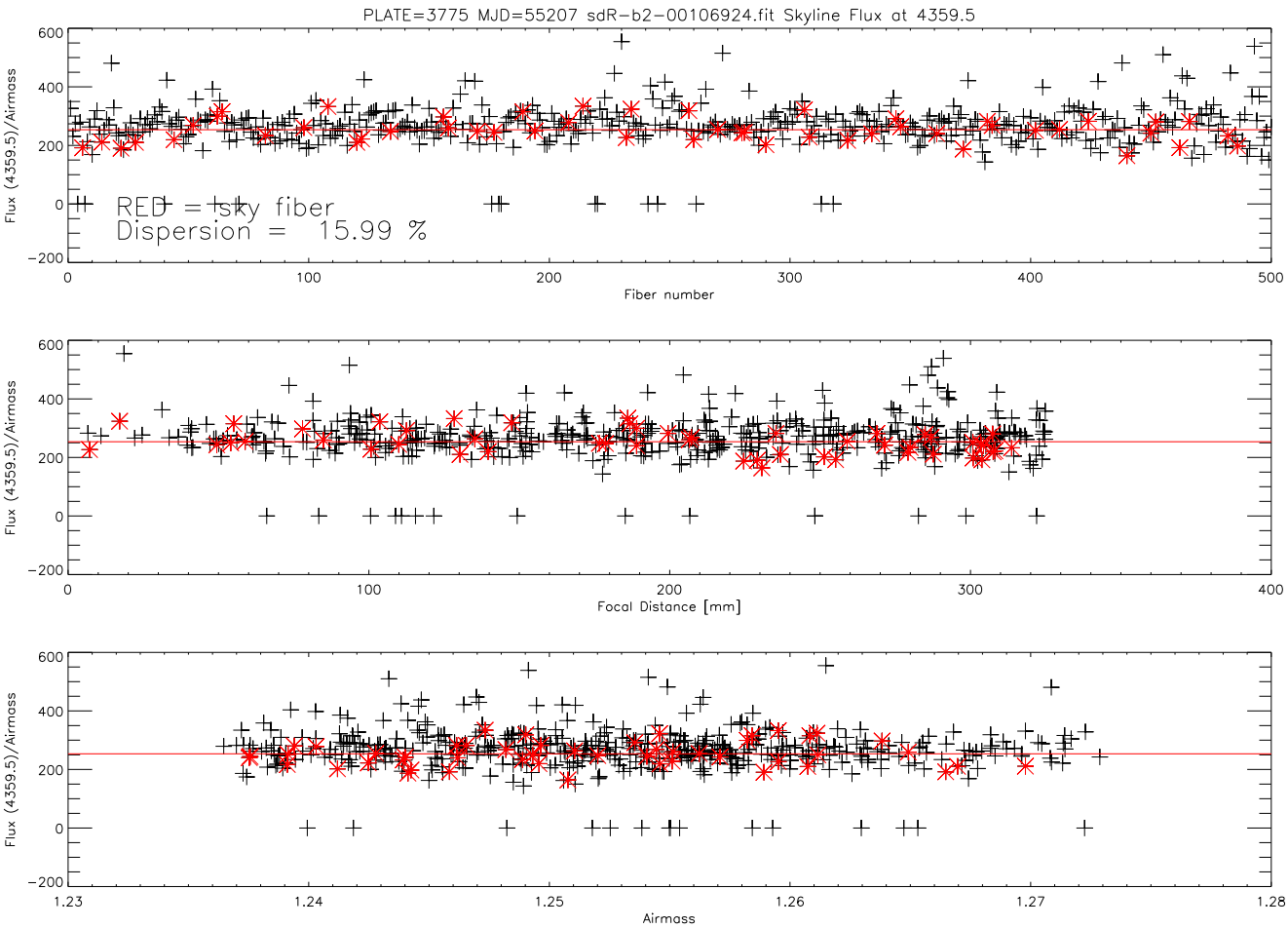

PLATE=3775 MJD=55207 sdR-b2-00106924.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

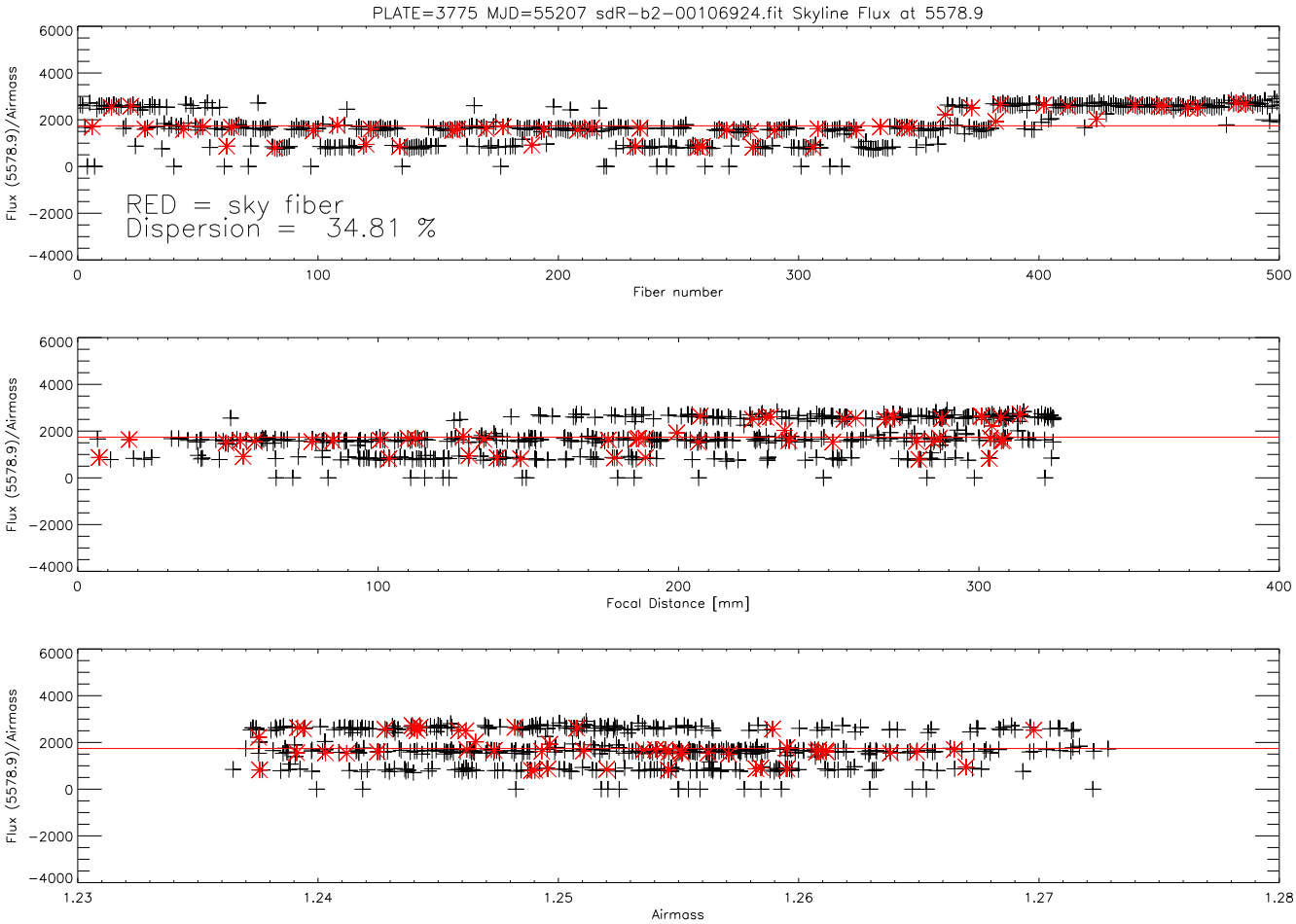

PLATE=3775 MJD=55207 sdR-b2-00106924.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1400
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

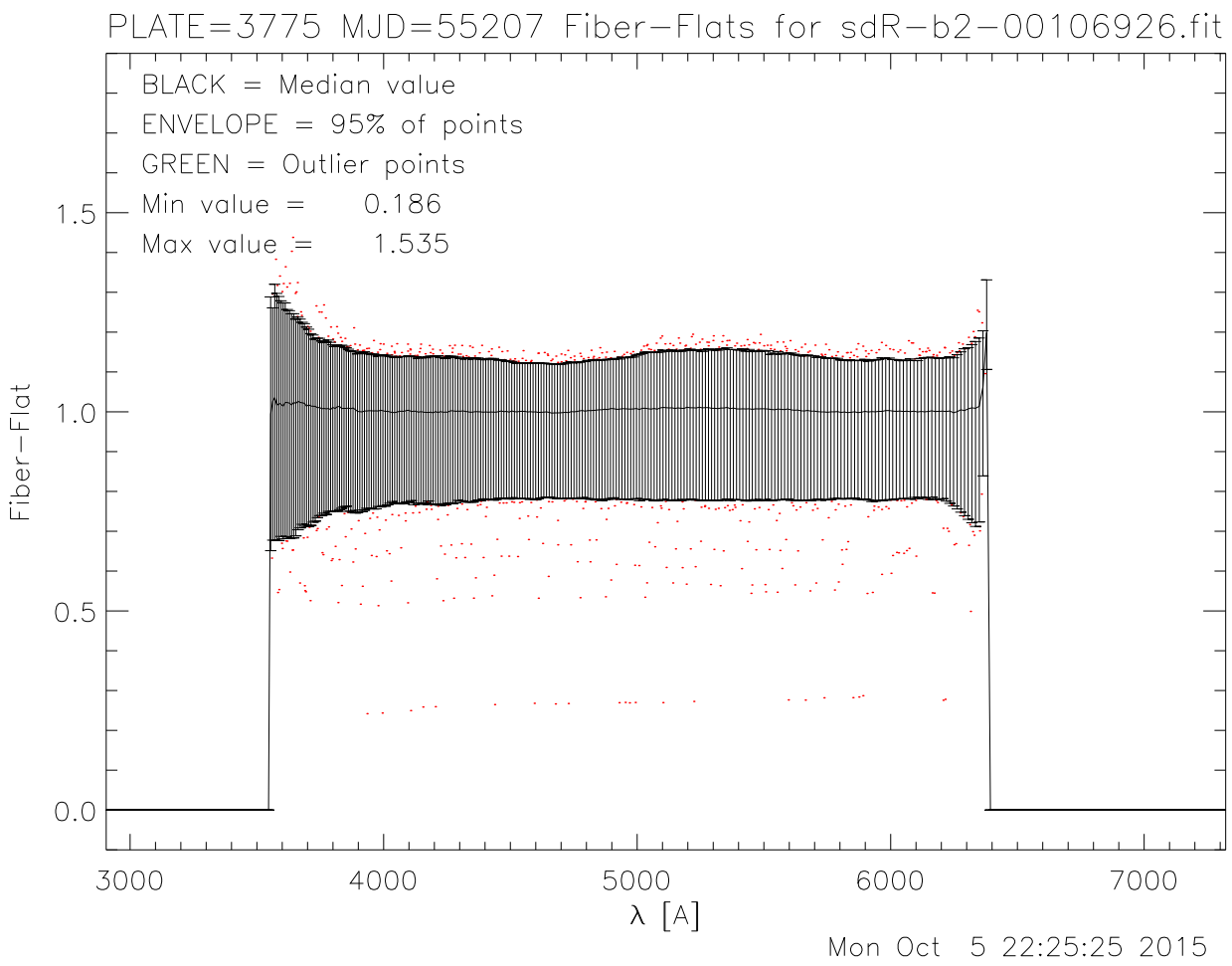

PLATE=3775 MJD=55207 sdR-b2-00106924.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
100
0
-100
-200
5570
5575
5580
5585
5590
λ [A]

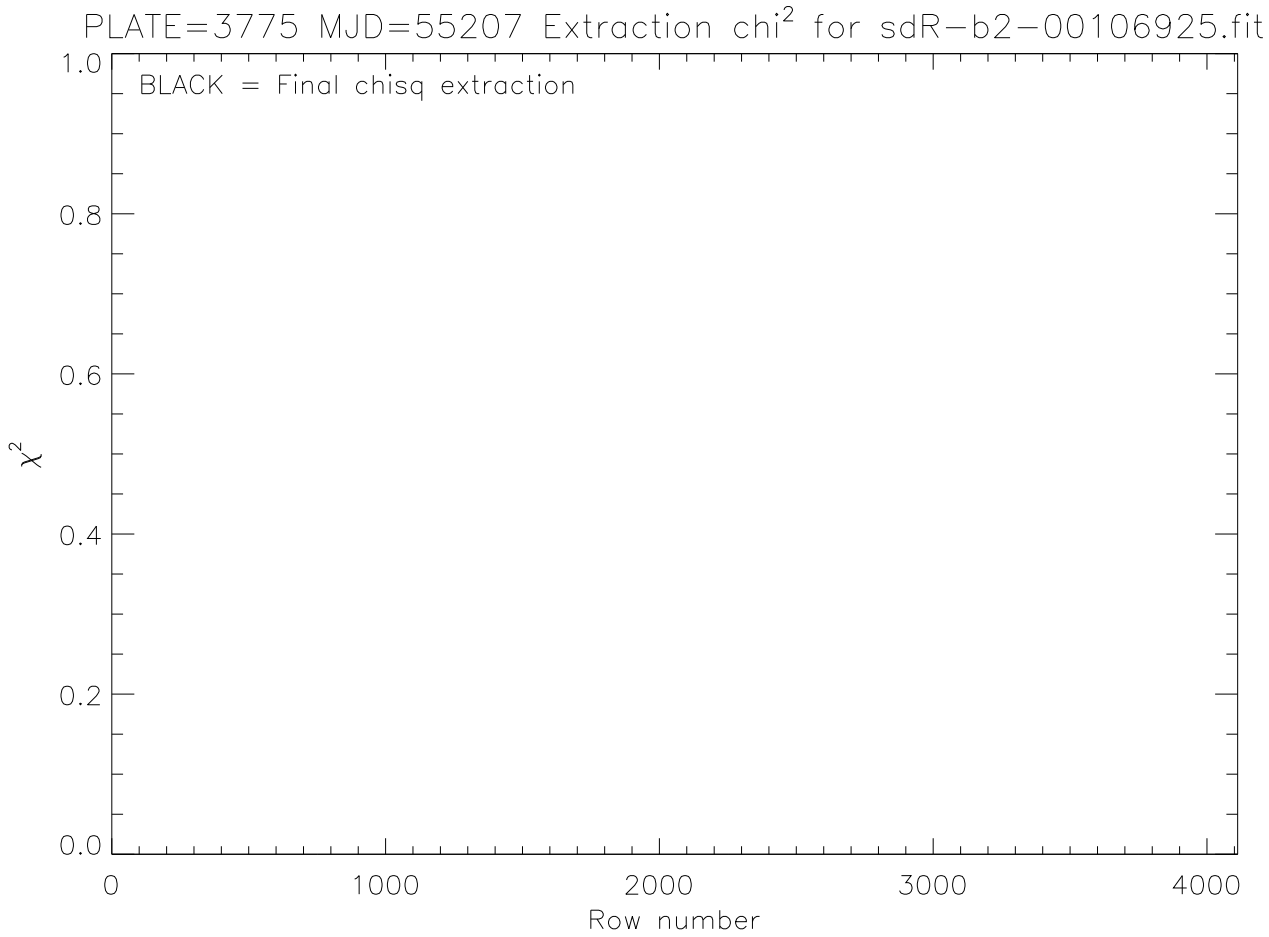
Number of sky fibers = 50

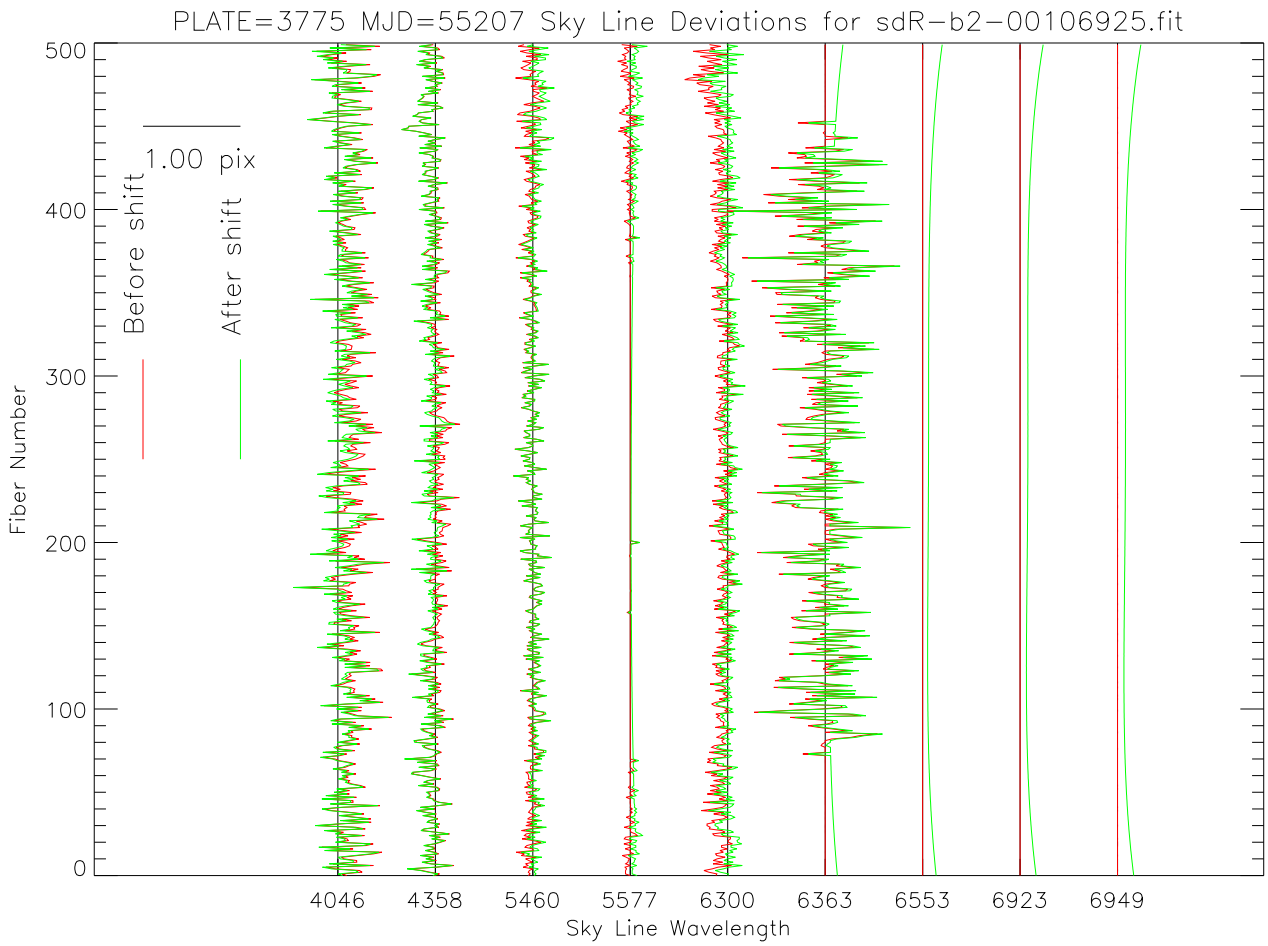


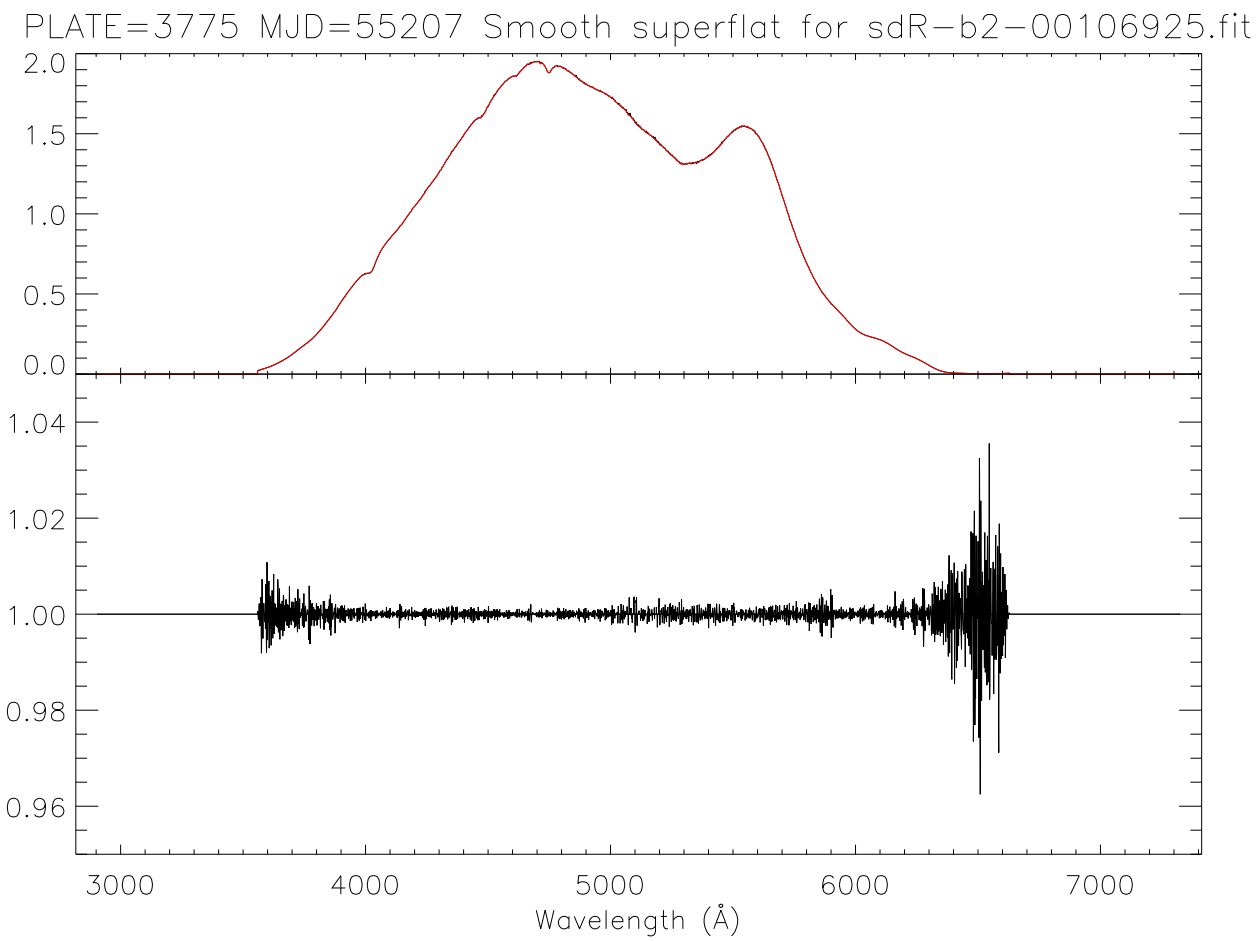

PLATE=3775 MJD=55207 sdR-b2-00106924.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
Fiber number
RED = sky fiber
Dispersion = 15.99 %
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

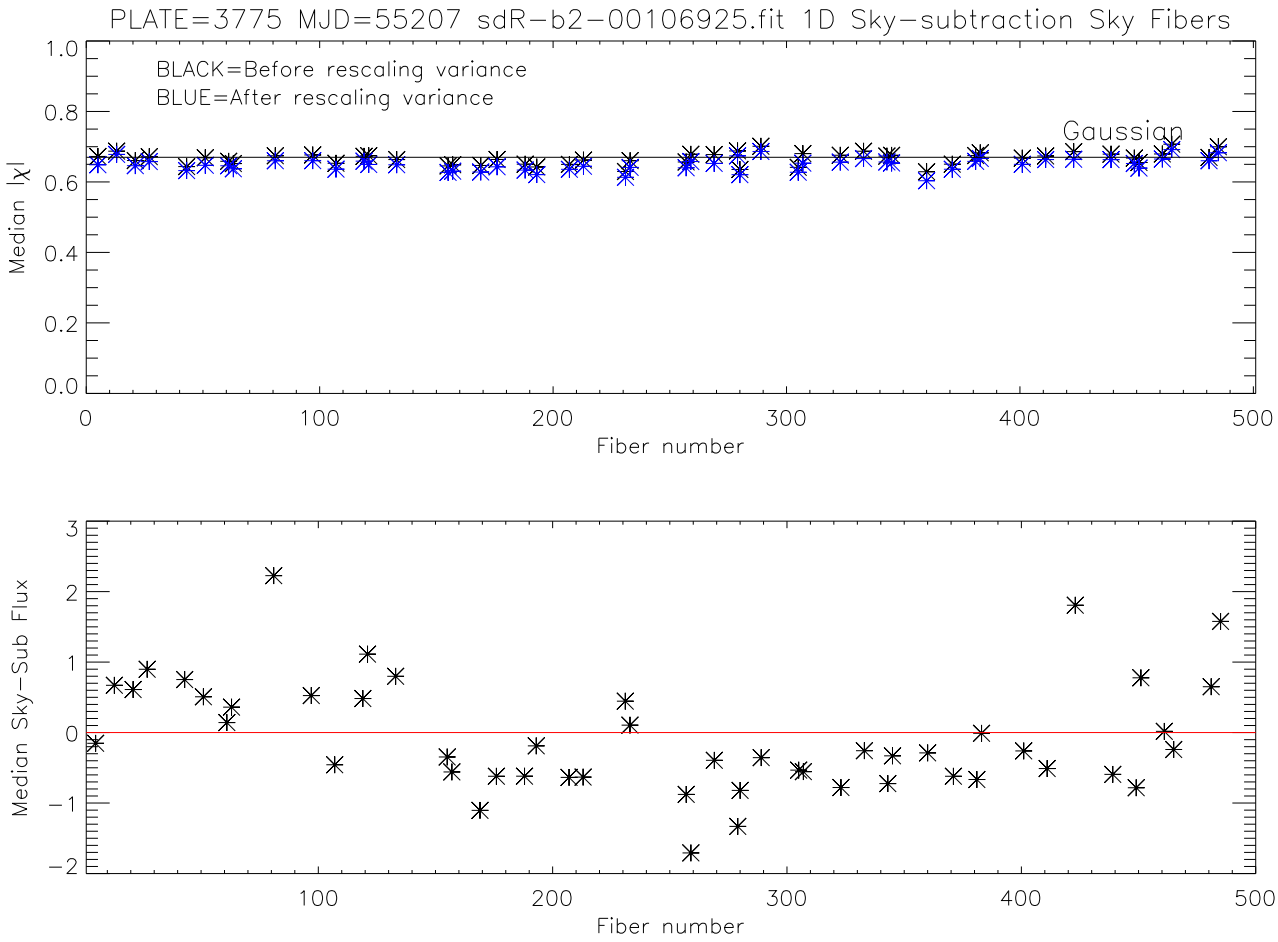

PLATE=3775 MJD=55207 sdR-b2-00106924.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
RED = sky fiber
Dispersion = 34.81 %
Fiber number
Focal Distance [mm]
Airmass

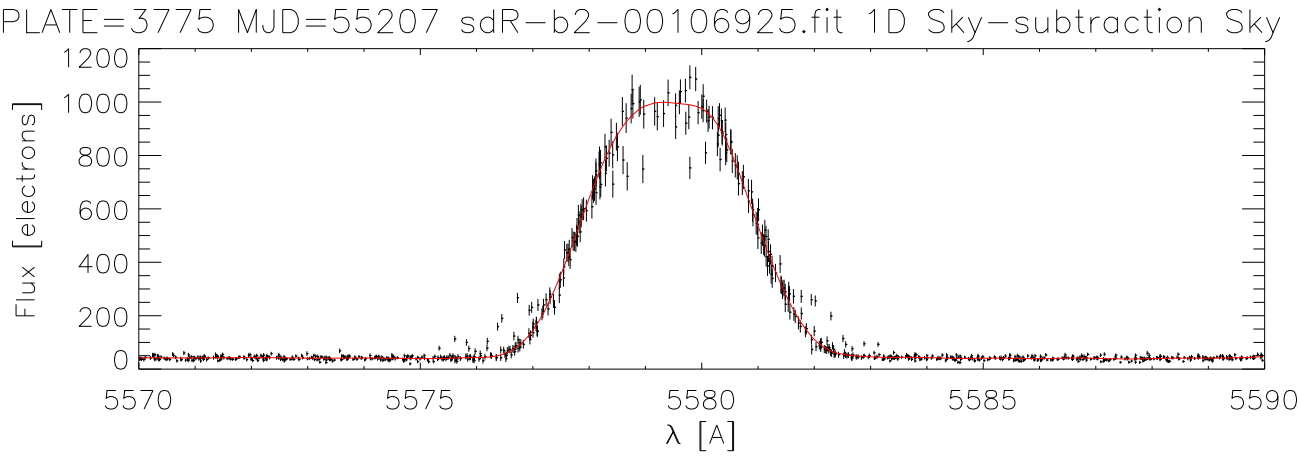

PLATE=3775 MJD=55207 Fiber−Flats for sdR−b2−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = 0.186
Max value = 1.535
Fiber−Flat
1.5
1.0
0.5
0.0
3000
4000
5000
6000
7000
λ [A]
Mon Oct 5 22:25:25 2015

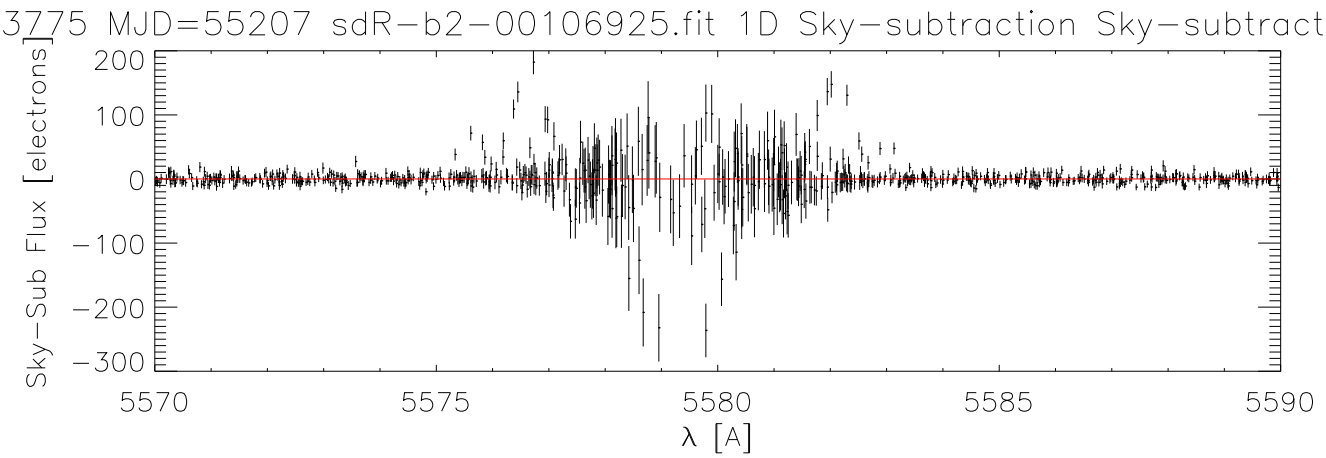

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-b2-00106925.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-b2-00106925.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
4046
4358
5460
5577
6300
6363
6553
6923
6949
Sky Line Wavelength

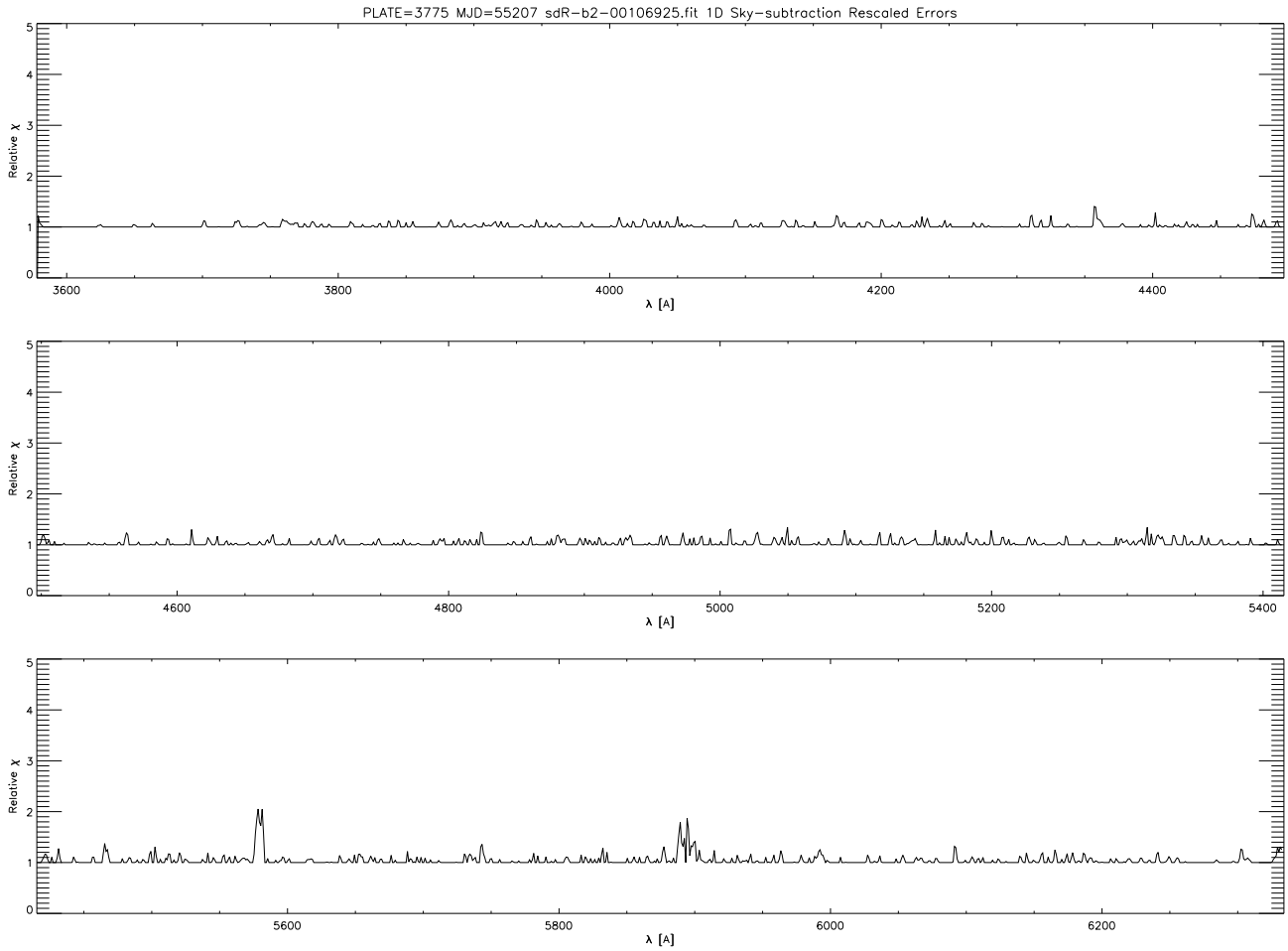

PLATE=3775 MJD=55207 Smooth superflat for sdR-b2-00106925.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
3000
4000
5000
6000
7000
Wavelength (Å)

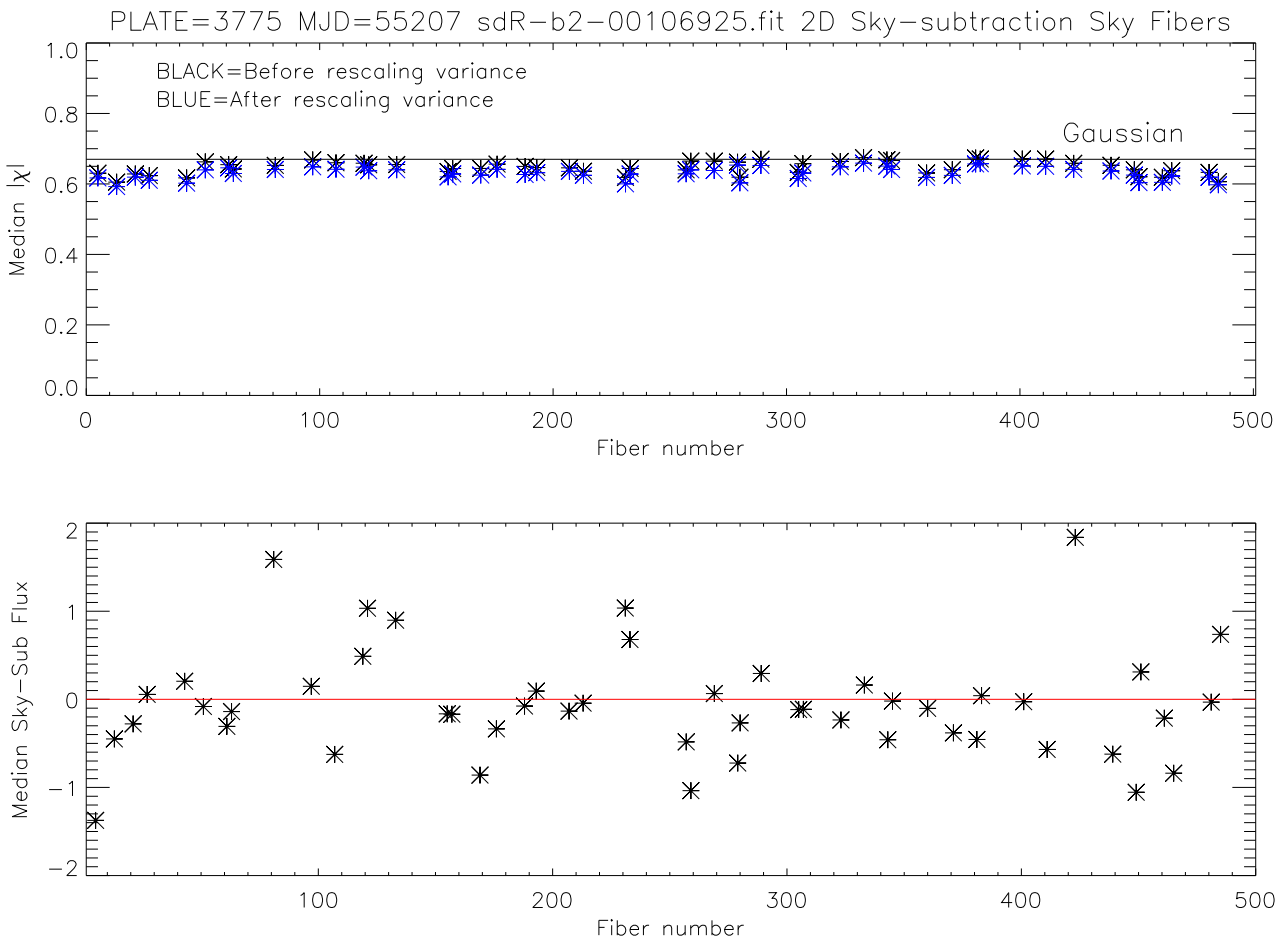

PLATE=3775 MJD=55207 sdR-b2-00106925.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

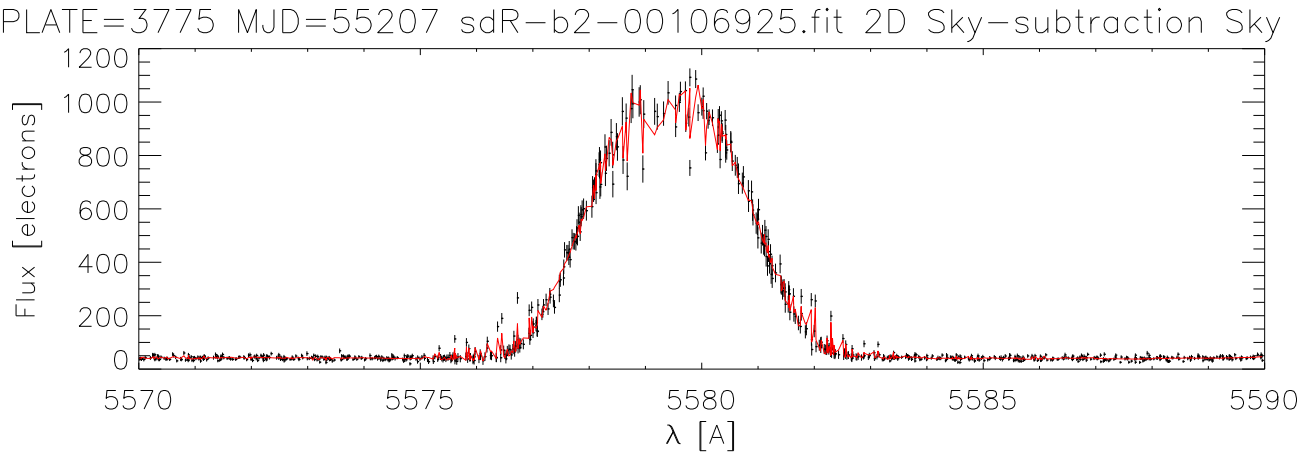

PLATE=3775 MJD=55207 sdR-b2-00106925.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]

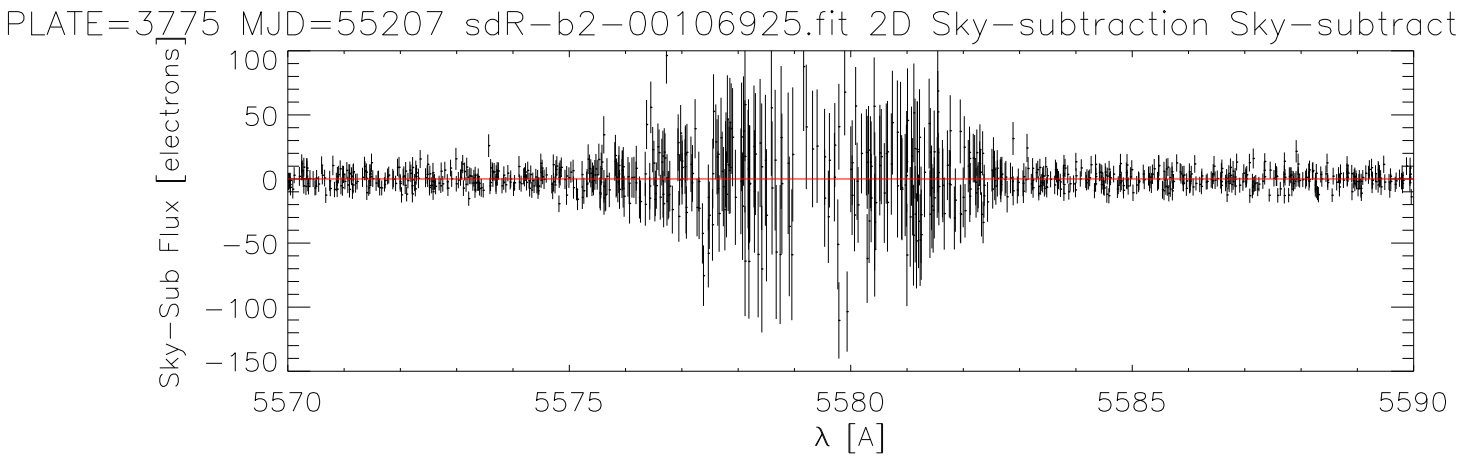

PLATE=3775 MJD=55207 sdR-b2-00106925.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
100
0
-100
-200
-300
5570
5575
5580
5585
5590
λ [A]

Number of sky fibers = 50

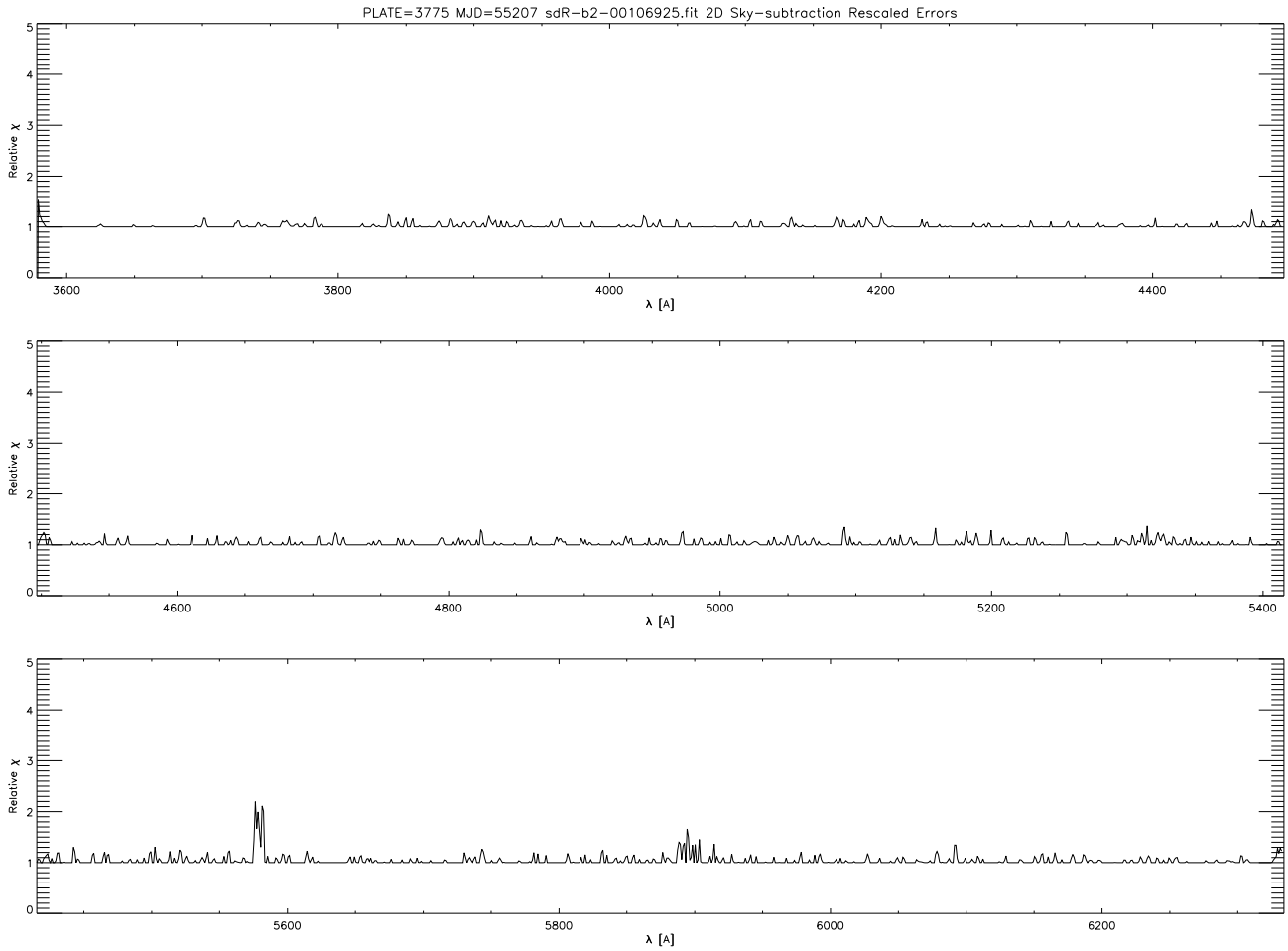


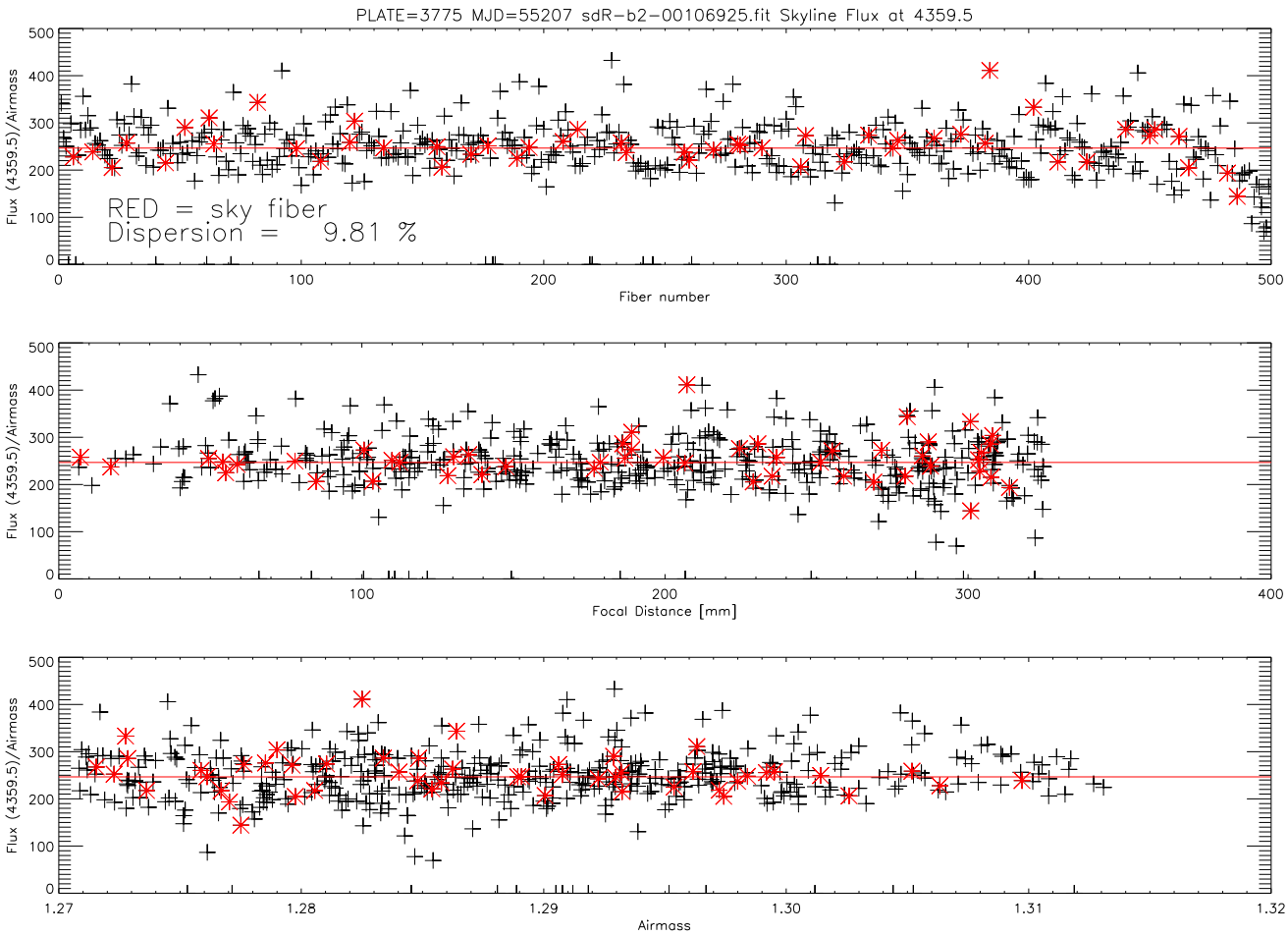

PLATE=3775 MJD=55207 sdR-b2-00106925.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

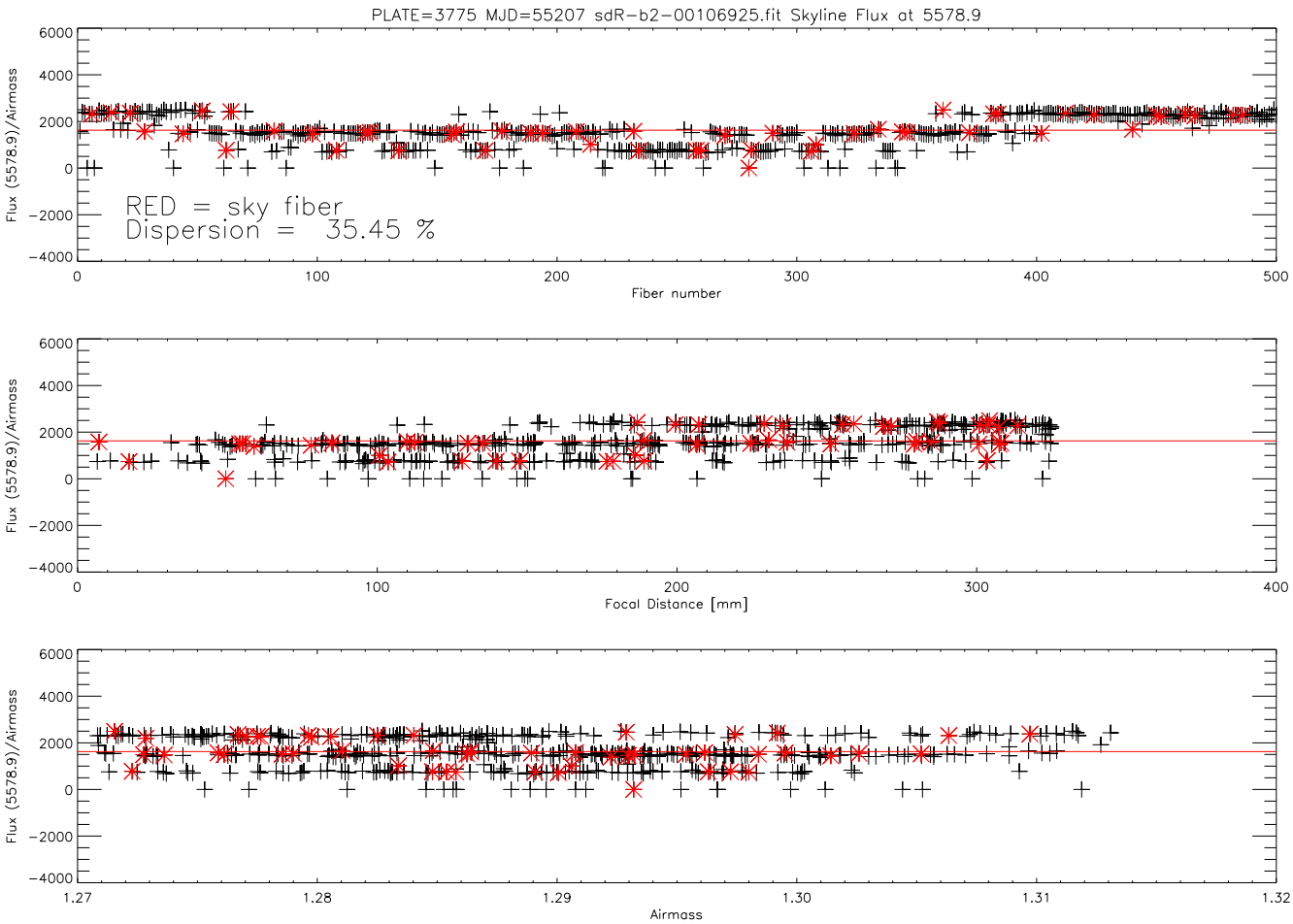

PLATE=3775 MJD=55207 sdR-b2-00106925.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
1200
1000
800
600
400
200
0
5570
5575
5580
5585
5590
λ [A]


PLATE=3775 MJD=55207 sdR-b2-00106925.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
100
50
0
-50
-100
-150
5570
5575
5580
5585
5590
λ [A]

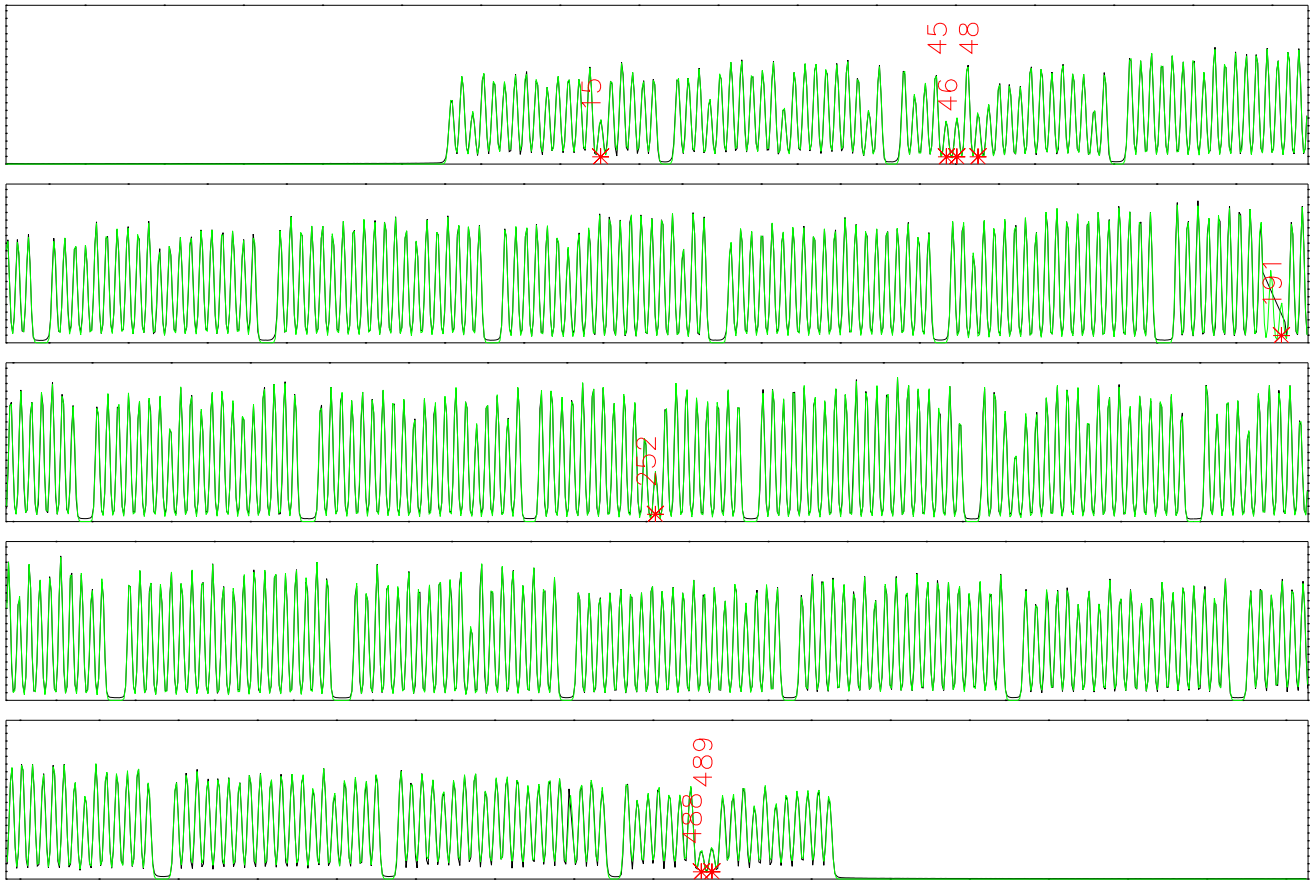
Number of sky fibers = 50



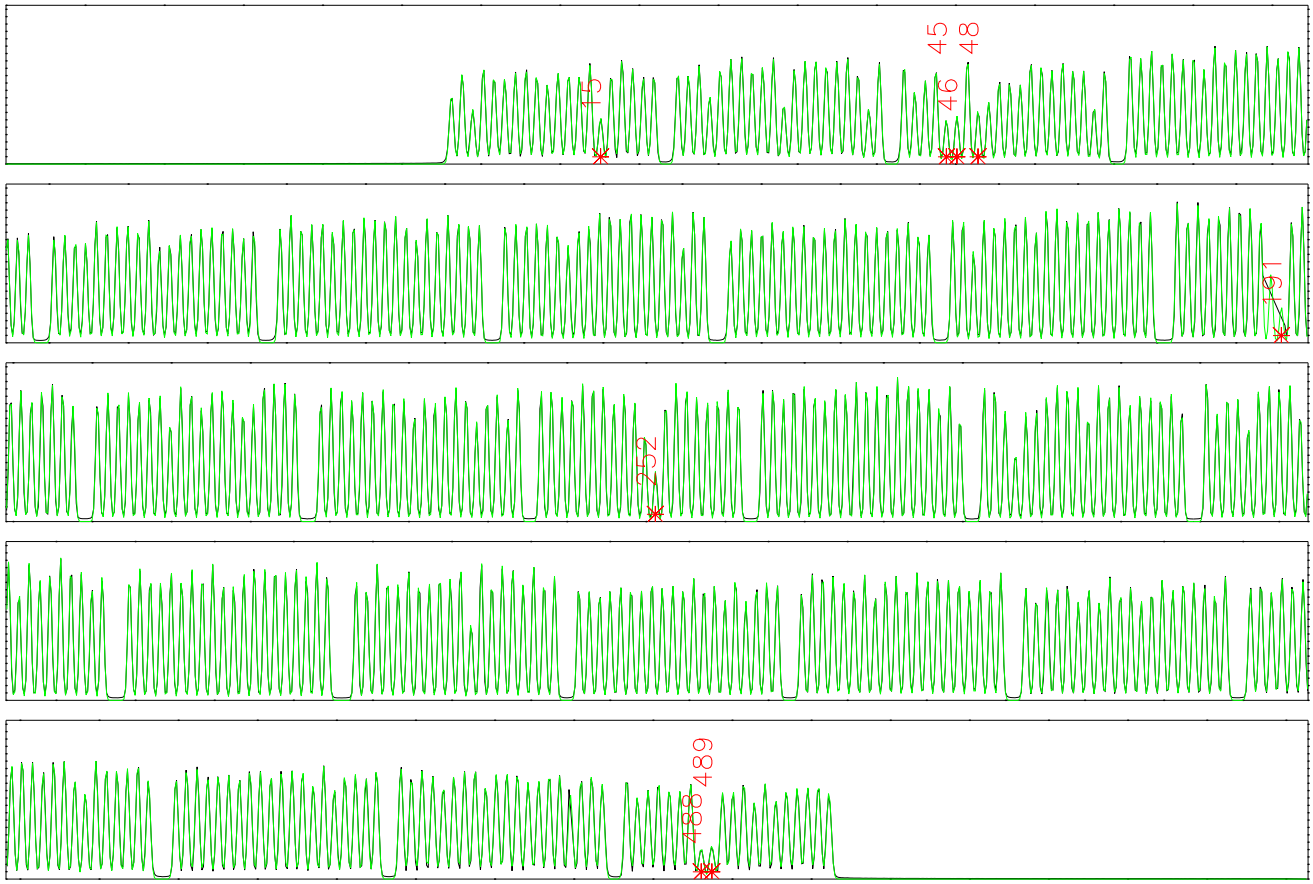

PLATE=3775 MJD=55207 sdR-b2-00106925.fit Skyline Flux at 4359.5
Flux (4359.5)/Airmass
RED = sky fiber
Dispersion = 9.81 %
Fiber number
Flux (4359.5)/Airmass
Focal Distance [mm]
Flux (4359.5)/Airmass
Airmass

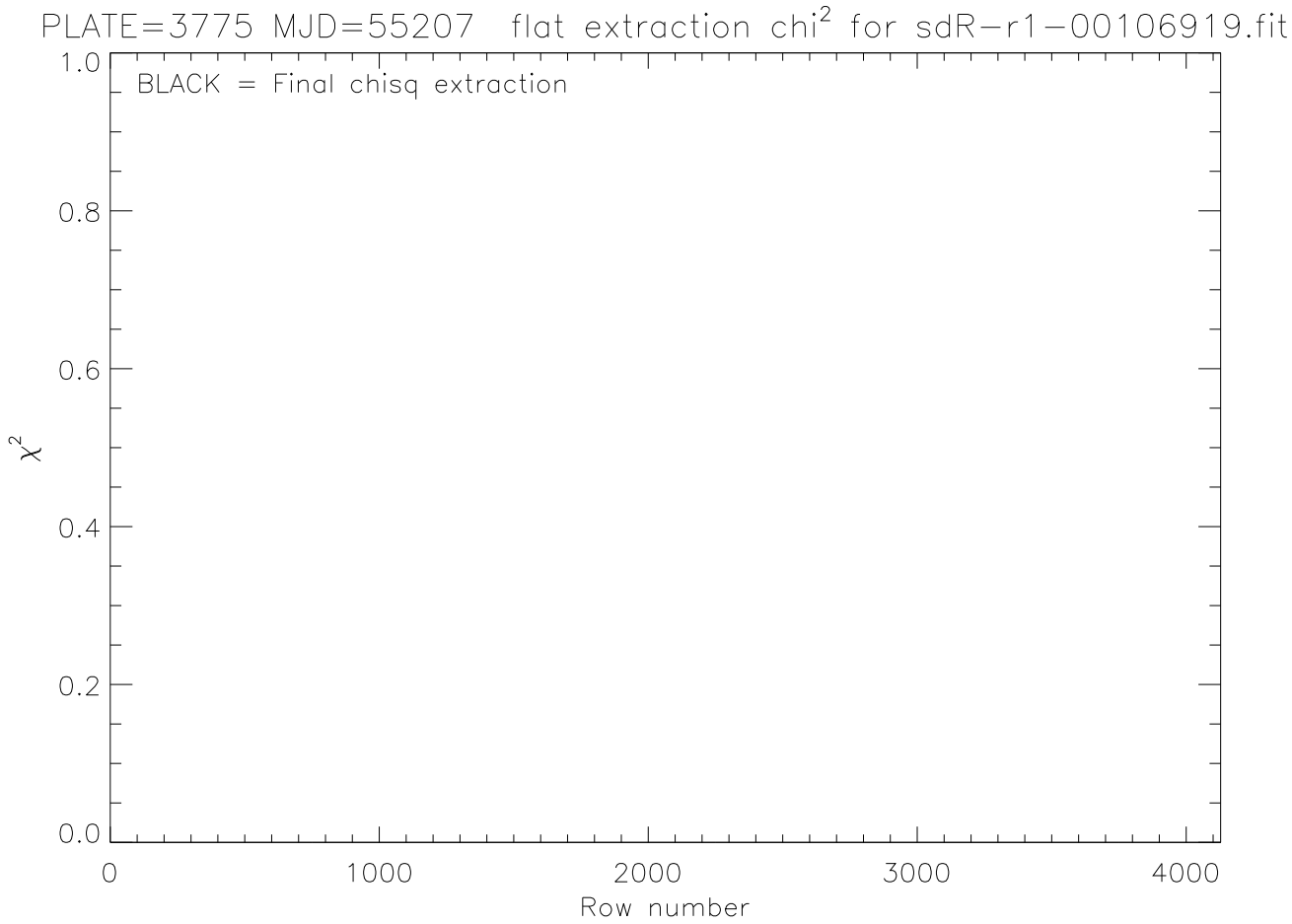

PLATE=3775 MJD=55207 sdR-b2-00106925.fit Skyline Flux at 5578.9
Flux (5578.9)/Airmass
RED = sky fiber
Dispersion = 35.45 %
Fiber number
Flux (5578.9)/Airmass
Focal Distance [mm]
Flux (5578.9)/Airmass
Airmass

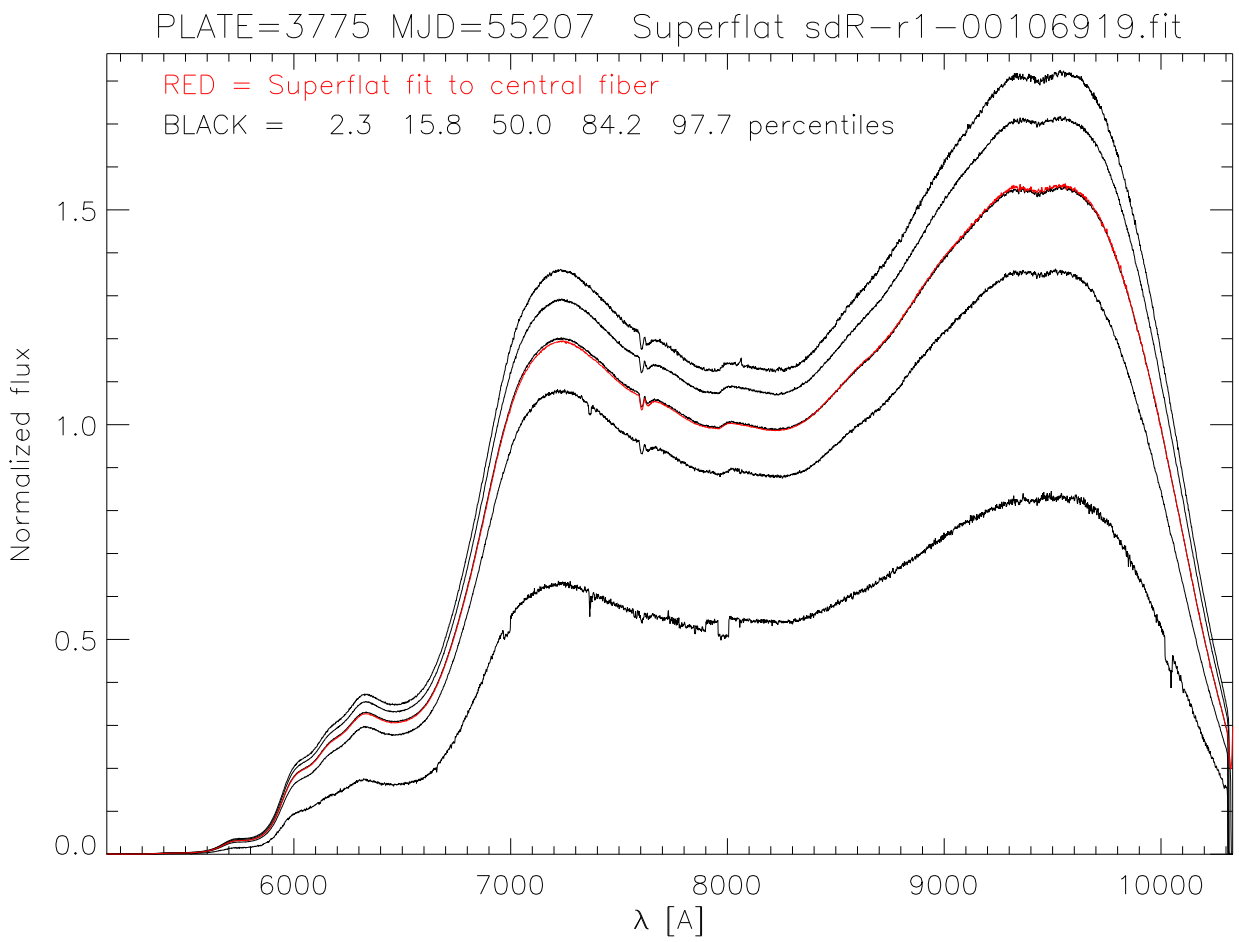
PLATE=3775 MJD=55207 Traces sdR-r1-00106919.fit

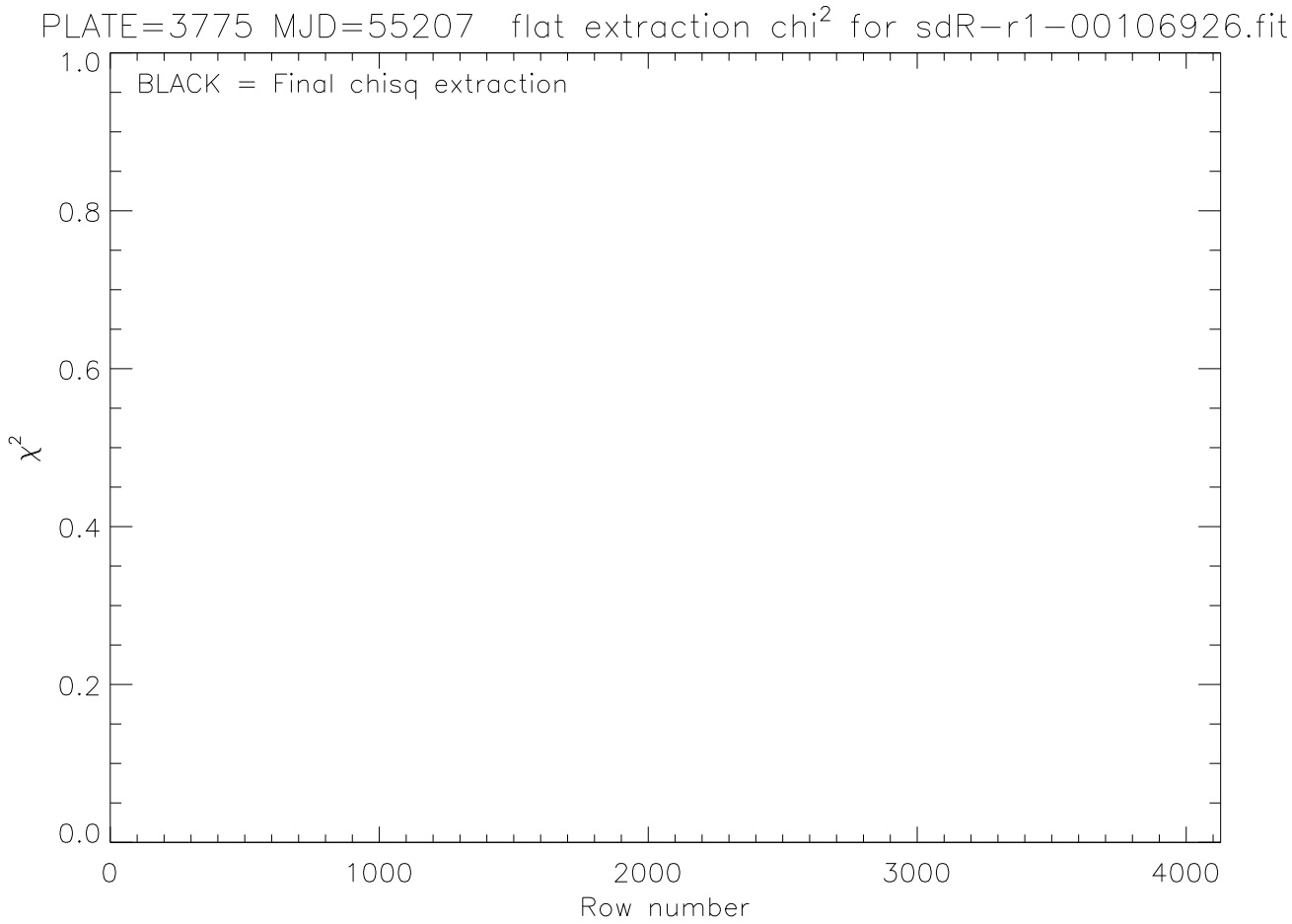


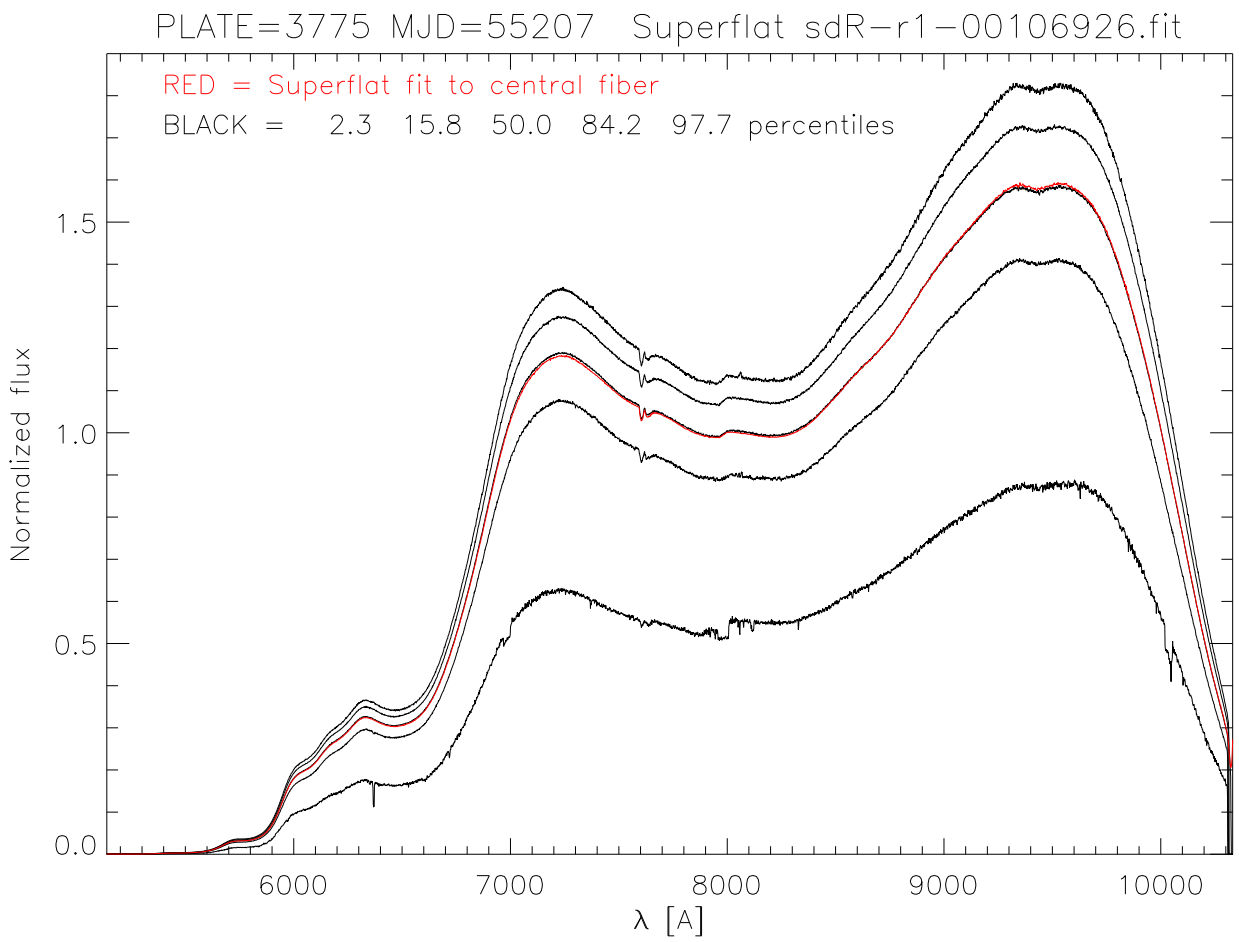
PLATE=3775 MJD=55207 Traces sdR-r1-00106926.fit

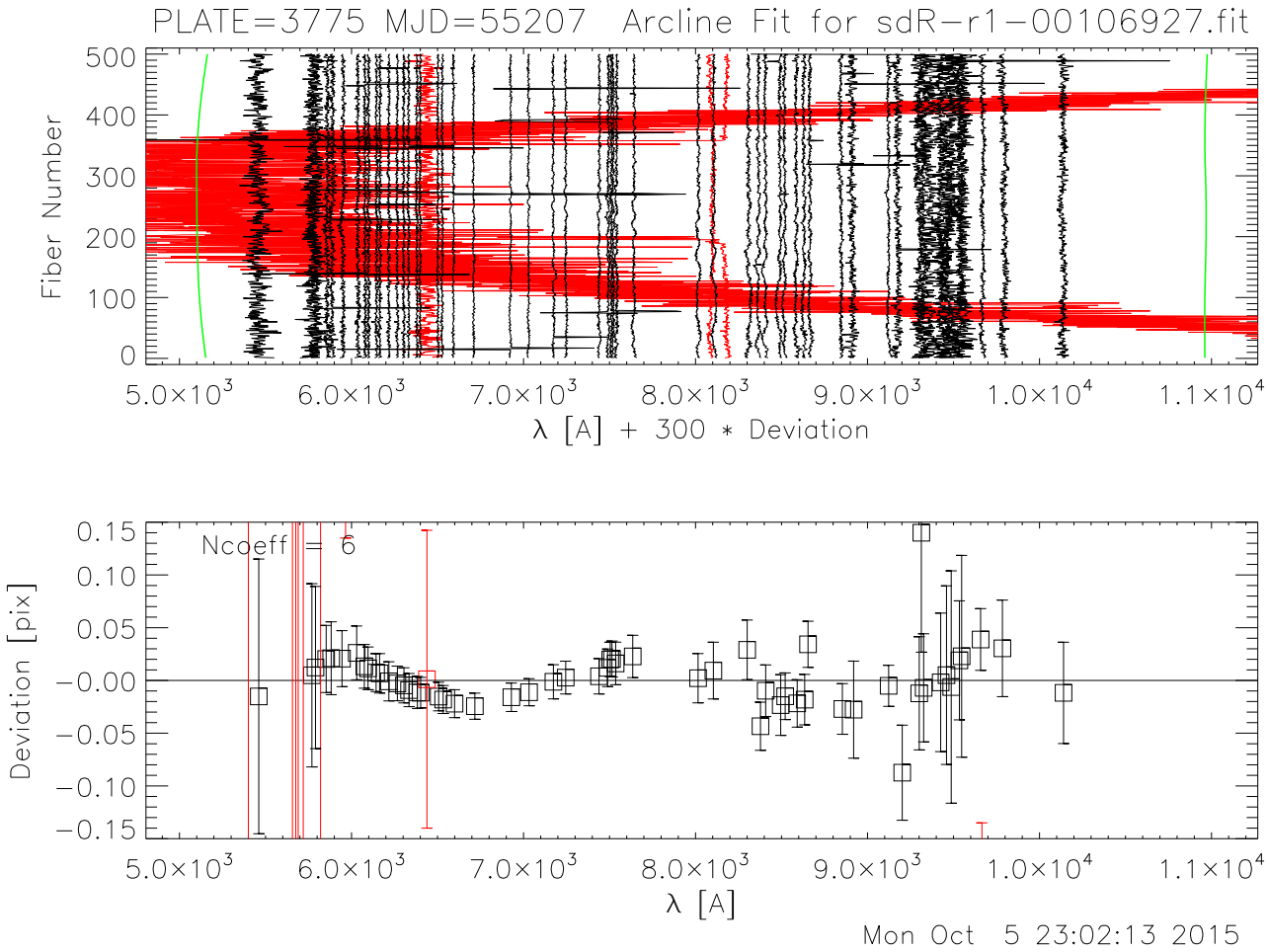


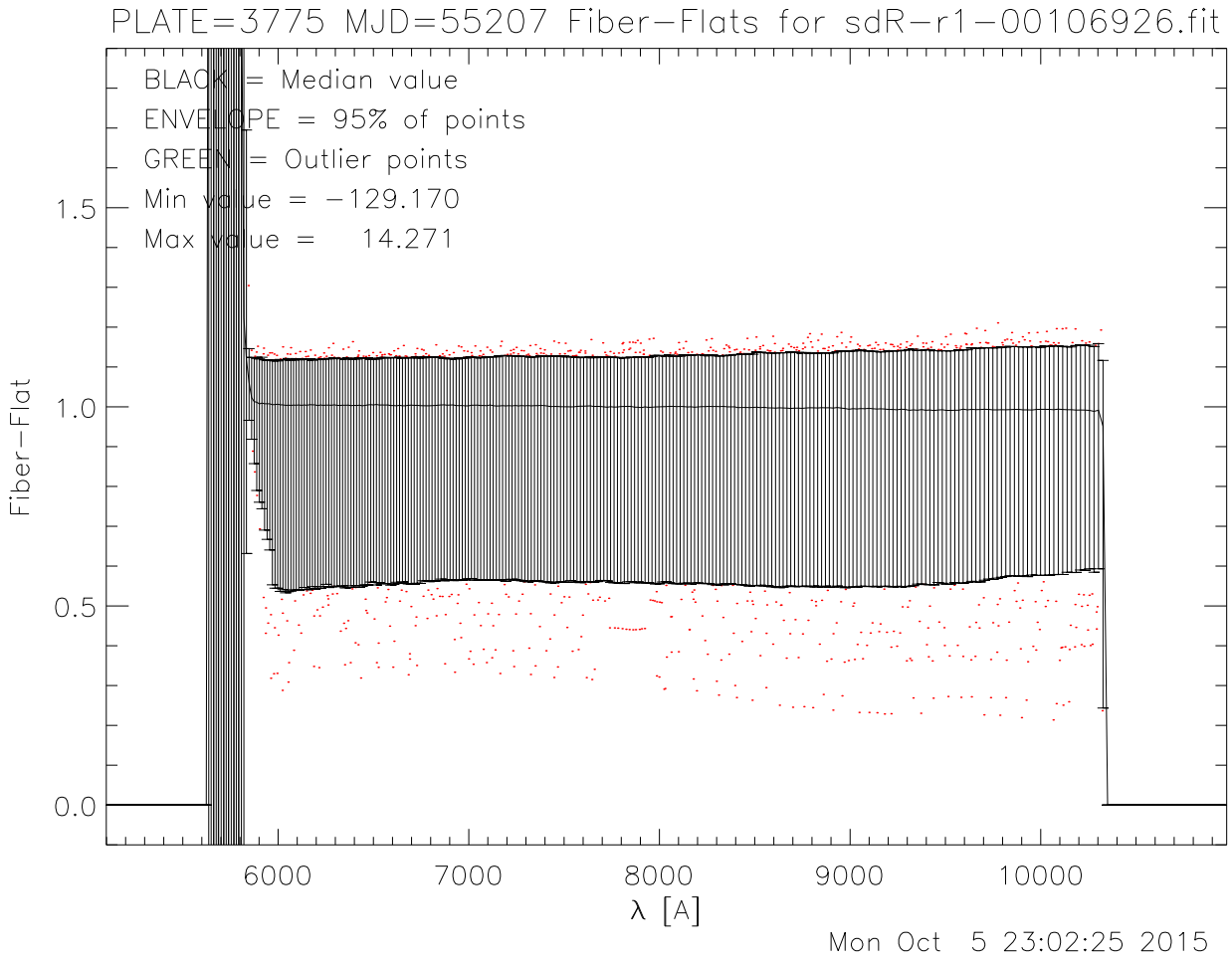

PLATE=3775 MJD=55207 flat extraction chi^2 for sdR−r1−00106919.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

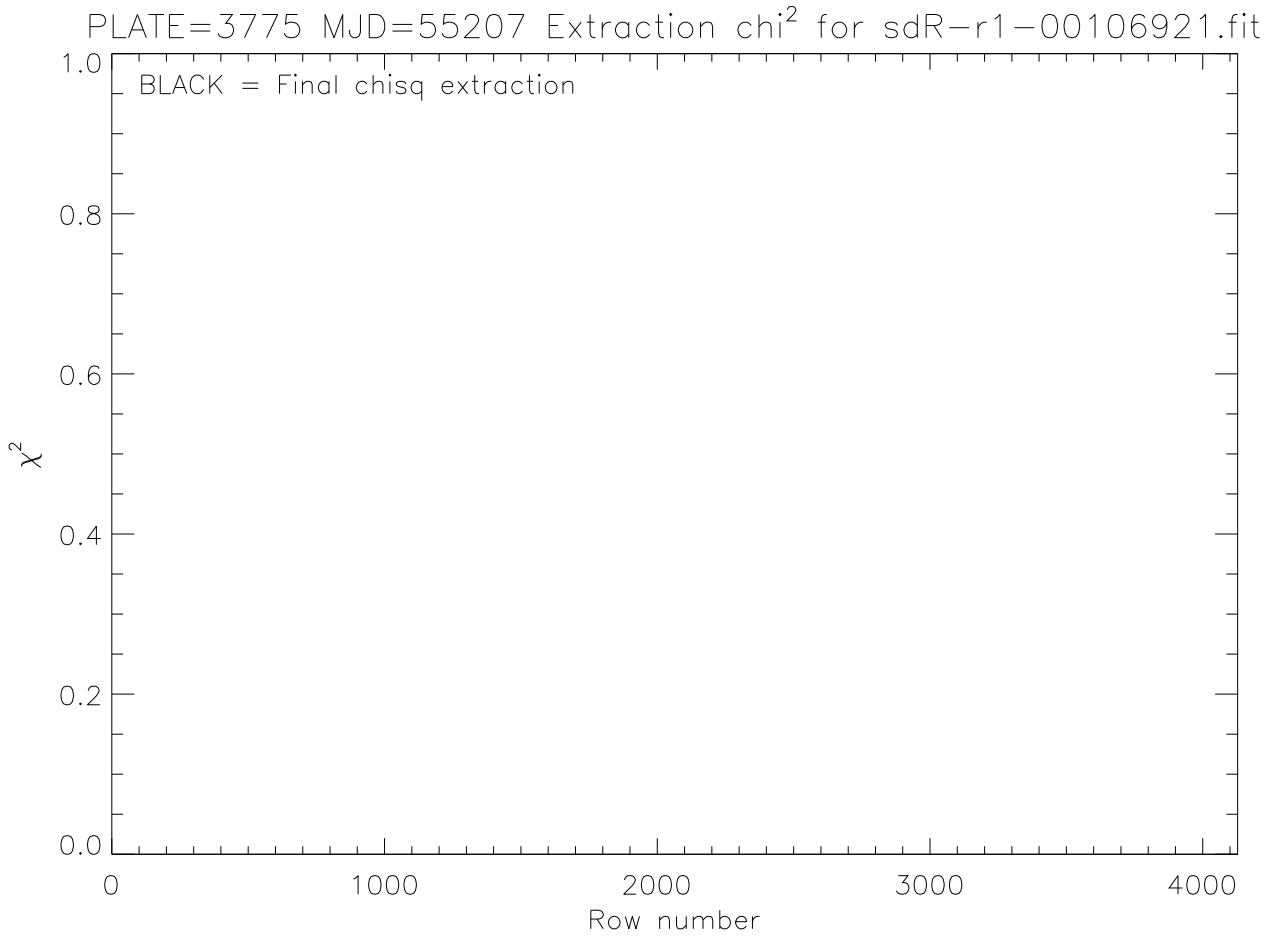

PLATE=3775 MJD=55207 Superflat sdR-r1-00106919.fit
RED = Superflat fit to central fiber
BLACK = 2.3 15.8 50.0 84.2 97.7 percentiles
Normalized flux
0.0
0.5
1.0
1.5
6000
7000
8000
9000
10000
λ [A]

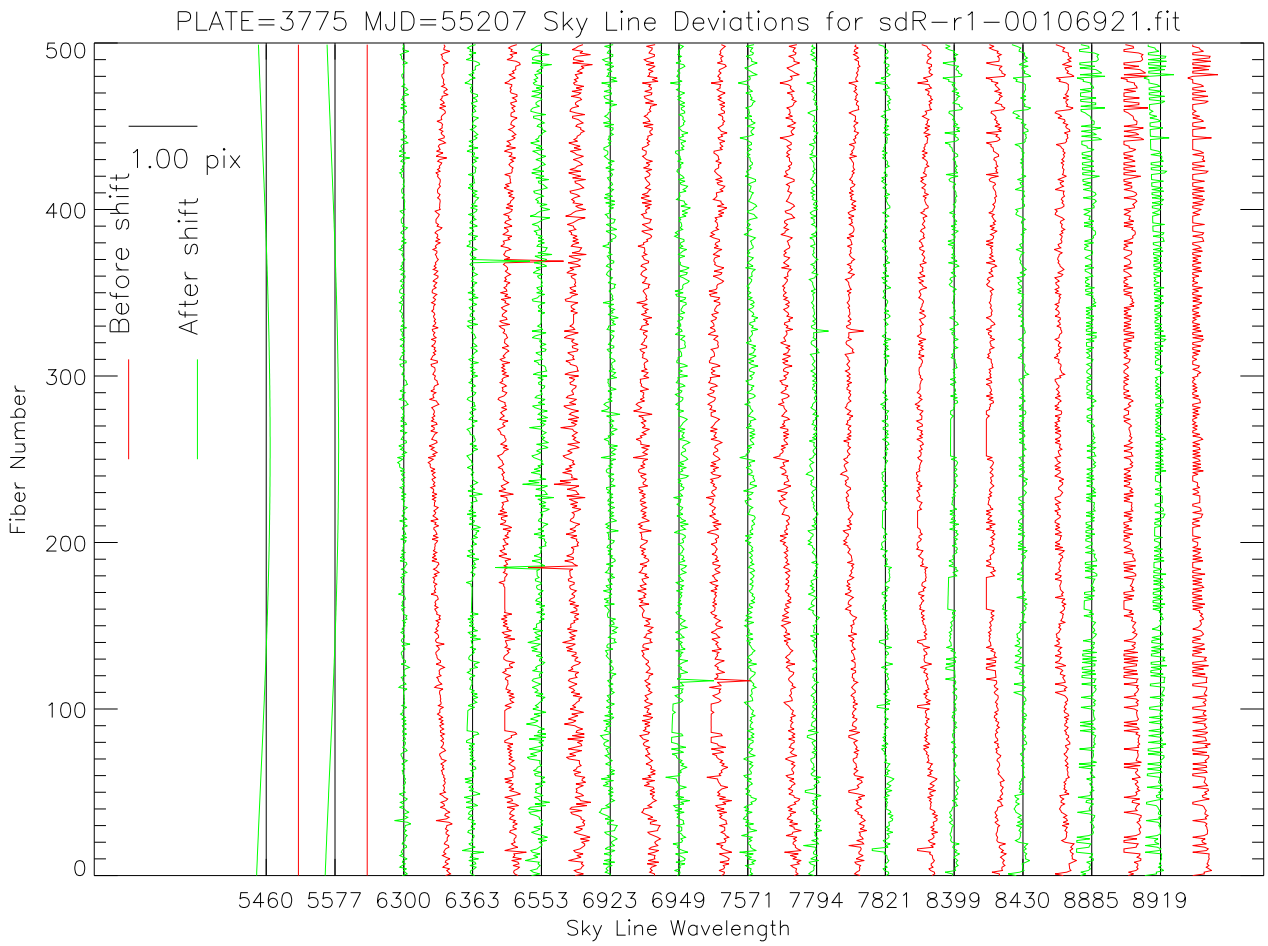

PLATE=3775 MJD=55207 flat extraction chi^2 for sdR−r1−00106926.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

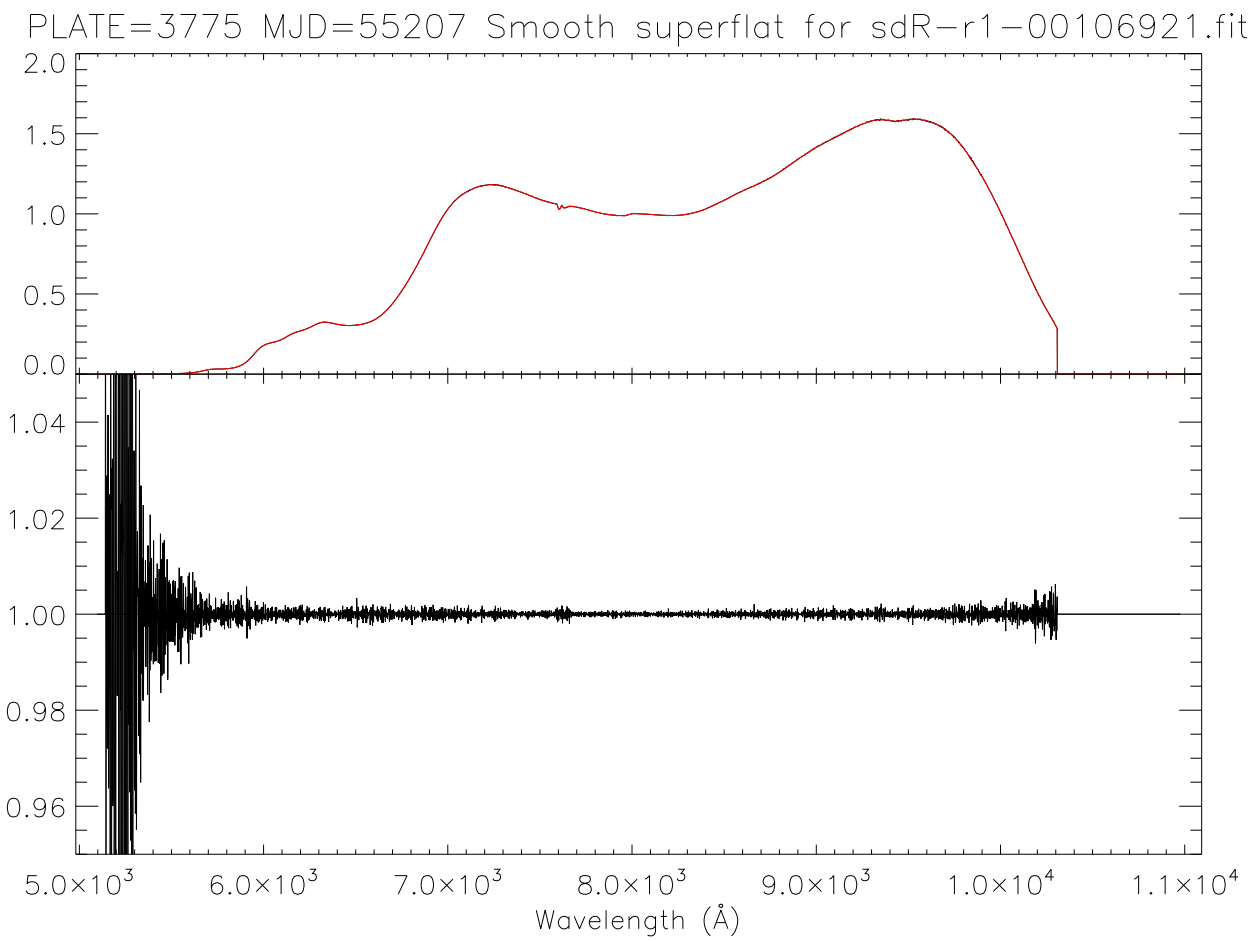

PLATE=3775 MJD=55207 Superflat sdR-r1-00106926.fit
RED = Superflat fit to central fiber
BLACK = 2.3 15.8 50.0 84.2 97.7 percentiles
Normalized flux
0.0
0.5
1.0
1.5
6000
7000
8000
9000
10000
λ [A]

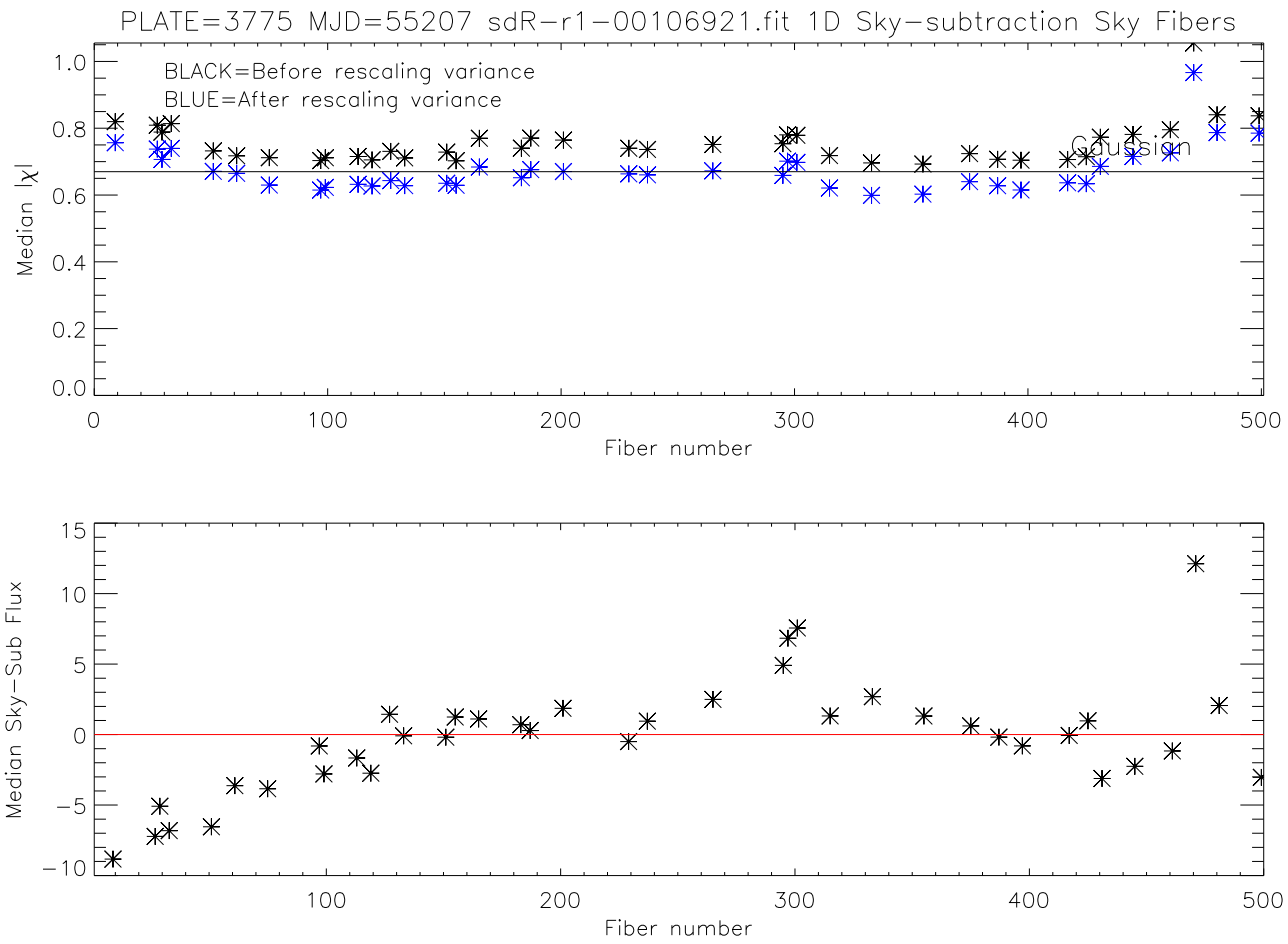

PLATE=3775 MJD=55207 Arcline Fit for sdR-r1-00106927.fit
Fiber Number
500
400
300
200
100
0
5.0×10^3
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
λ [A] + 300 * Deviation
Ncoeff = 6
Deviation [pix]
0.15
0.10
0.05
−0.00
−0.05
−0.10
−0.15
λ [A]
Mon Oct 5 23:02:13 2015

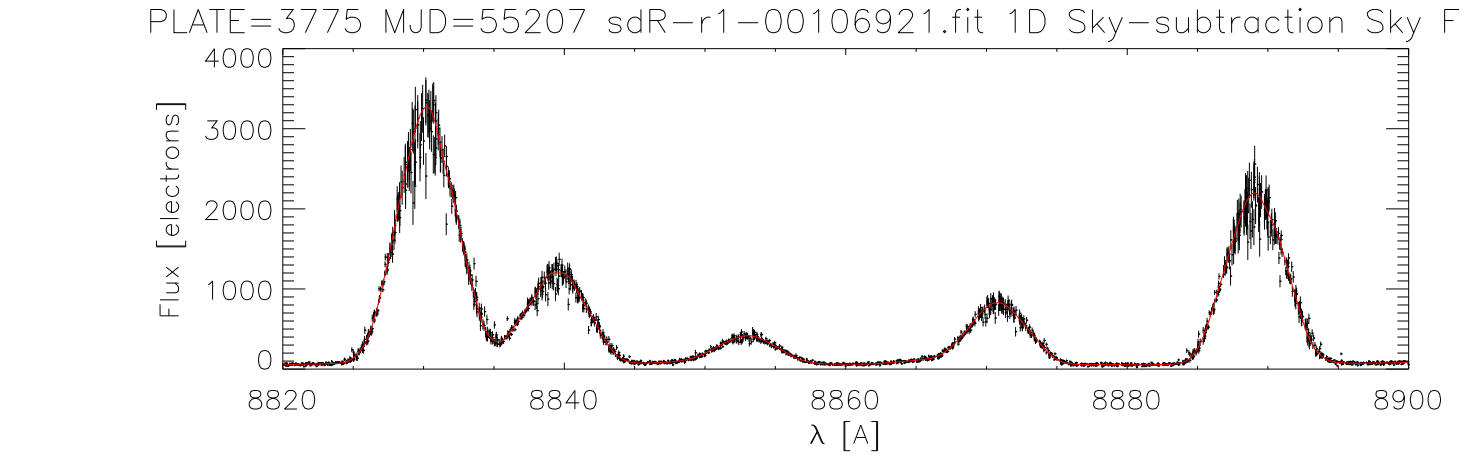

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r1−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −129.170
Max value = 14.271
Fiber−Flat
1.5
1.0
0.5
0.0
6000
7000
8000
9000
10000
λ [A]
Mon Oct 5 23:02:25 2015

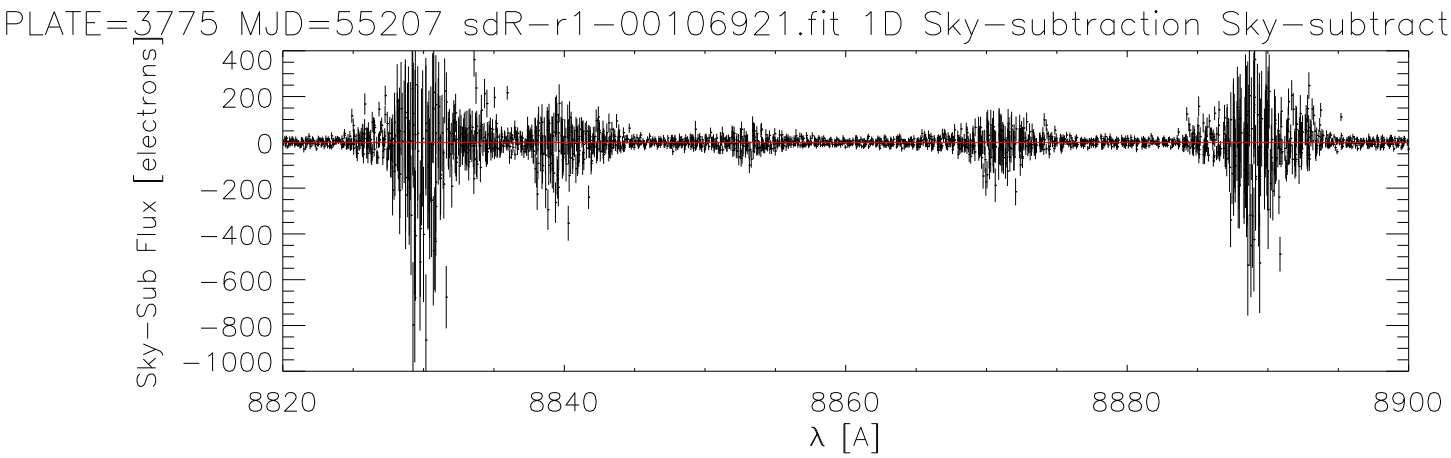

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r1−00106921.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r1-00106921.fit
Fiber Number
Sky Line Wavelength
Before shift
After shift
1.00 pix
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919

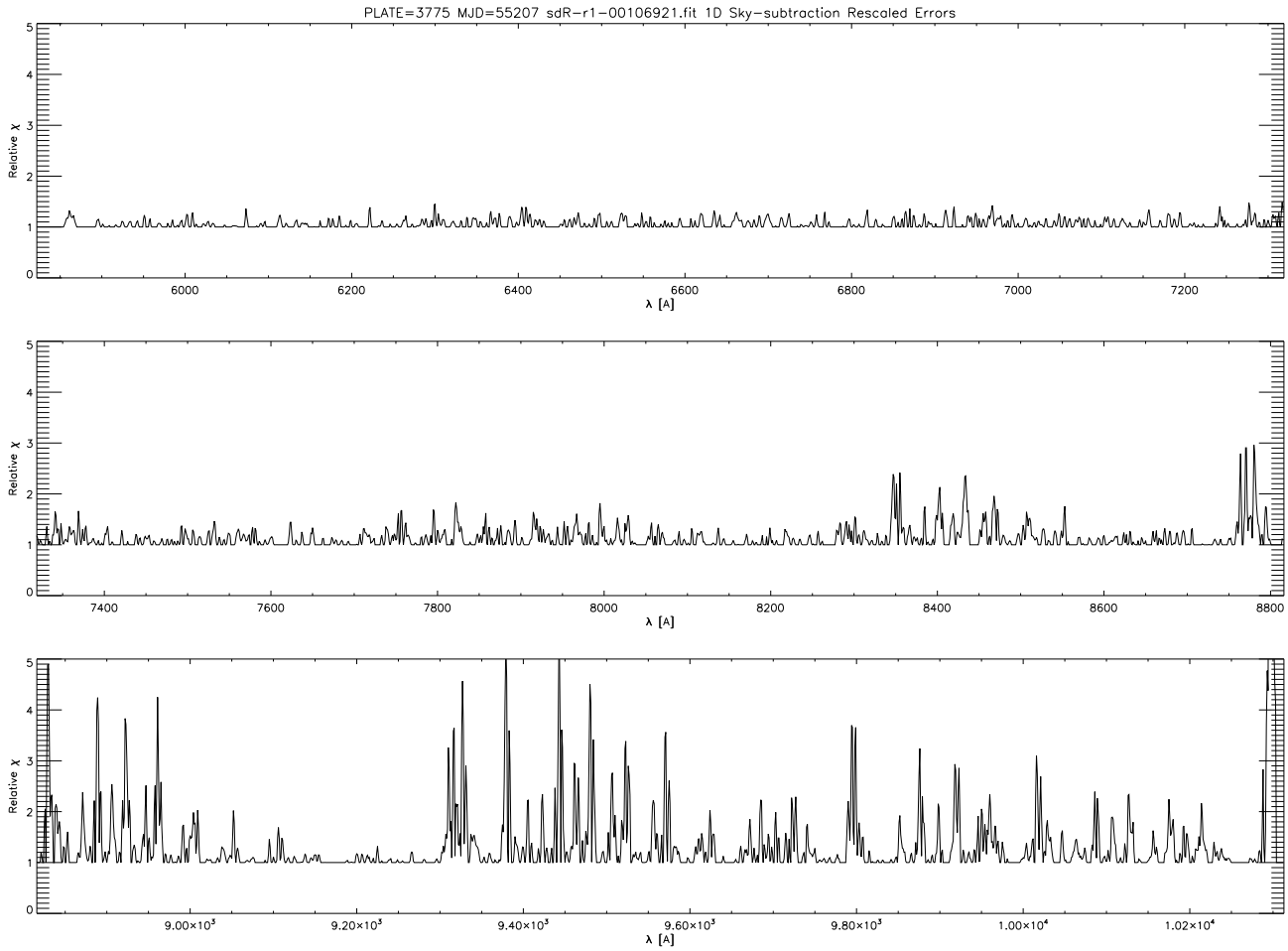

PLATE=3775 MJD=55207 Smooth superflat for sdR-r1-00106921.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
5.0×10^3
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

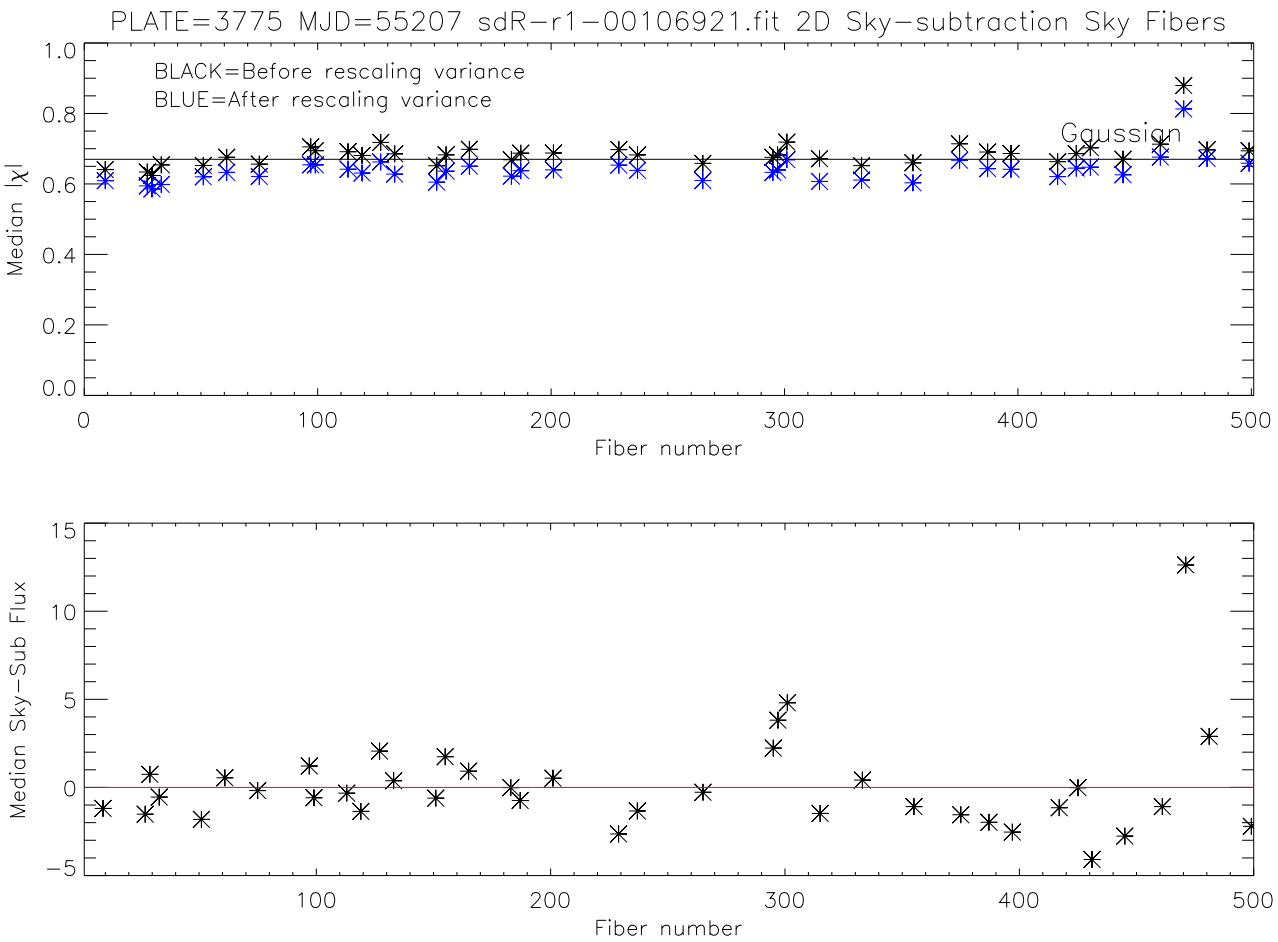

PLATE=3775 MJD=55207 sdR-r1-00106921.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

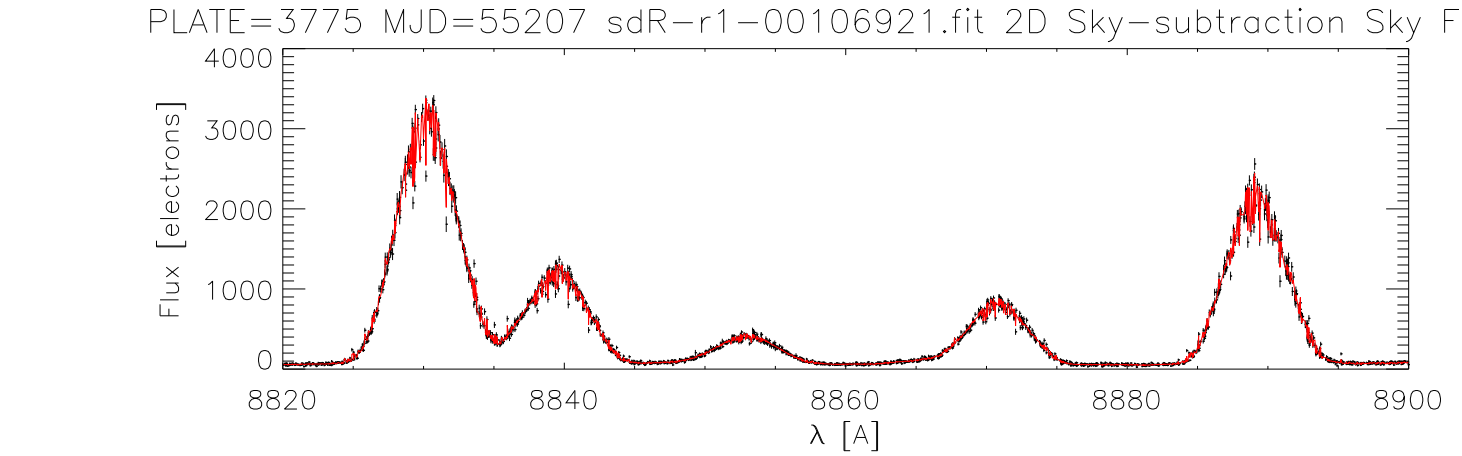

PLATE=3775 MJD=55207 sdR-r1-00106921.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

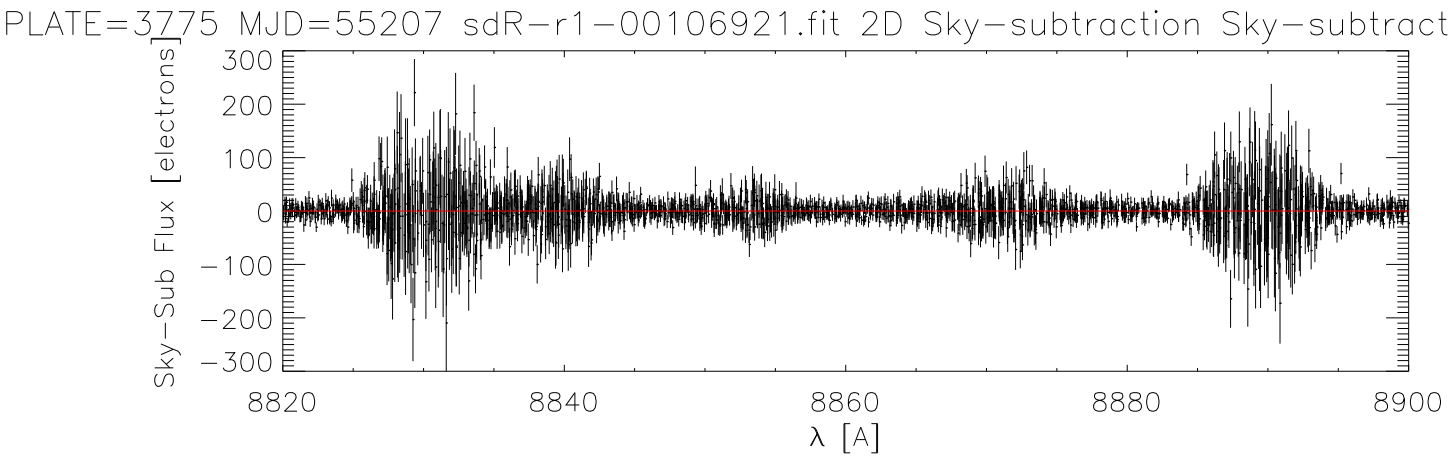

PLATE=3775 MJD=55207 sdR-r1-00106921.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
400
200
0
-200
-400
-600
-800
-1000
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 39

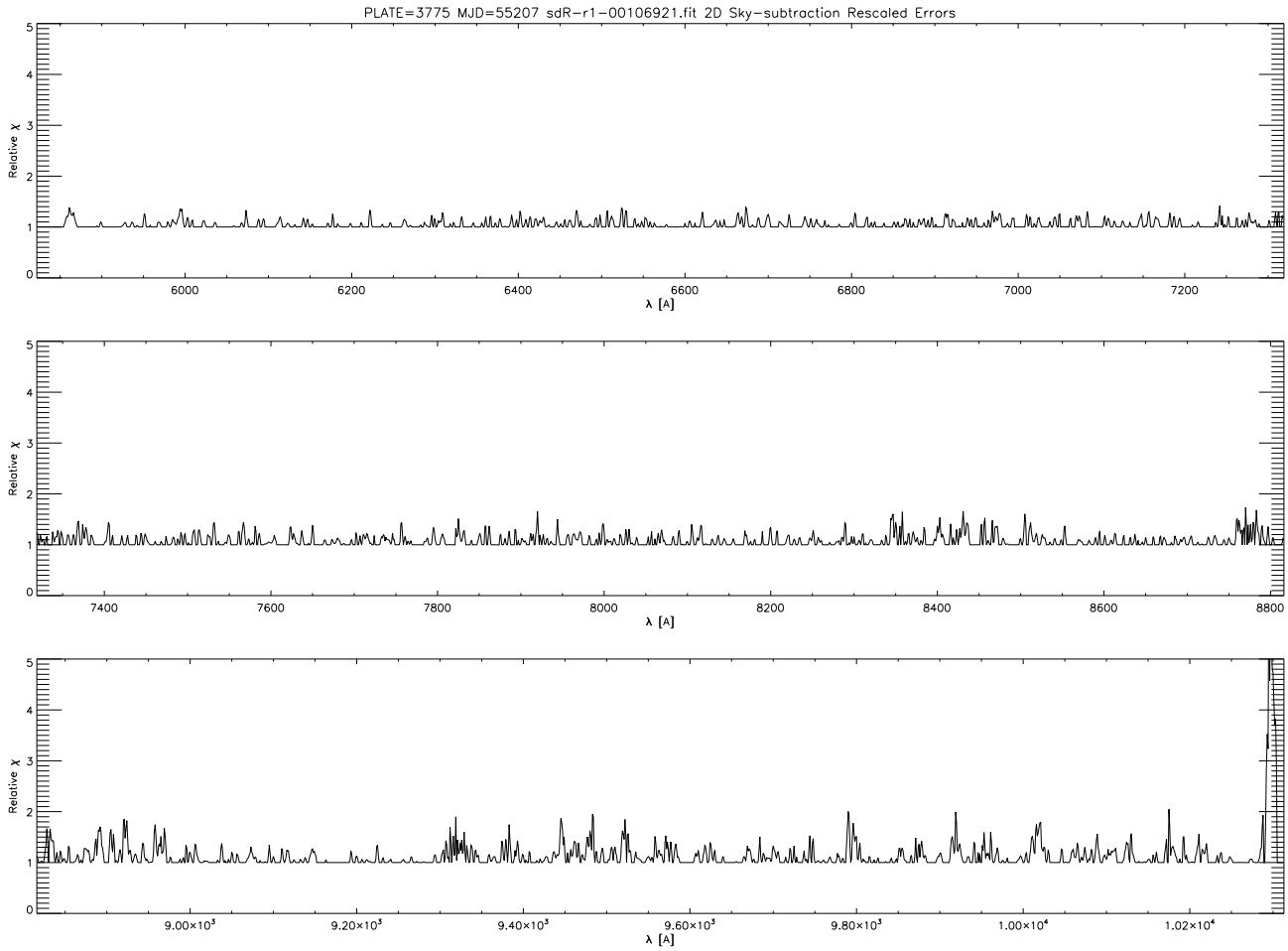


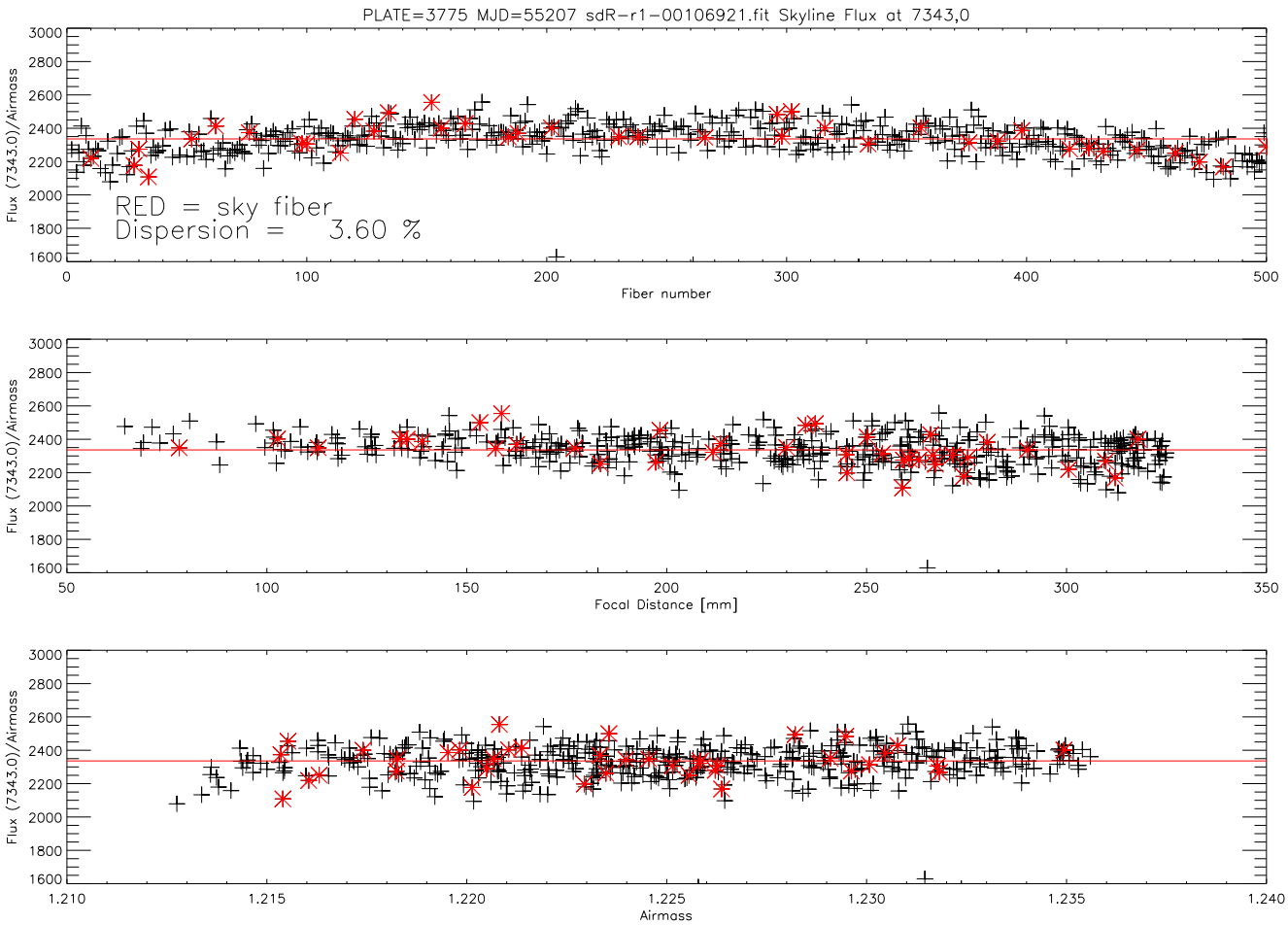

PLATE=3775 MJD=55207 sdR-r1-00106921.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

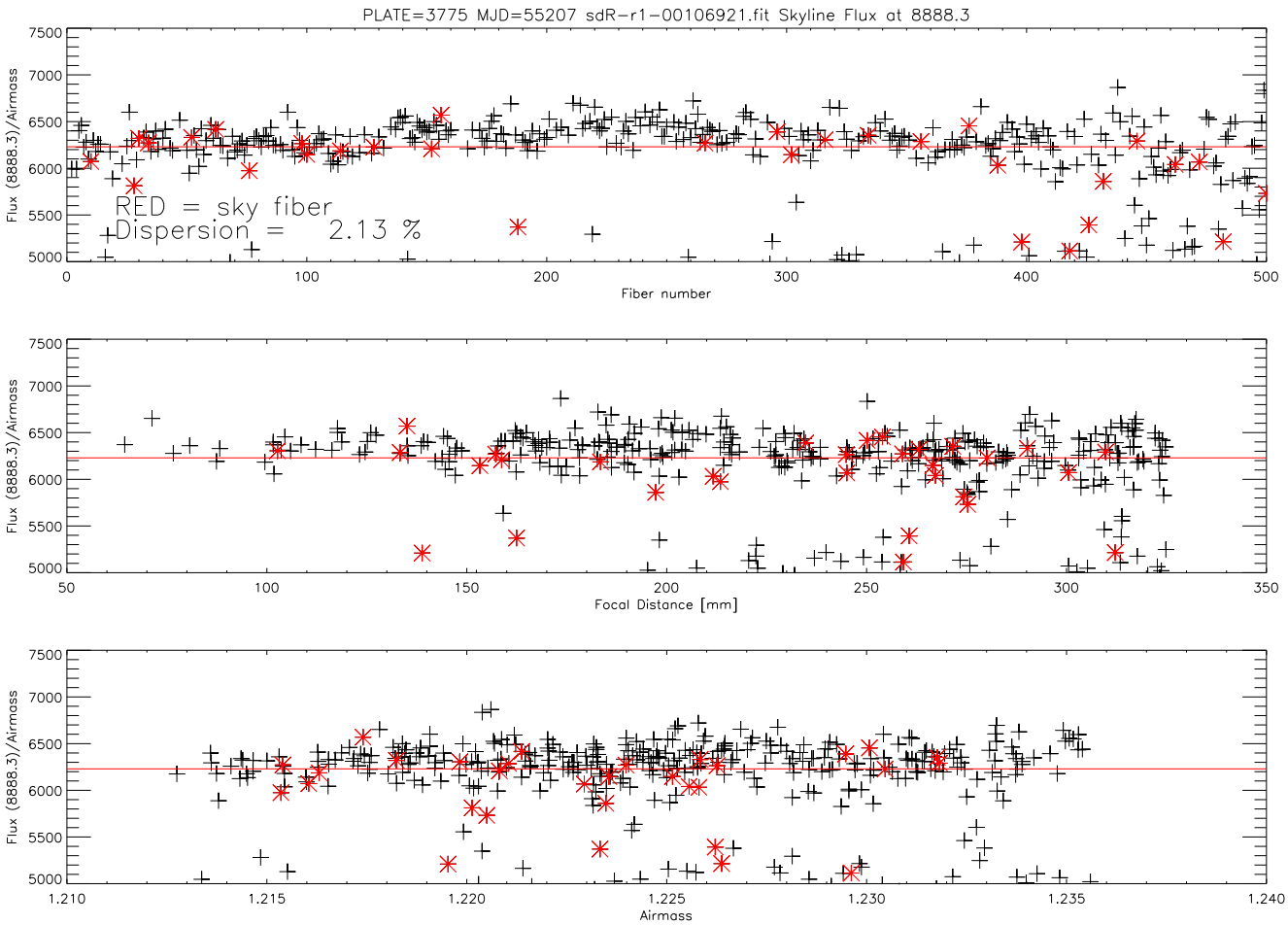

PLATE=3775 MJD=55207 sdR-r1-00106921.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

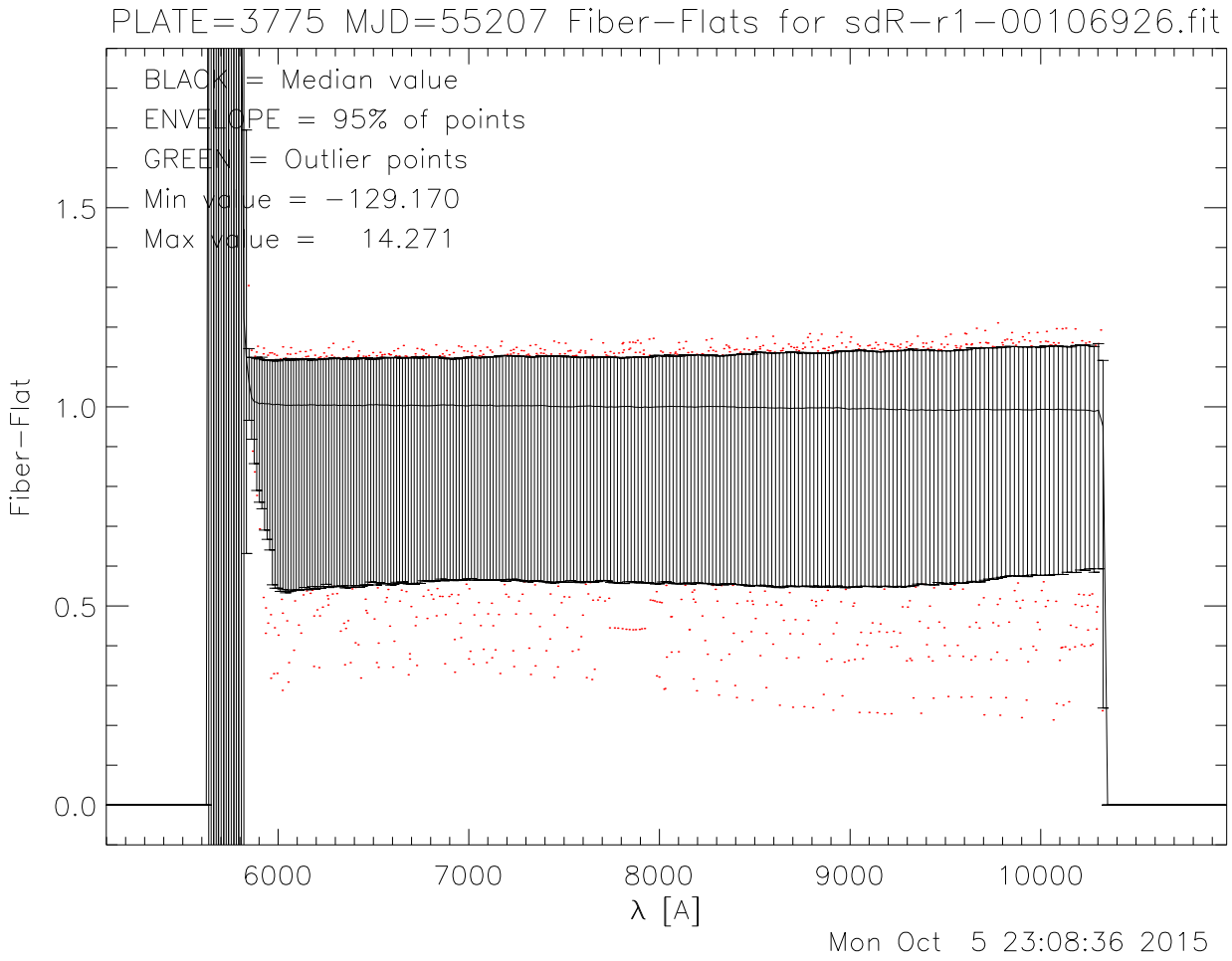

PLATE=3775 MJD=55207 sdR-r1-00106921.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
300
200
100
0
-100
-200
-300
8820
8840
8860
8880
8900
λ [A]

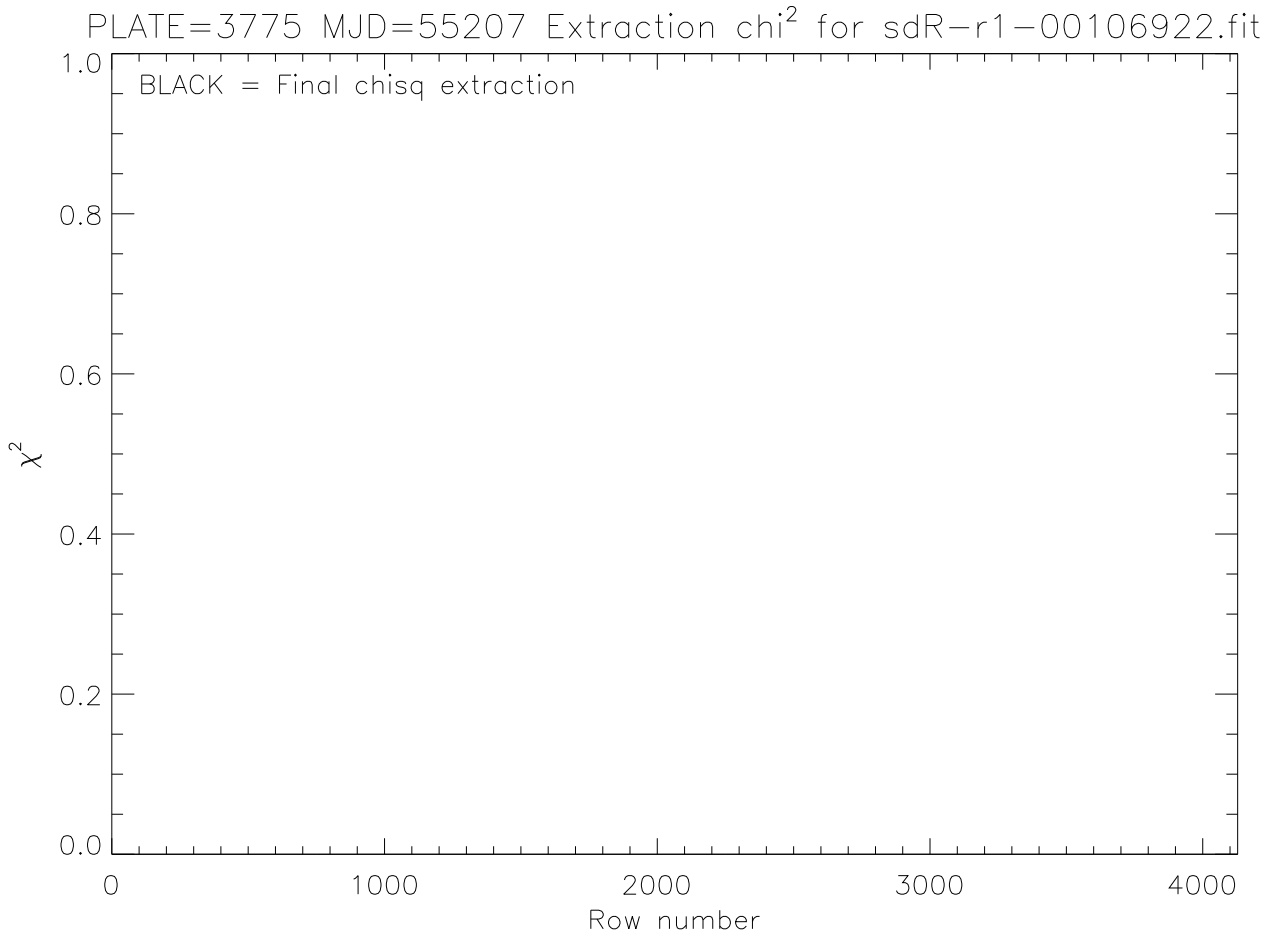
Number of sky fibers = 39

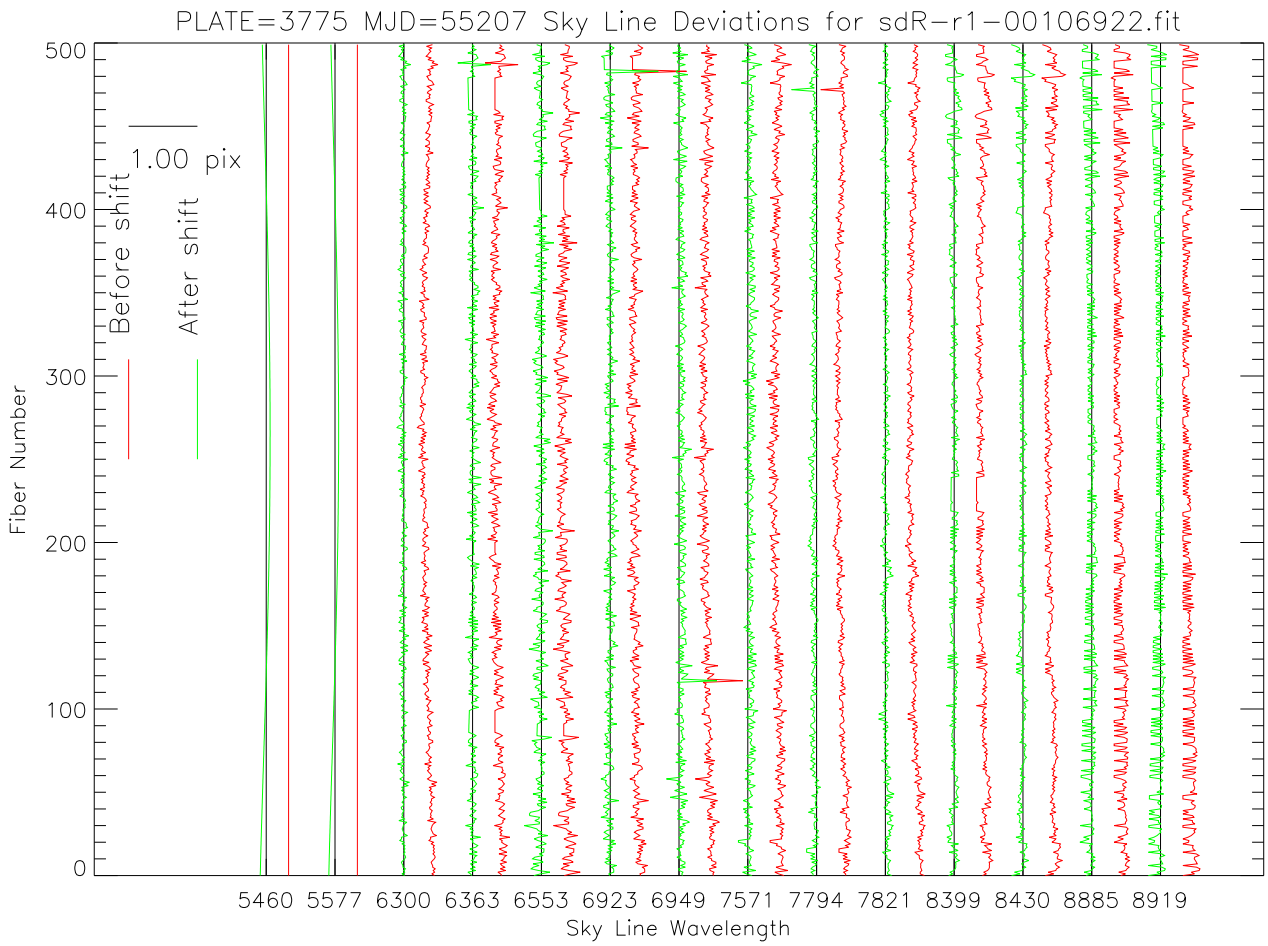


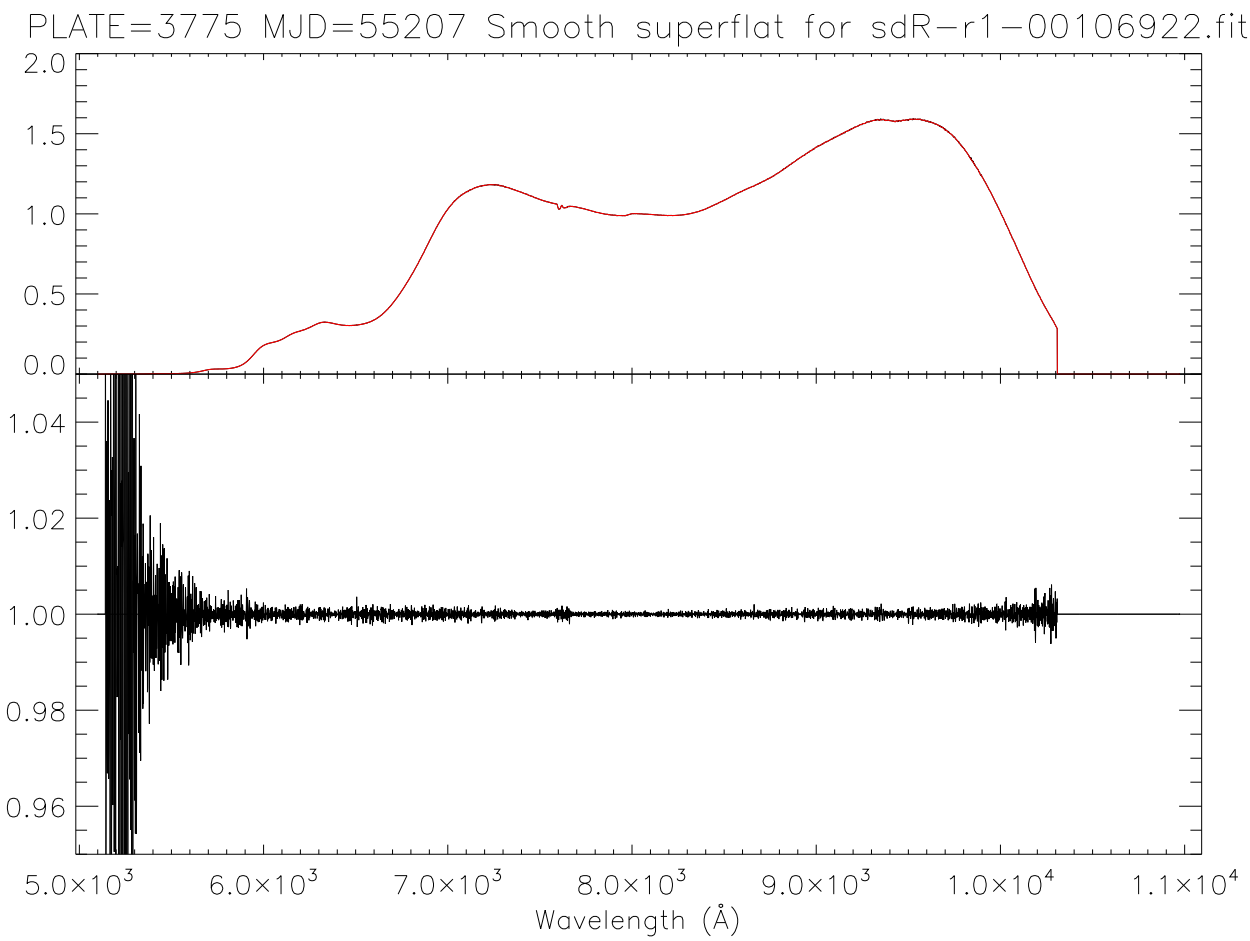

PLATE=3775 MJD=55207 sdR-r1-00106921.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
RED = sky fiber
Dispersion = 3.60 %
Fiber number
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

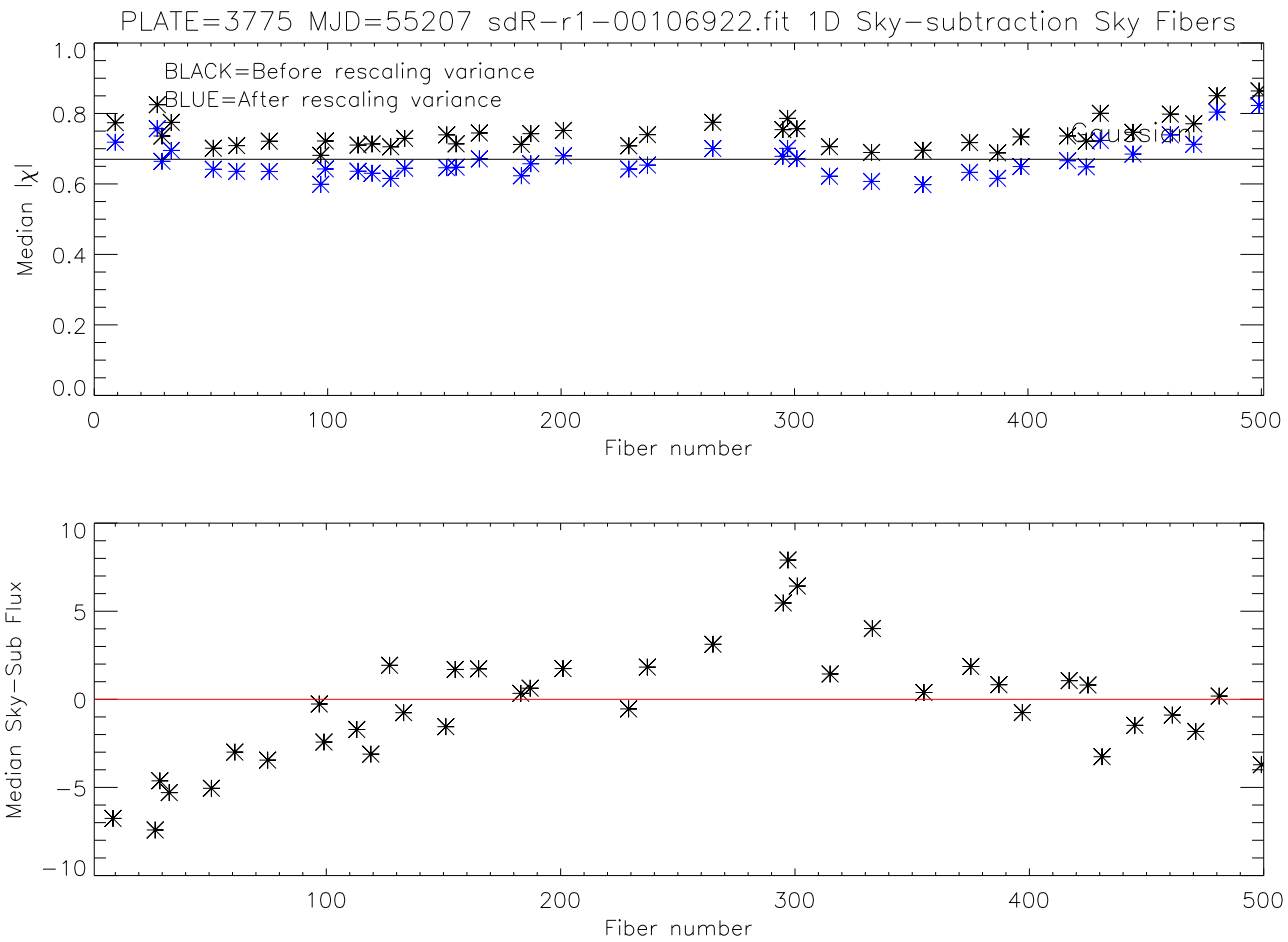

PLATE=3775 MJD=55207 sdR-r1-00106921.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
RED = sky fiber
Dispersion = 2.13 %
Fiber number
Focal Distance [mm]
Airmass


PLATE=3775 MJD=55207 Fiber−Flats for sdR−r1−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −129.170
Max value = 14.271
Fiber−Flat
1.5
1.0
0.5
0.0
6000
7000
8000
9000
10000
λ [A]
Mon Oct 5 23:08:36 2015

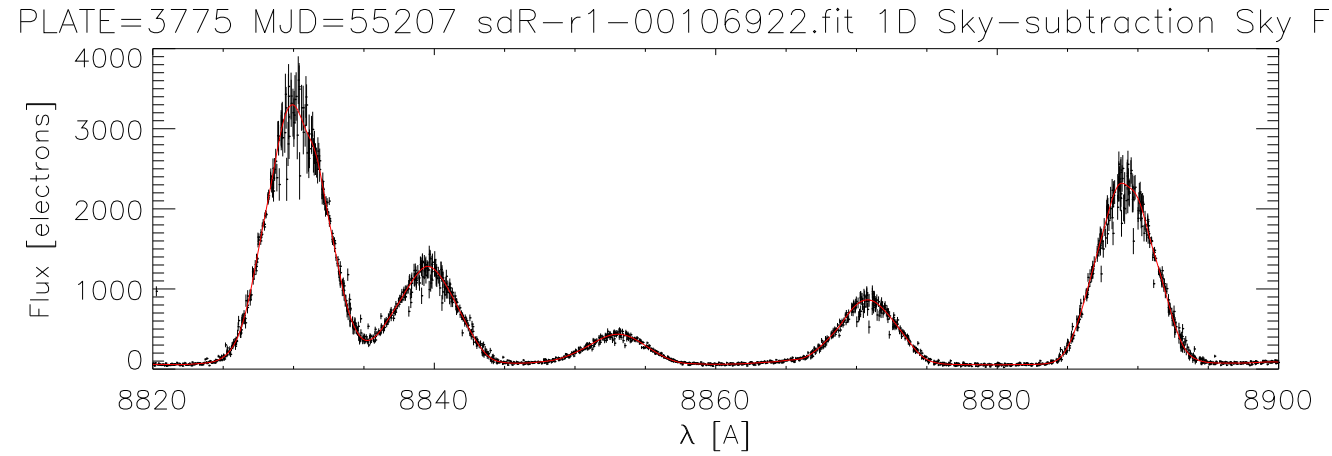

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r1−00106922.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

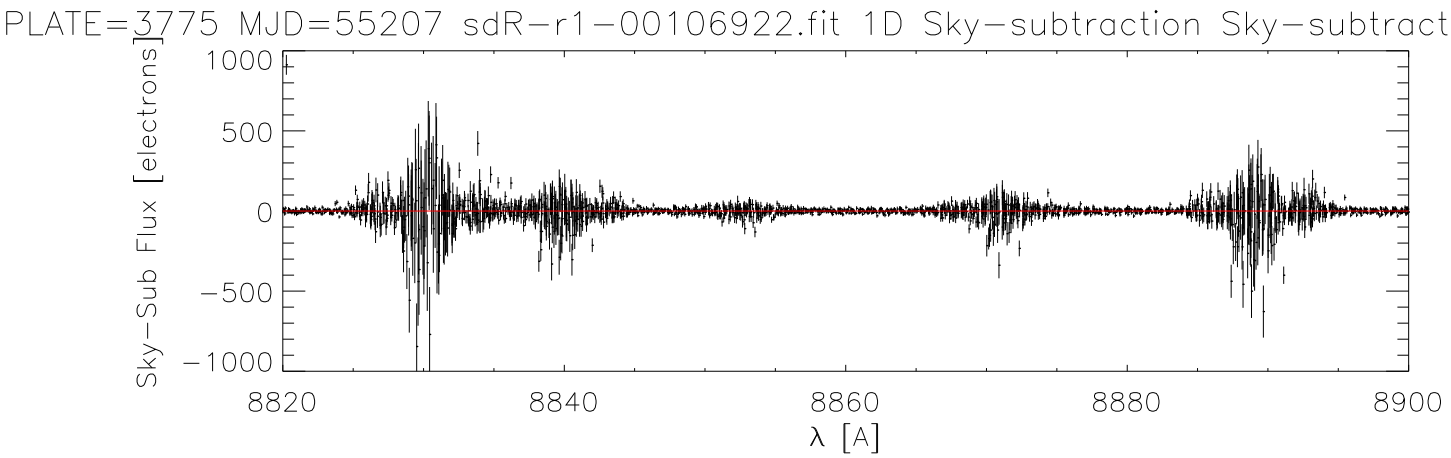

PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r1-00106922.fit
Before shift
After shift
1.00 pix
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength


PLATE=3775 MJD=55207 Smooth superflat for sdR-r1-00106922.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
5.0×10^3
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

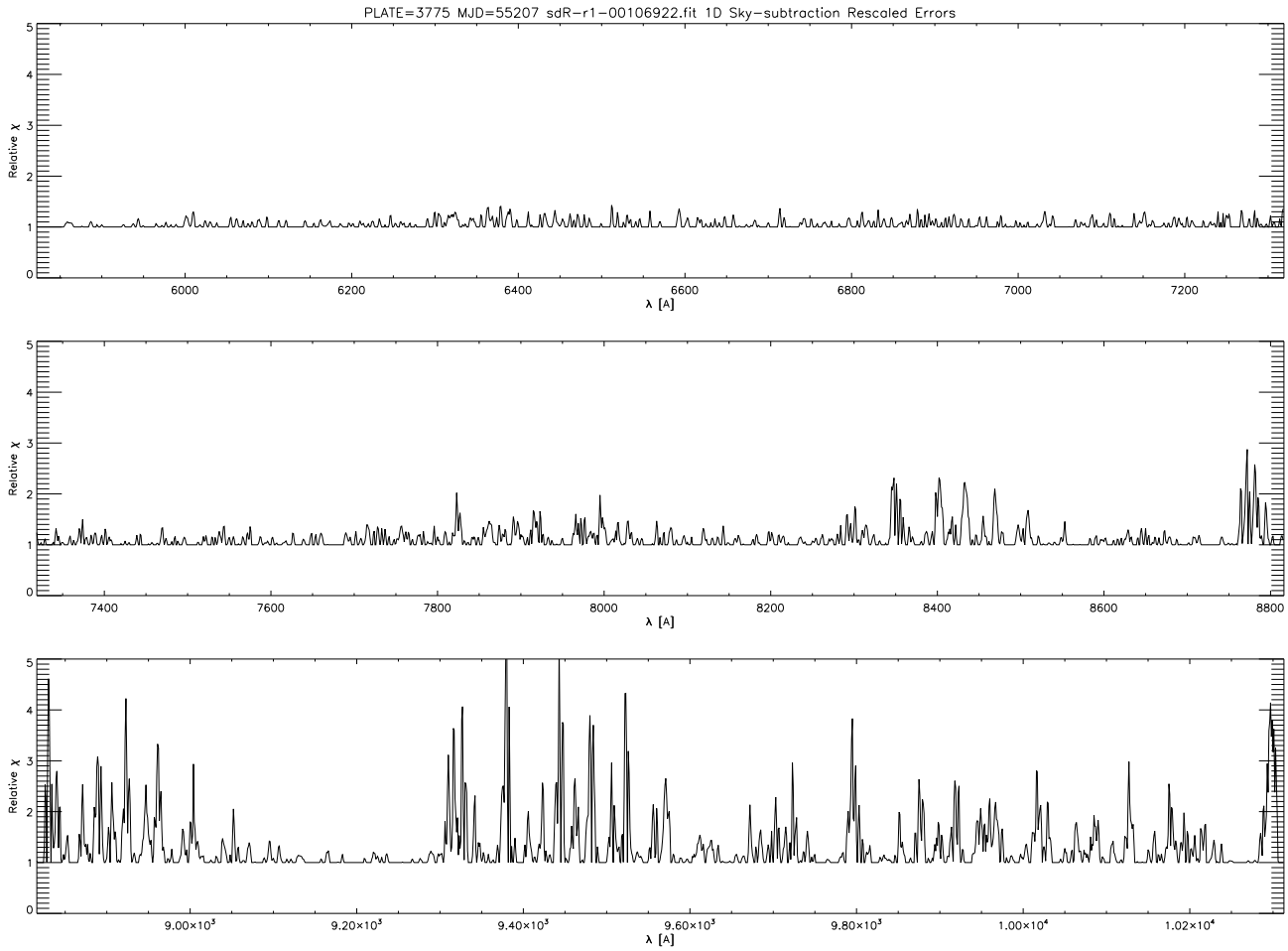

PLATE=3775 MJD=55207 sdR-r1-00106922.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Median |χ|
Fiber number
1.0
0.8
0.6
0.4
0.2
0.0
0
100
200
300
400
500

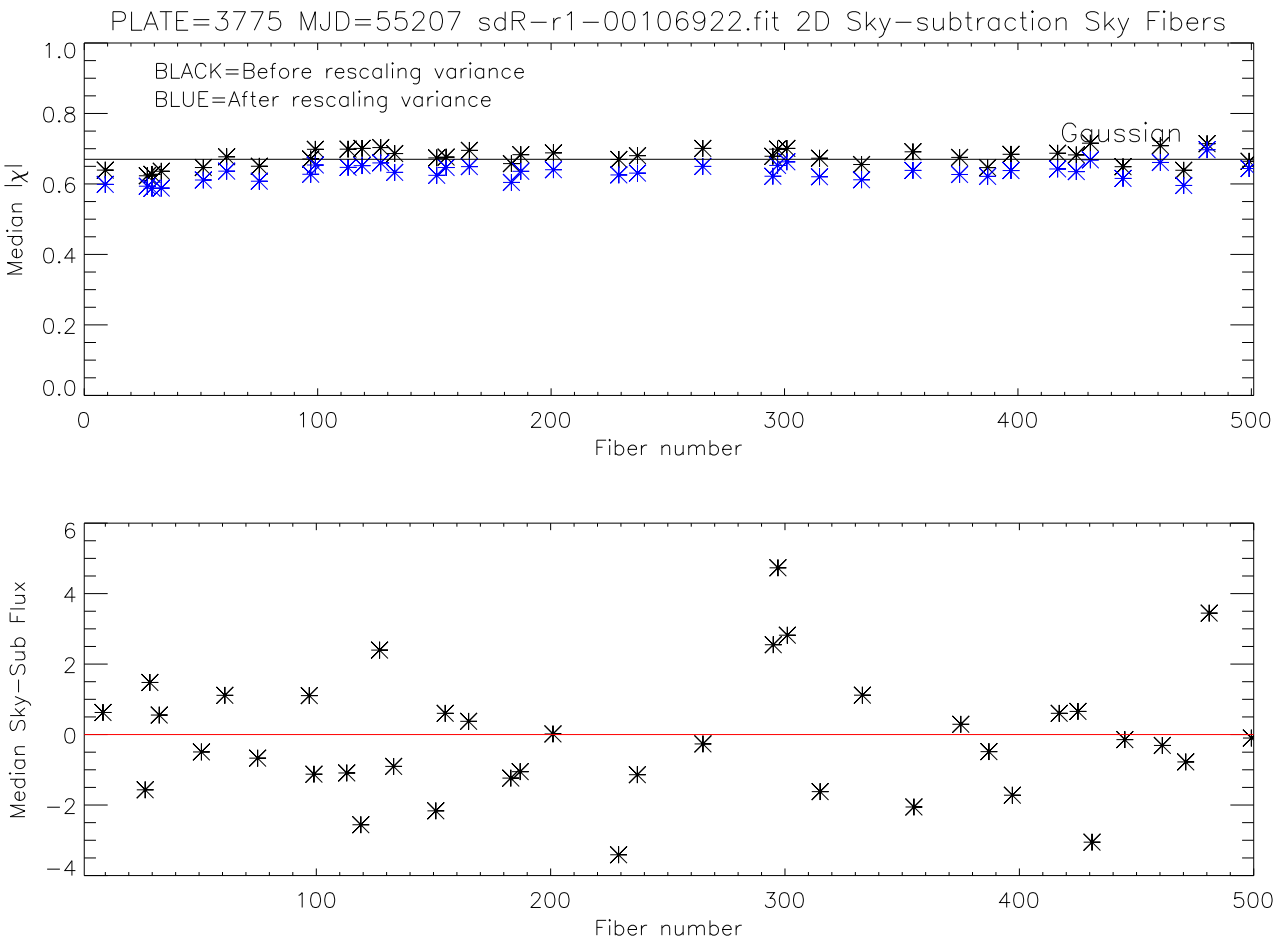
Median Sky-Sub Flux
Fiber number
10
5
0
−5
−10
100
200
300
400
500

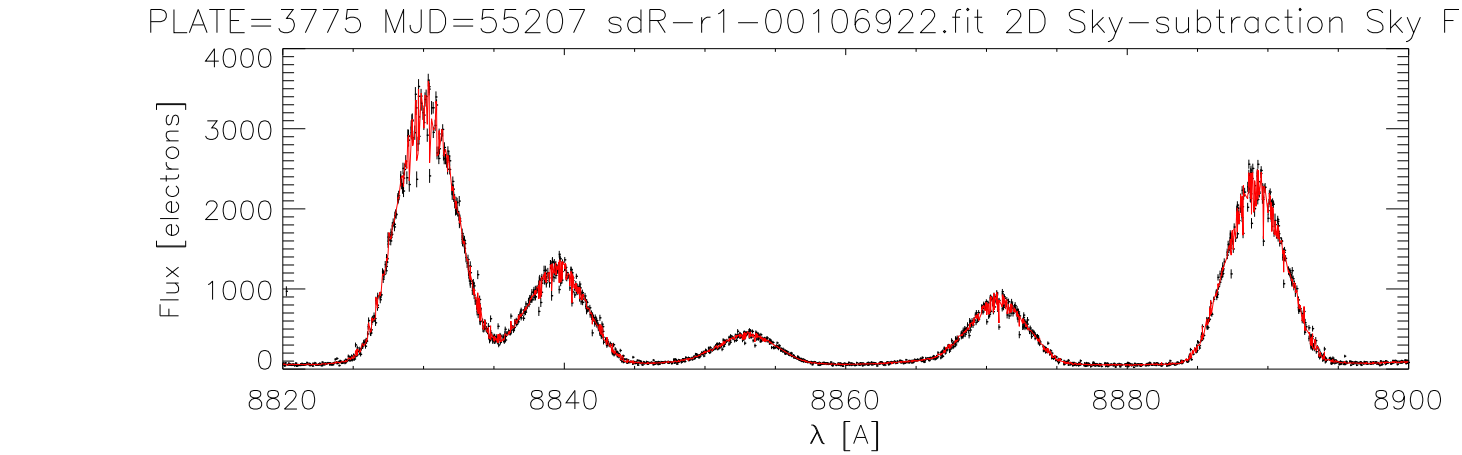

PLATE=3775 MJD=55207 sdR-r1-00106922.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

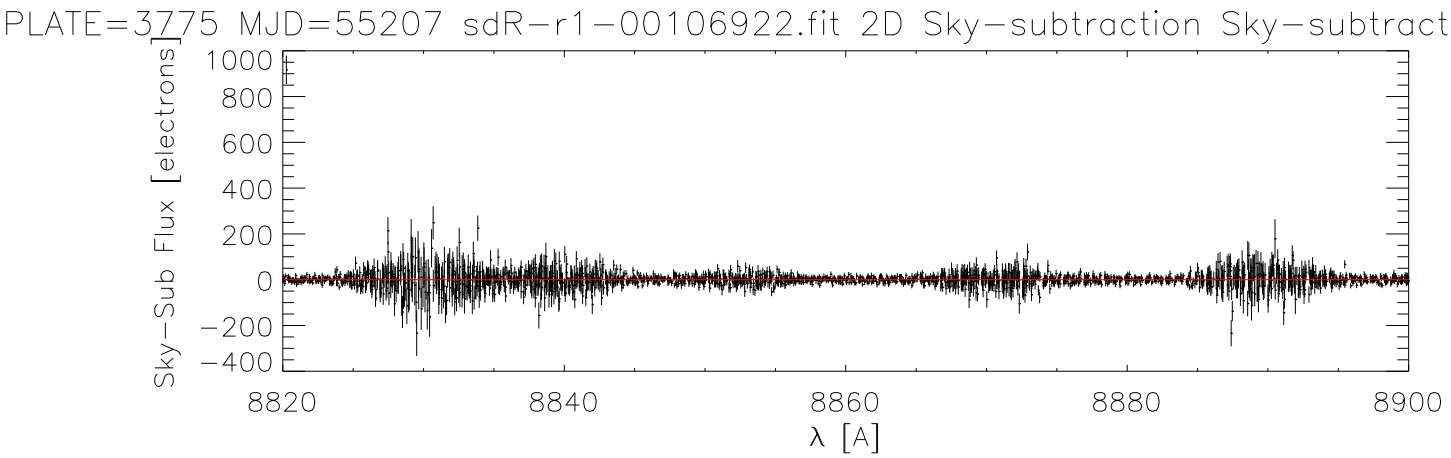

PLATE=3775 MJD=55207 sdR-r1-00106922.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
1000
500
0
-500
-1000
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 39

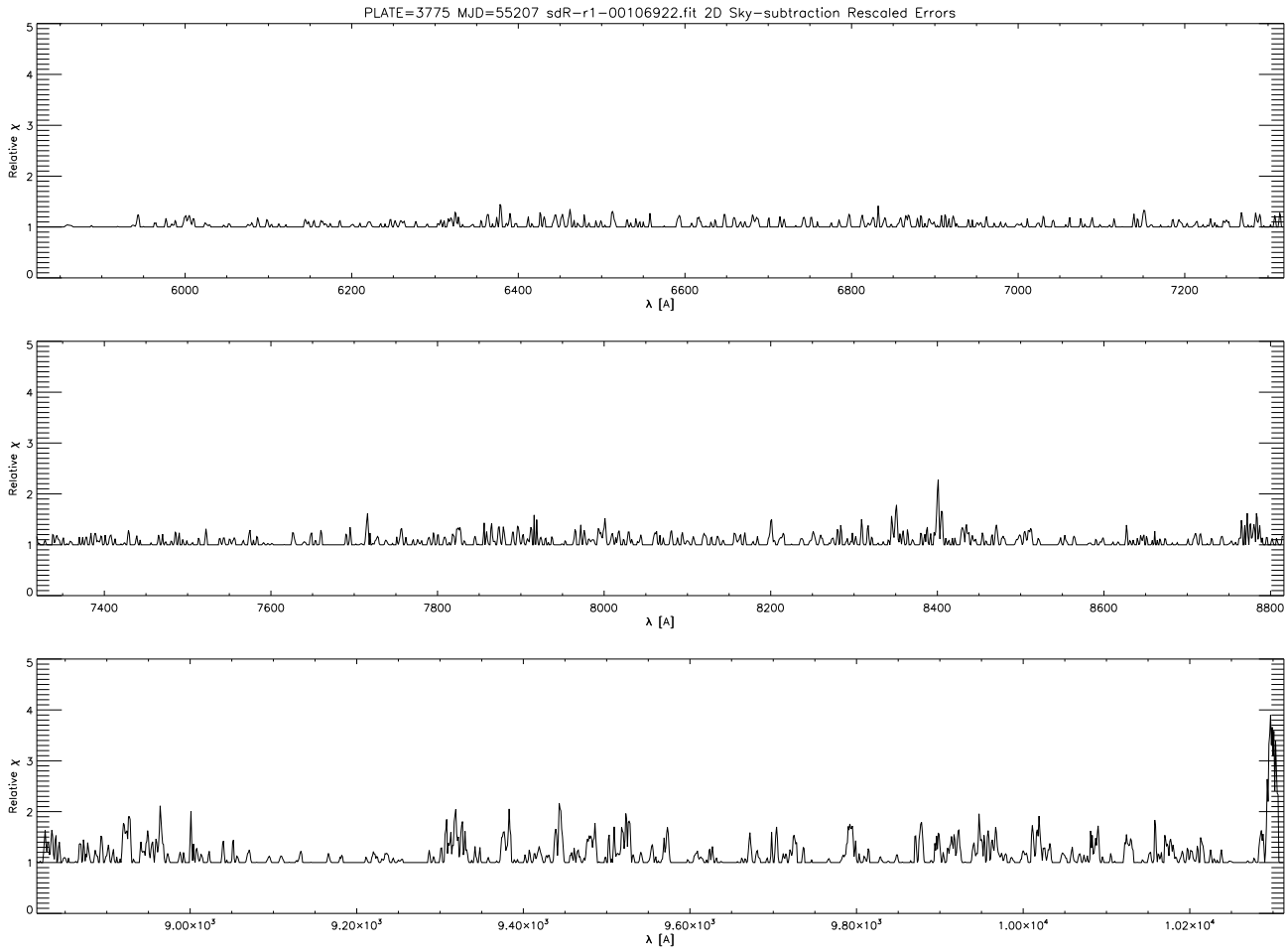


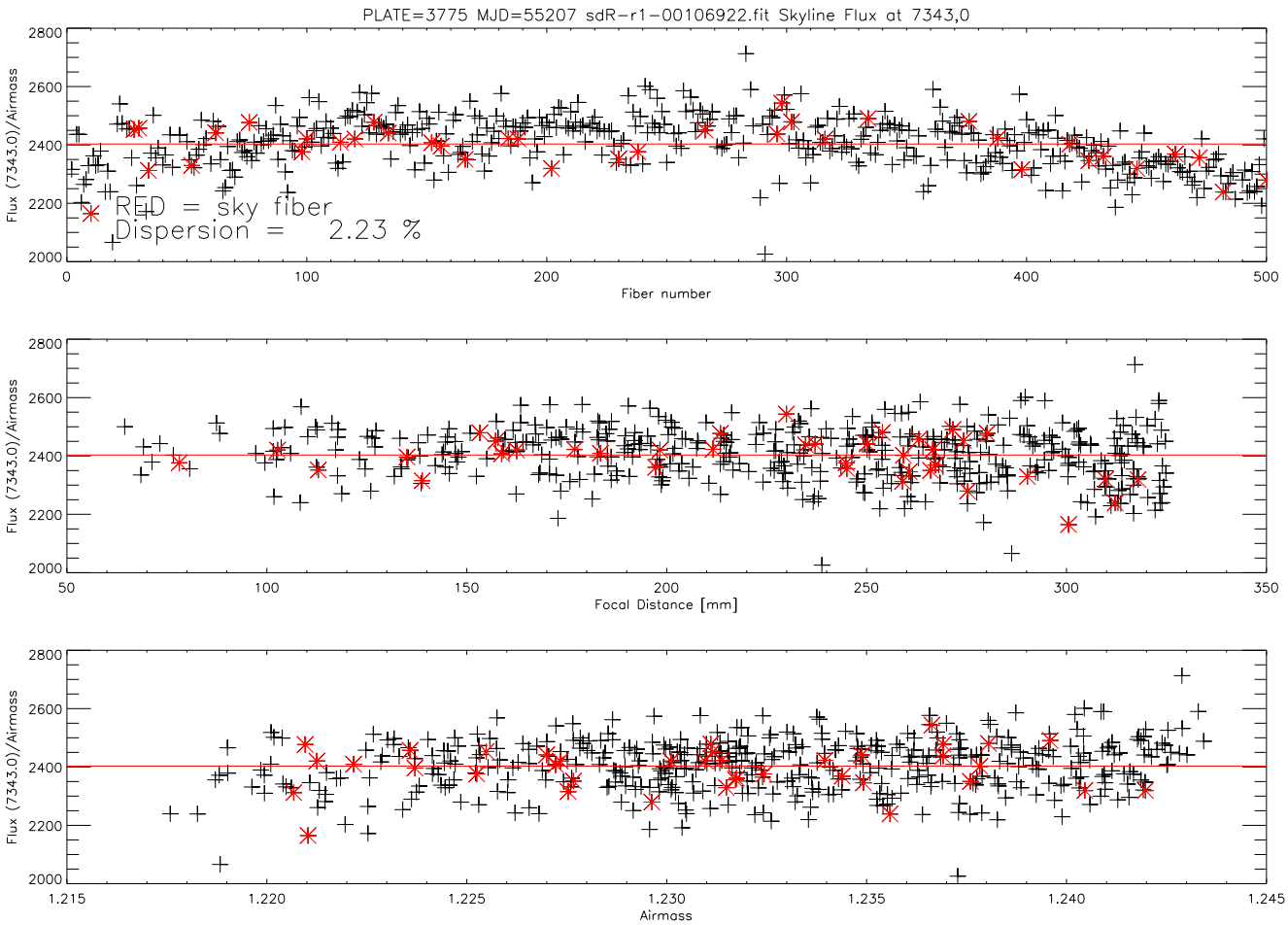

PLATE=3775 MJD=55207 sdR-r1-00106922.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

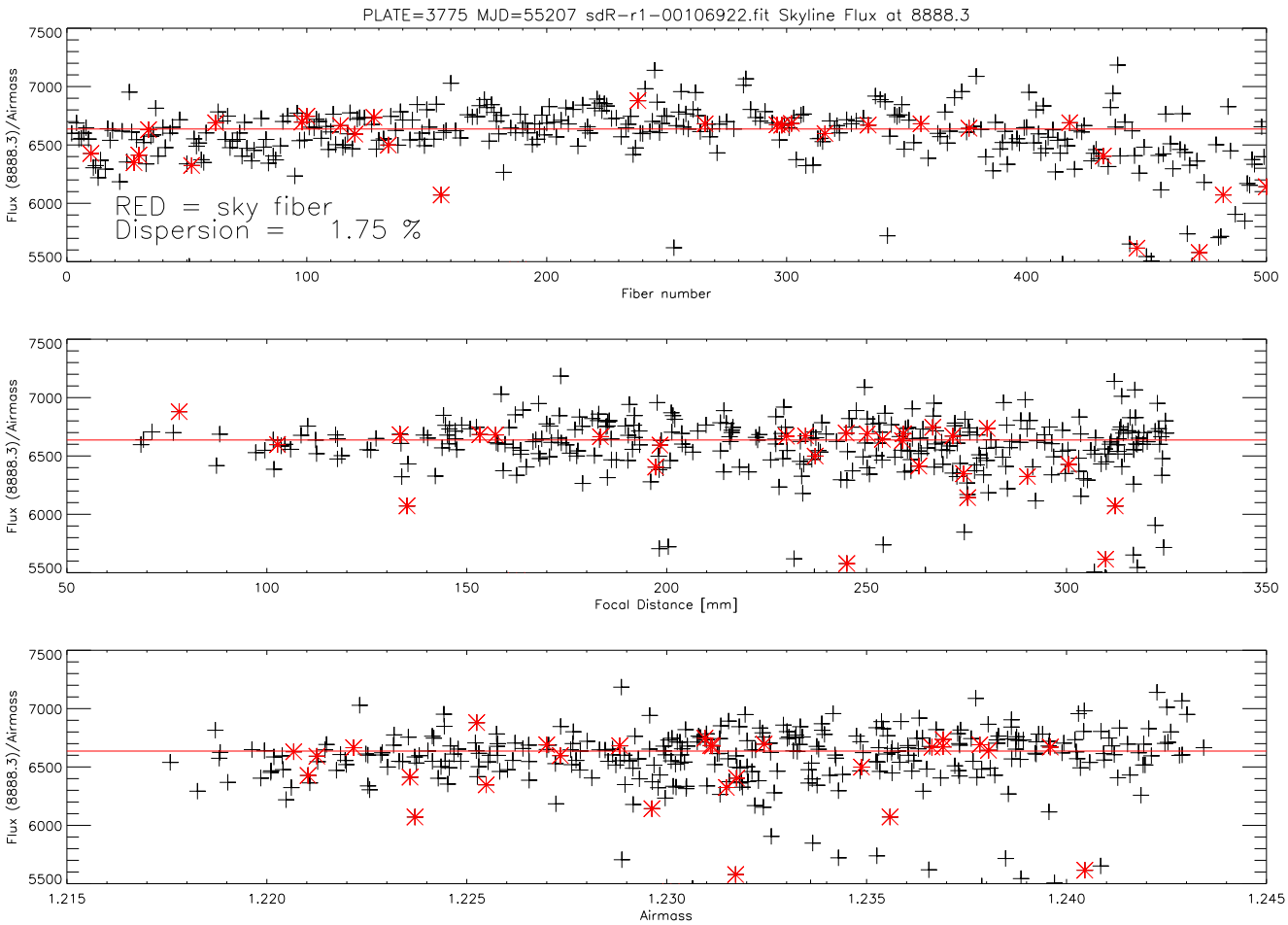

PLATE=3775 MJD=55207 sdR-r1-00106922.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

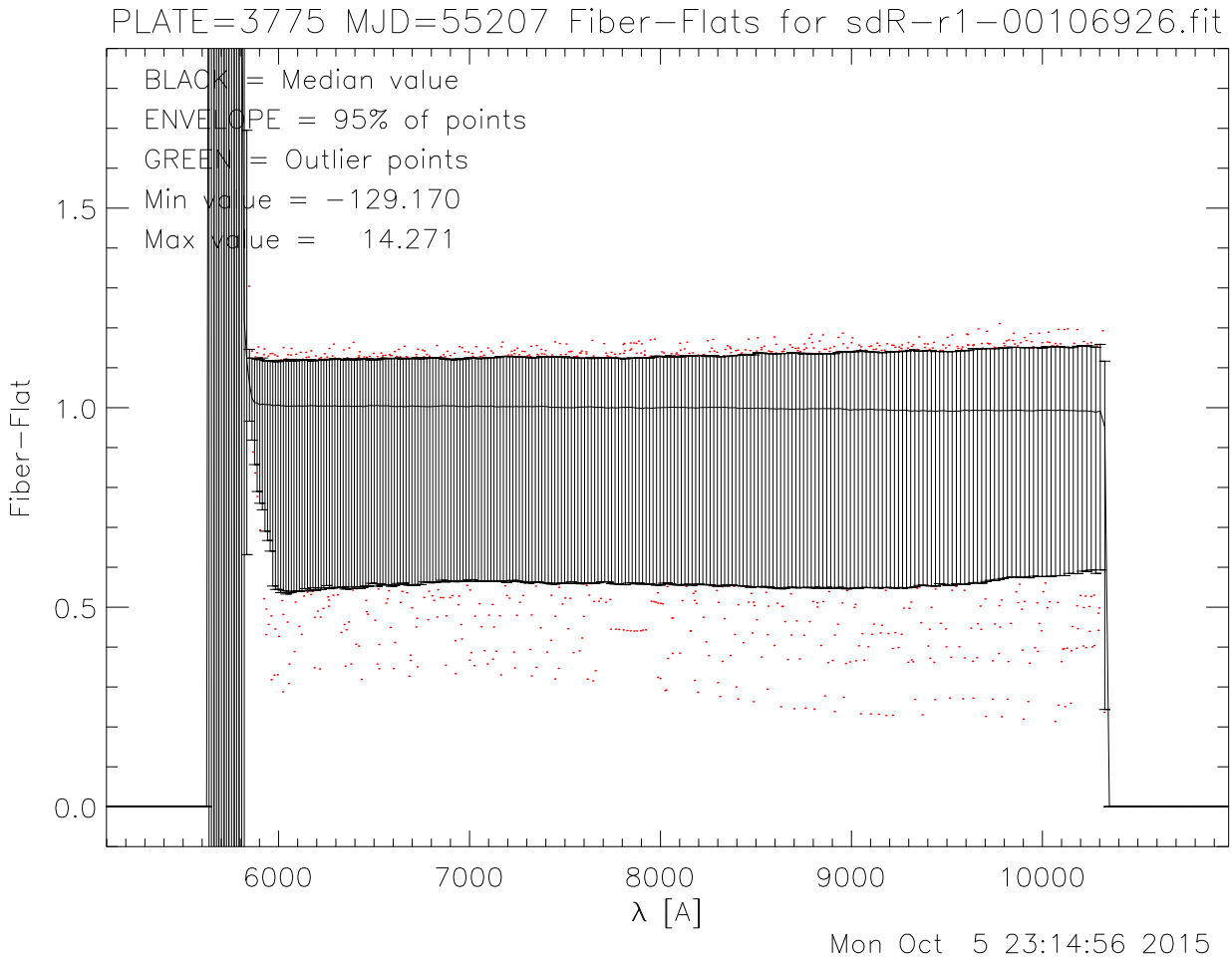

PLATE=3775 MJD=55207 sdR-r1-00106922.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
1000
800
600
400
200
0
-200
-400
8820
8840
8860
8880
8900
λ [A]

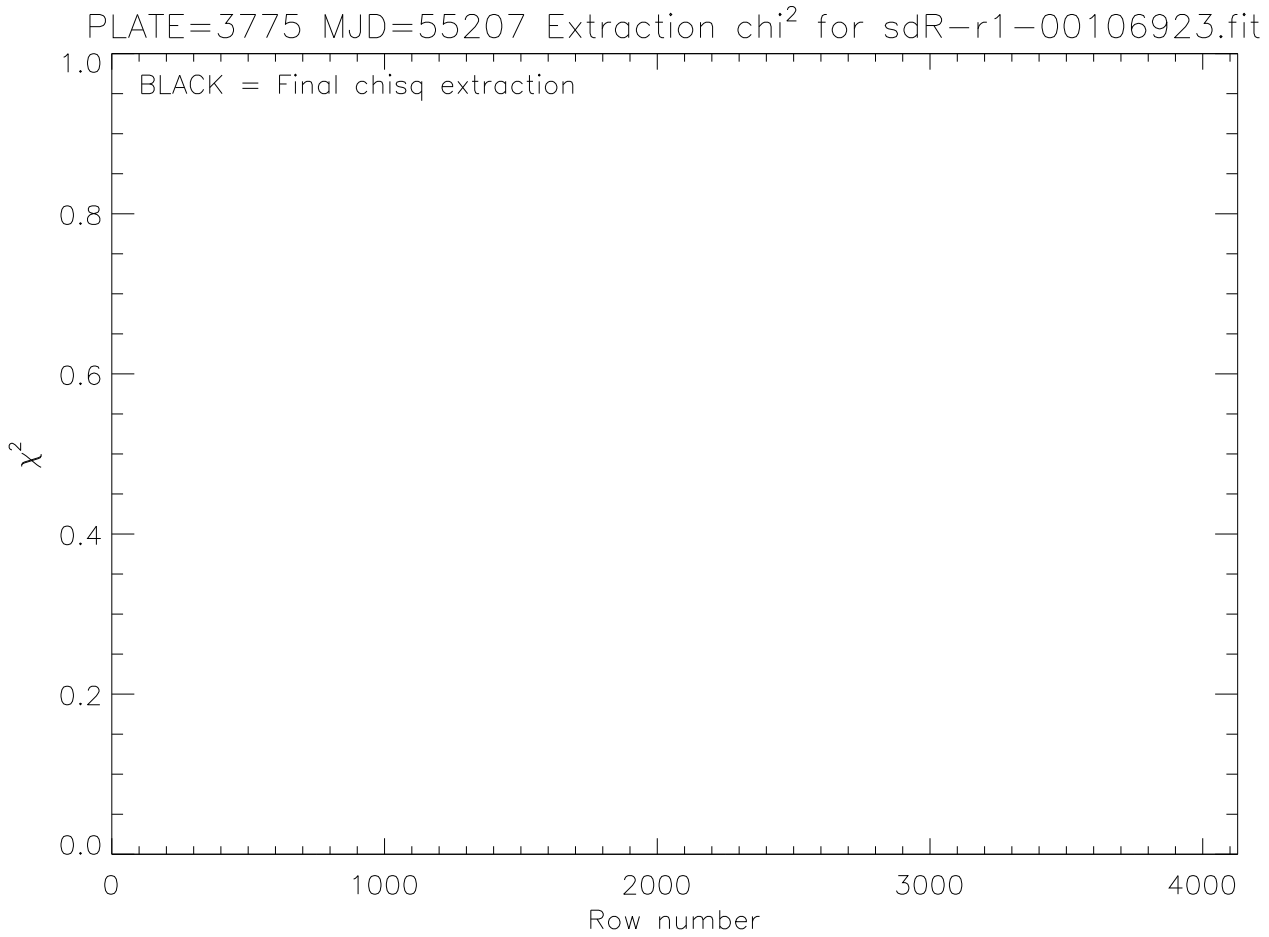
Number of sky fibers = 39

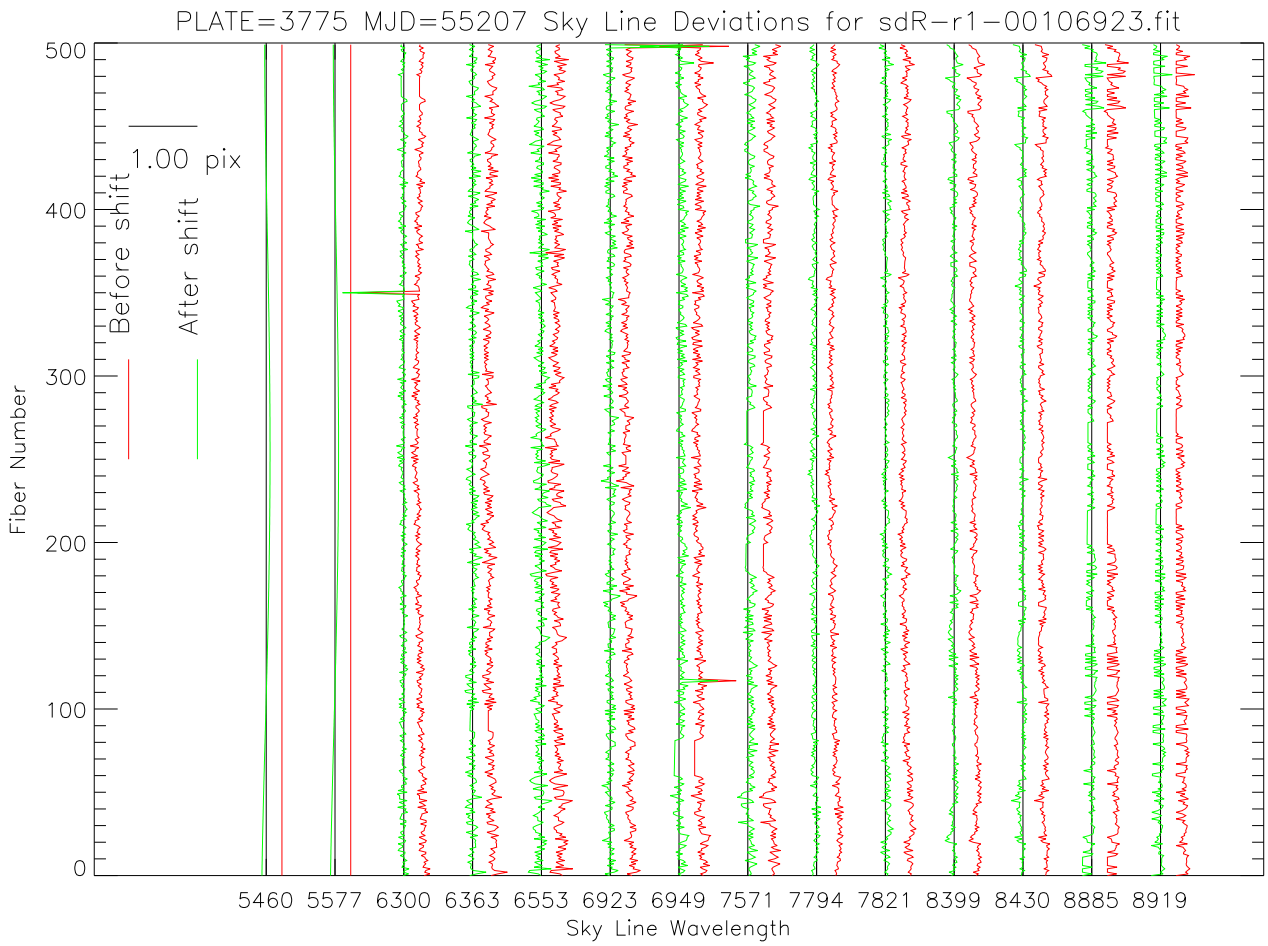


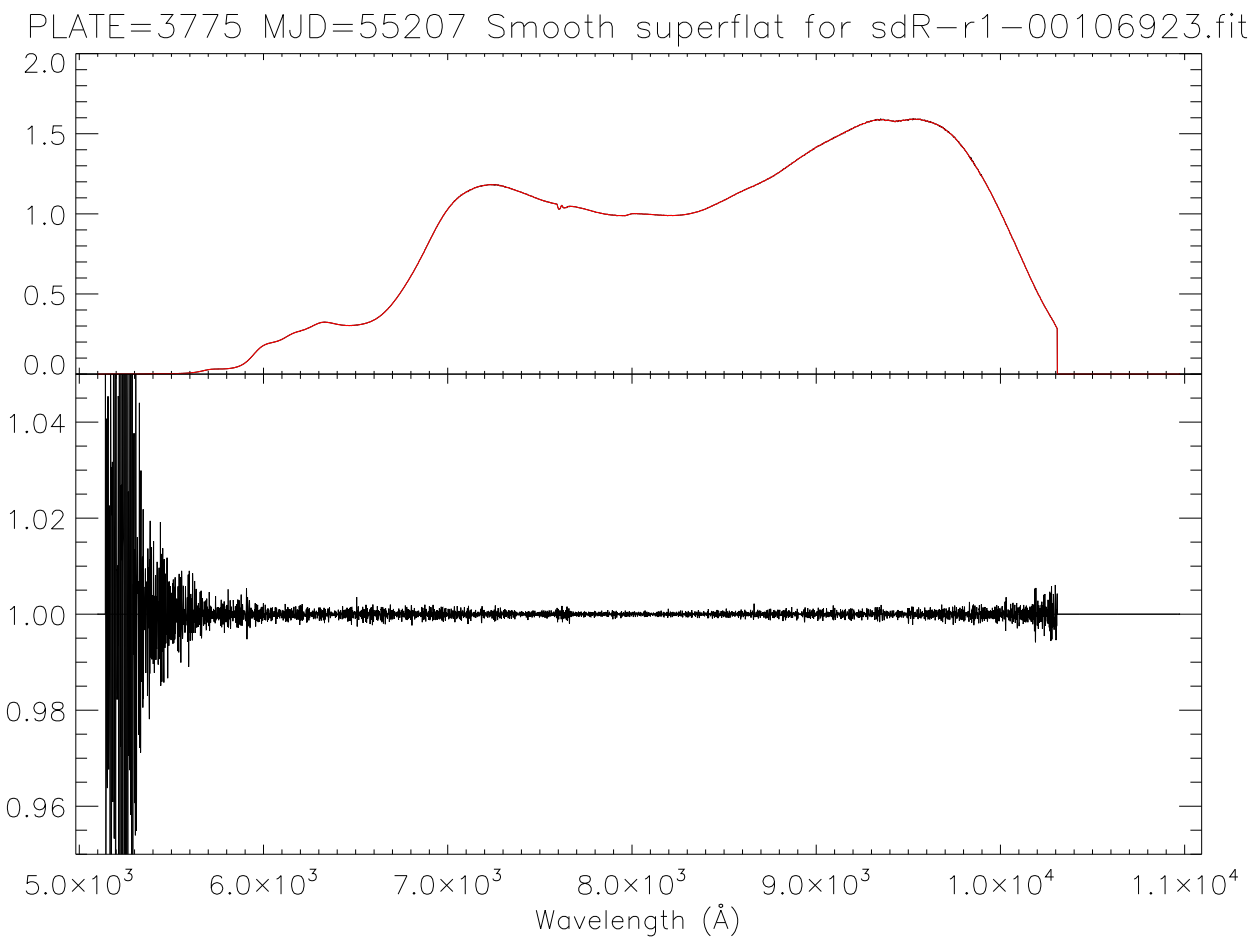

PLATE=3775 MJD=55207 sdR-r1-00106922.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
RED = sky fiber
Dispersion = 2.23 %
Fiber number
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

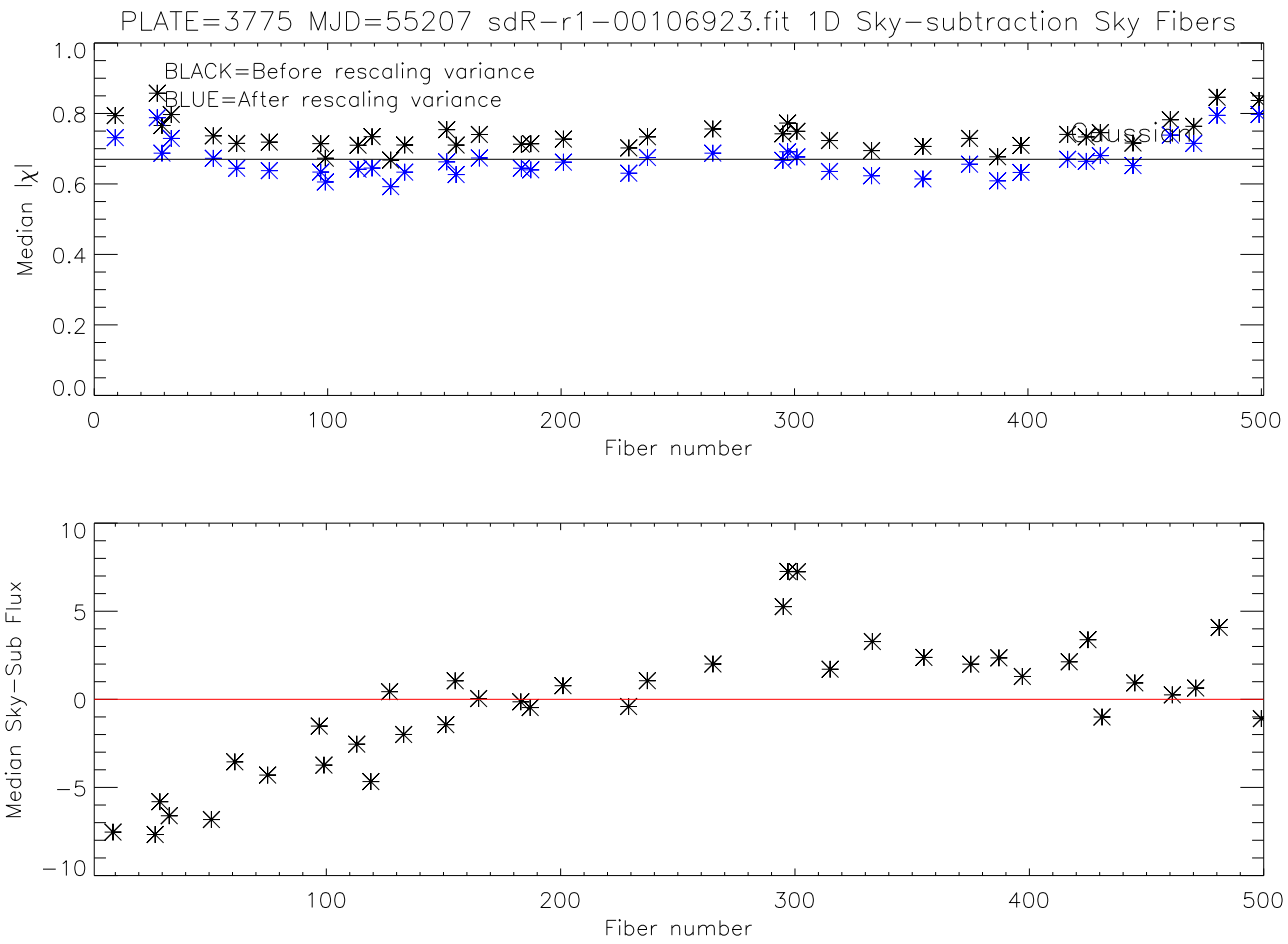

PLATE=3775 MJD=55207 sdR-r1-00106922.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
RED = sky fiber
Dispersion = 1.75 %
Fiber number
Focal Distance [mm]
Airmass

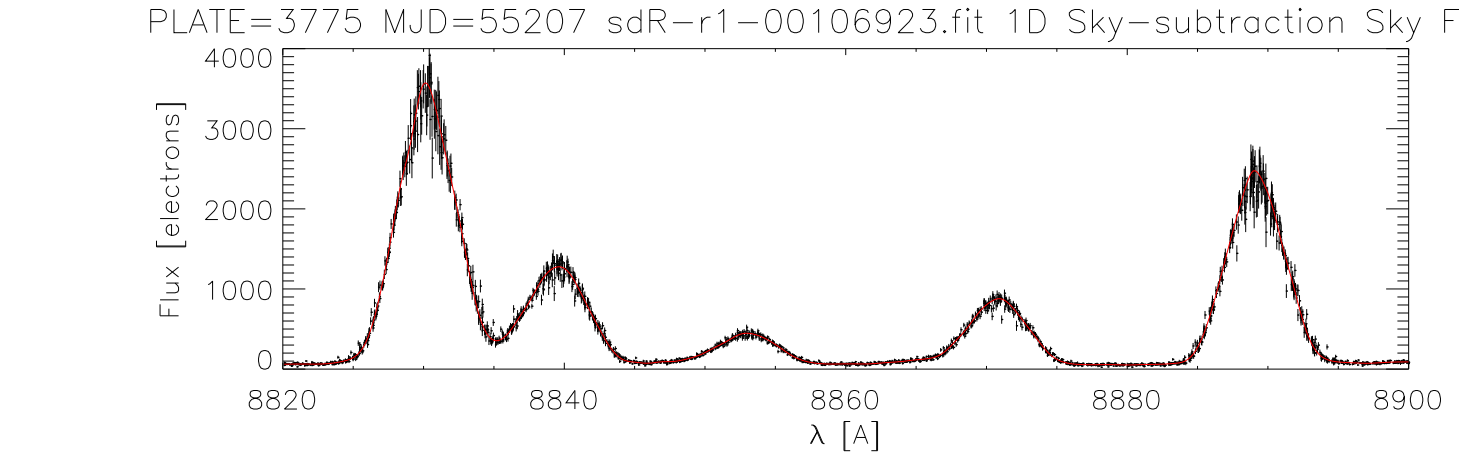

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r1−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −129.170
Max value = 14.271
Fiber−Flat
1.5
1.0
0.5
0.0
6000
7000
8000
9000
10000
λ [A]
Mon Oct 5 23:14:56 2015

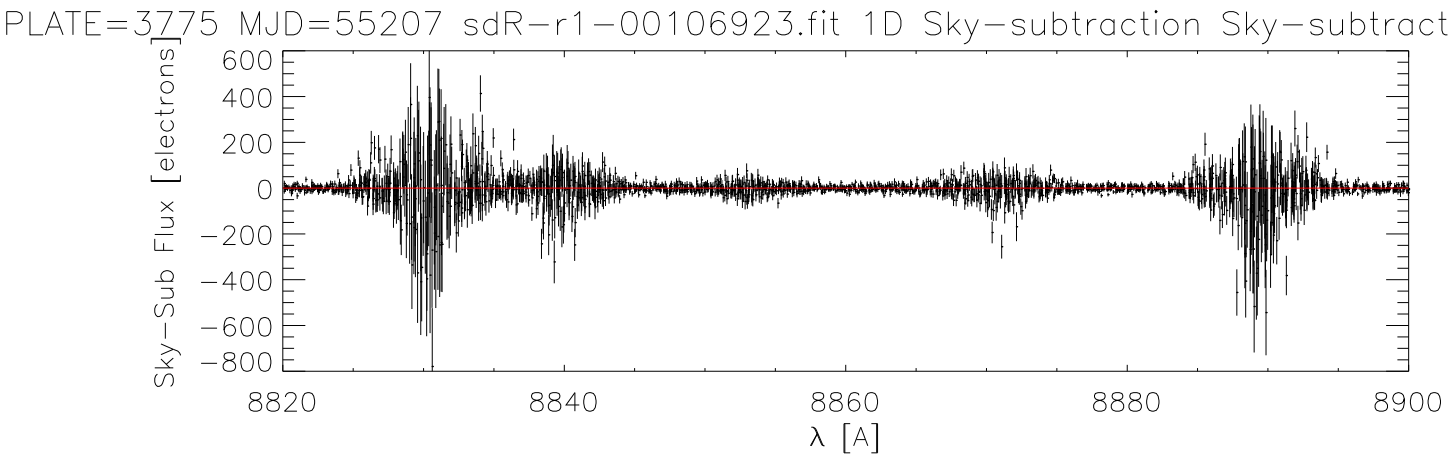

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r1−00106923.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r1-00106923.fit
Before shift
After shift
1.00 pix
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength

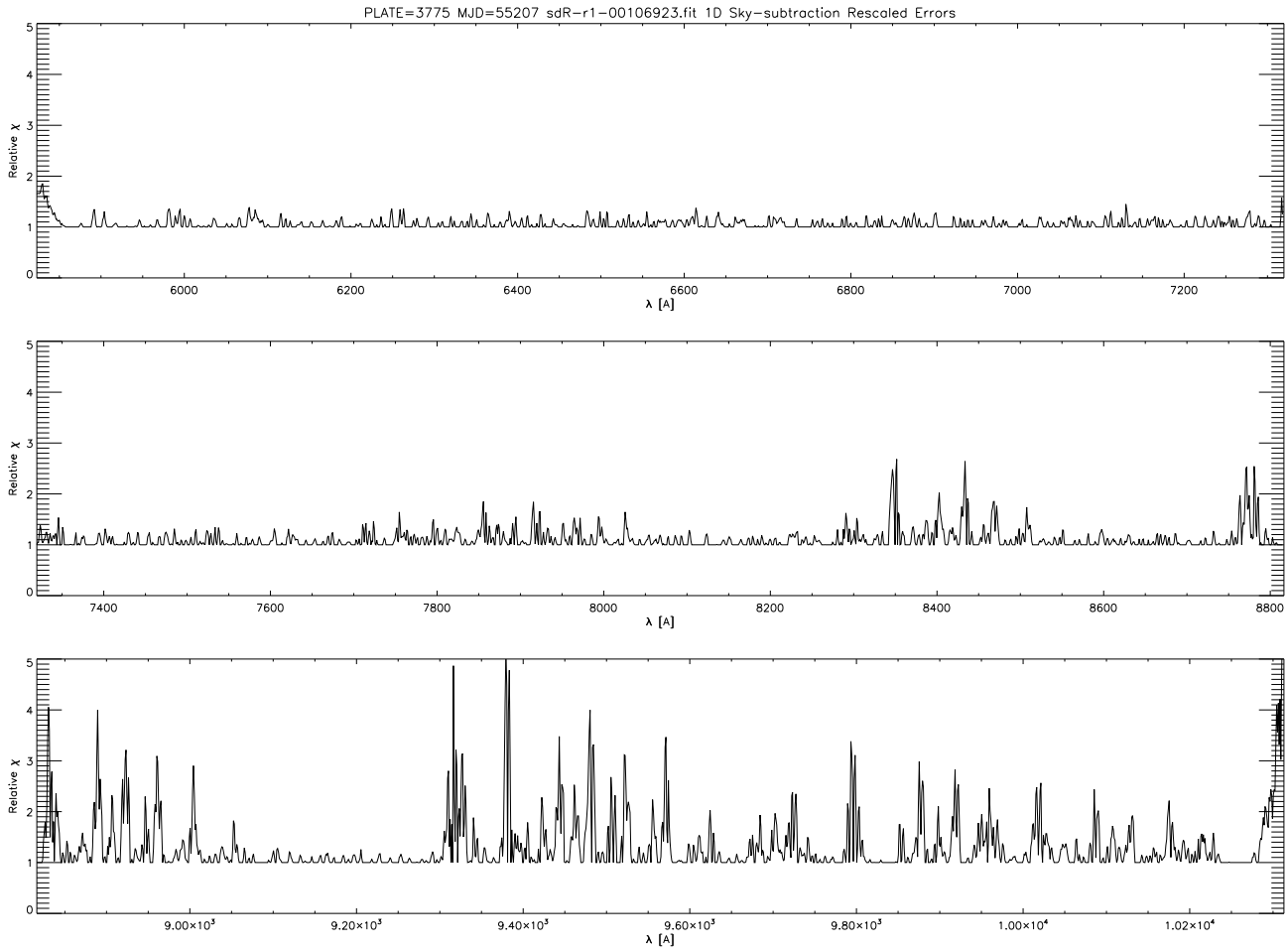

PLATE=3775 MJD=55207 Smooth superflat for sdR-r1-00106923.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
5.0×10^3
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

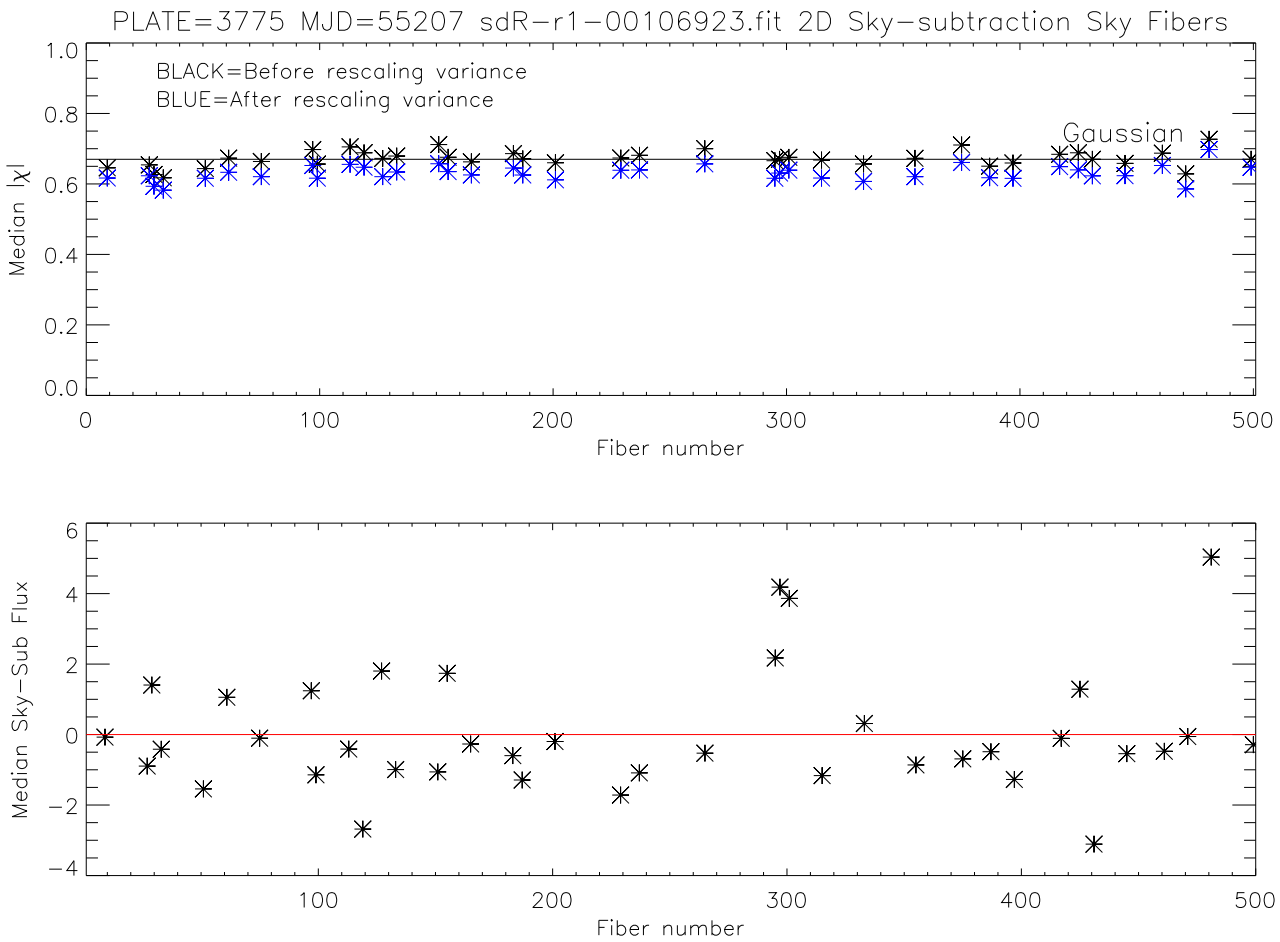

PLATE=3775 MJD=55207 sdR-r1-00106923.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

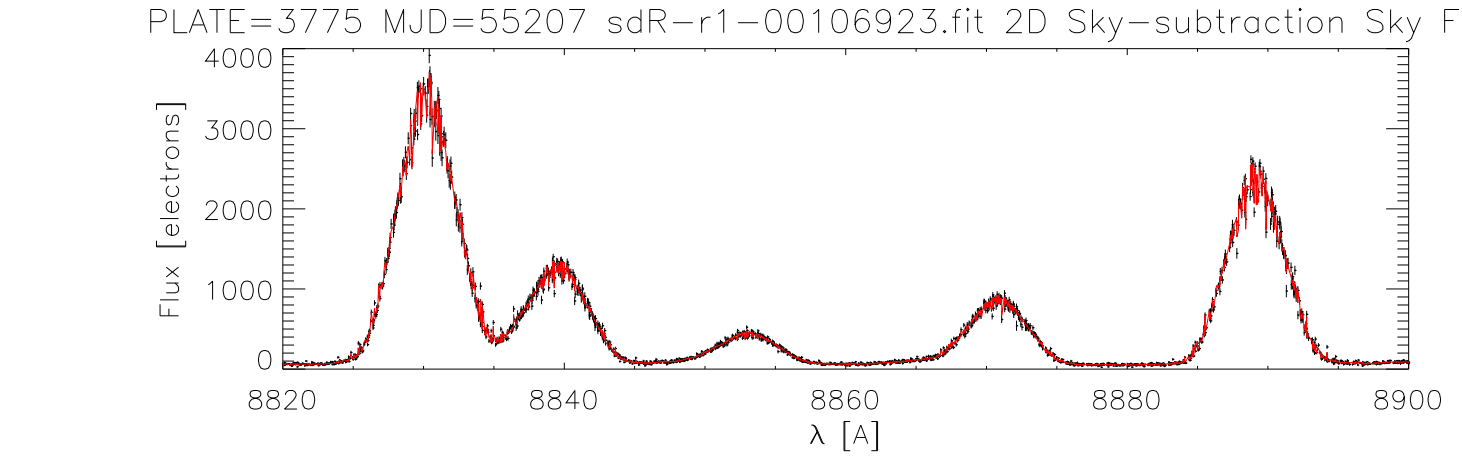

PLATE=3775 MJD=55207 sdR-r1-00106923.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

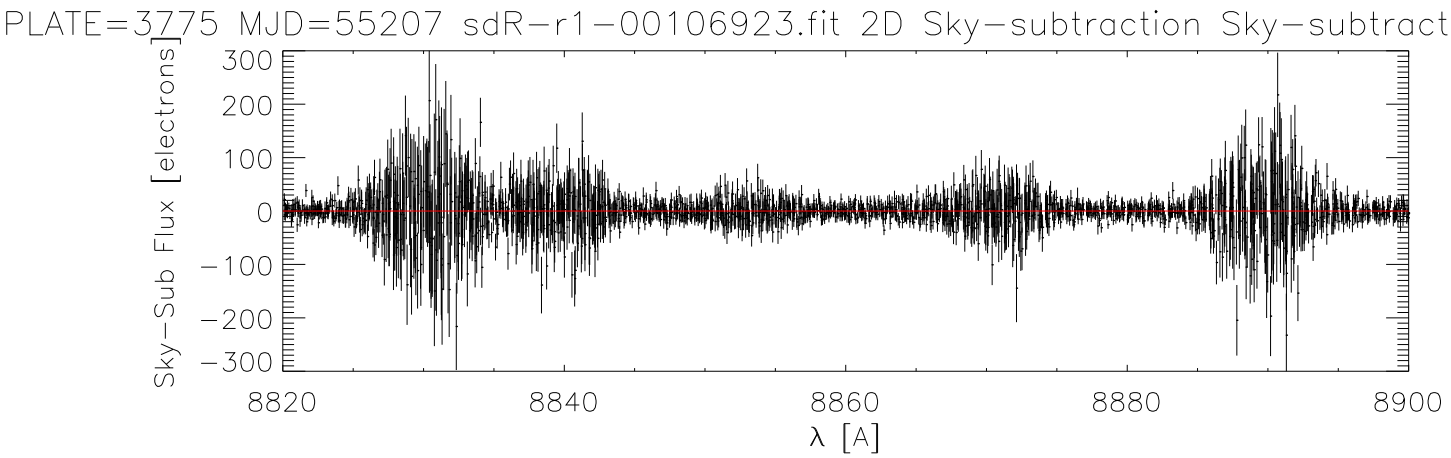

PLATE=3775 MJD=55207 sdR-r1-00106923.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
600
400
200
0
-200
-400
-600
-800
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 39

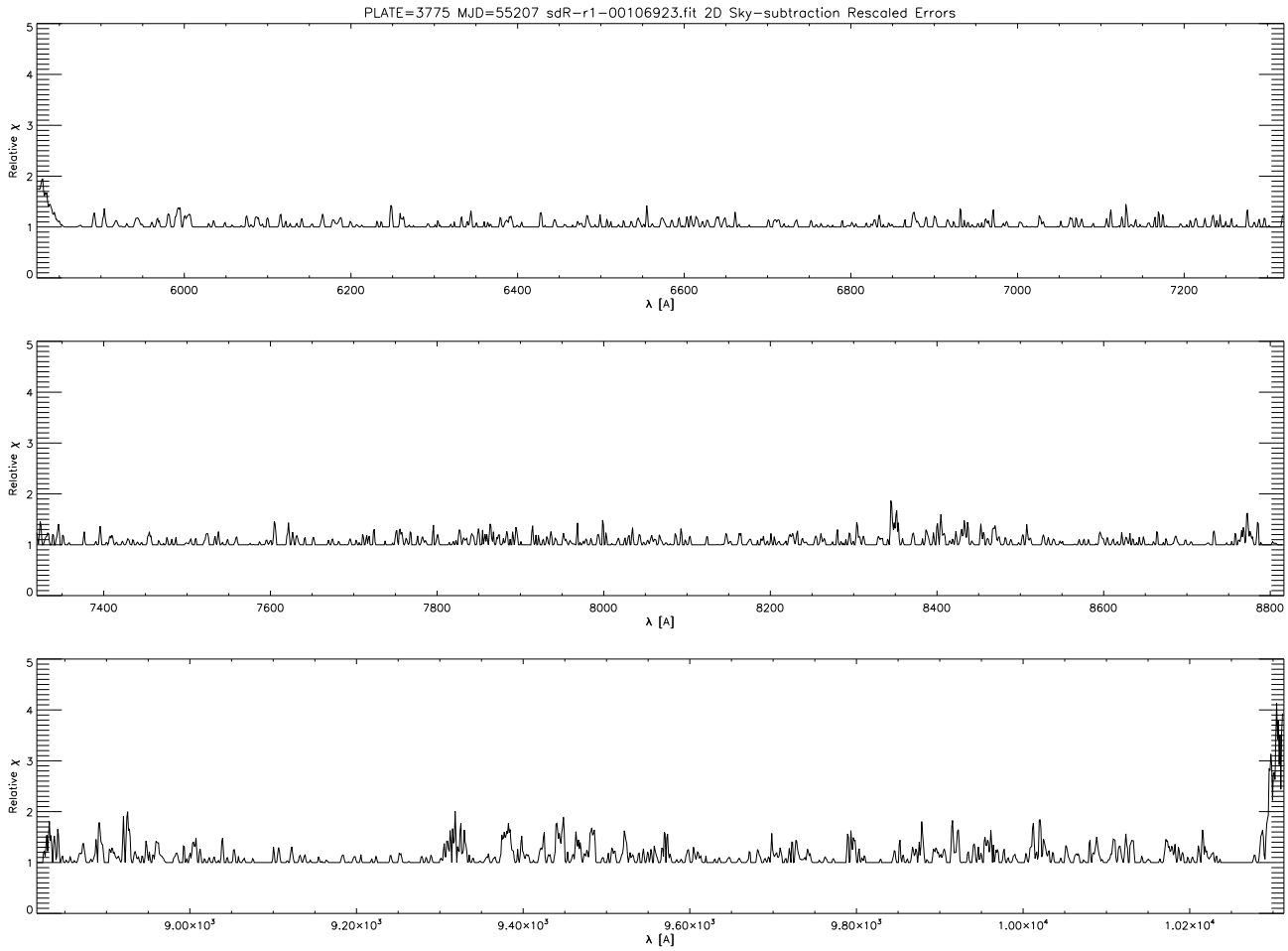


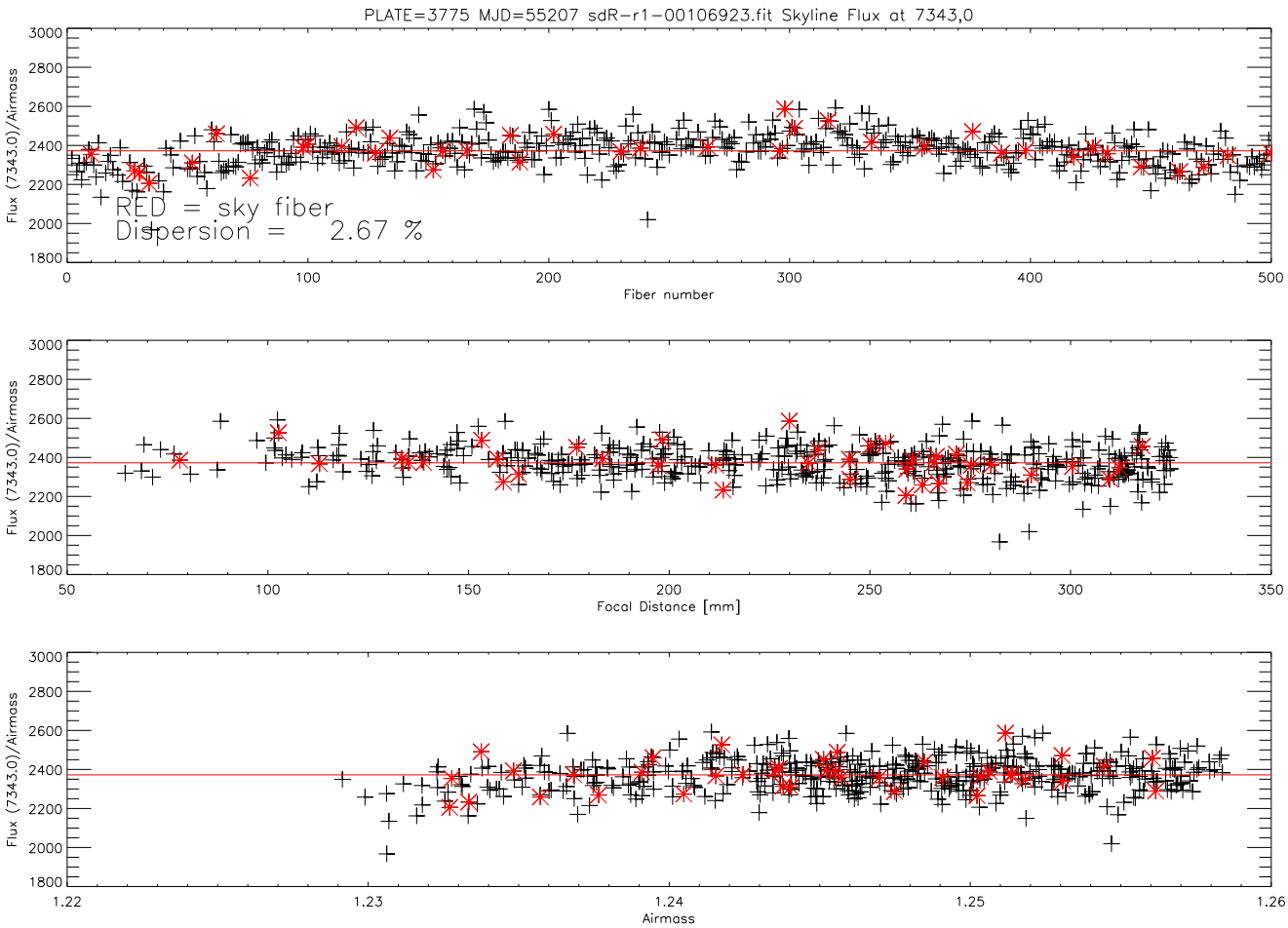

PLATE=3775 MJD=55207 sdR-r1-00106923.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

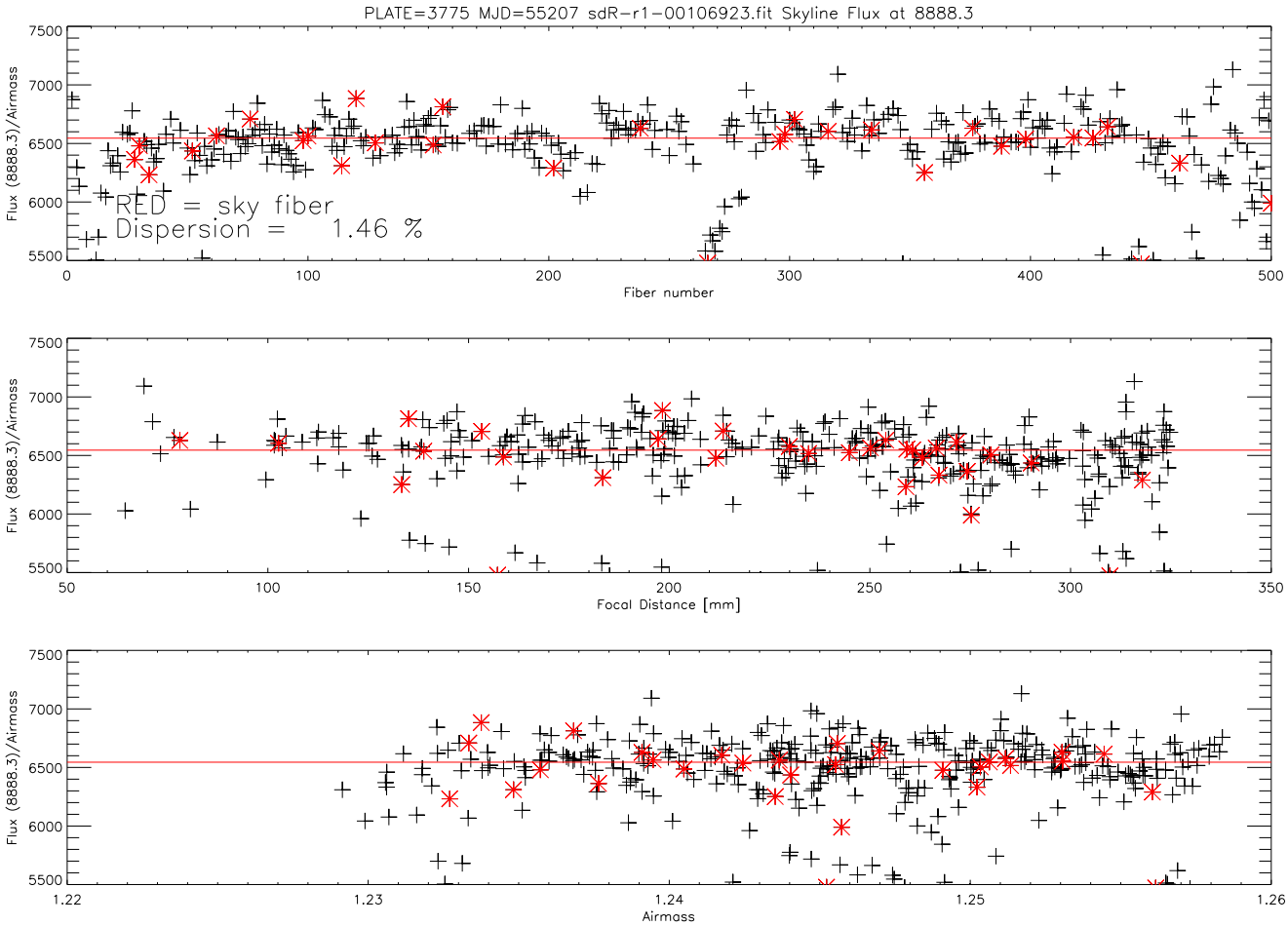

PLATE=3775 MJD=55207 sdR-r1-00106923.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

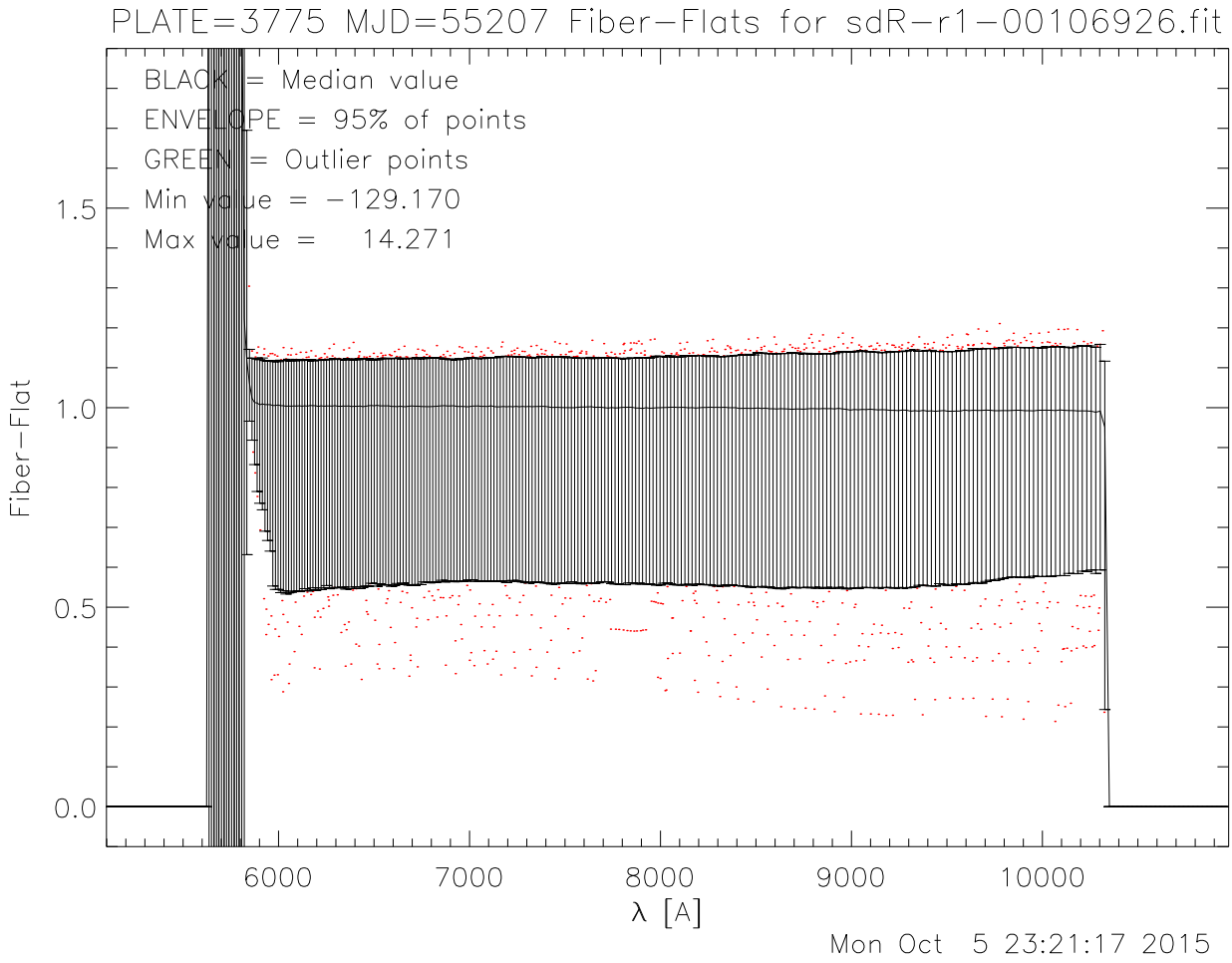

PLATE=3775 MJD=55207 sdR-r1-00106923.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
300
200
100
0
-100
-200
-300
8820
8840
8860
8880
8900
λ [A]

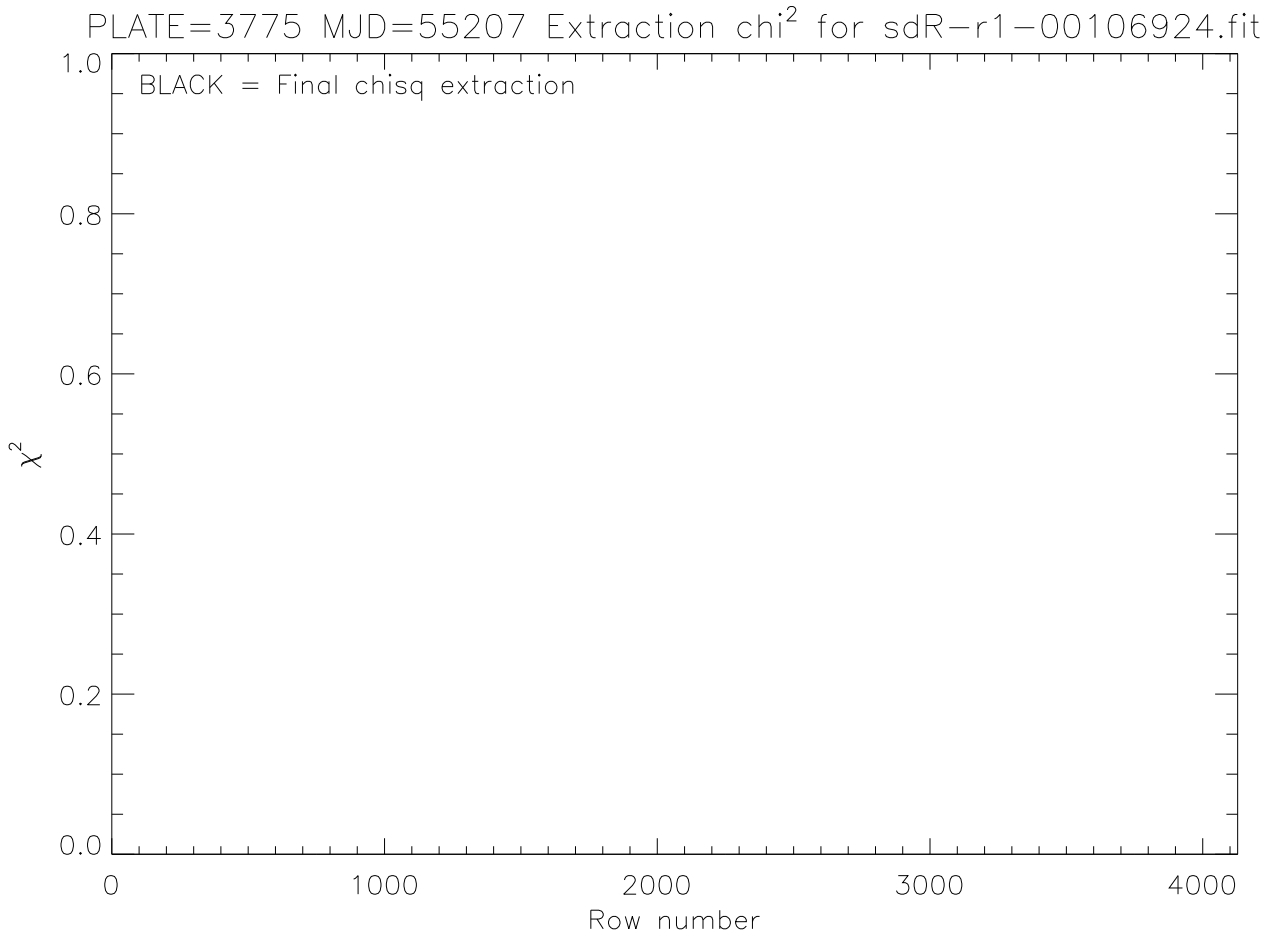
Number of sky fibers = 39

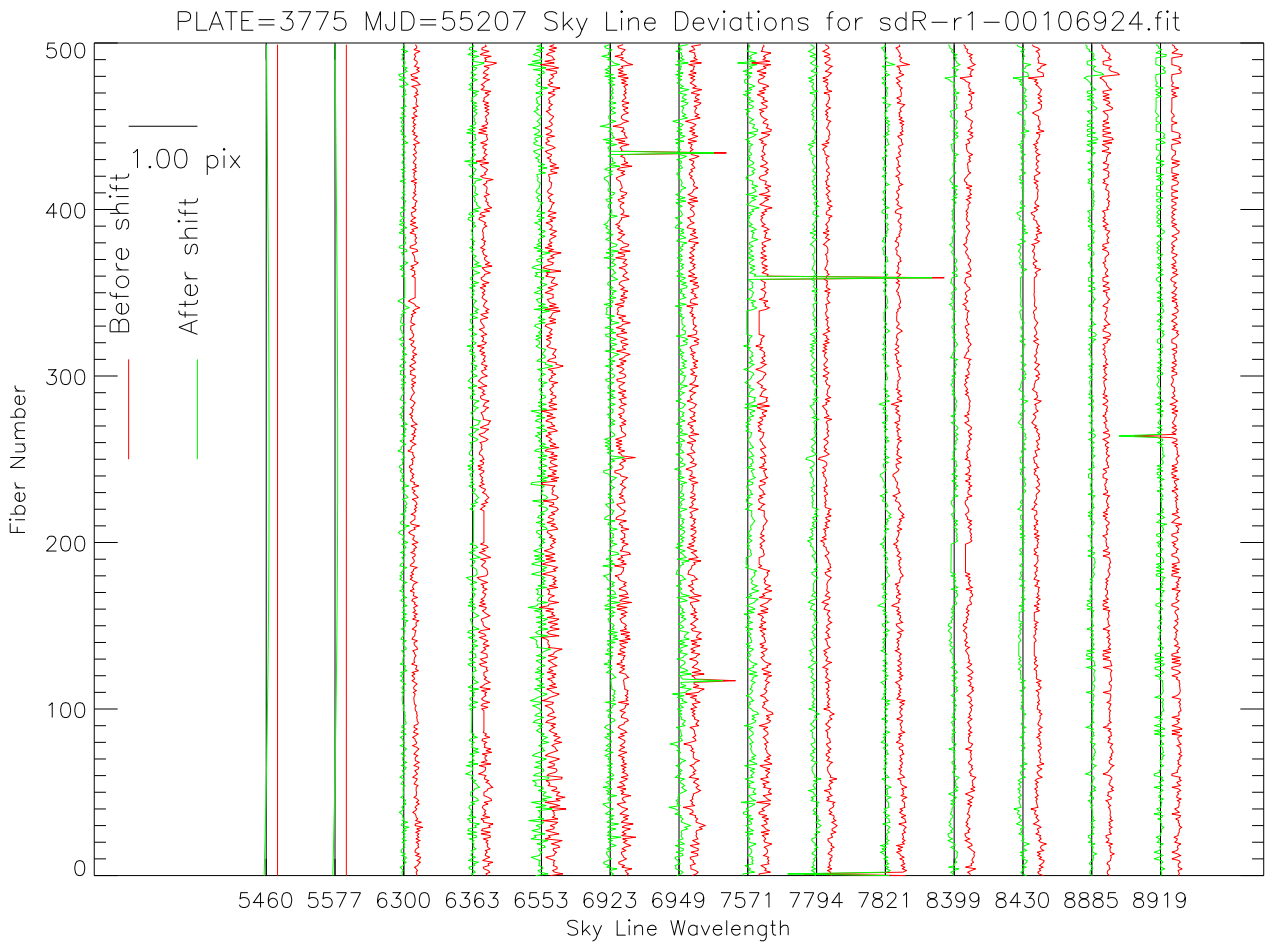


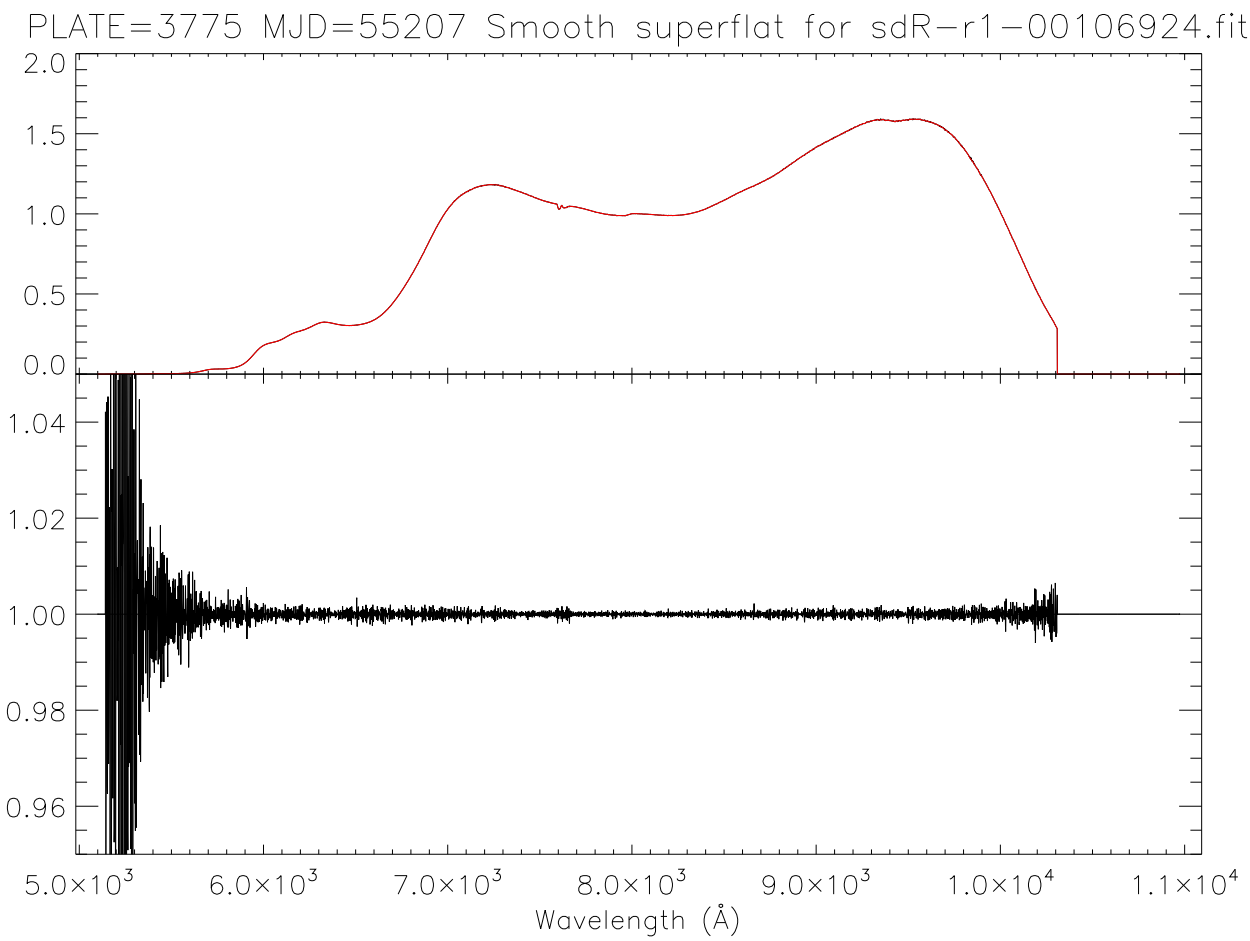

PLATE=3775 MJD=55207 sdR-r1-00106923.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
Fiber number
RED = sky fiber
Dispersion = 2.67 %
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

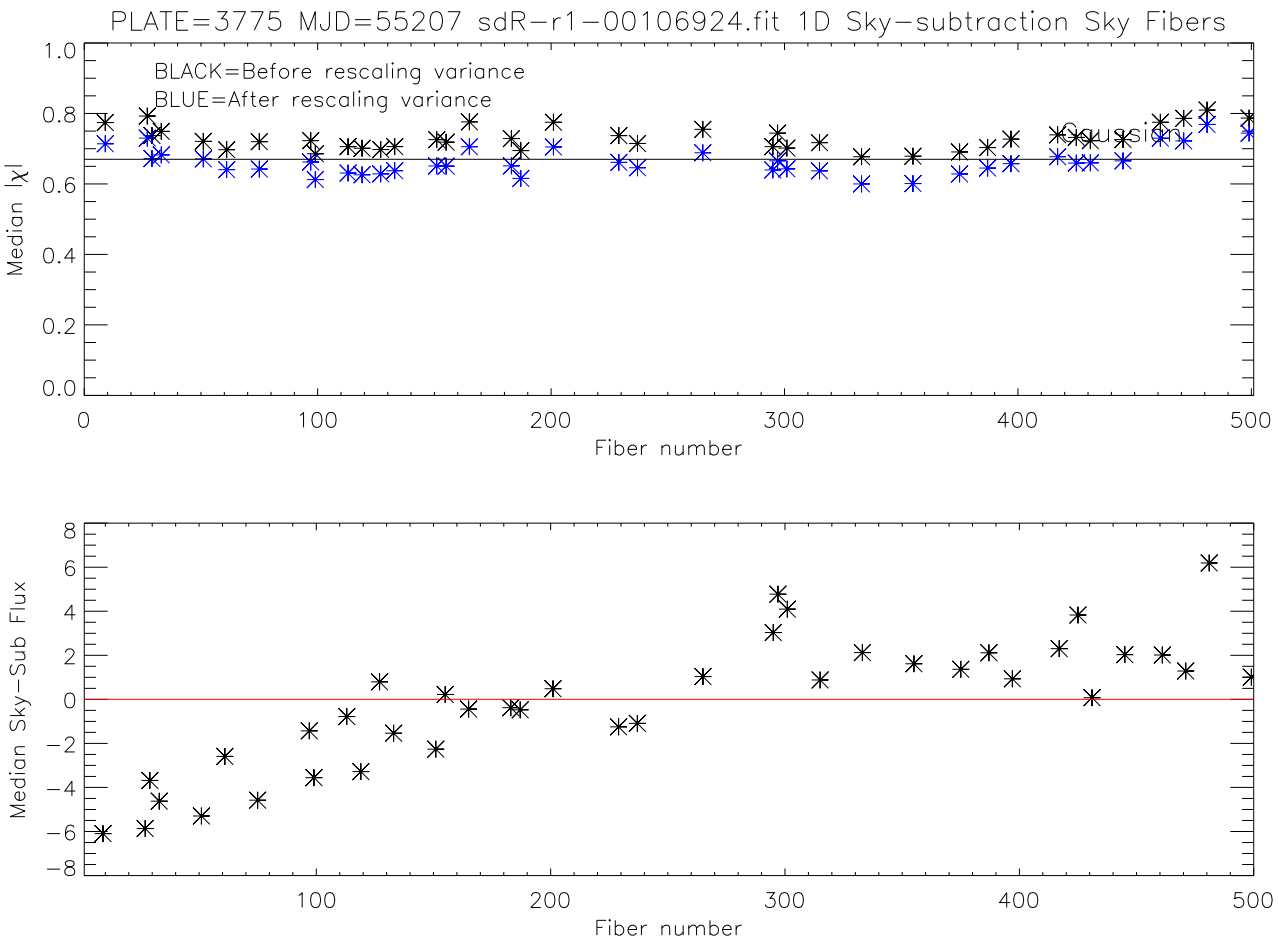

PLATE=3775 MJD=55207 sdR-r1-00106923.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
RED = sky fiber
Dispersion = 1.46 %
Fiber number
Focal Distance [mm]
Airmass

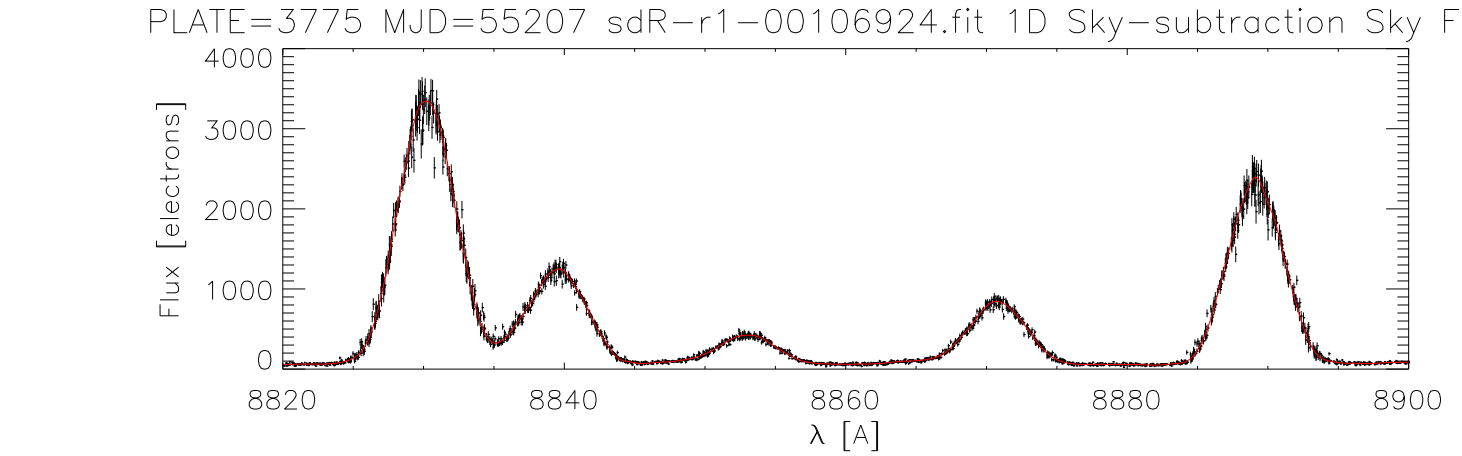

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r1−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −129.170
Max value = 14.271
Fiber−Flat
1.5
1.0
0.5
0.0
6000
7000
8000
9000
10000
λ [A]
Mon Oct 5 23:21:17 2015

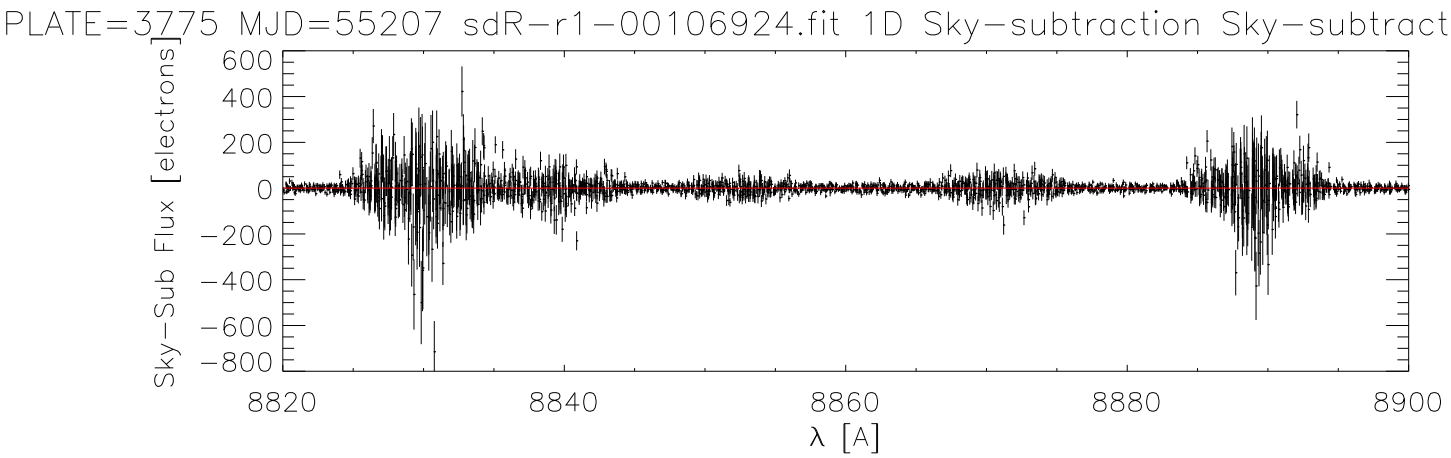

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r1−00106924.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r1-00106924.fit
Before shift
After shift
1.00 pix
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength

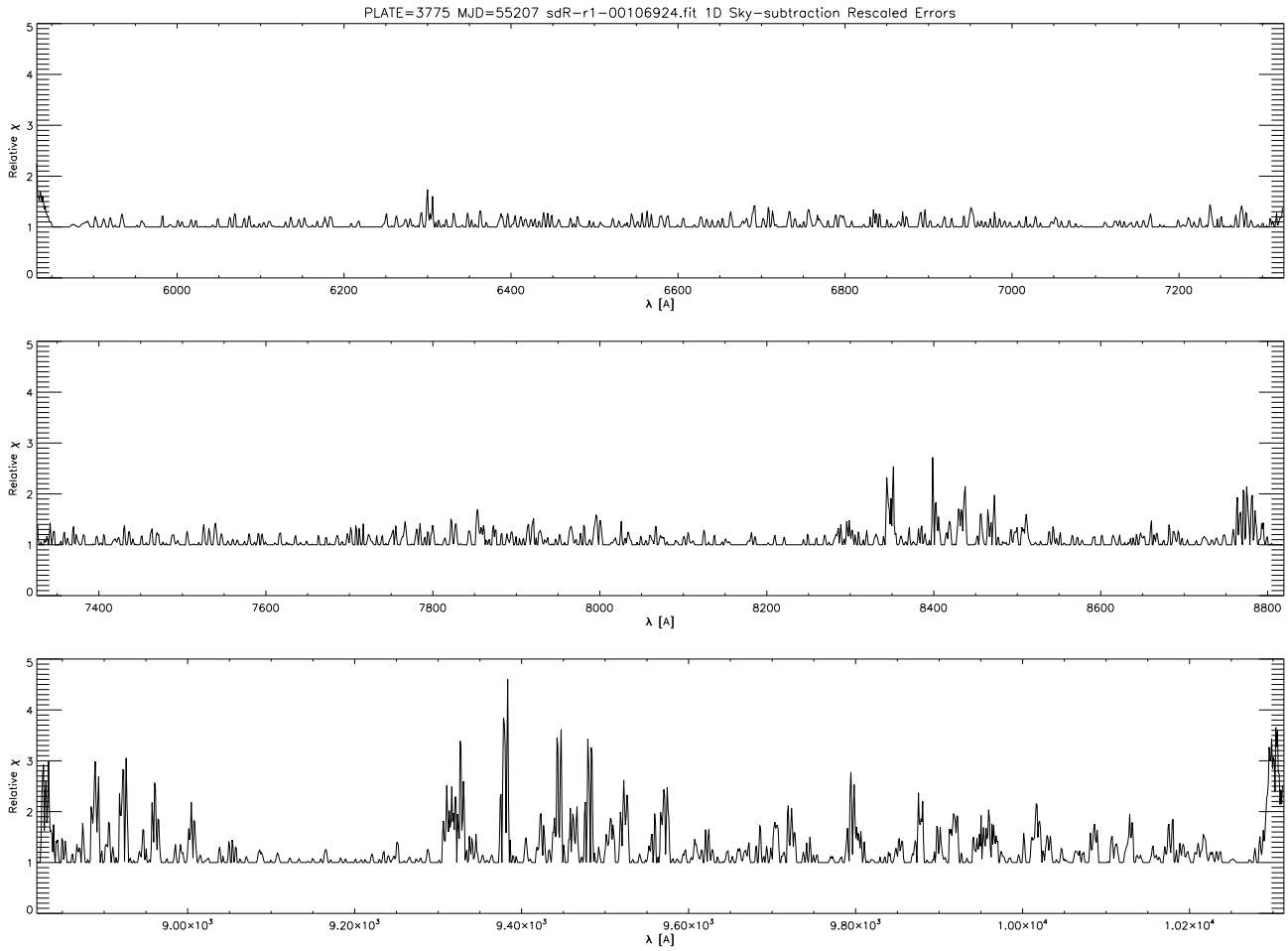

PLATE=3775 MJD=55207 Smooth superflat for sdR-r1-00106924.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
5.0×10^3
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

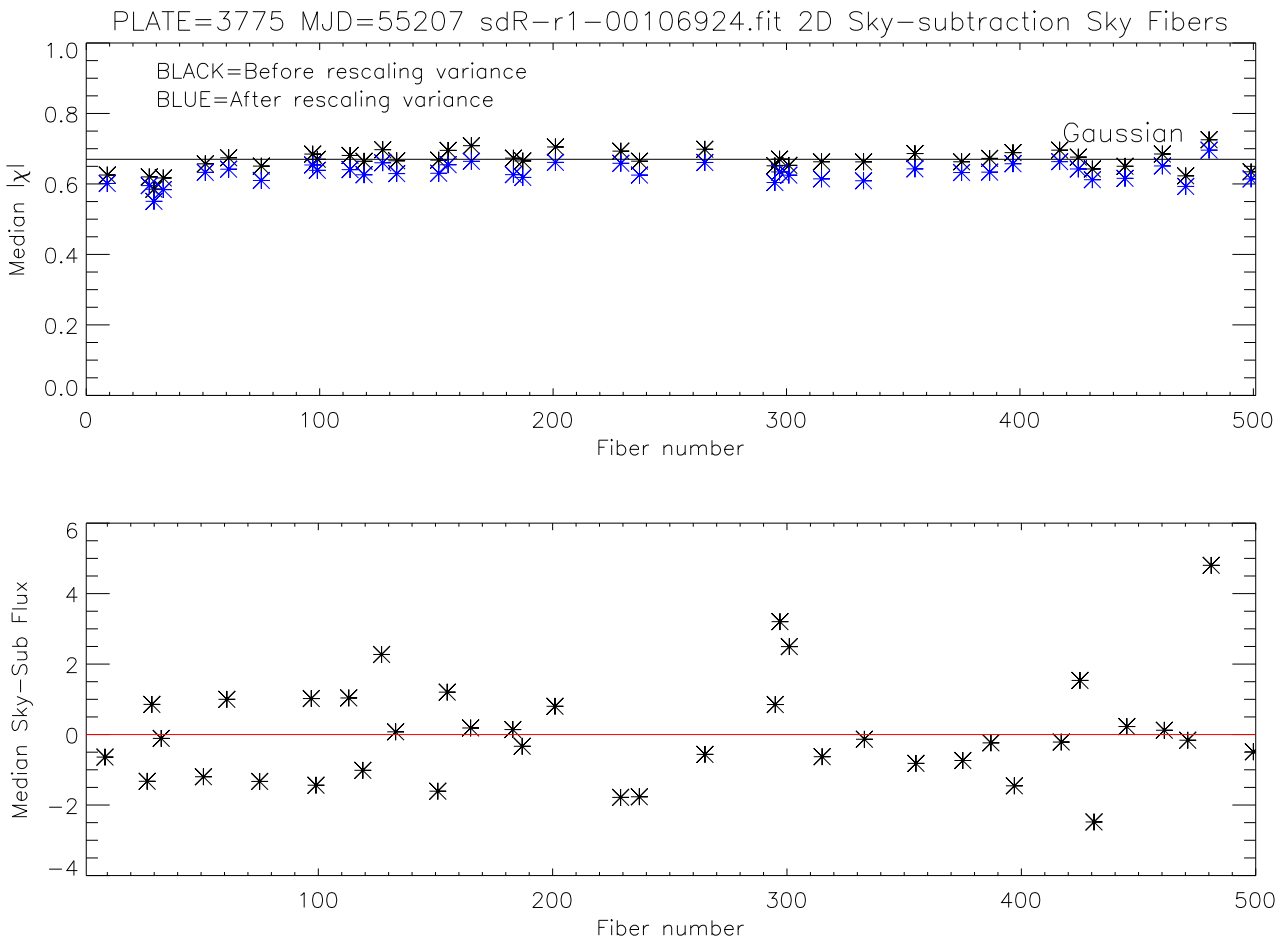

PLATE=3775 MJD=55207 sdR-r1-00106924.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

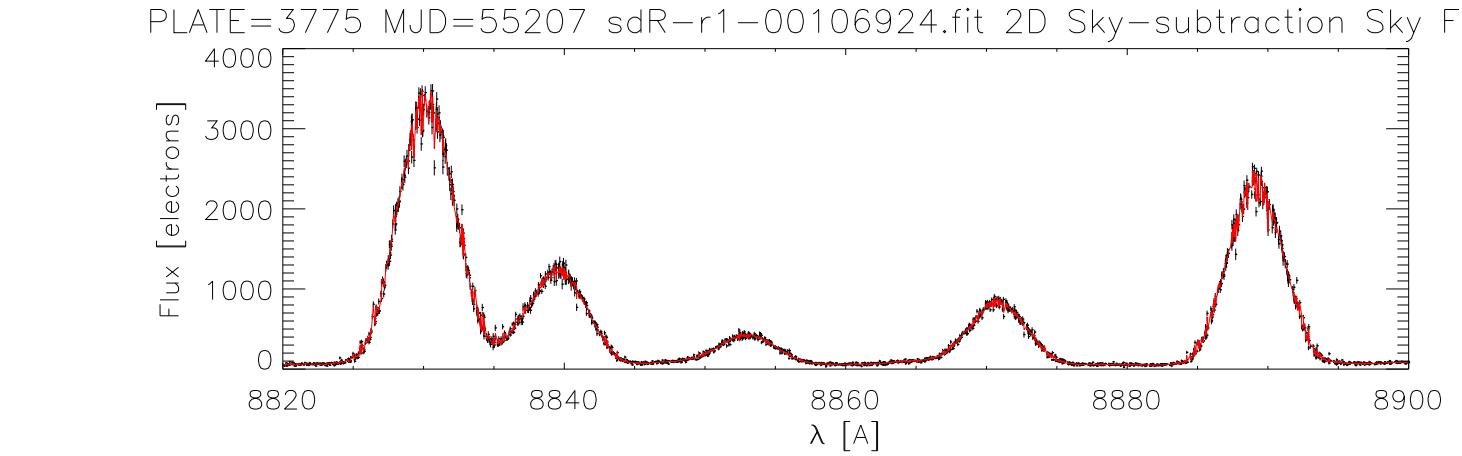

PLATE=3775 MJD=55207 sdR-r1-00106924.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

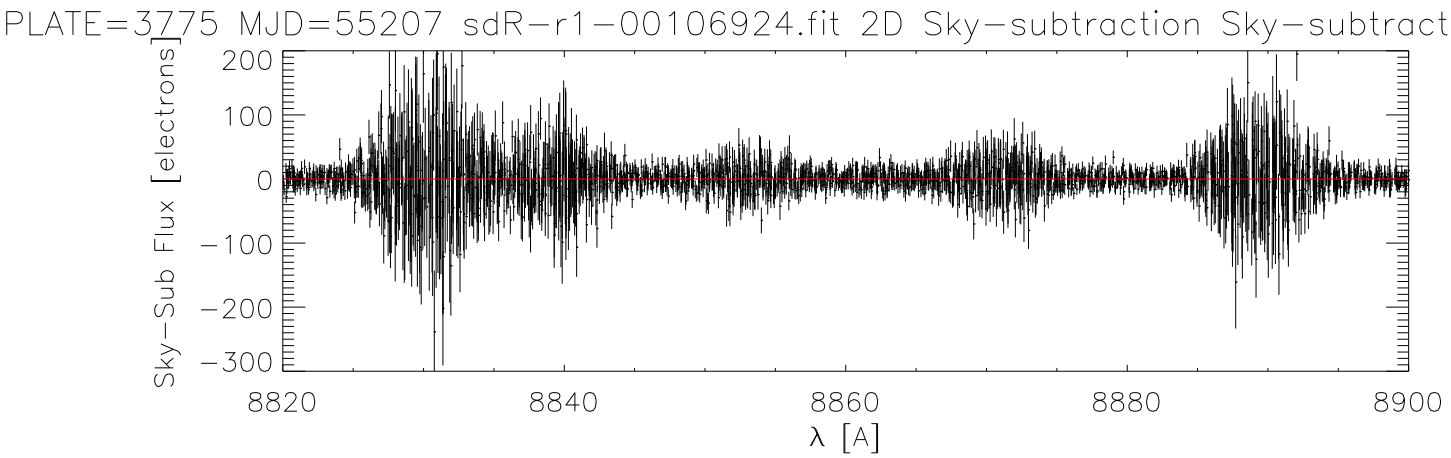

PLATE=3775 MJD=55207 sdR-r1-00106924.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
600
400
200
0
-200
-400
-600
-800
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 39

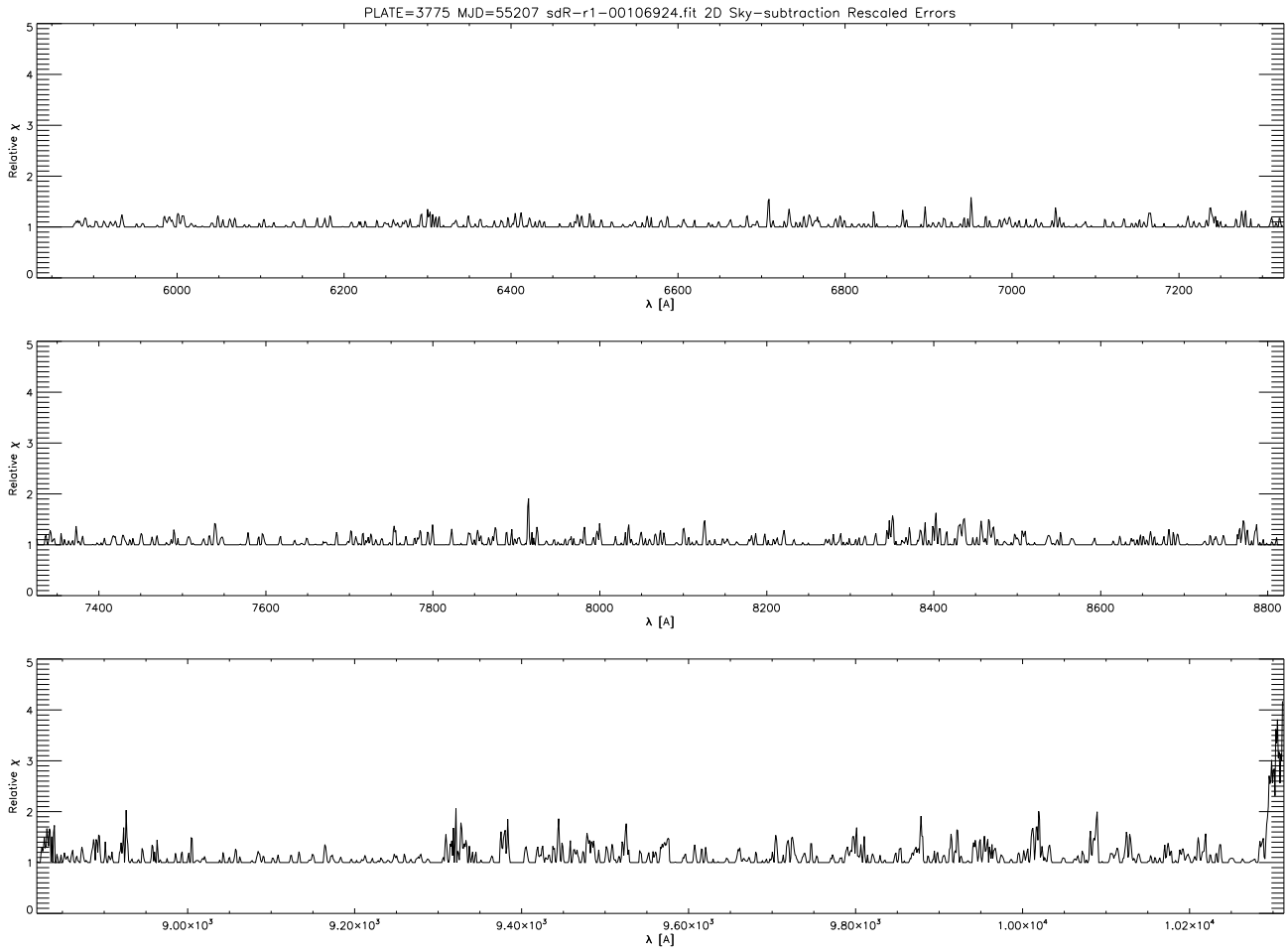


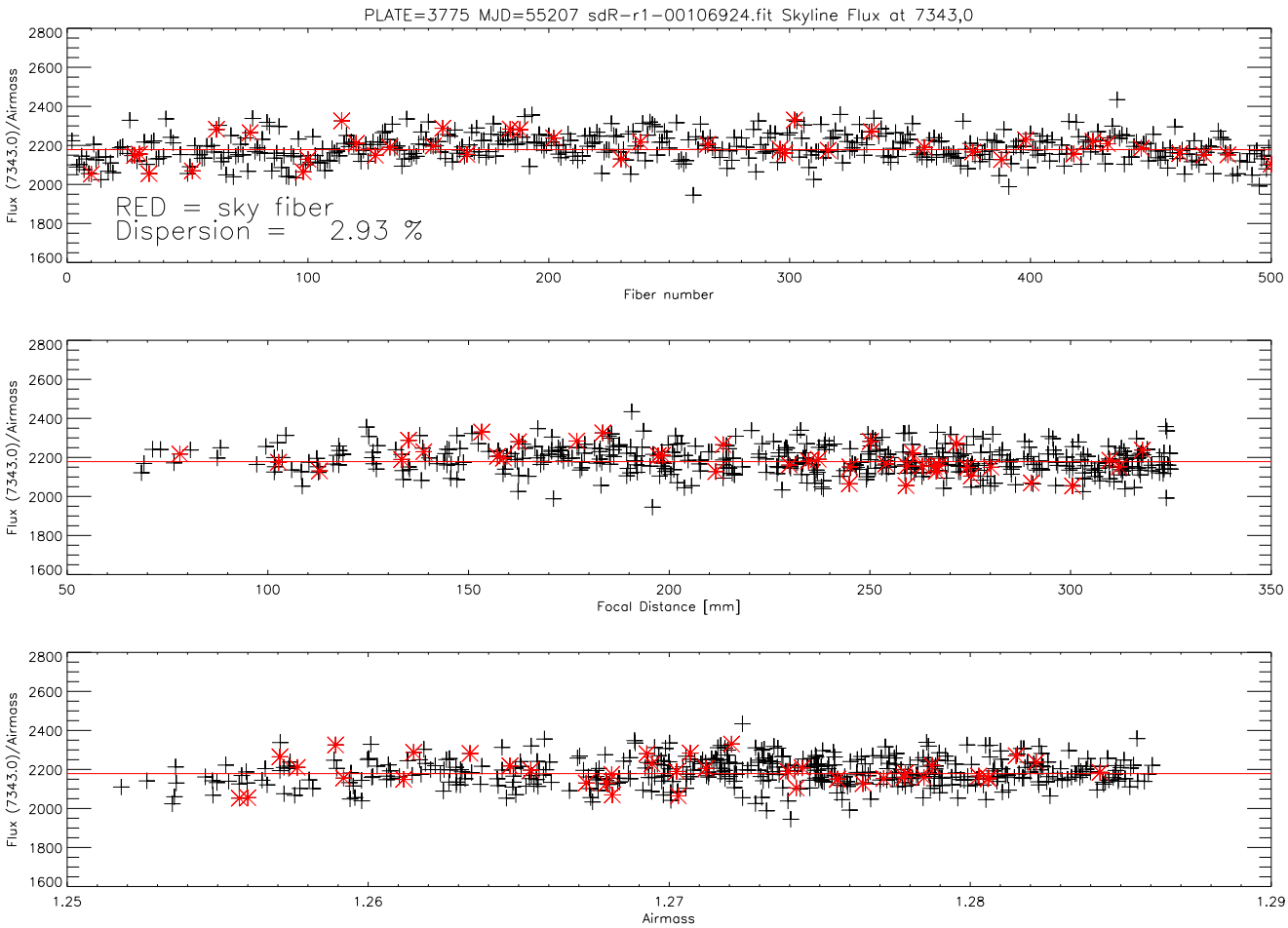

PLATE=3775 MJD=55207 sdR-r1-00106924.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

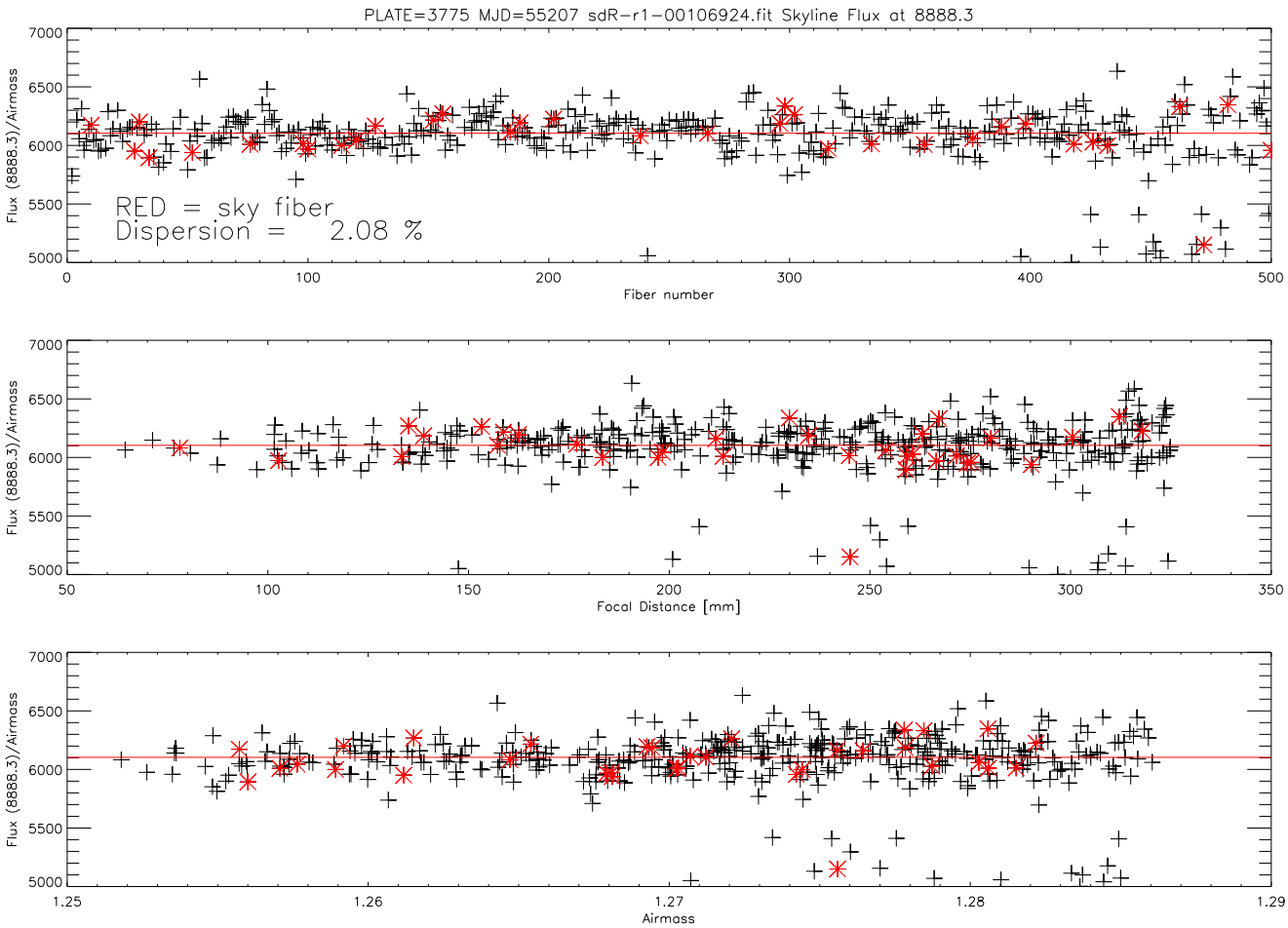

PLATE=3775 MJD=55207 sdR-r1-00106924.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

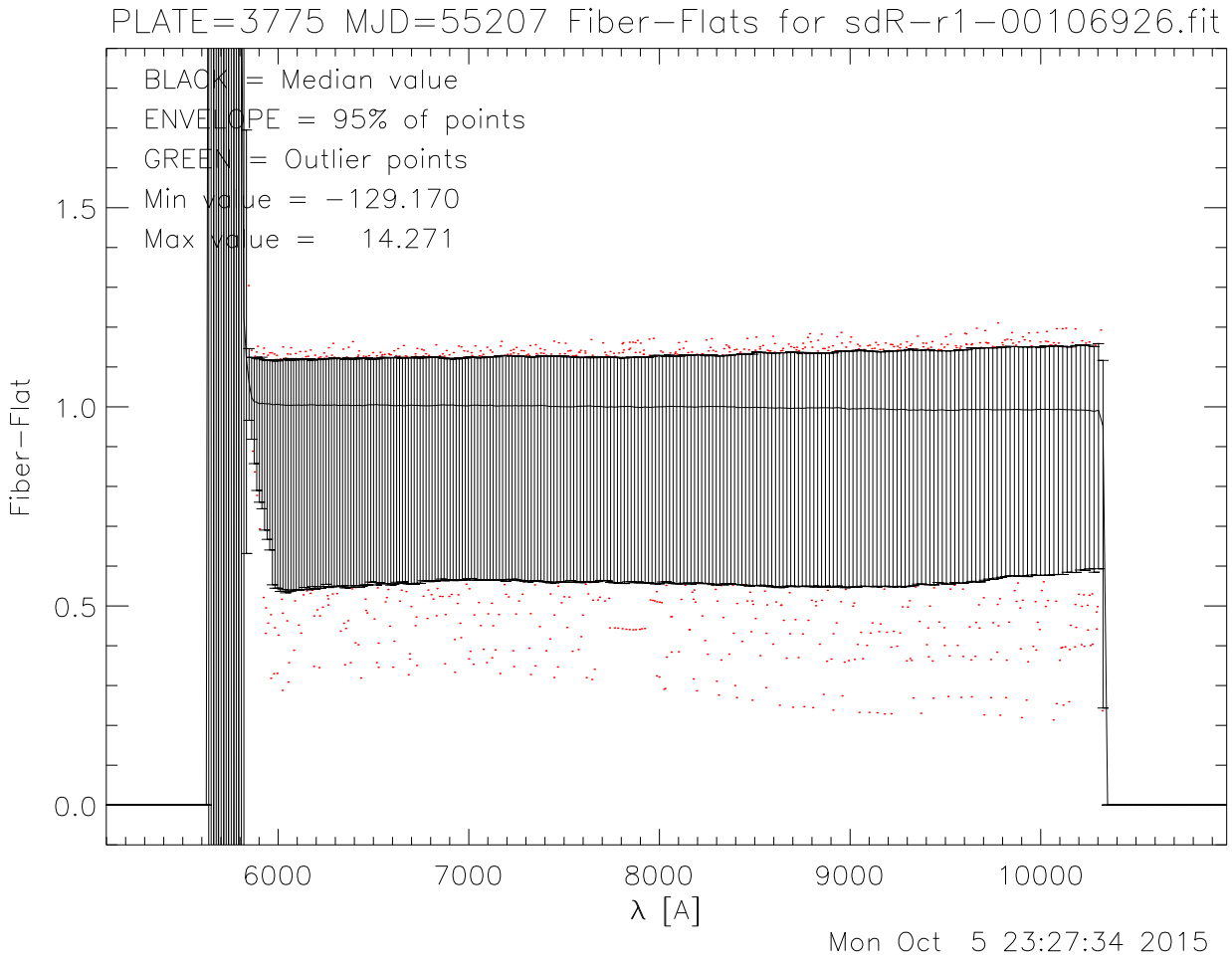

PLATE=3775 MJD=55207 sdR-r1-00106924.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
200
100
0
-100
-200
-300
8820
8840
8860
8880
8900
λ [A]

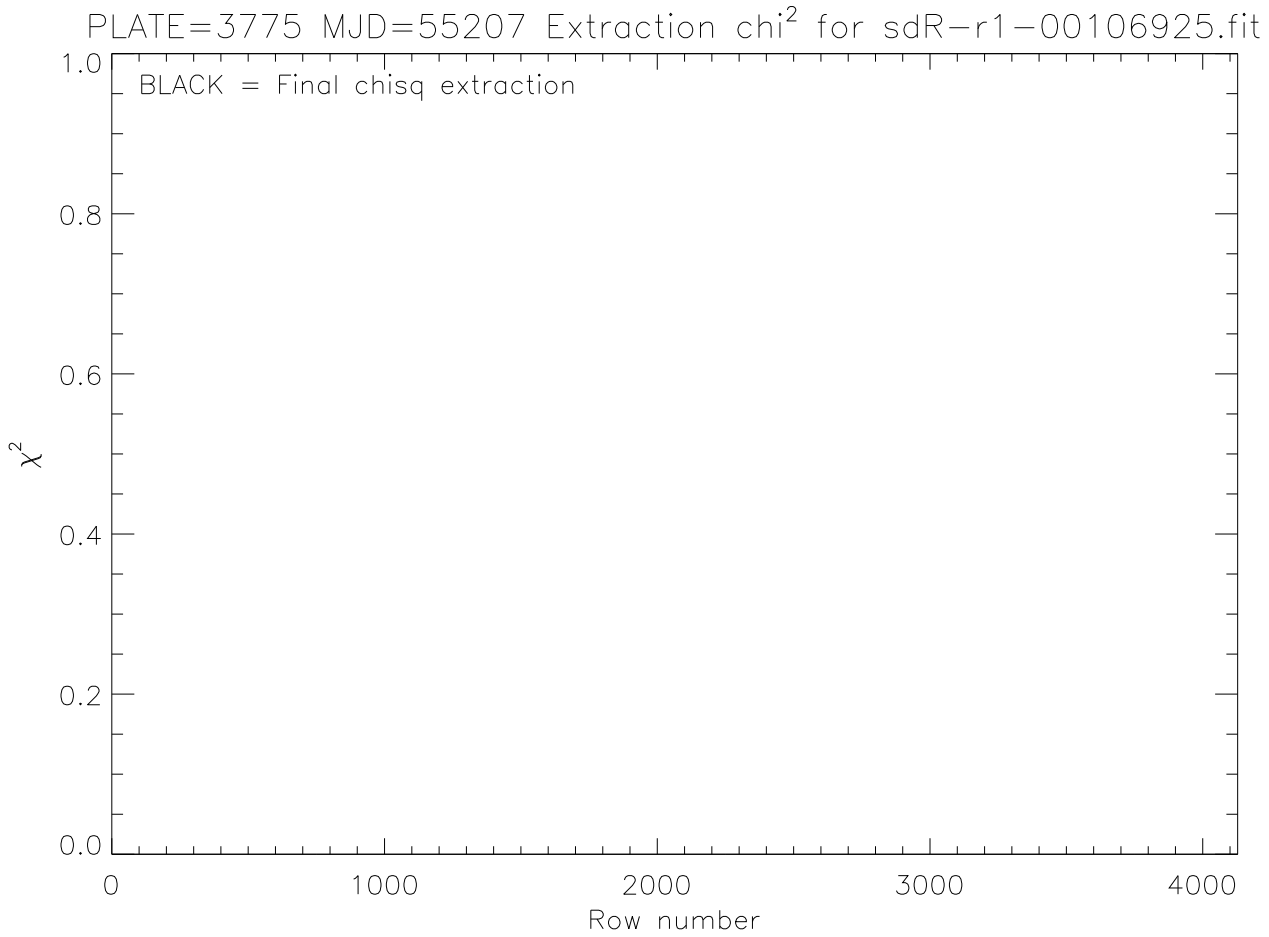
Number of sky fibers = 39

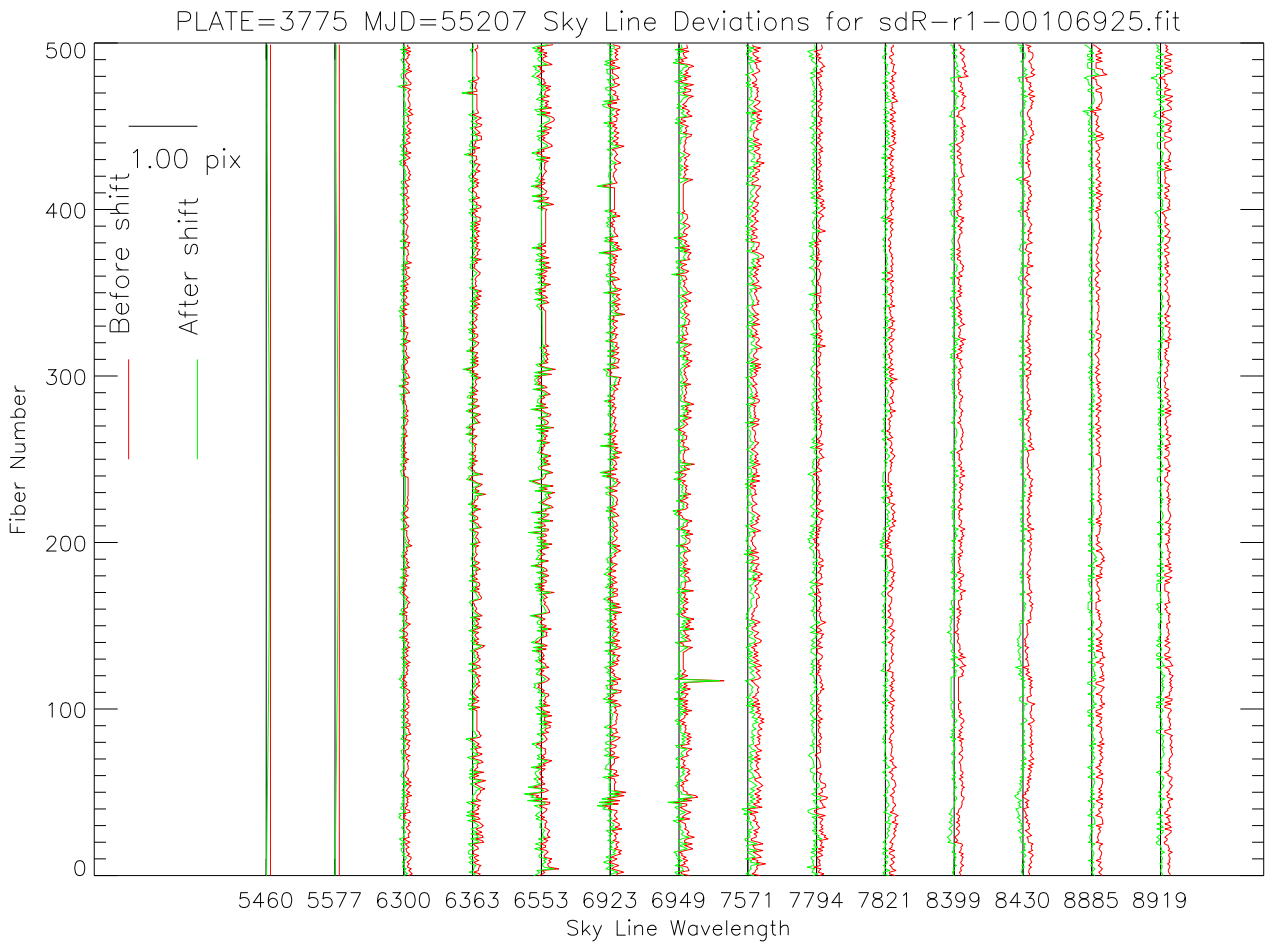


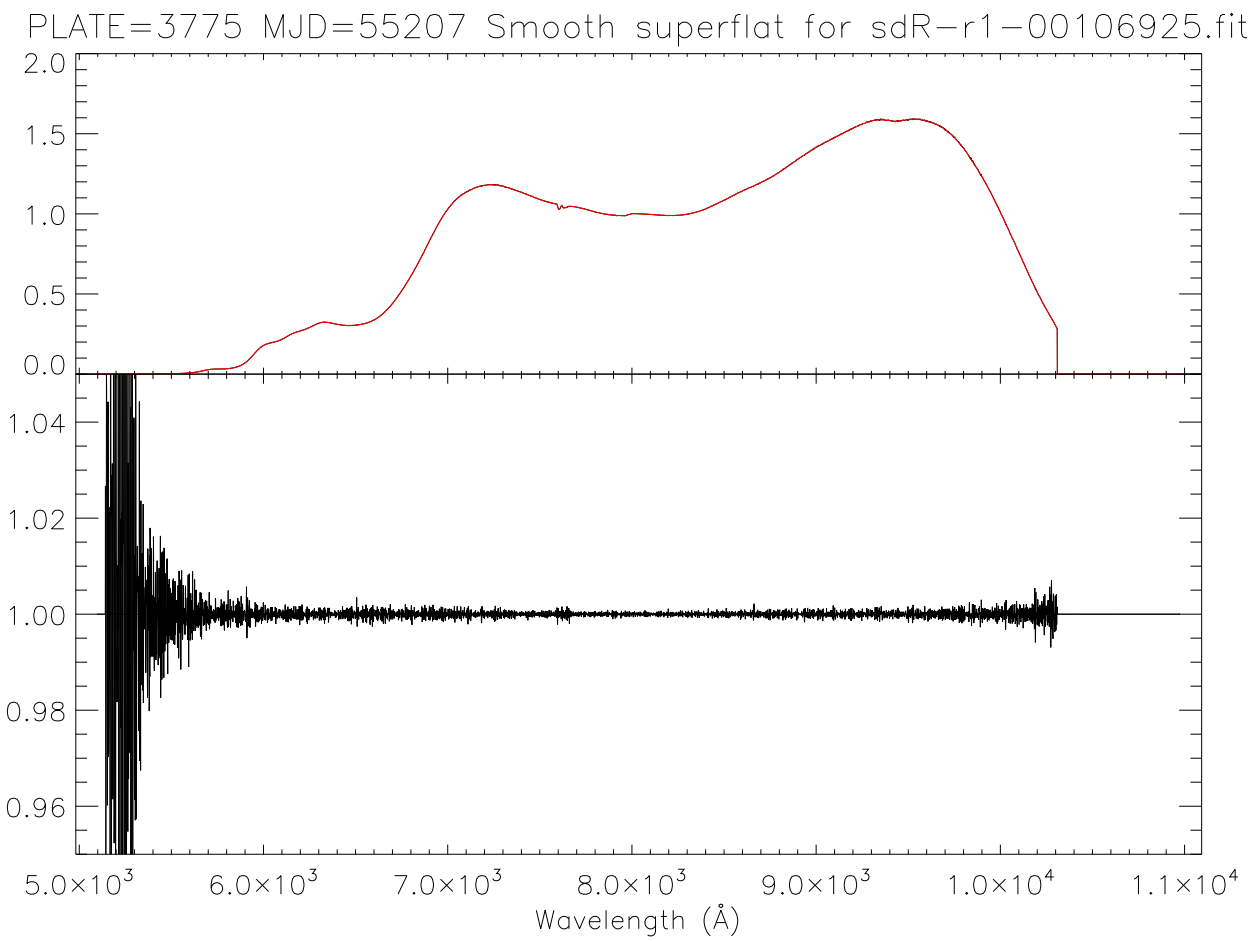

PLATE=3775 MJD=55207 sdR-r1-00106924.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
RED = sky fiber
Dispersion = 2.93 %
Fiber number
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

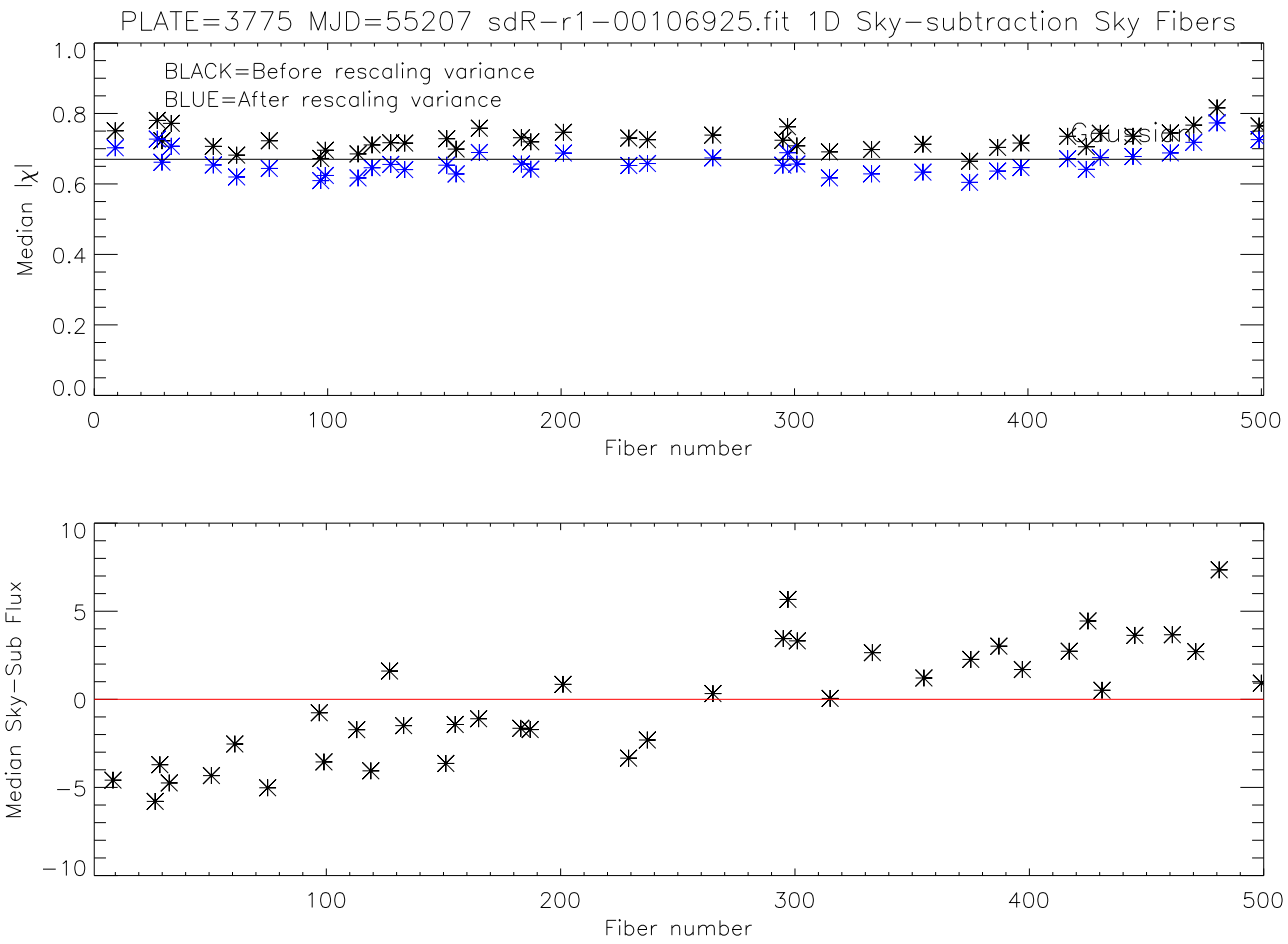

PLATE=3775 MJD=55207 sdR-r1-00106924.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
RED = sky fiber
Dispersion = 2.08 %
Fiber number
Focal Distance [mm]
Airmass

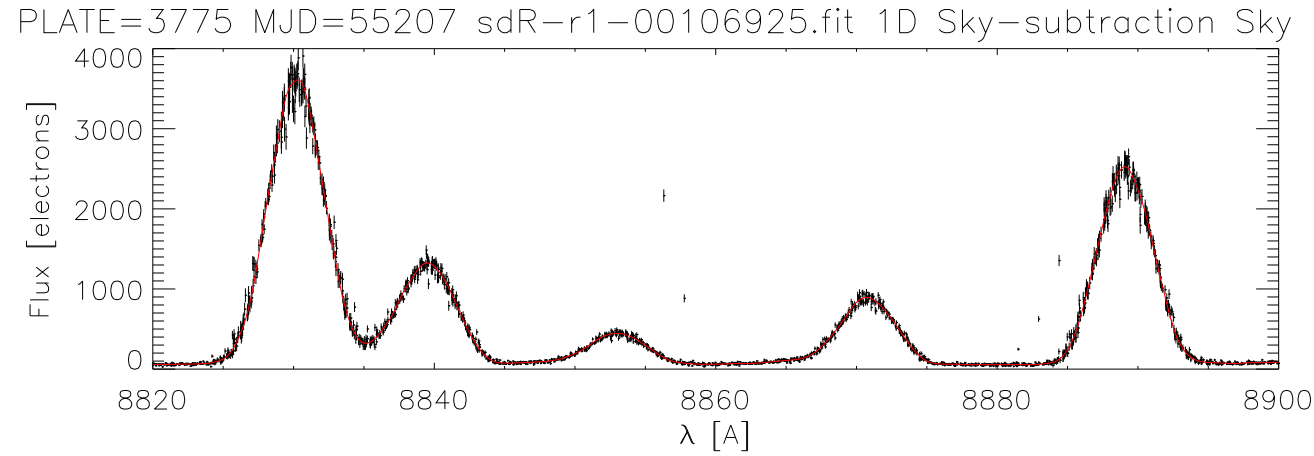

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r1−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −129.170
Max value = 14.271
Fiber−Flat
1.5
1.0
0.5
0.0
6000
7000
8000
9000
10000
λ [A]
Mon Oct 5 23:27:34 2015

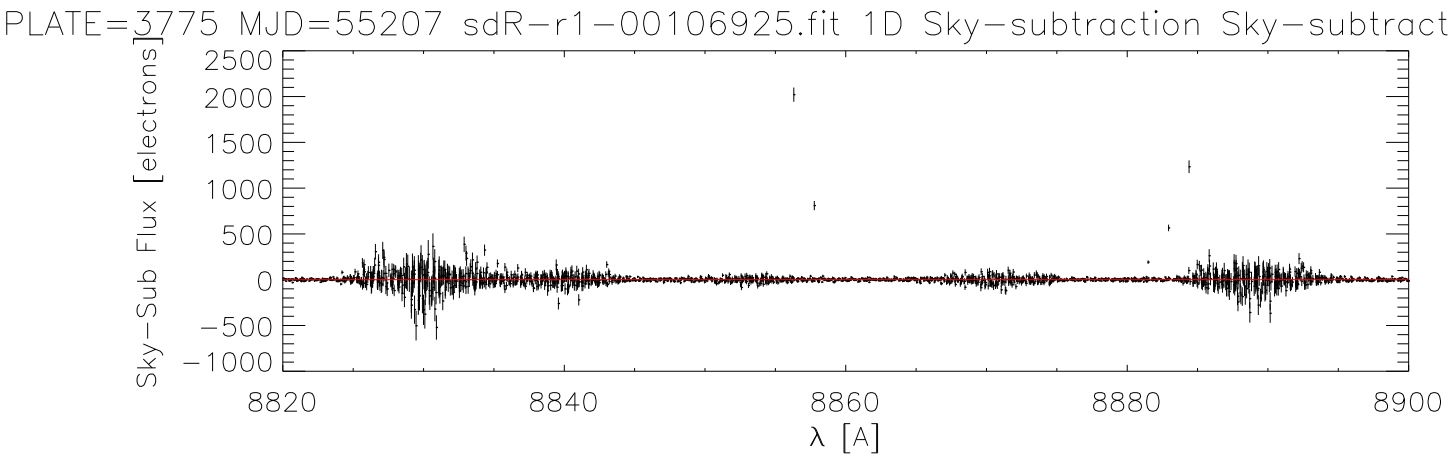

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r1−00106925.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r1-00106925.fit
Before shift
After shift
1.00 pix
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength

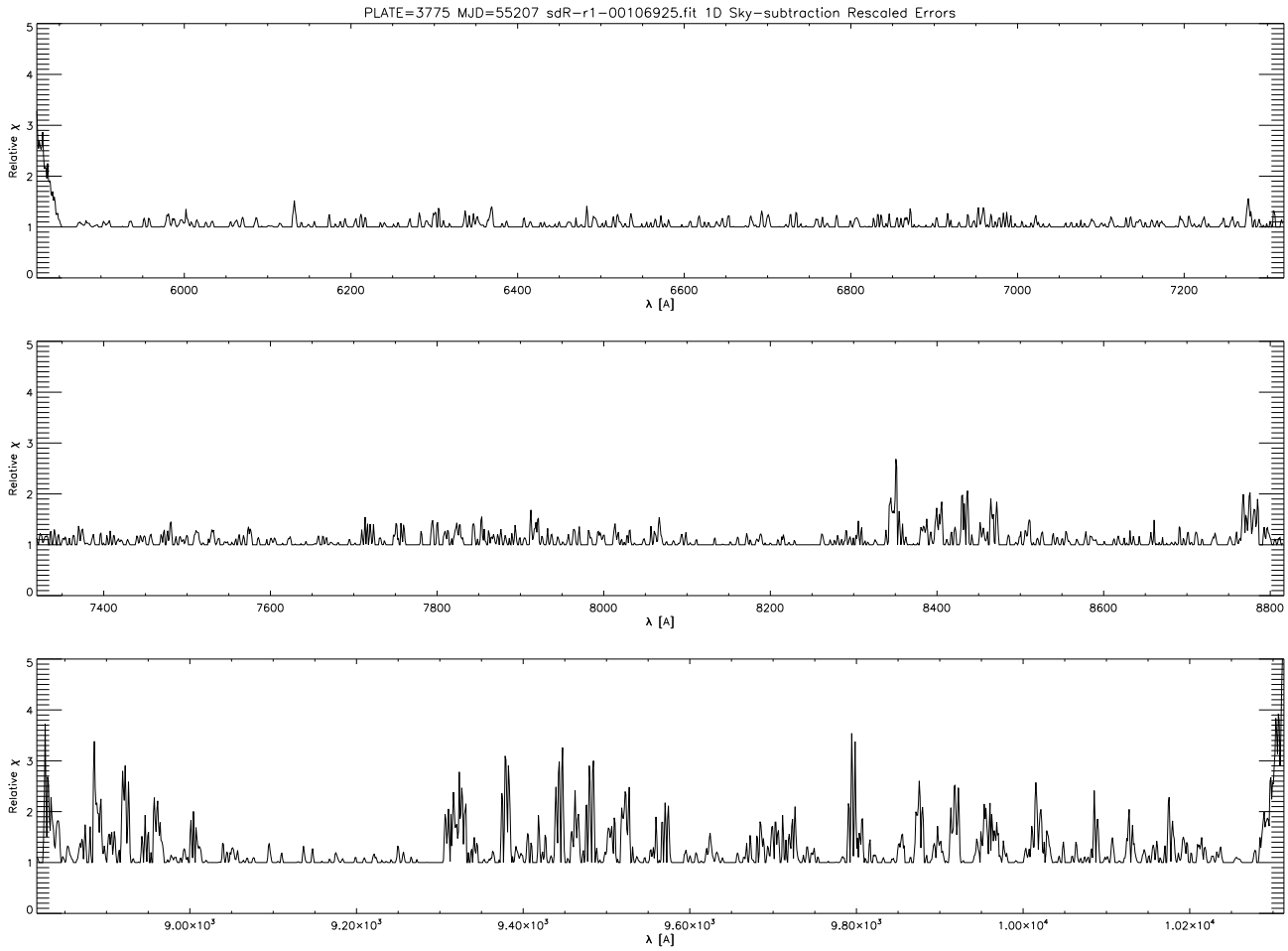

PLATE=3775 MJD=55207 Smooth superflat for sdR-r1-00106925.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
5.0×10^3
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

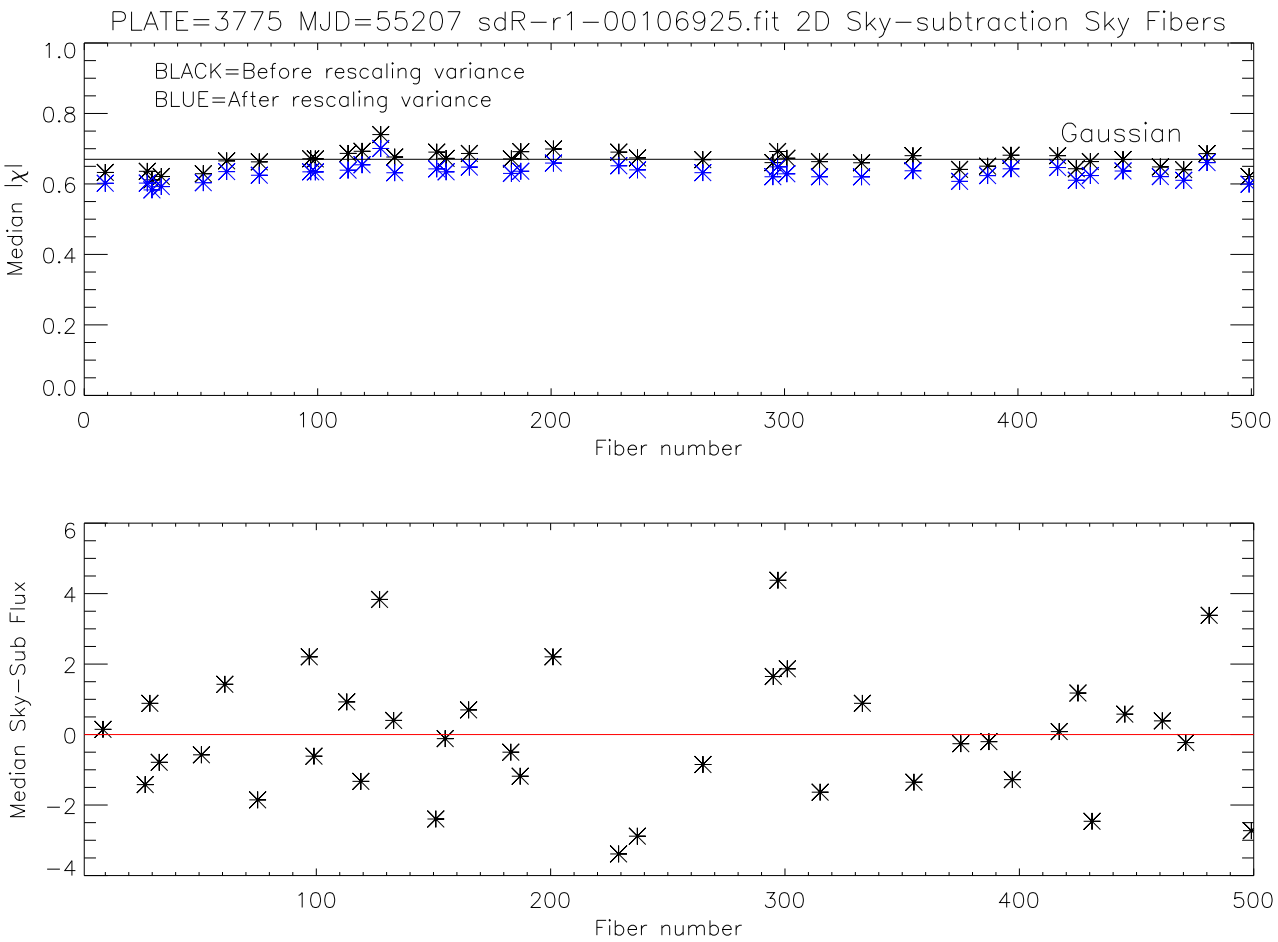

PLATE=3775 MJD=55207 sdR-r1-00106925.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

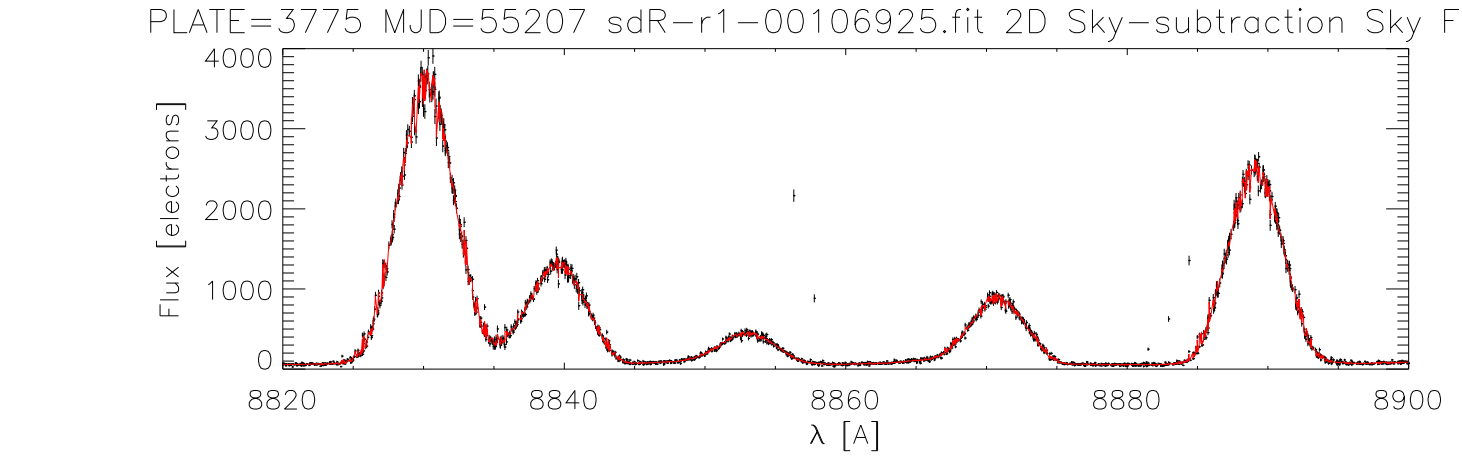

PLATE=3775 MJD=55207 sdR-r1-00106925.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

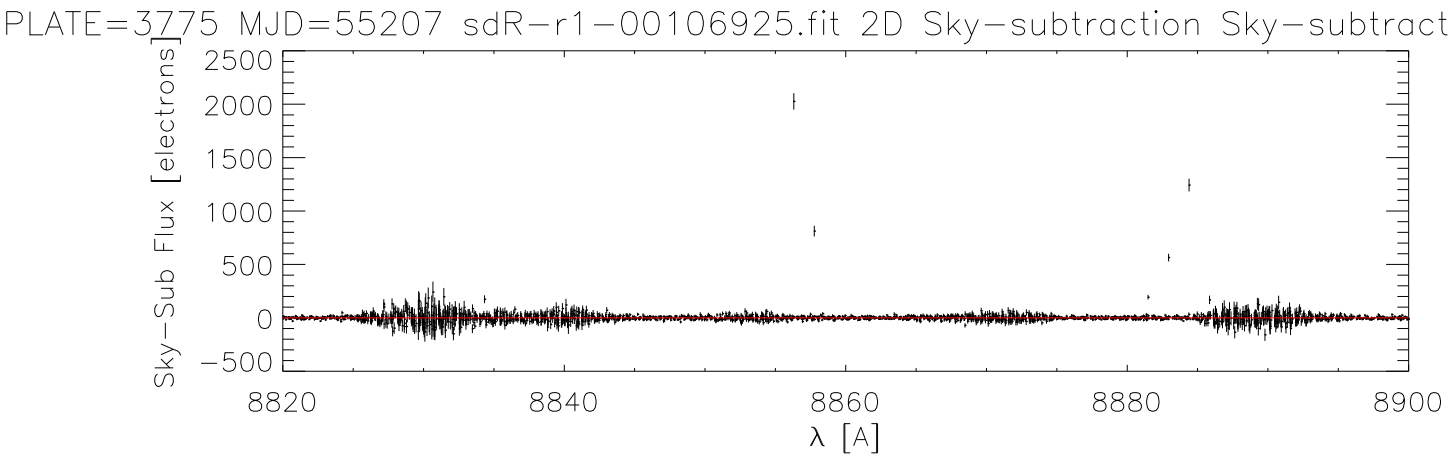

PLATE=3775 MJD=55207 sdR-r1-00106925.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
2500
2000
1500
1000
500
0
-500
-1000
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 39

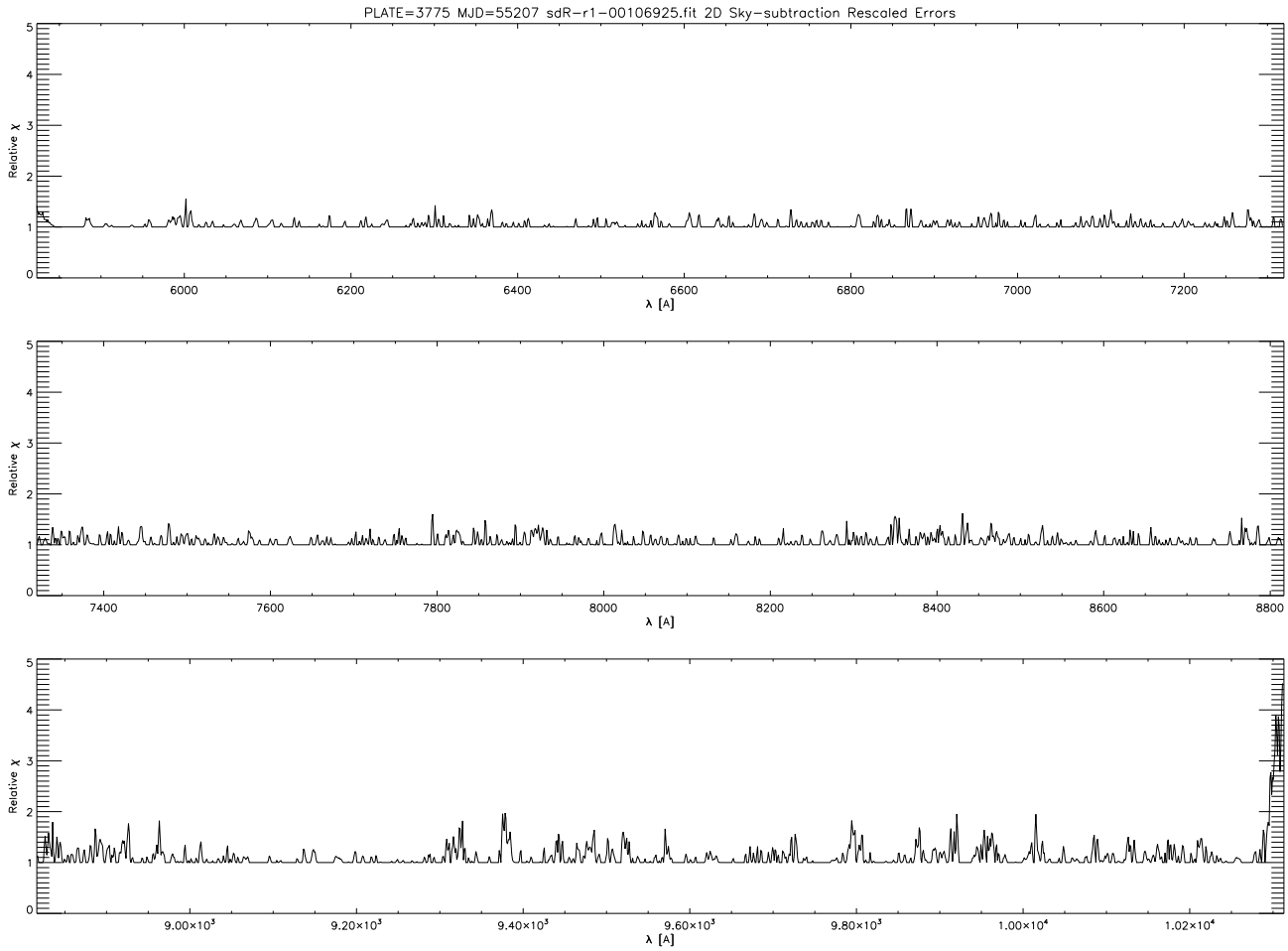


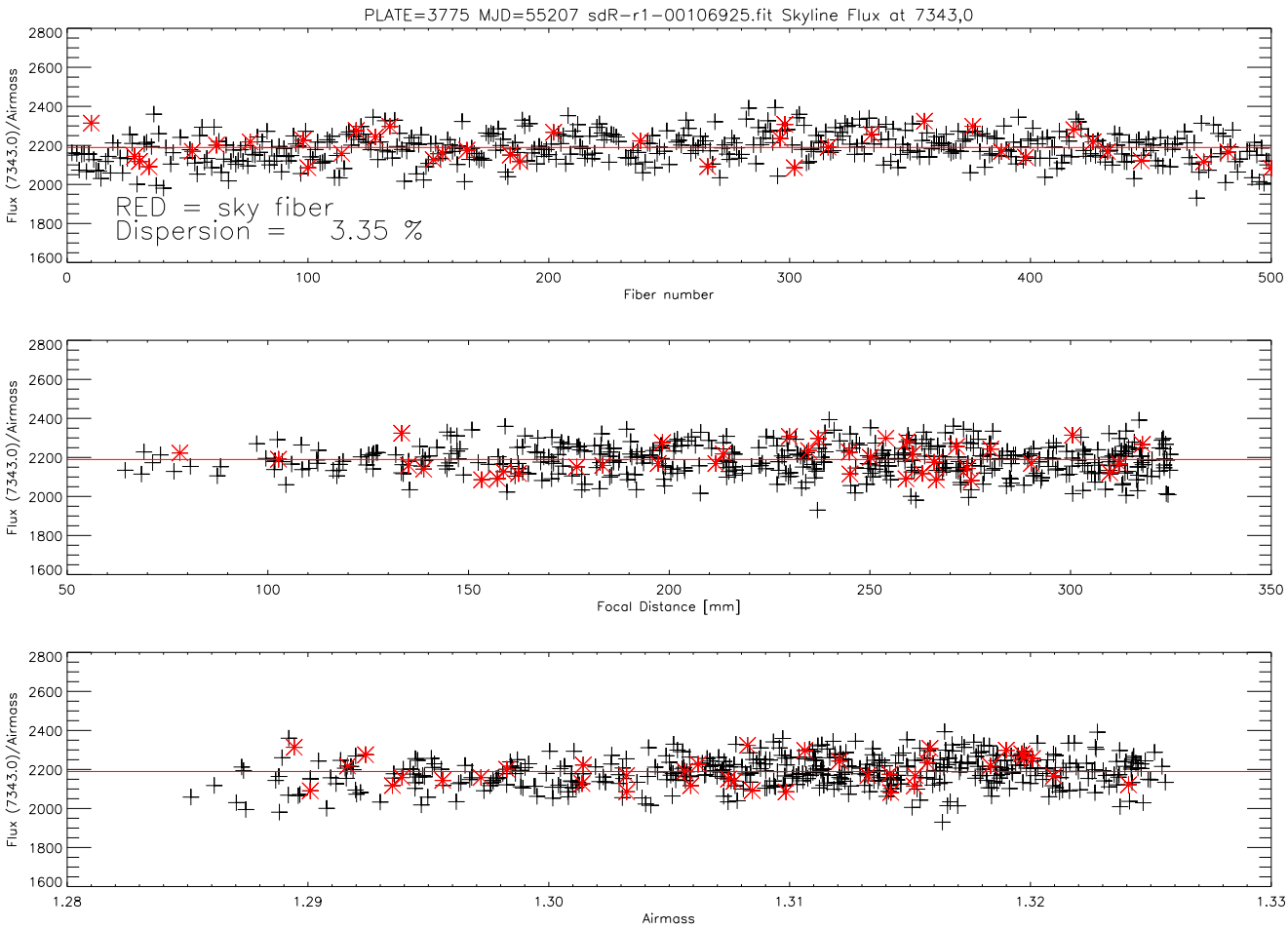

PLATE=3775 MJD=55207 sdR-r1-00106925.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

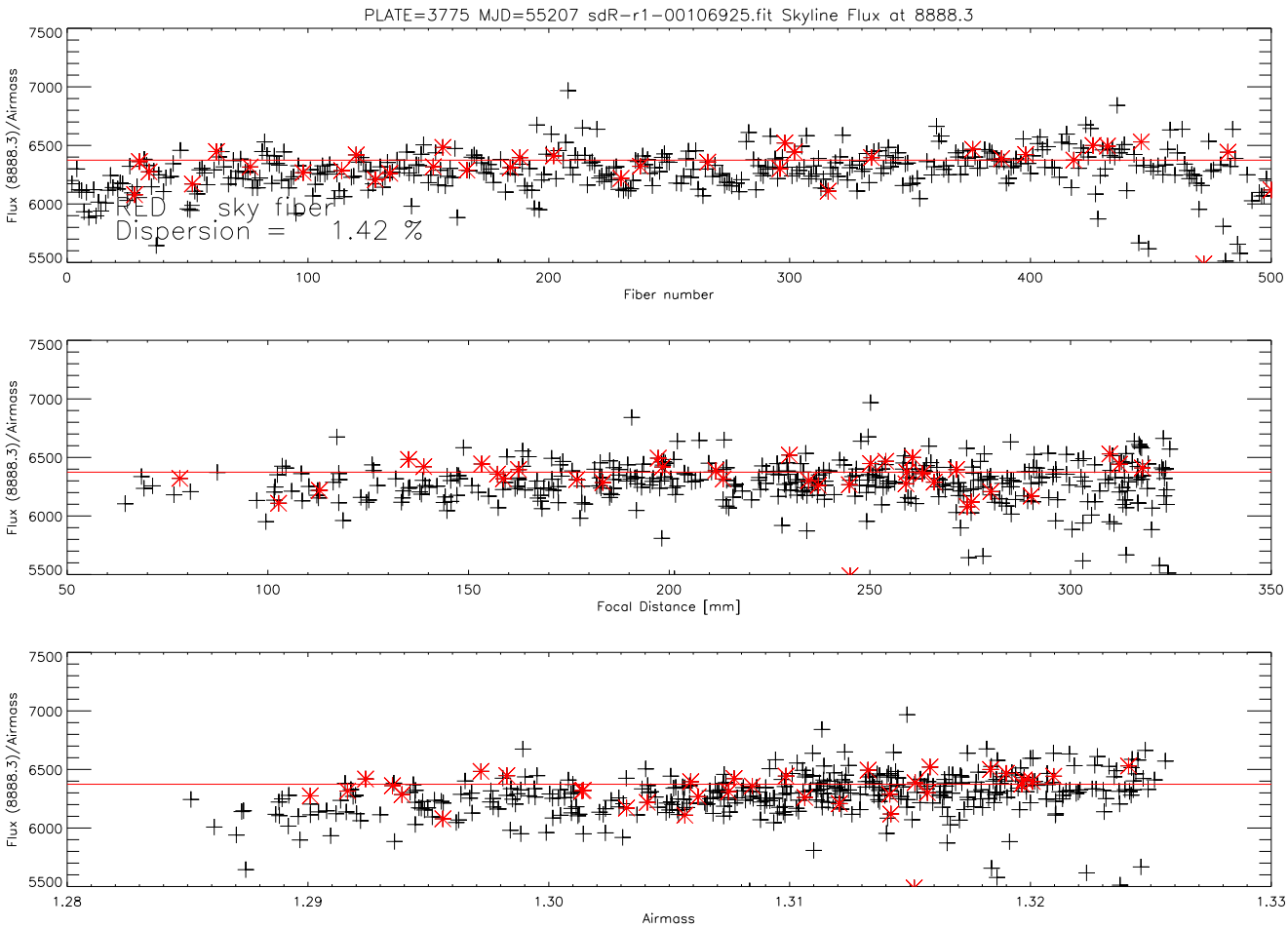

PLATE=3775 MJD=55207 sdR-r1-00106925.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]


PLATE=3775 MJD=55207 sdR-r1-00106925.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
2500
2000
1500
1000
500
0
-500
8820
8840
8860
8880
8900
λ [A]

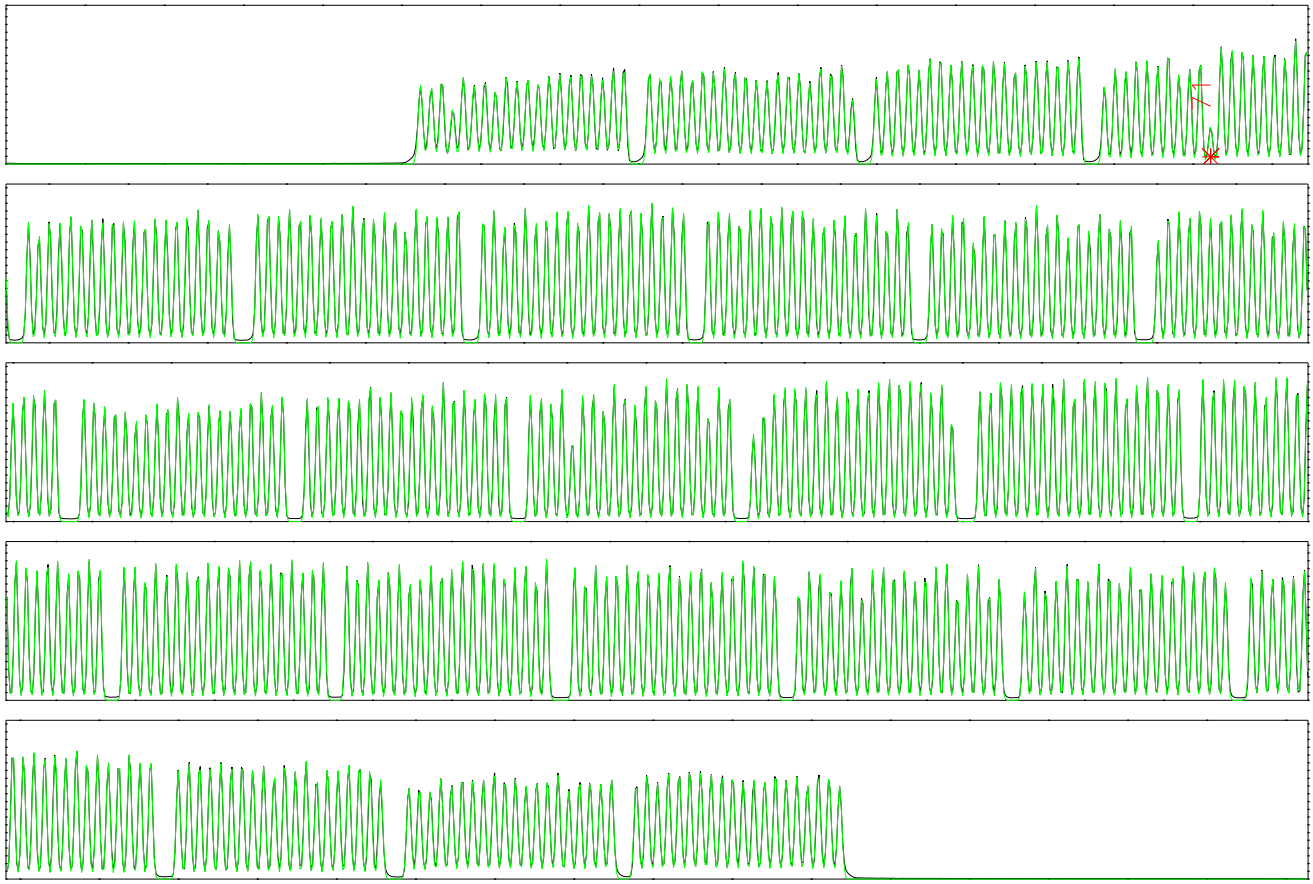
Number of sky fibers = 39



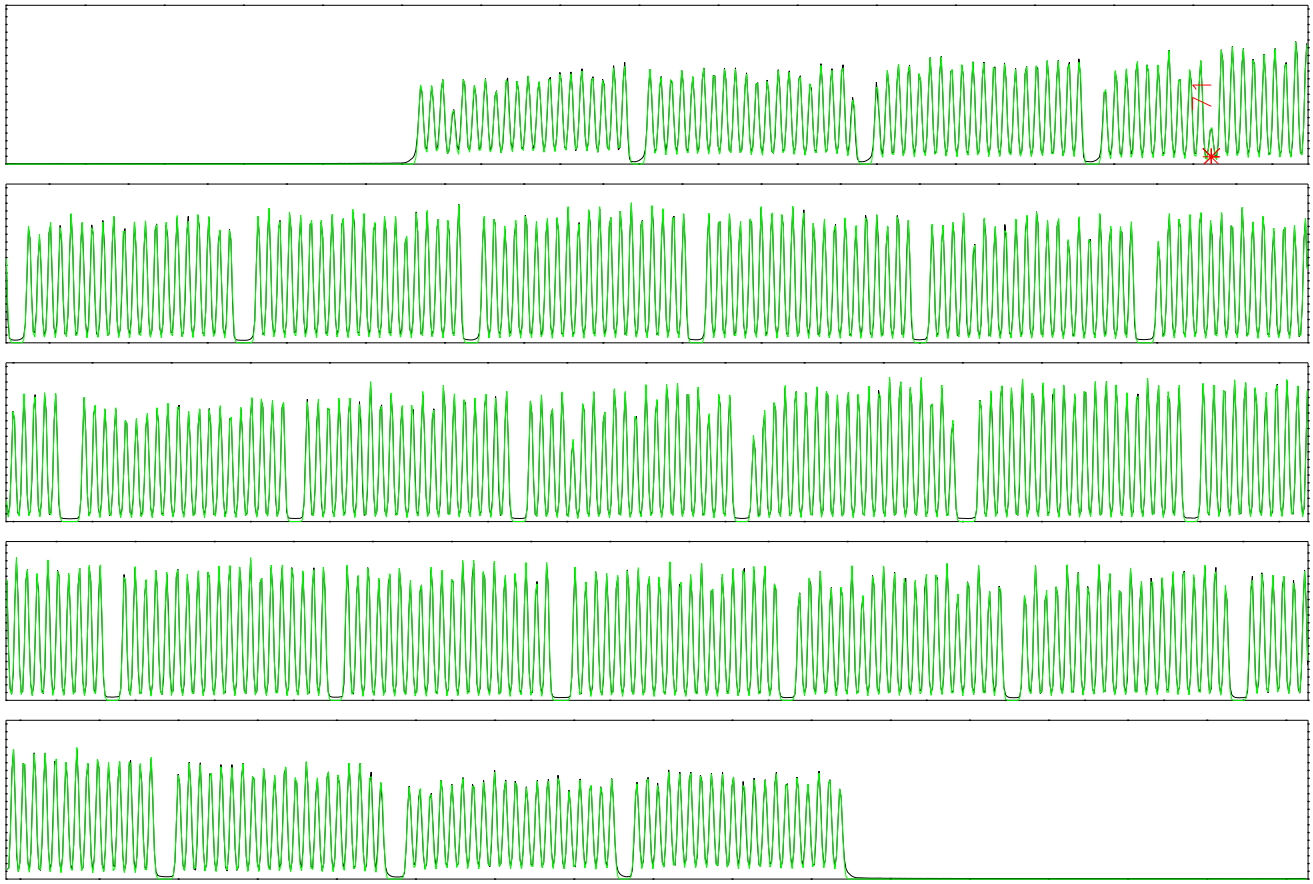

PLATE=3775 MJD=55207 sdR-r1-00106925.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
Fiber number
RED = sky fiber
Dispersion = 3.35 %
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

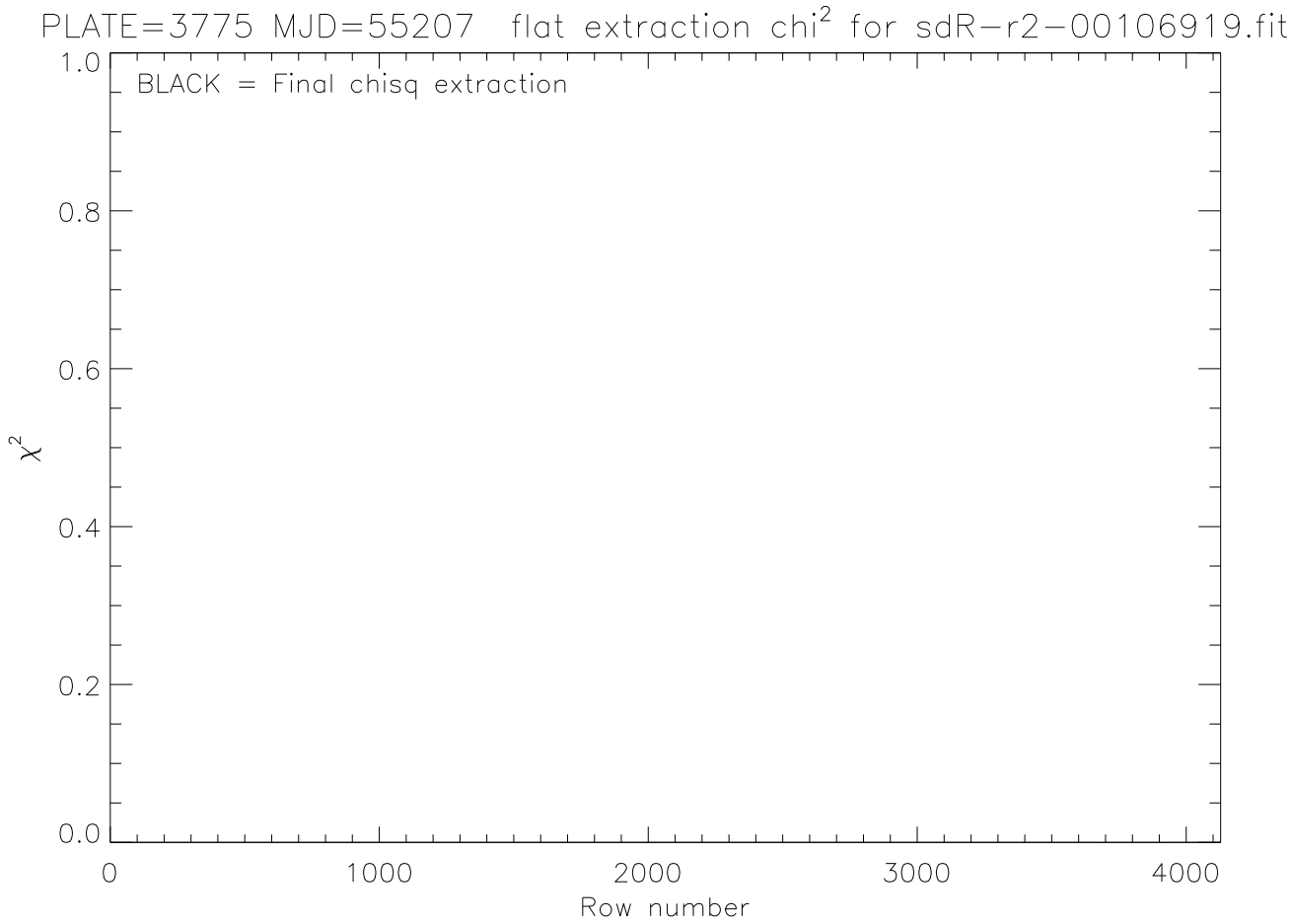

PLATE=3775 MJD=55207 sdR-r1-00106925.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
Fiber number
RED = sky fiber
Dispersion = 1.42 %
Flux (8888.3)/Airmass
Focal Distance [mm]
Flux (8888.3)/Airmass
Airmass

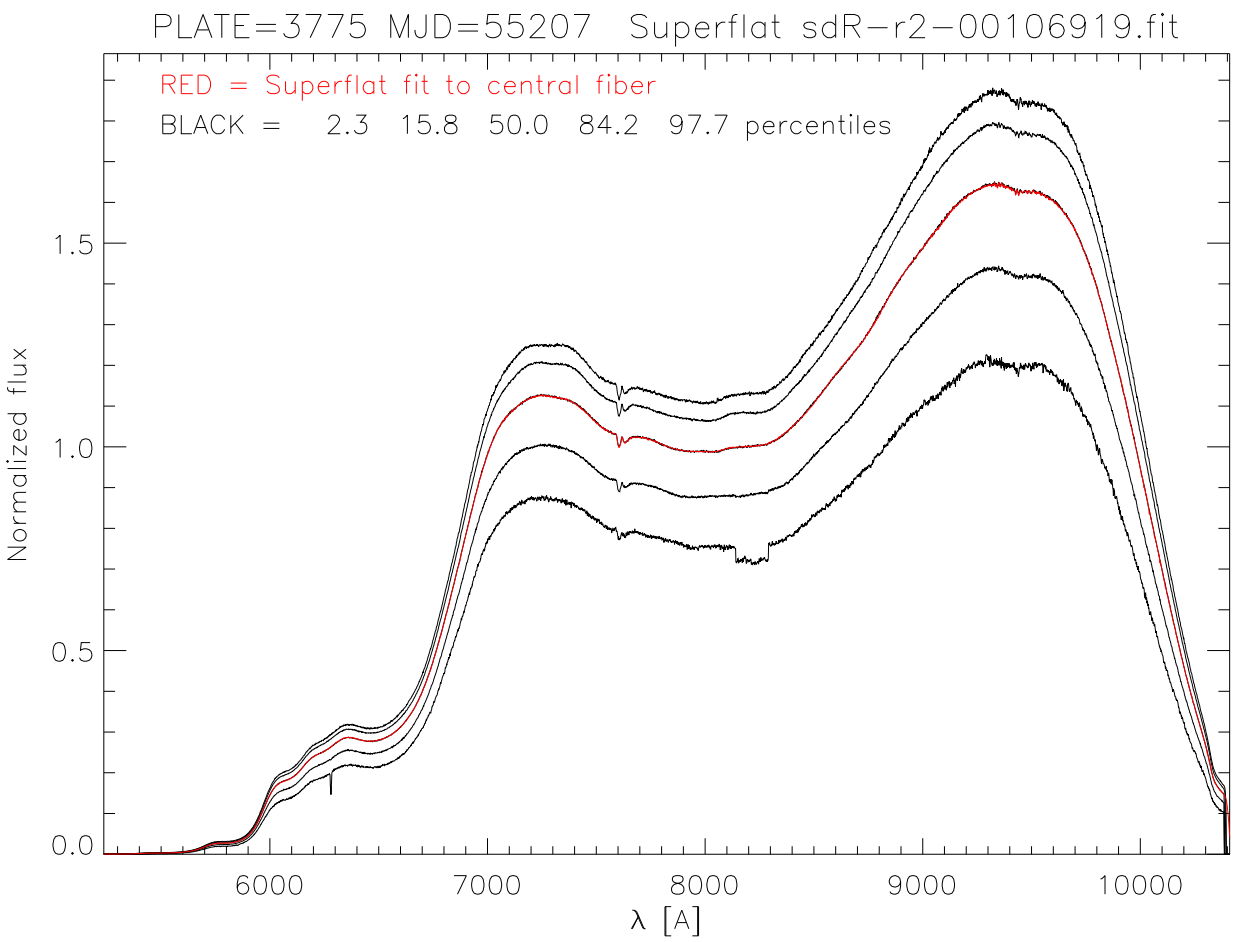
PLATE=3775 MJD=55207 Traces sdR-r2-00106919.fit

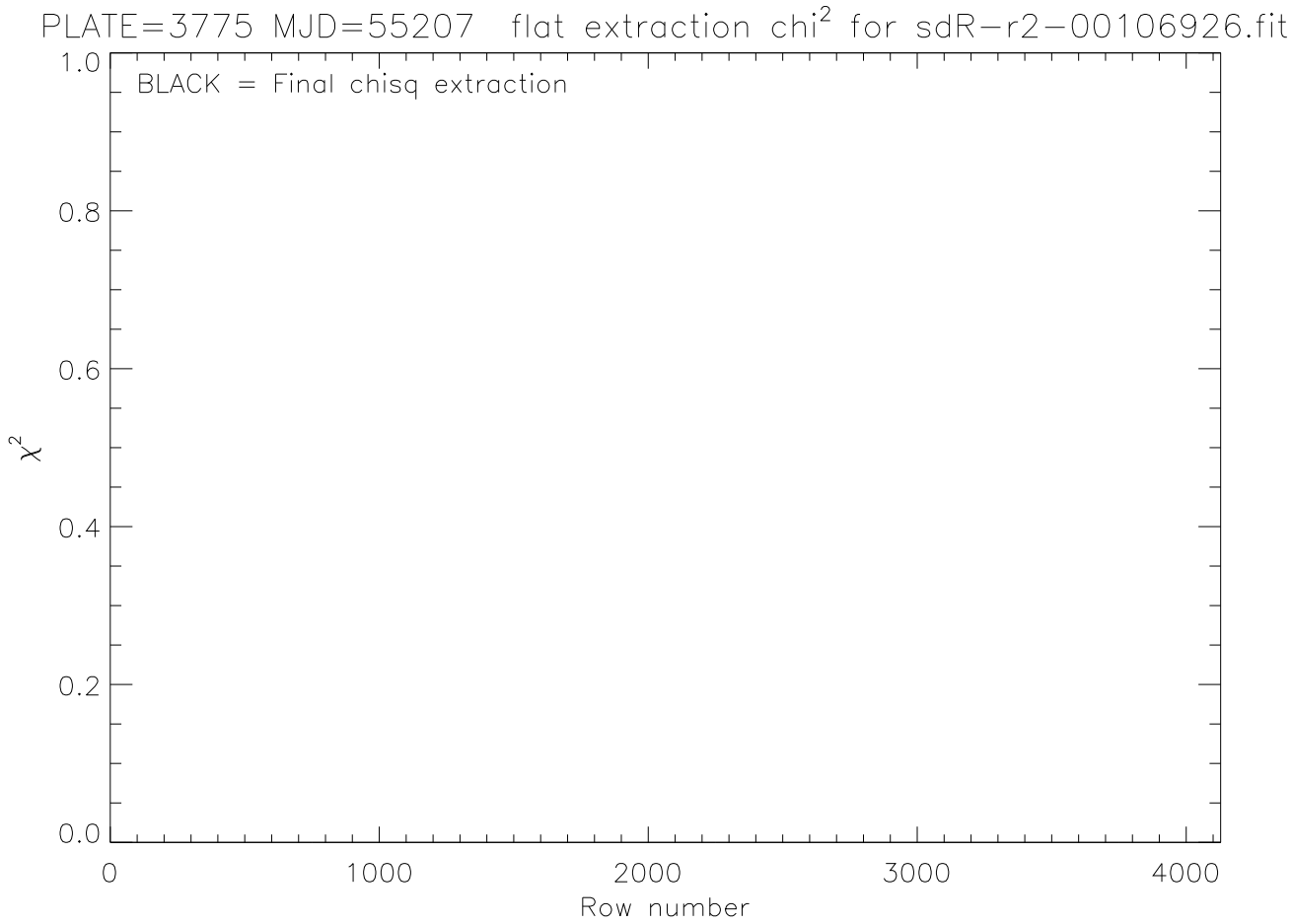


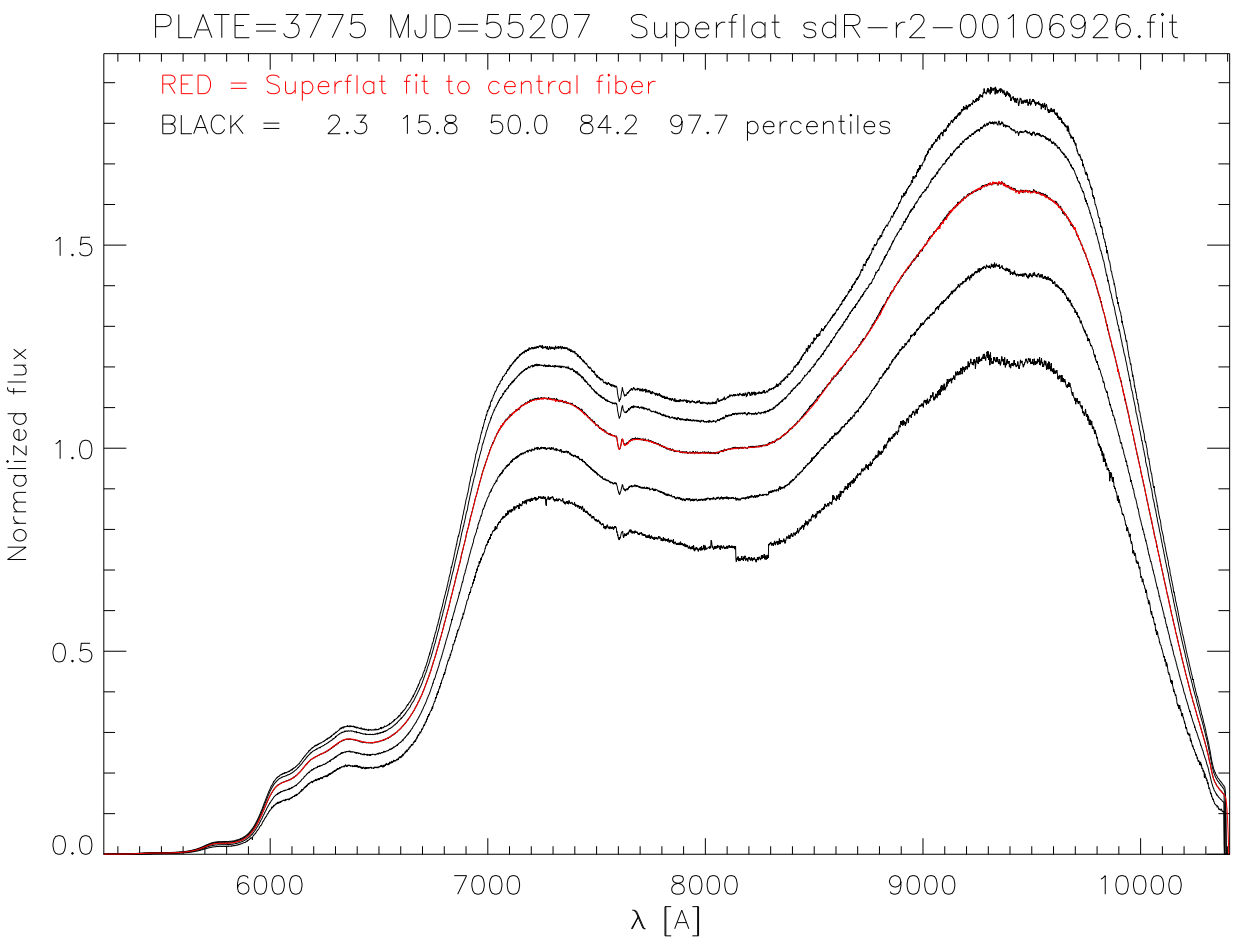
PLATE=3775 MJD=55207 Traces sdR-r2-00106926.fit

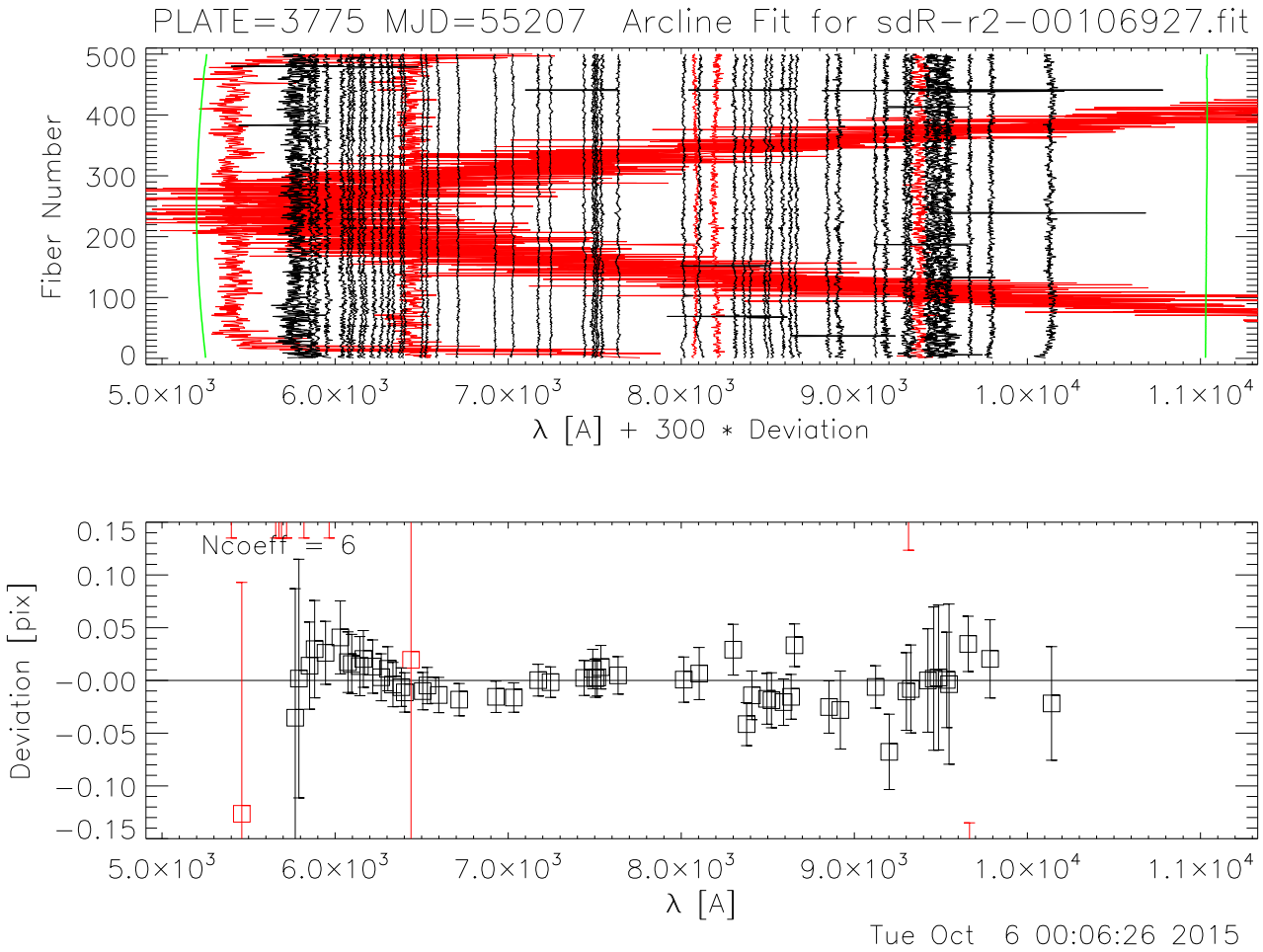


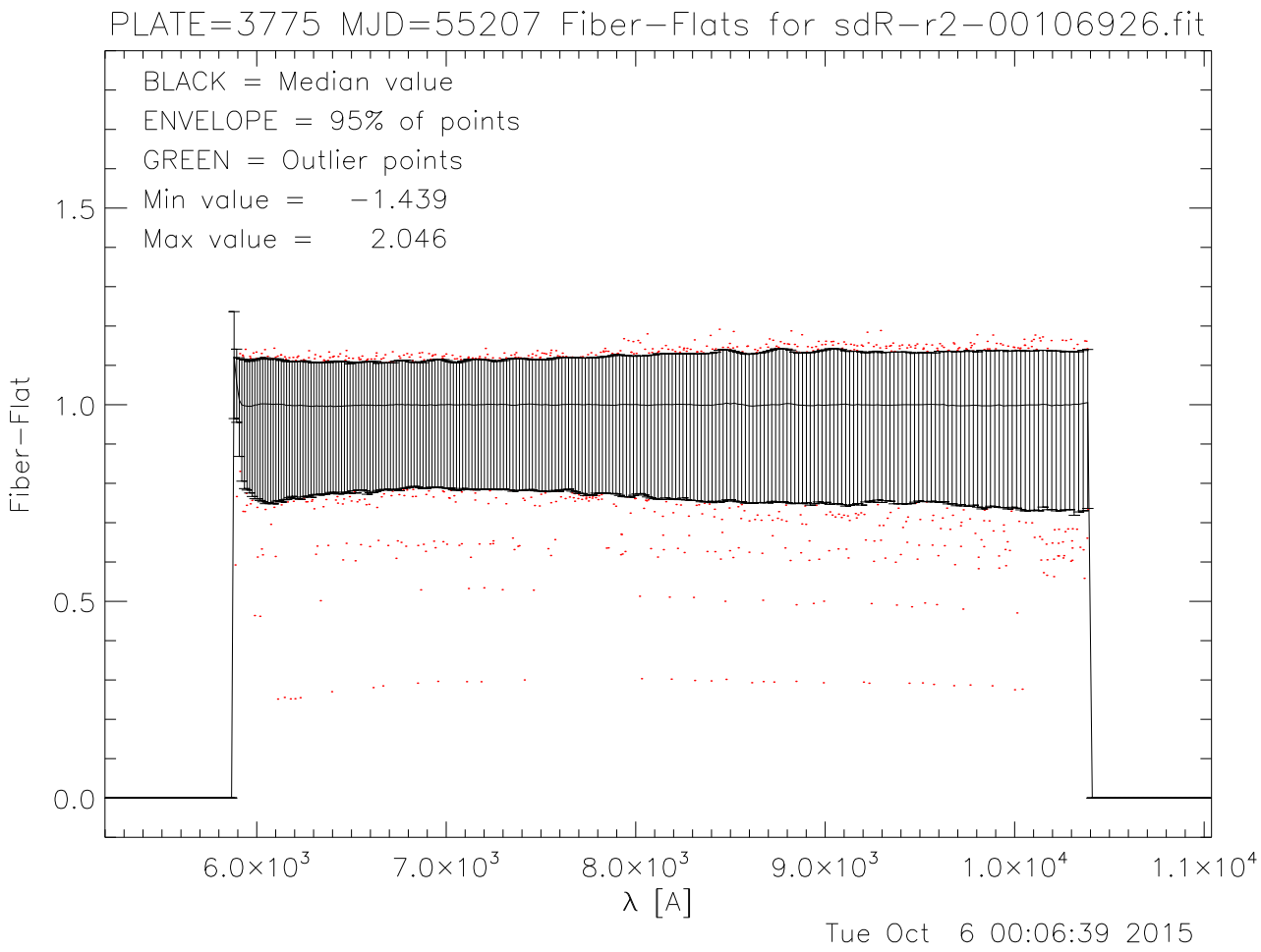

PLATE=3775 MJD=55207 flat extraction chi^2 for sdR−r2−00106919.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

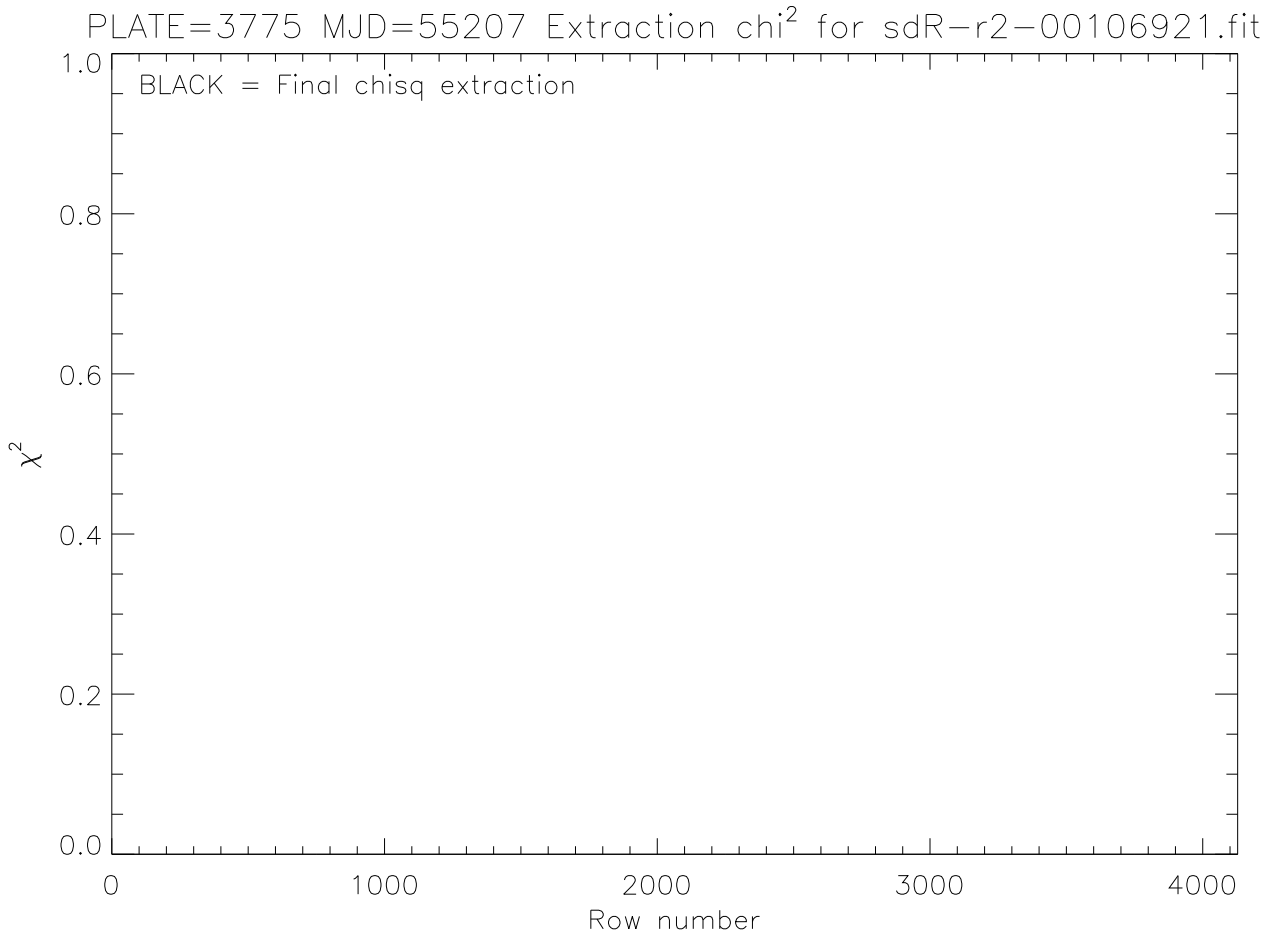

PLATE=3775 MJD=55207 Superflat sdR-r2-00106919.fit
RED = Superflat fit to central fiber
BLACK = 2.3 15.8 50.0 84.2 97.7 percentiles
Normalized flux
0.0
0.5
1.0
1.5
6000
7000
8000
9000
10000
λ [A]

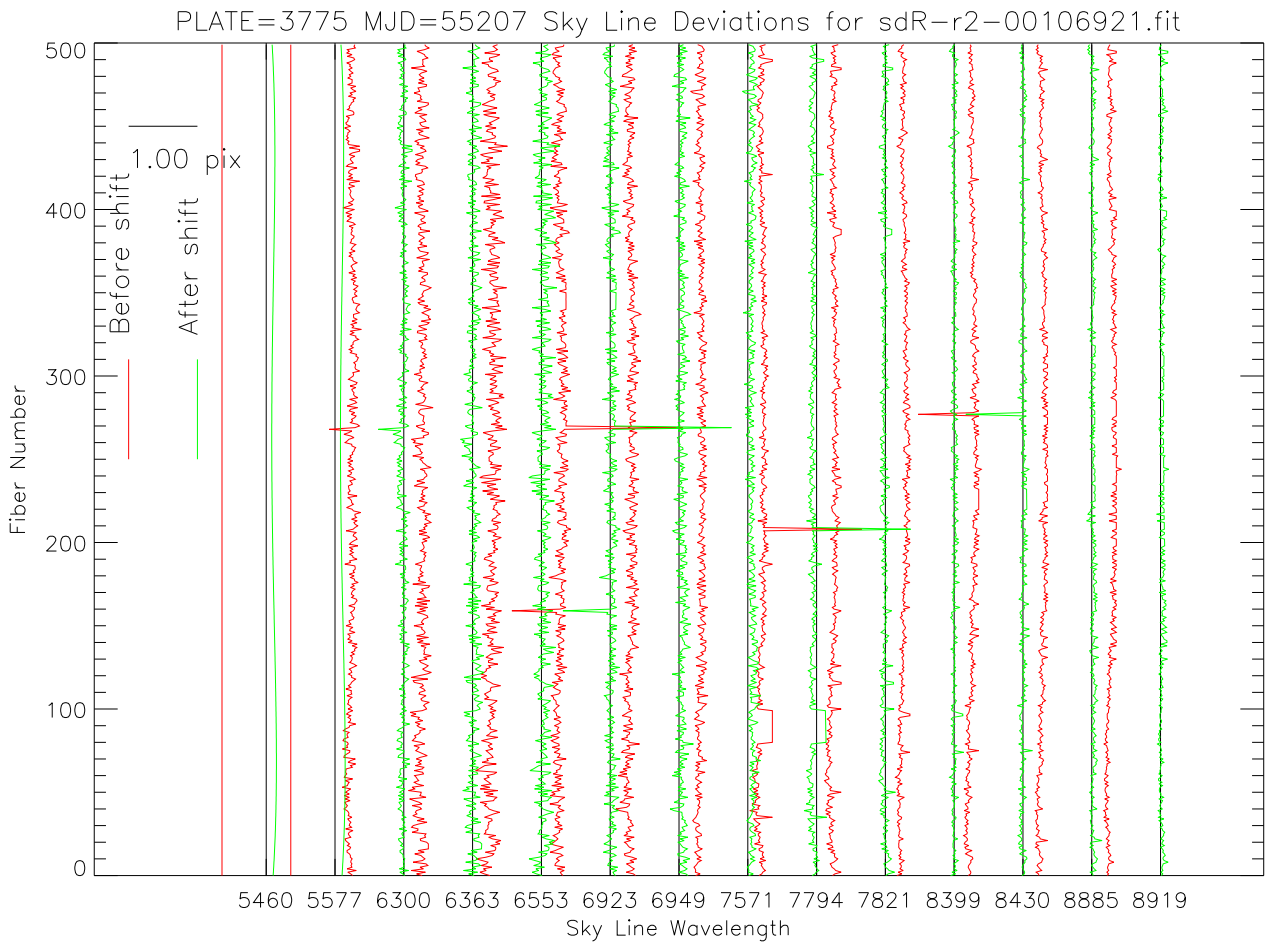

PLATE=3775 MJD=55207 flat extraction chi^2 for sdR−r2−00106926.fit
BLACK = Final chisq extraction
1.0
0.8
0.6
0.4
0.2
0.0
χ^2
0
1000
2000
3000
4000
Row number

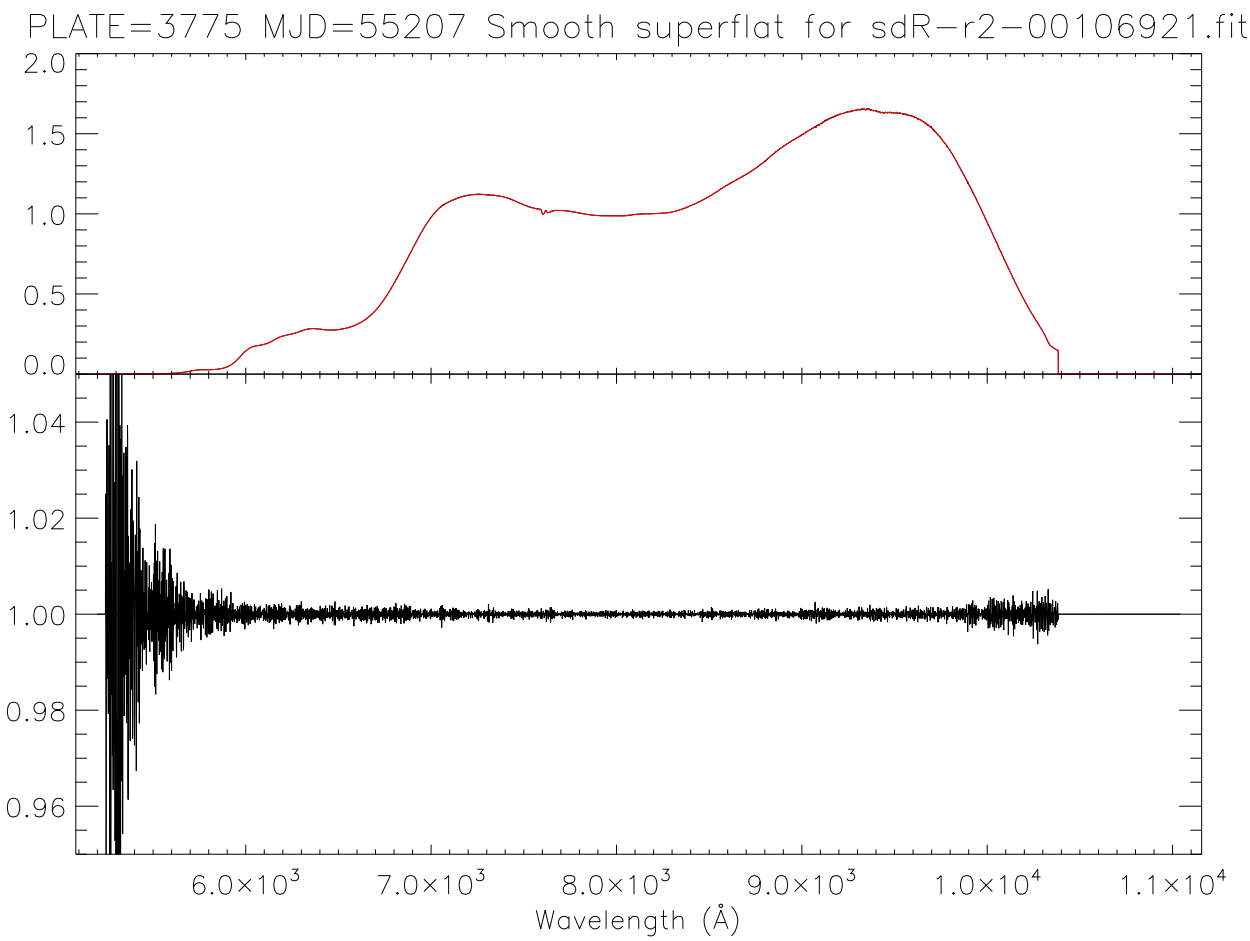

PLATE=3775 MJD=55207 Superflat sdR-r2-00106926.fit
RED = Superflat fit to central fiber
BLACK = 2.3 15.8 50.0 84.2 97.7 percentiles
Normalized flux
0.0
0.5
1.0
1.5
6000
7000
8000
9000
10000
λ [A]

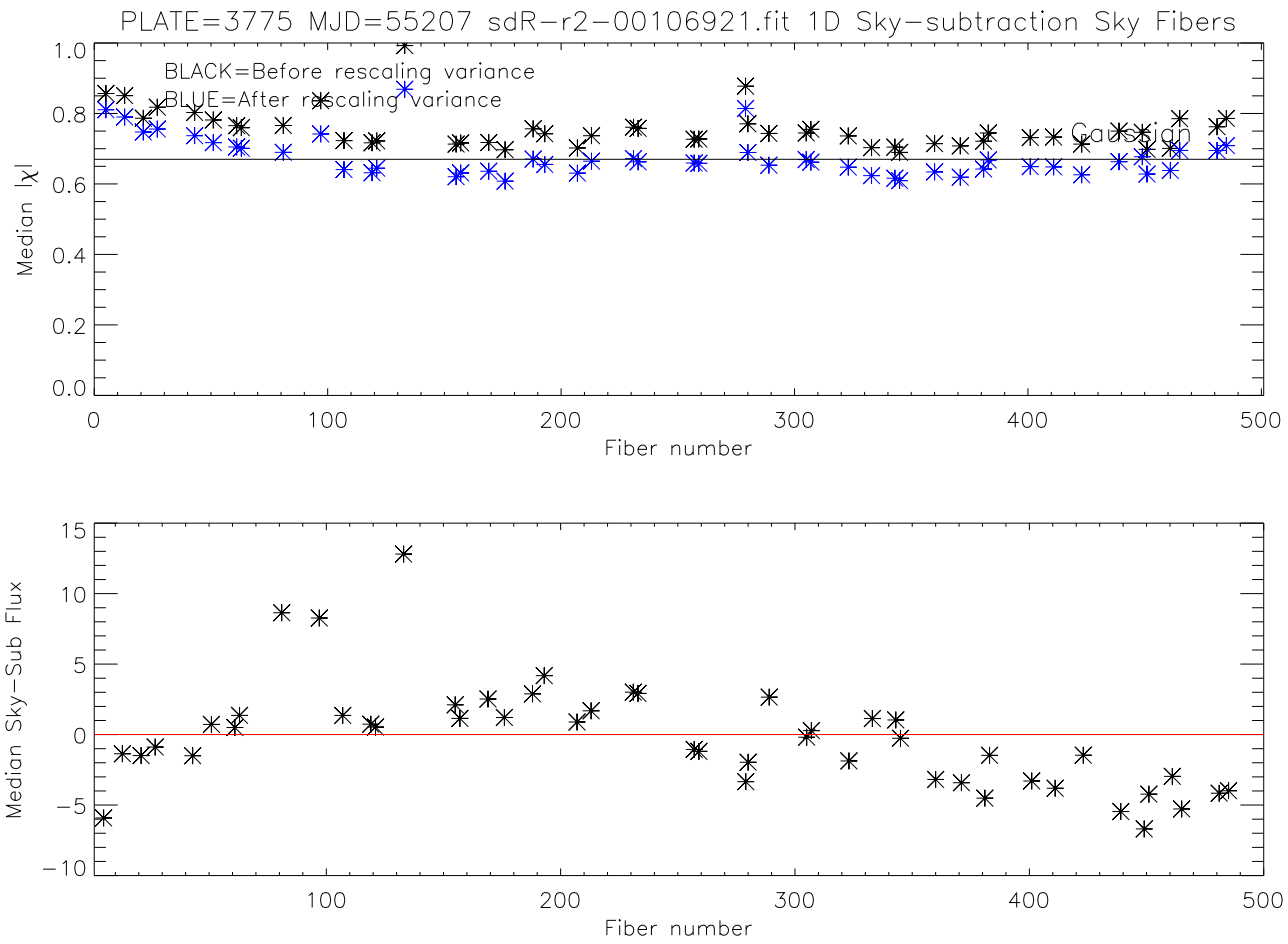

PLATE=3775 MJD=55207 Arcline Fit for sdR-r2-00106927.fit
Fiber Number
500
400
300
200
100
0
5.0×10^3
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
λ [A] + 300 * Deviation
Ncoeff = 6
Deviation [pix]
0.15
0.10
0.05
−0.00
−0.05
−0.10
−0.15
λ [A]
Tue Oct 6 00:06:26 2015

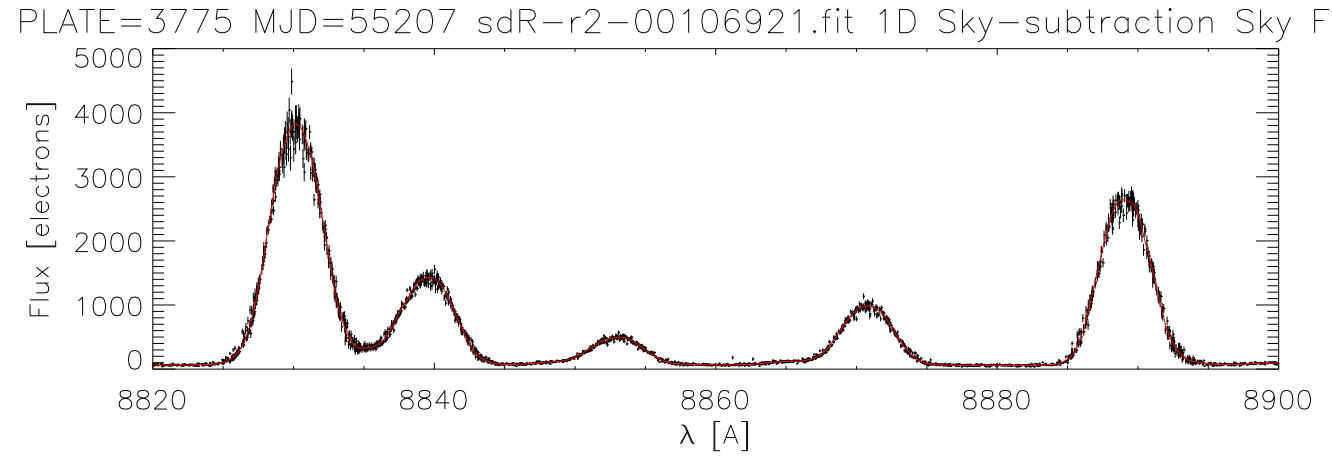

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r2−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −1.439
Max value = 2.046
Fiber−Flat
1.5
1.0
0.5
0.0
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
λ [A]
Tue Oct 6 00:06:39 2015

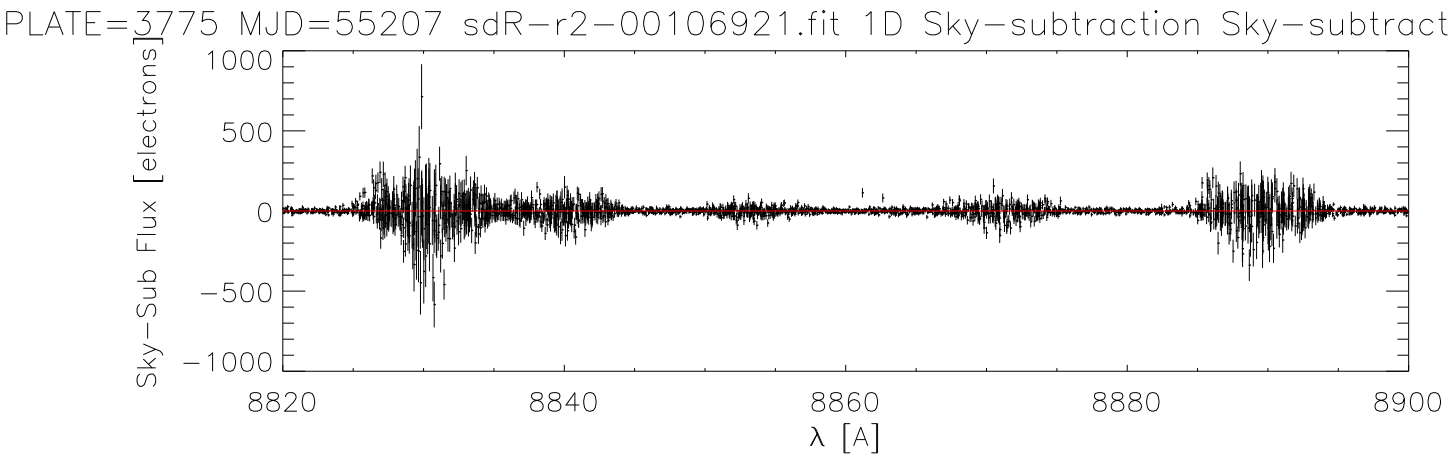

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r2−00106921.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r2-00106921.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength

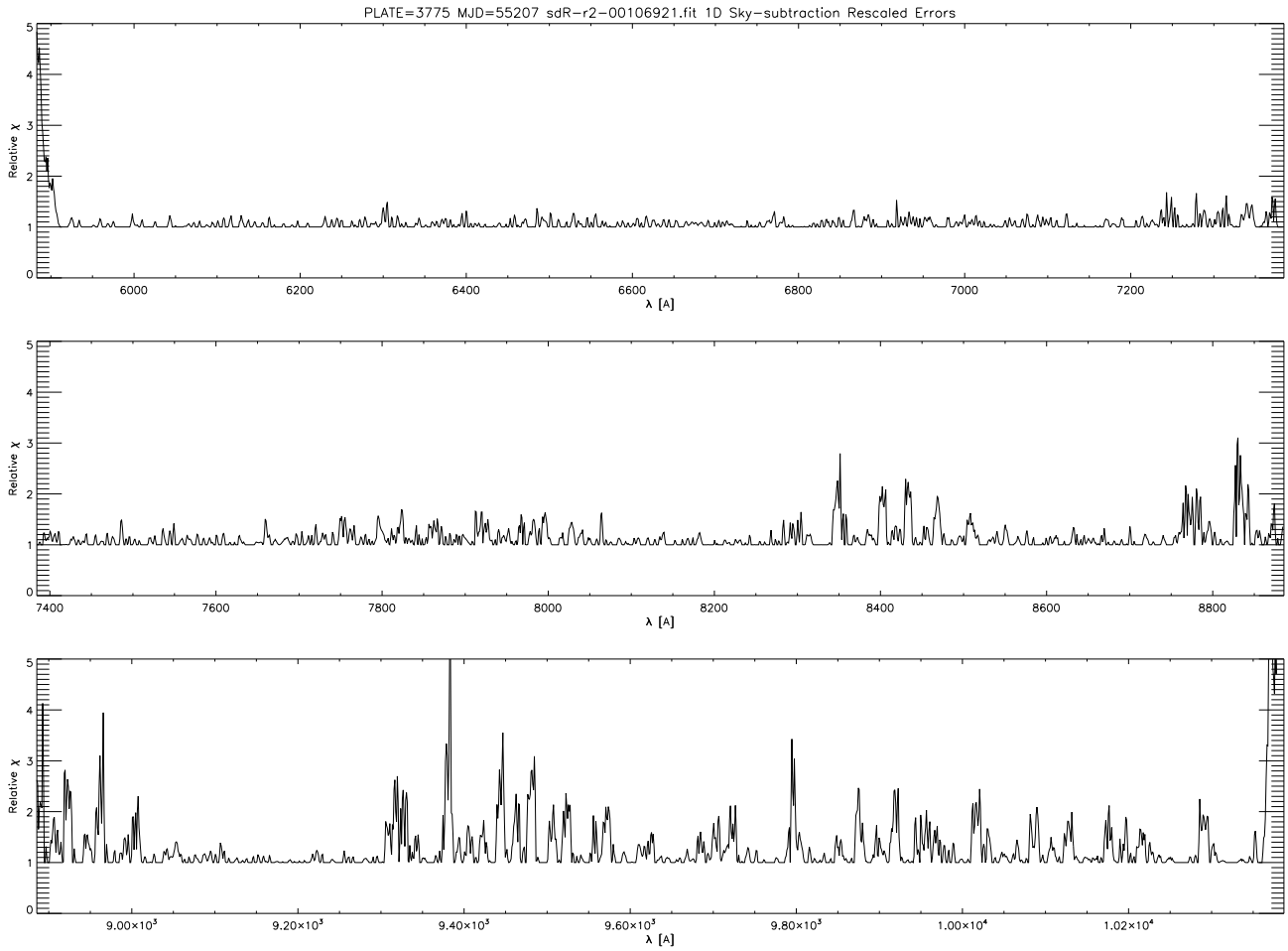

PLATE=3775 MJD=55207 Smooth superflat for sdR-r2-00106921.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

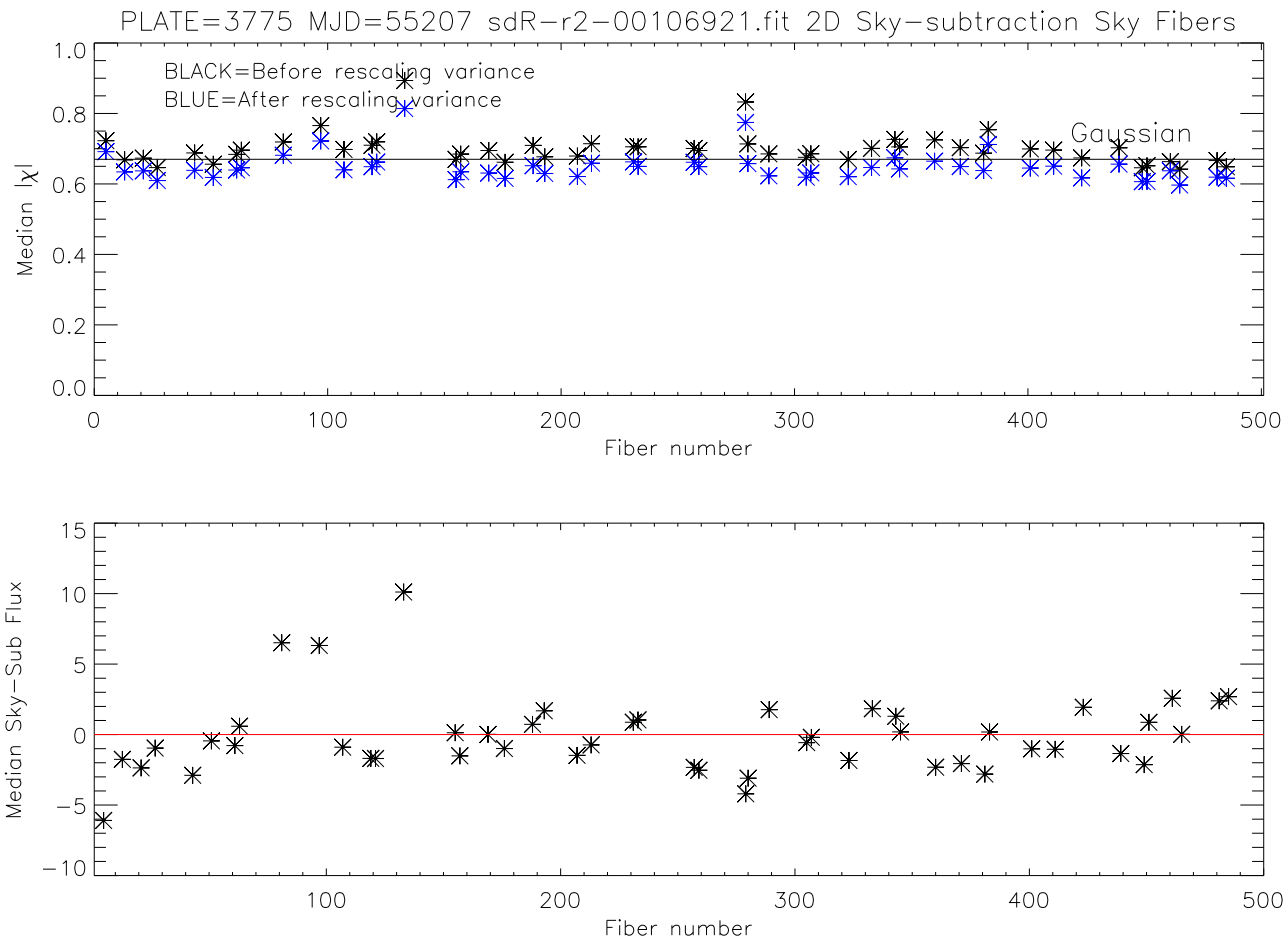

PLATE=3775 MJD=55207 sdR-r2-00106921.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian CDF
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

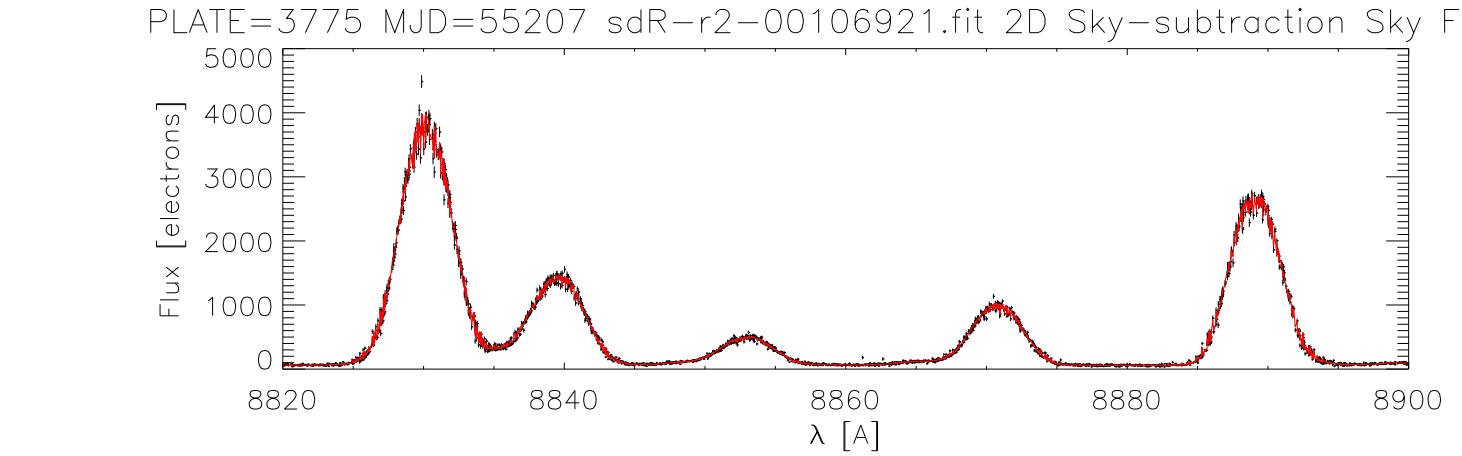

PLATE=3775 MJD=55207 sdR-r2-00106921.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

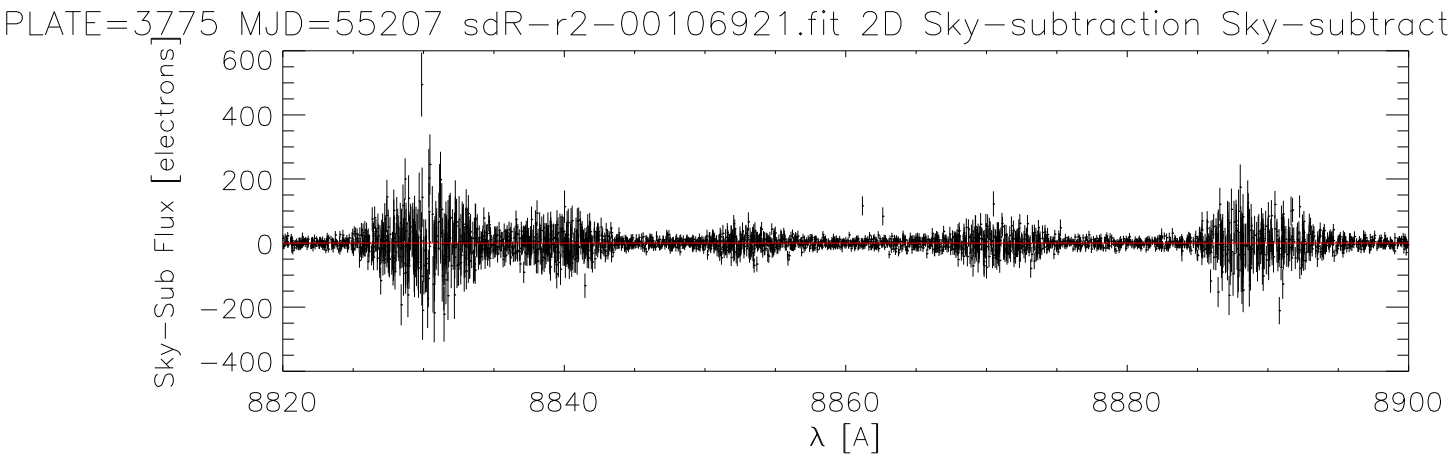

PLATE=3775 MJD=55207 sdR-r2-00106921.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
1000
500
0
-500
-1000
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 49

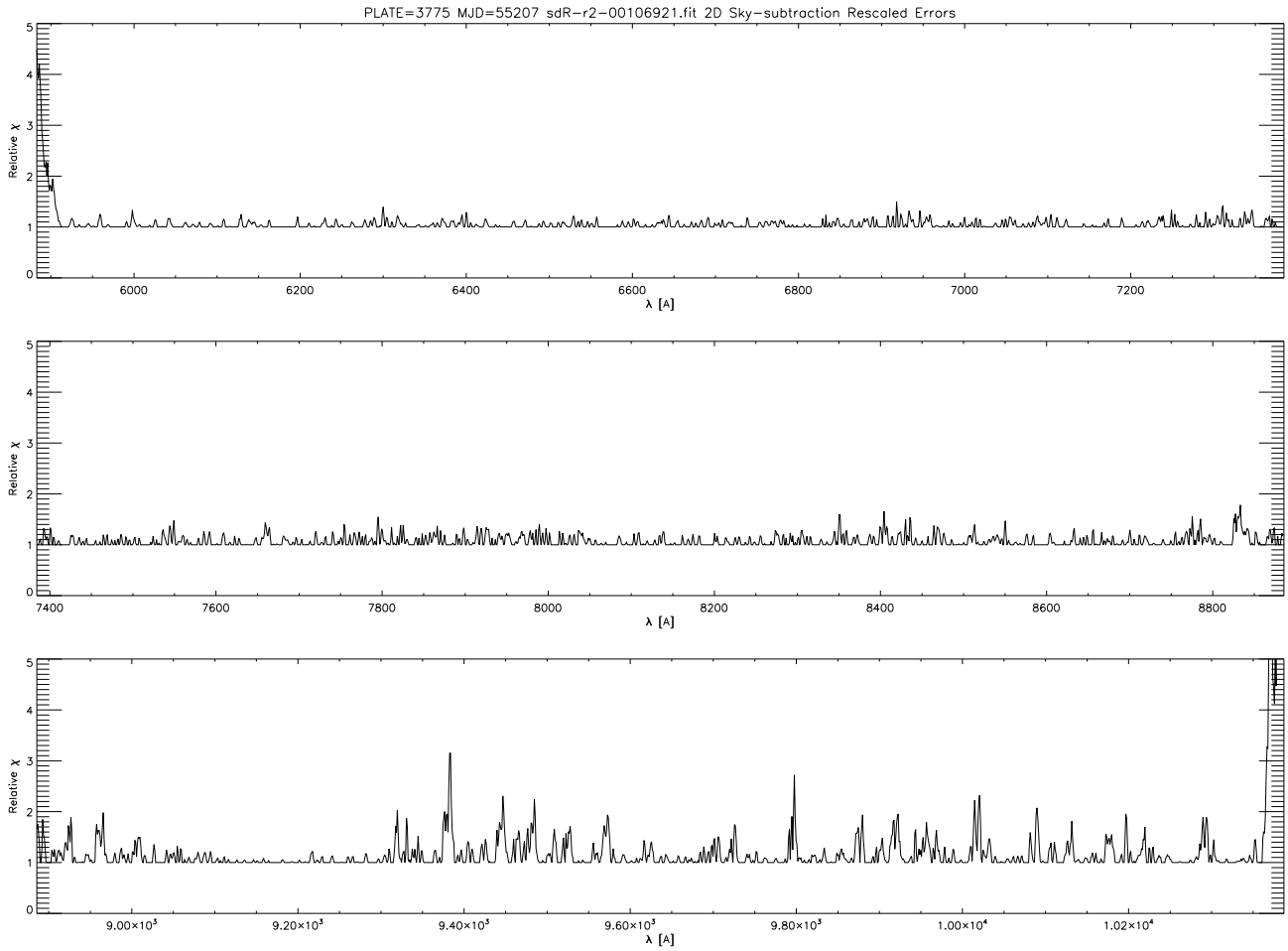


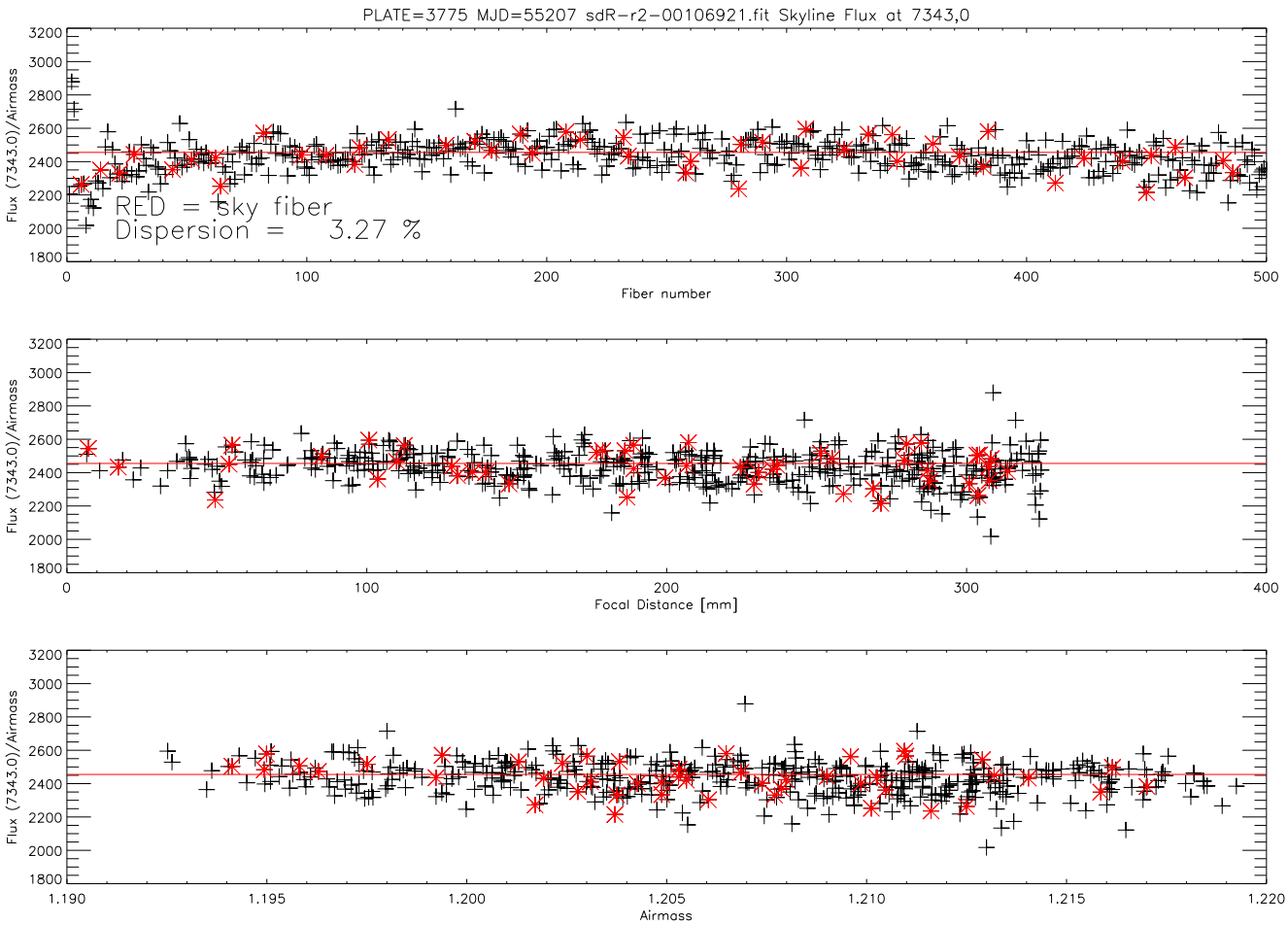

PLATE=3775 MJD=55207 sdR-r2-00106921.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

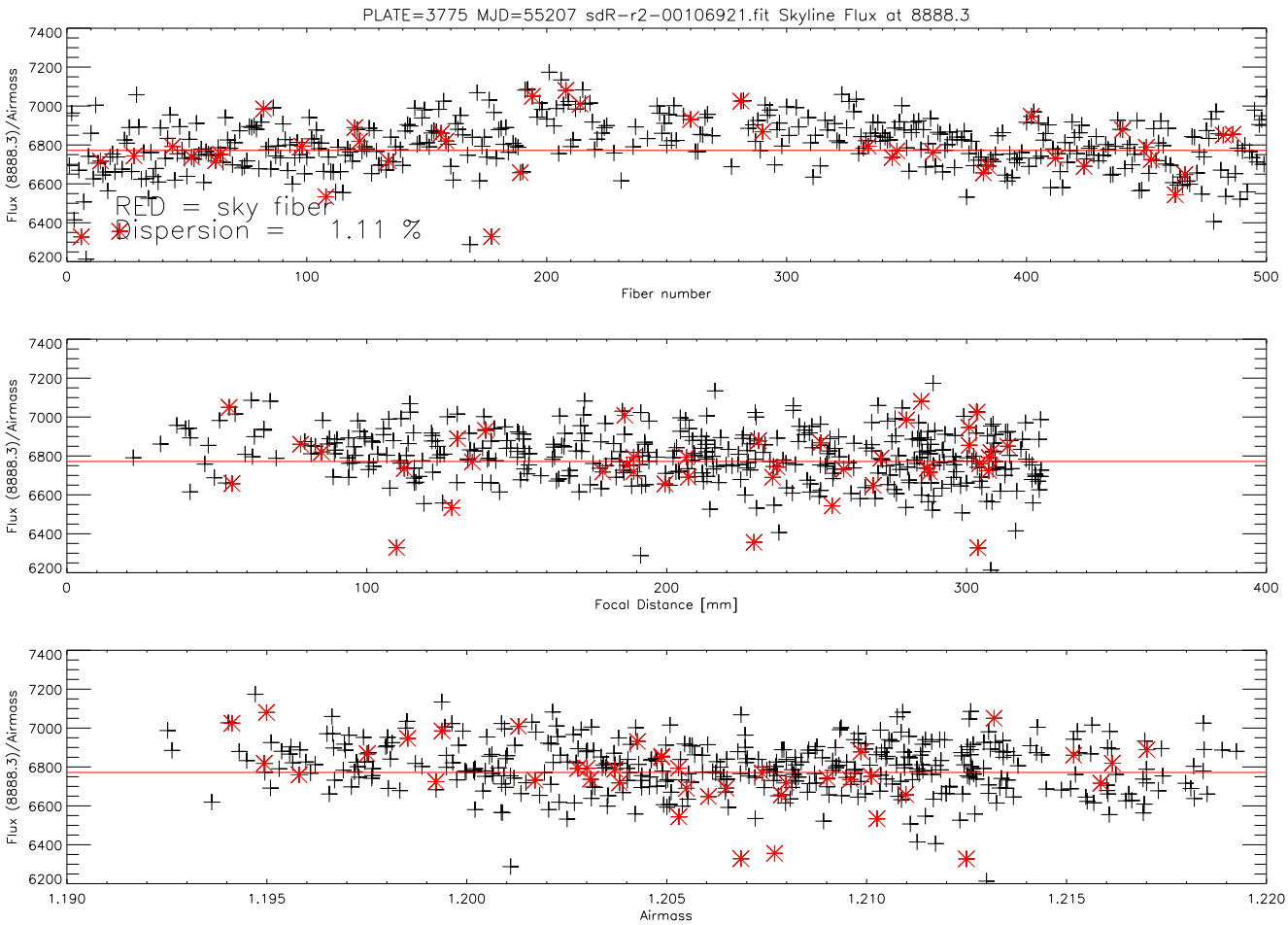

PLATE=3775 MJD=55207 sdR-r2-00106921.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

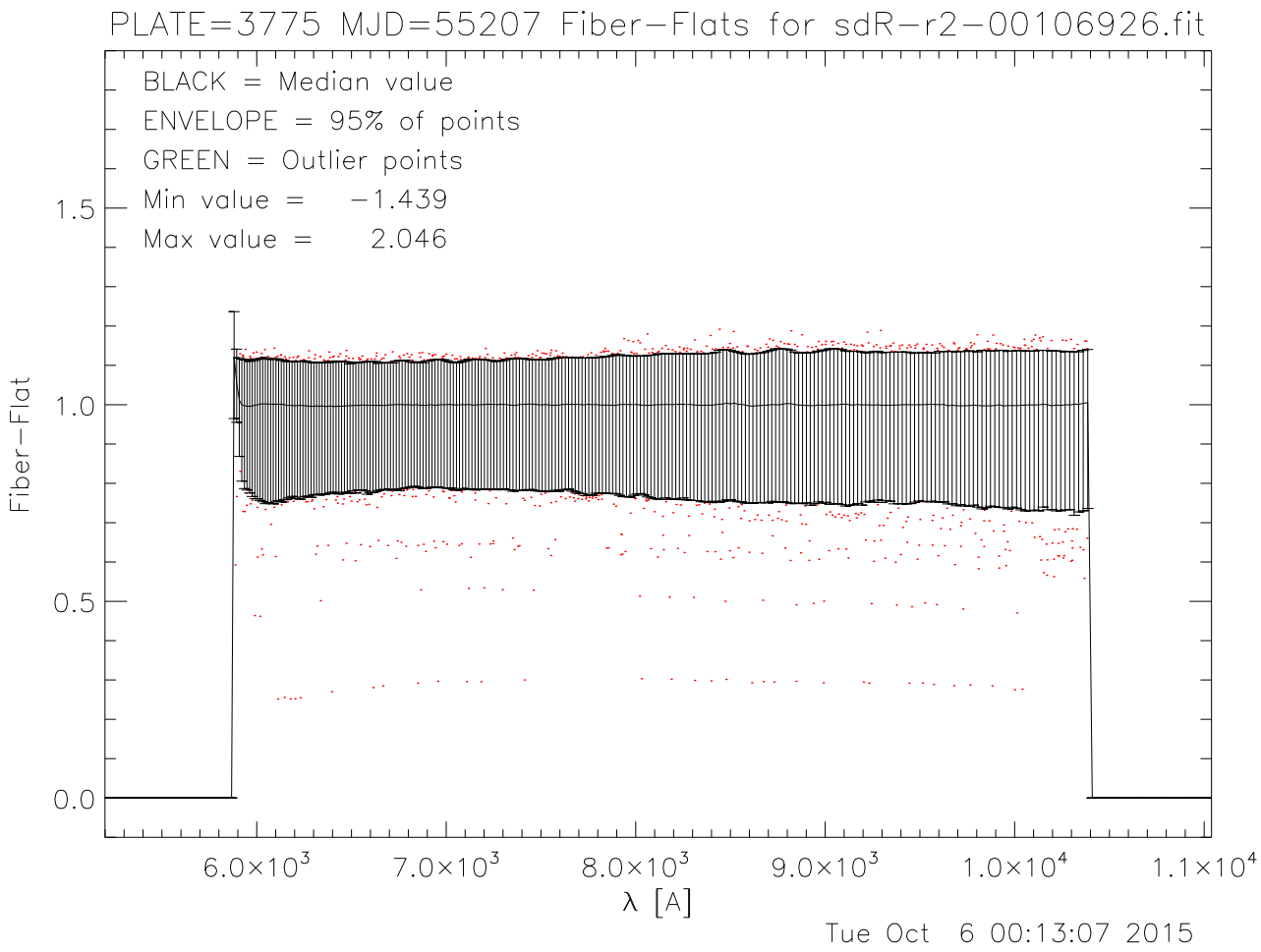

PLATE=3775 MJD=55207 sdR-r2-00106921.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
600
400
200
0
-200
-400
8820
8840
8860
8880
8900
λ [A]

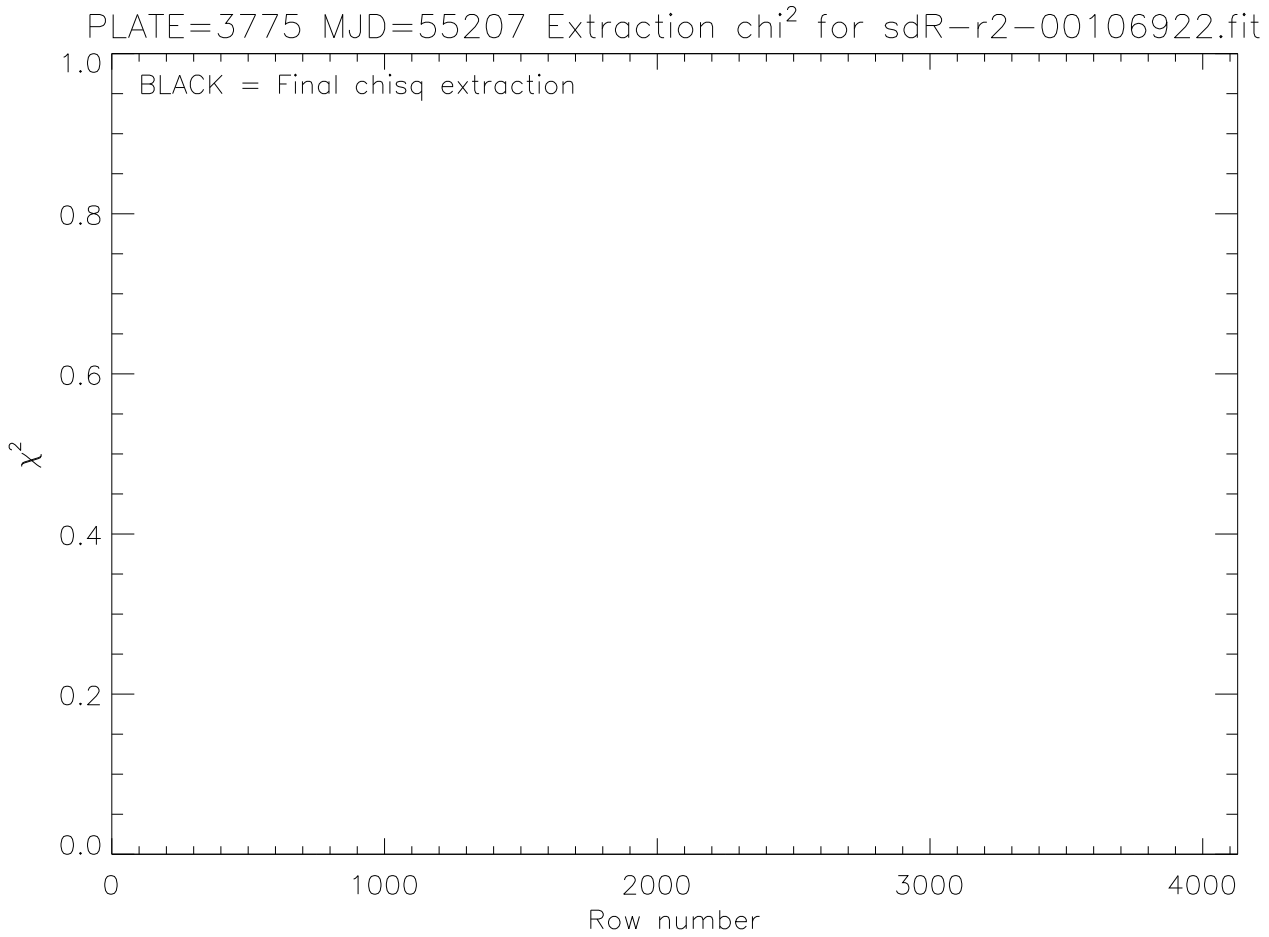
Number of sky fibers = 49

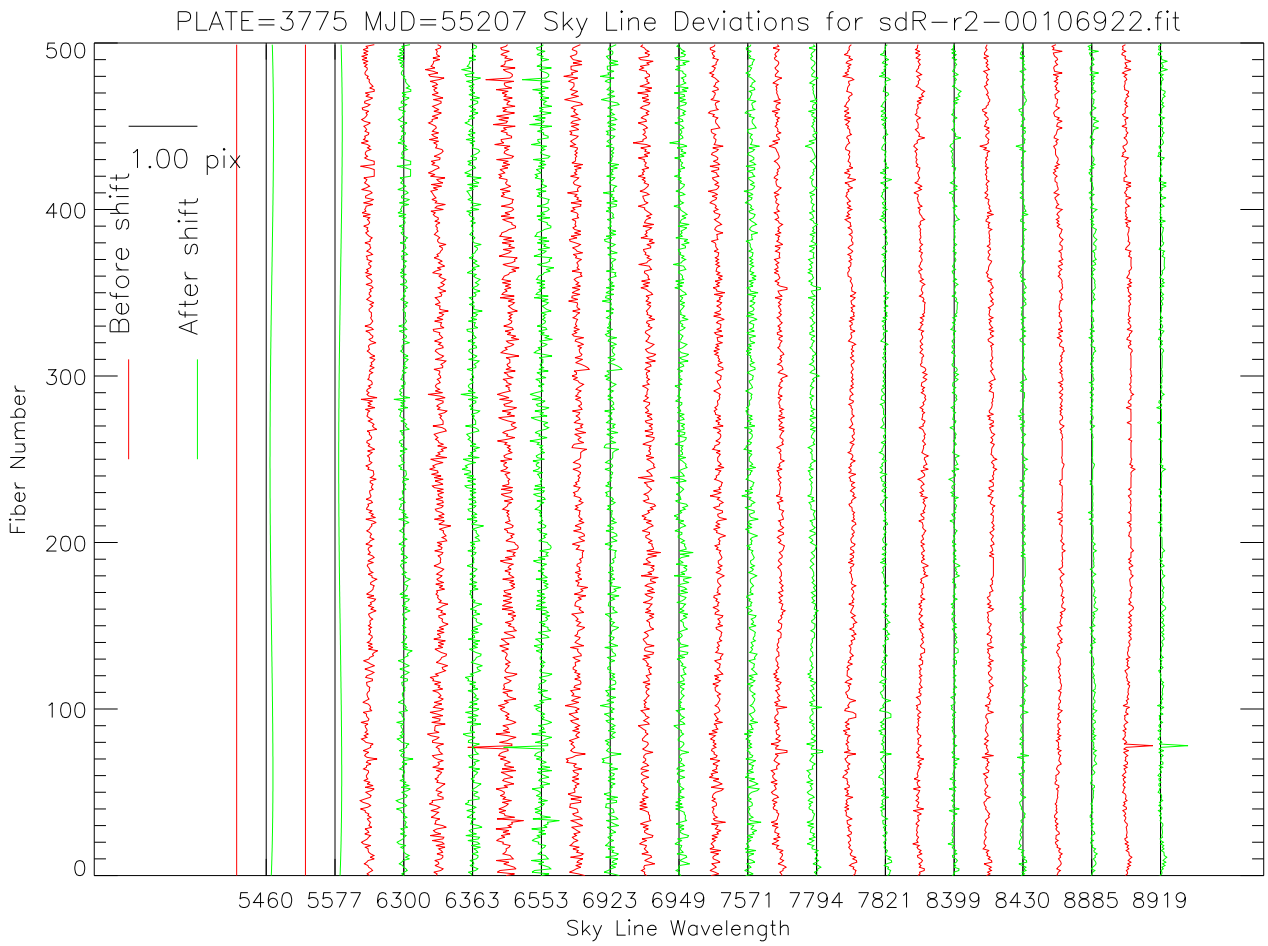


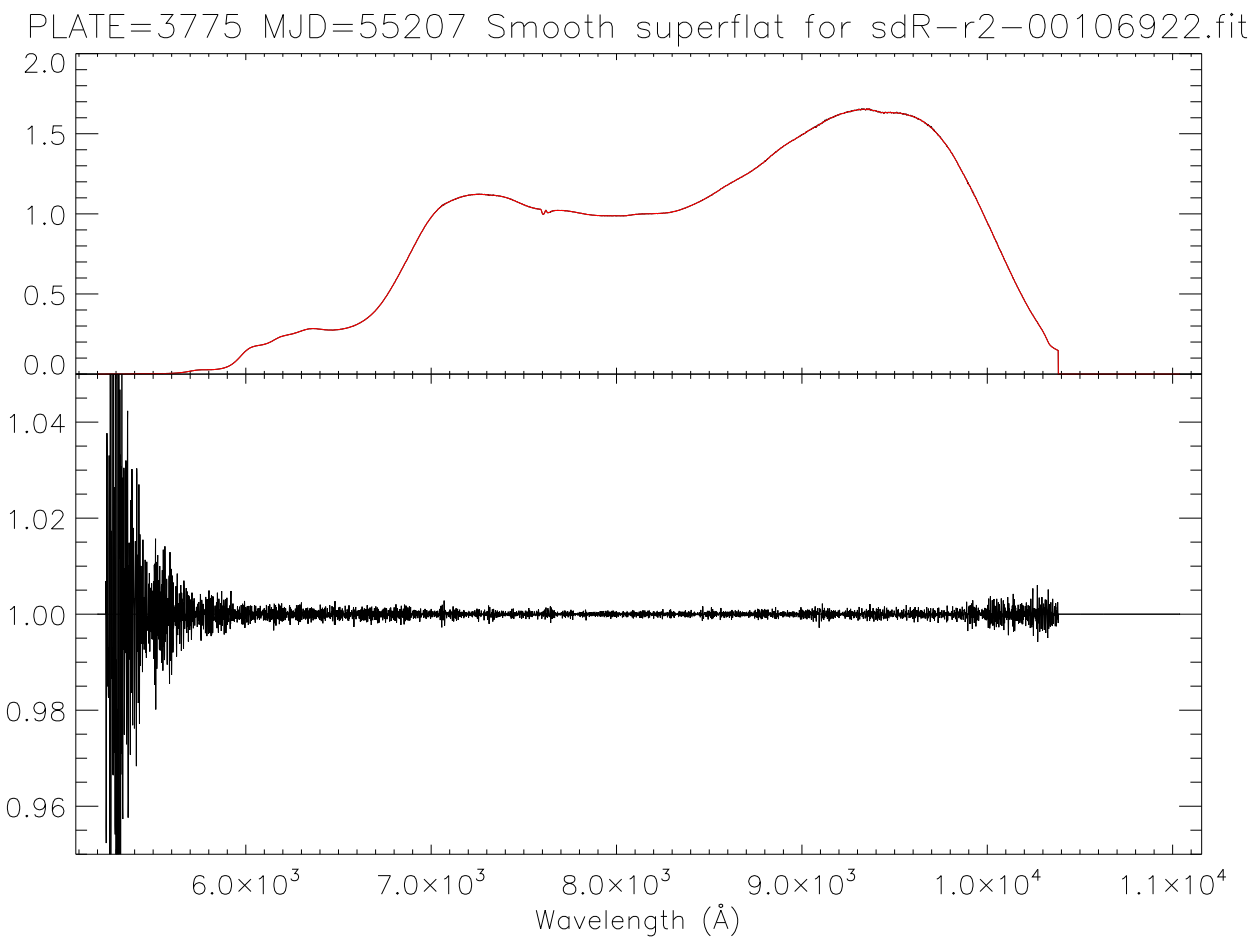

PLATE=3775 MJD=55207 sdR-r2-00106921.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
Fiber number
RED = sky fiber
Dispersion = 3.27 %
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

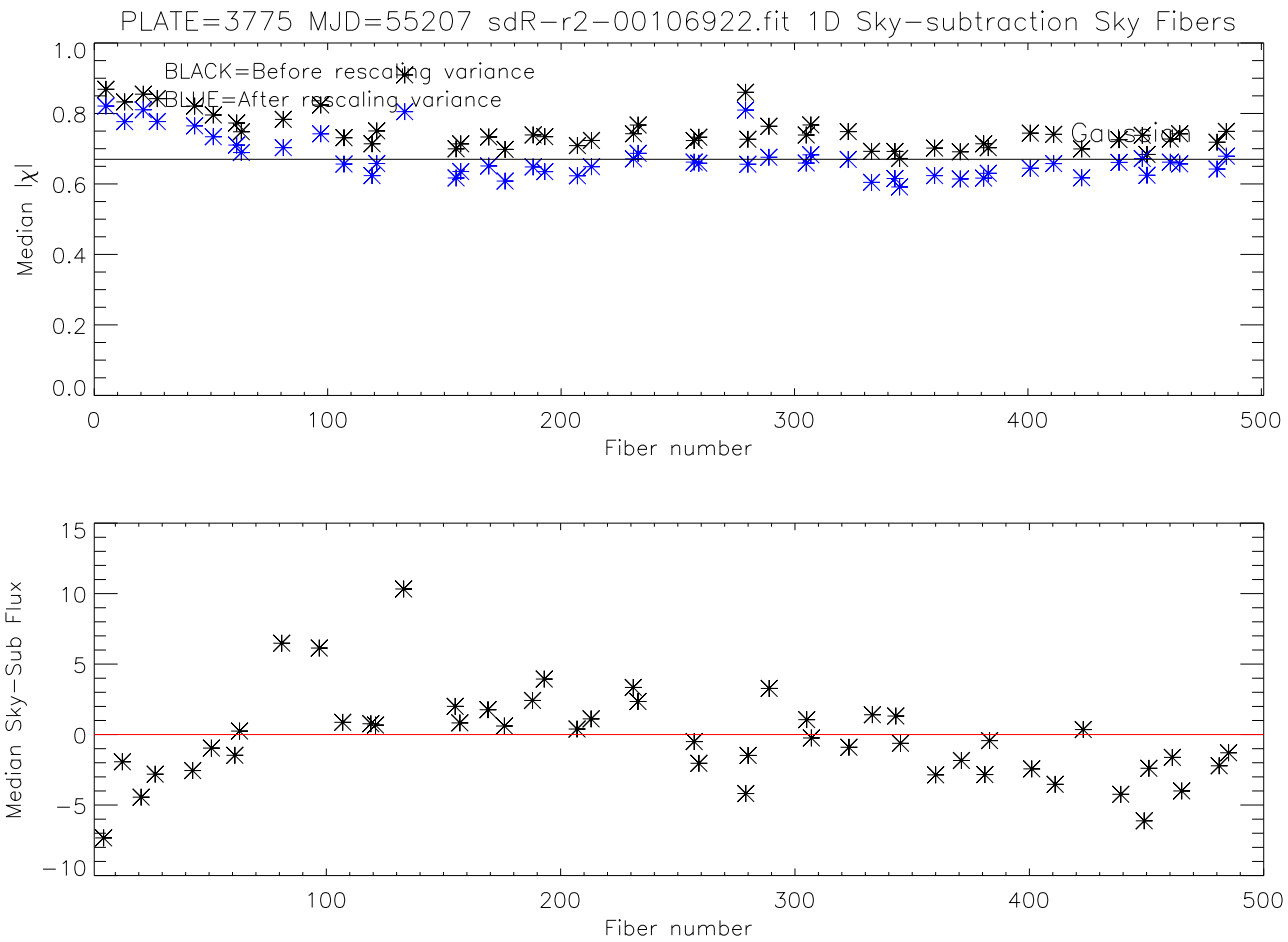

PLATE=3775 MJD=55207 sdR-r2-00106921.fit Skyline Flux at 8888.3
RED = sky fiber
Dispersion = 1.11 %
Flux (8888.3)/Airmass
Fiber number
Focal Distance [mm]
Airmass

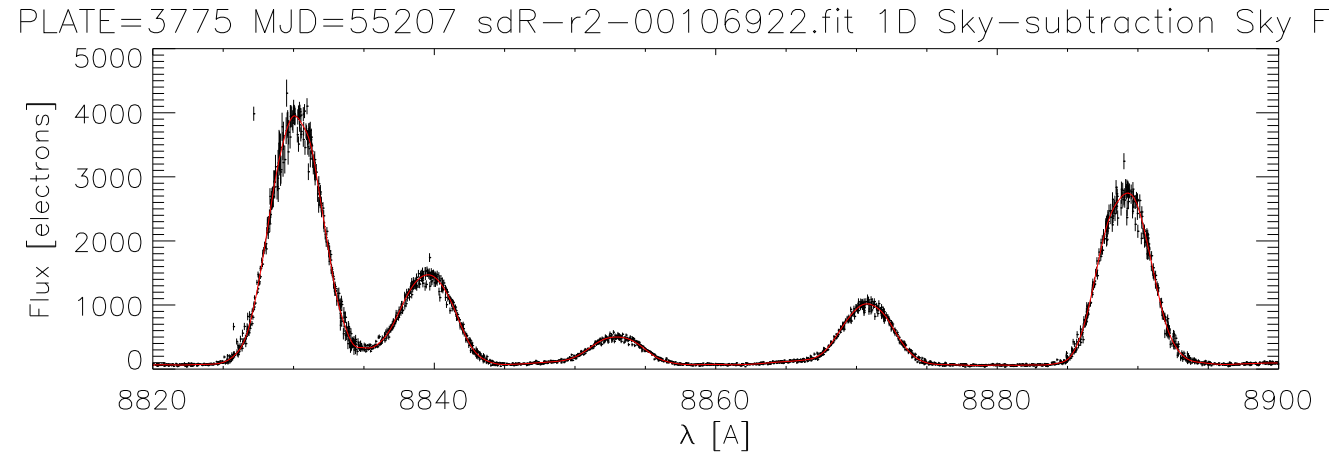

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r2−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −1.439
Max value = 2.046
Fiber−Flat
1.5
1.0
0.5
0.0
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
λ [A]
Tue Oct 6 00:13:07 2015

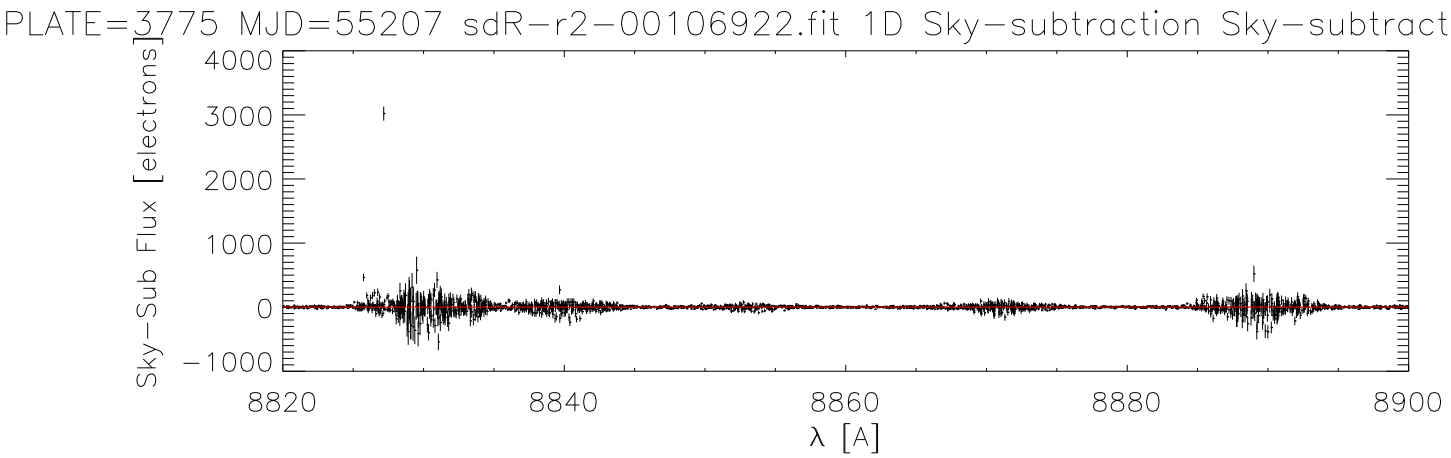

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r2−00106922.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r2-00106922.fit
Before shift
After shift
1.00 pix
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength

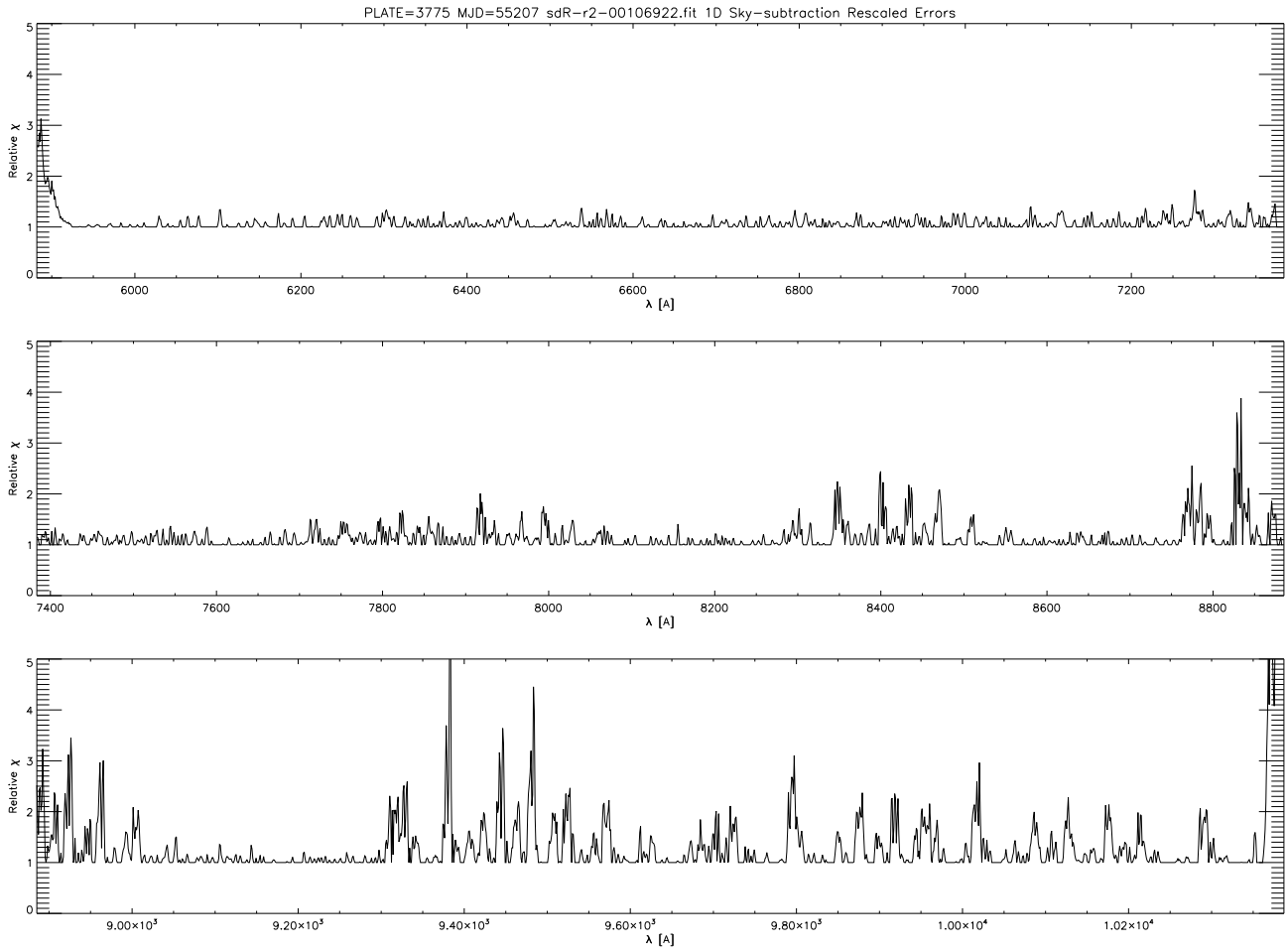

PLATE=3775 MJD=55207 Smooth superflat for sdR-r2-00106922.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

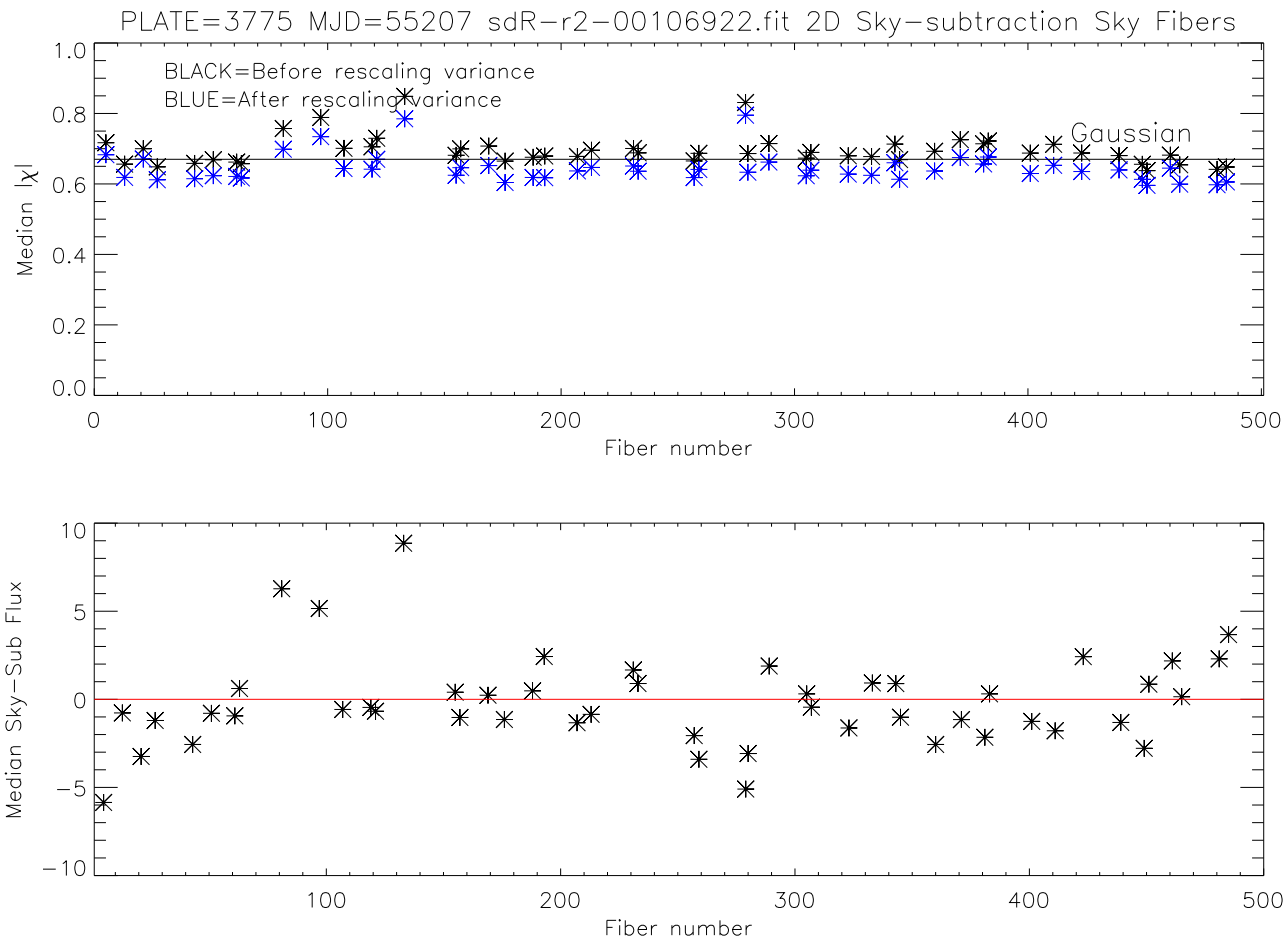

PLATE=3775 MJD=55207 sdR-r2-00106922.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

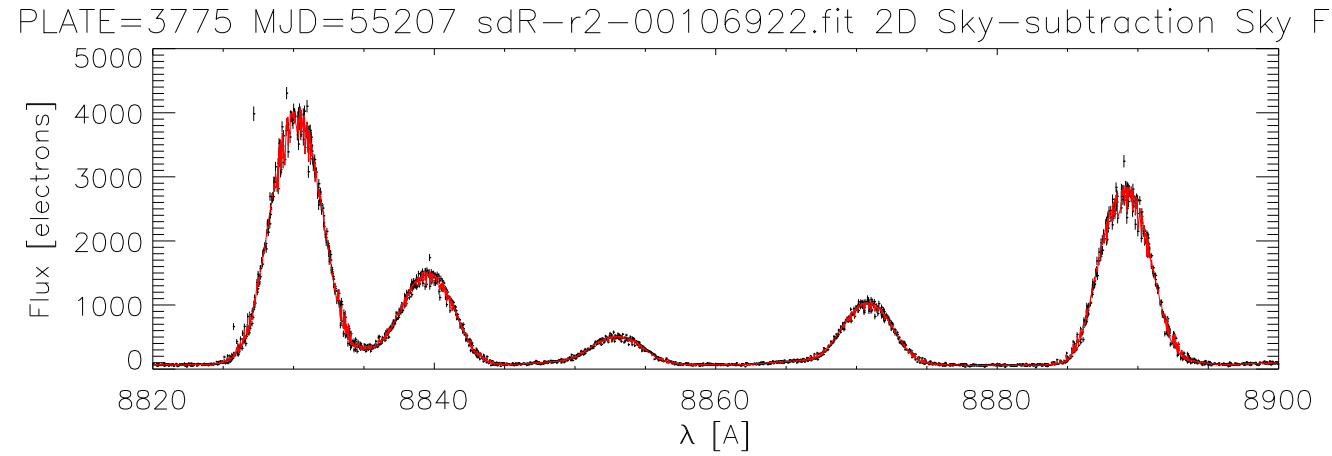

PLATE=3775 MJD=55207 sdR-r2-00106922.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

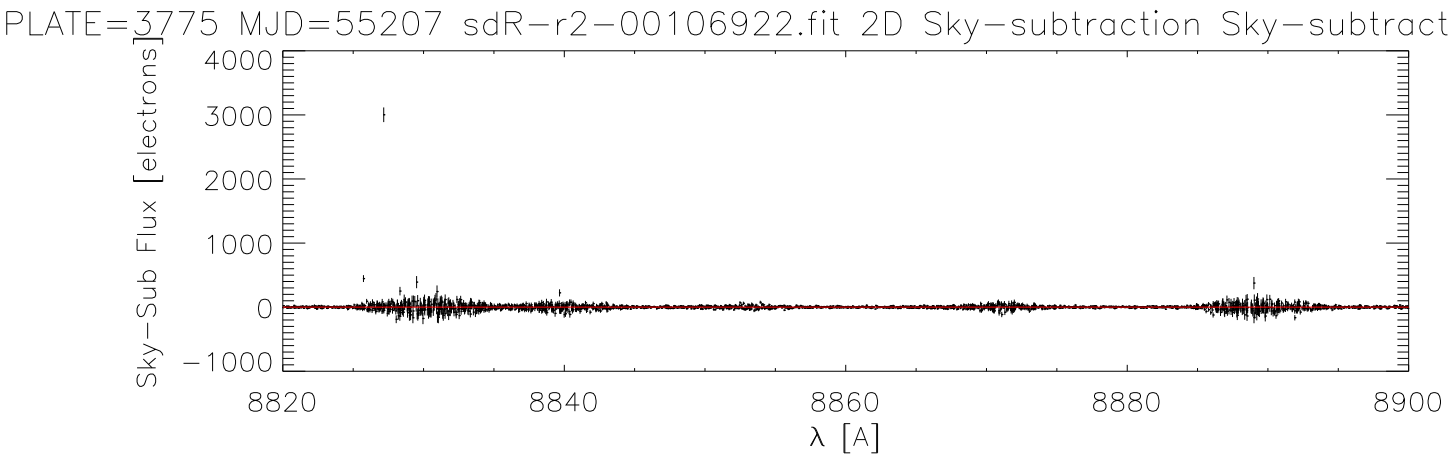

PLATE=3775 MJD=55207 sdR-r2-00106922.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
4000
3000
2000
1000
0
-1000
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 49

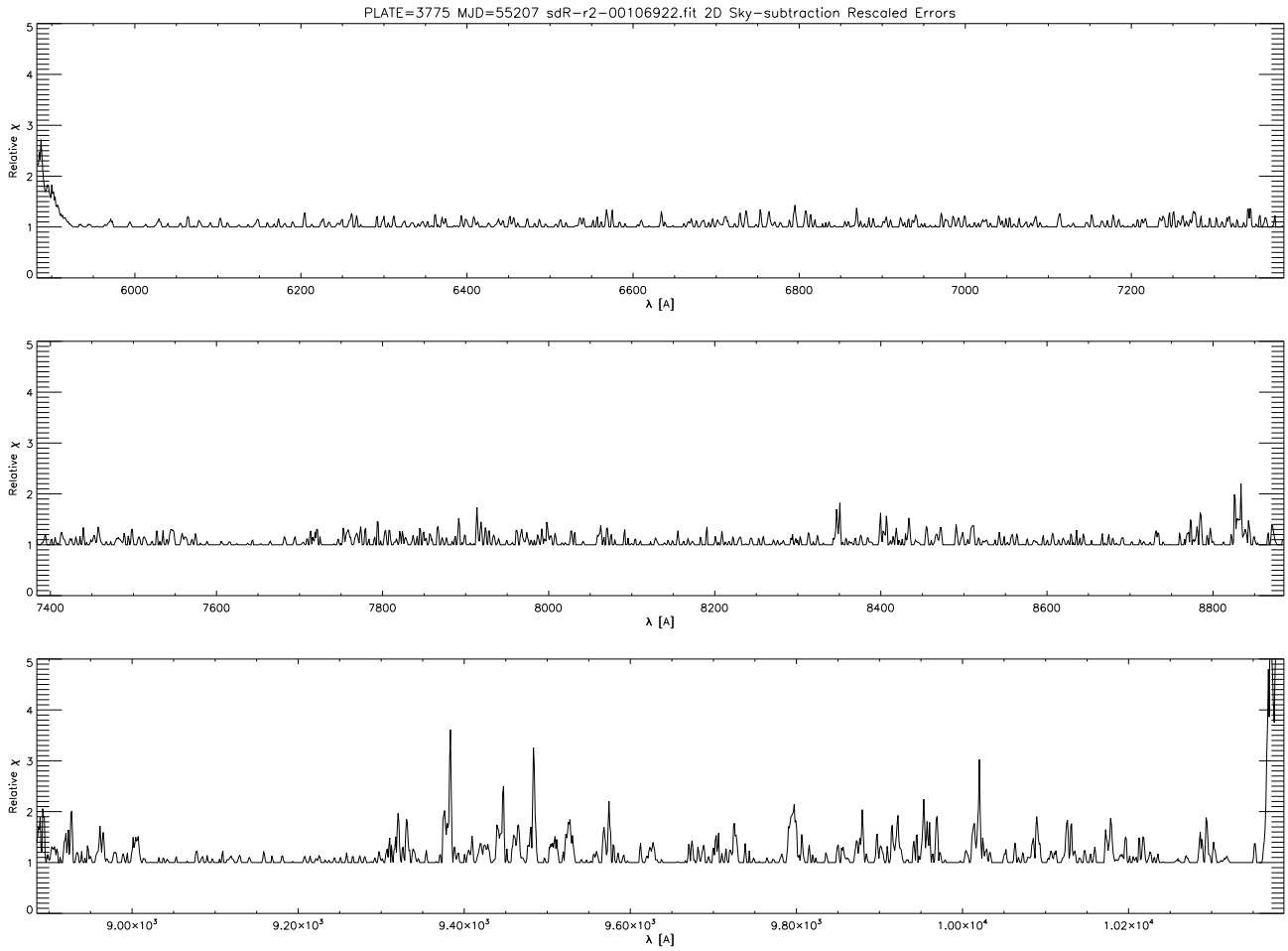


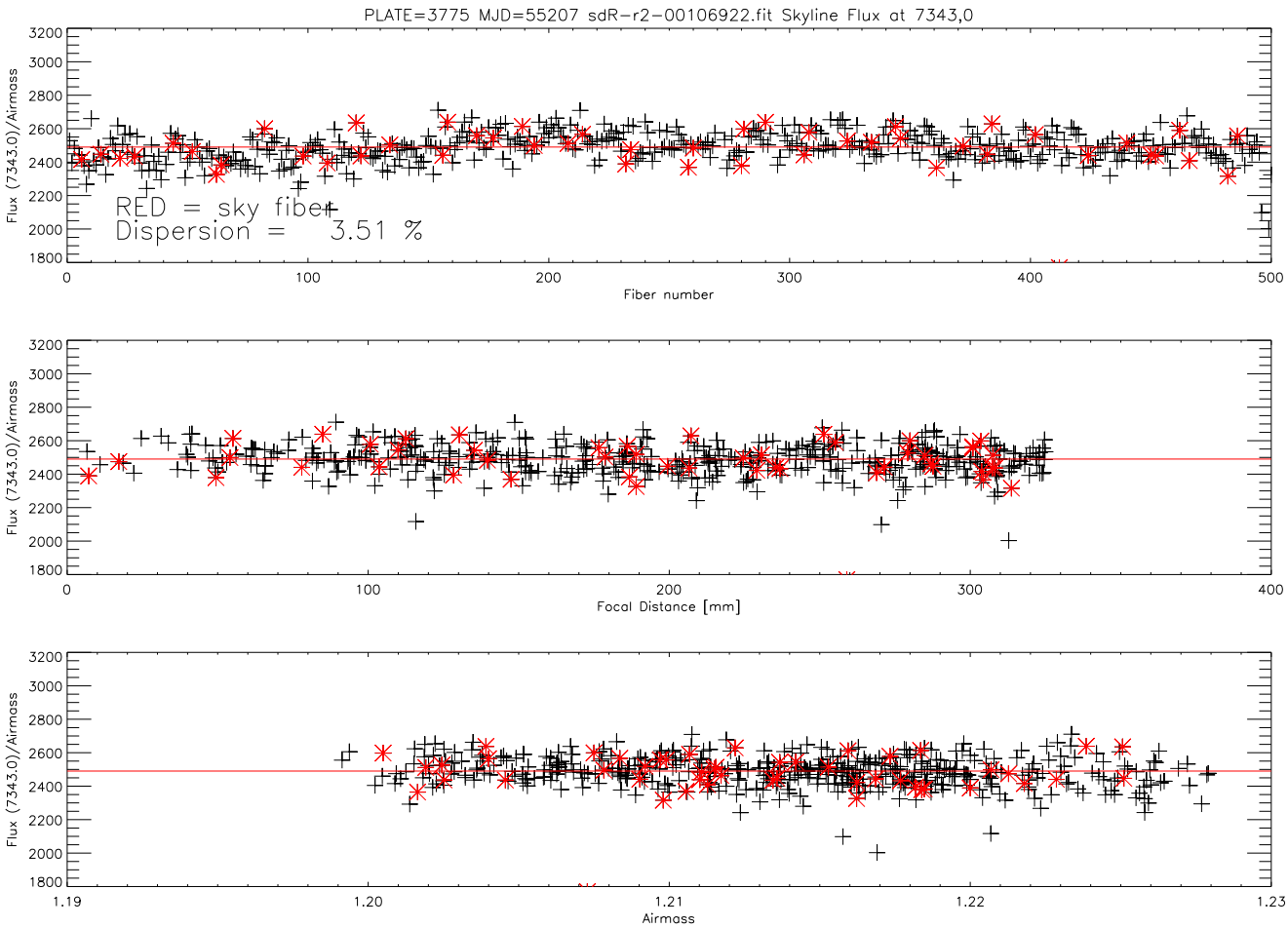

PLATE=3775 MJD=55207 sdR-r2-00106922.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

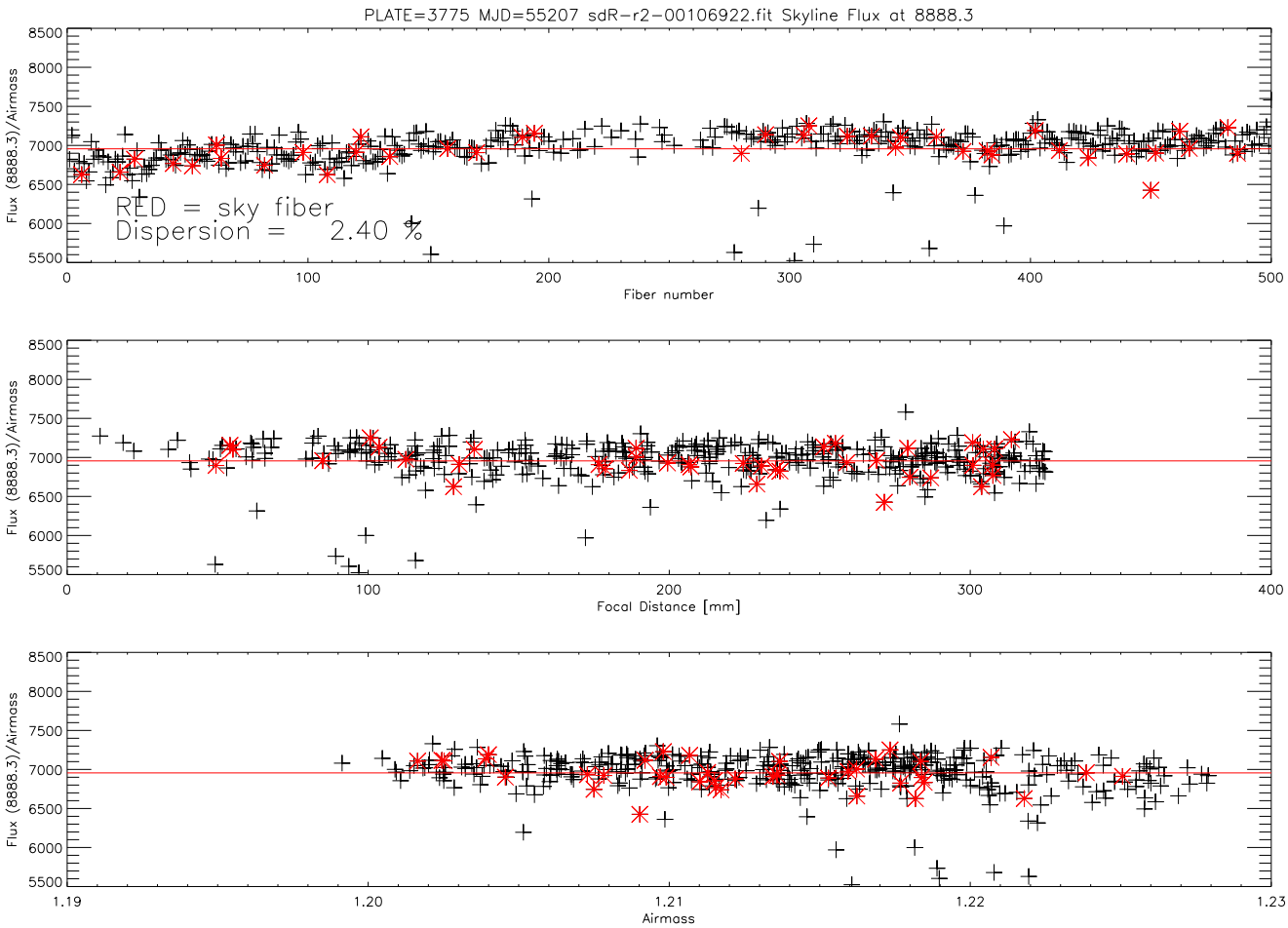

PLATE=3775 MJD=55207 sdR-r2-00106922.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

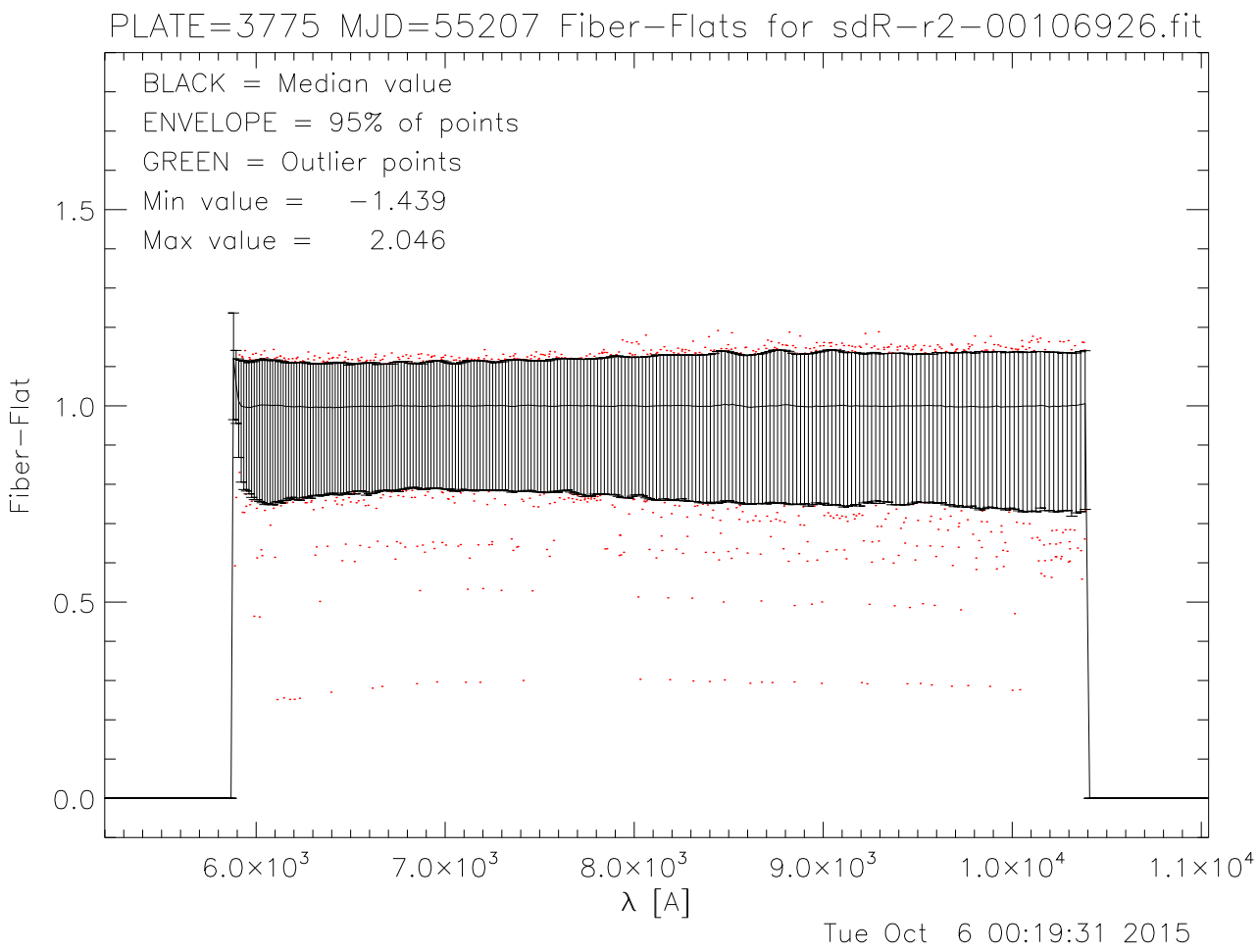

PLATE=3775 MJD=55207 sdR-r2-00106922.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
4000
3000
2000
1000
0
-1000
8820
8840
8860
8880
8900
λ [A]

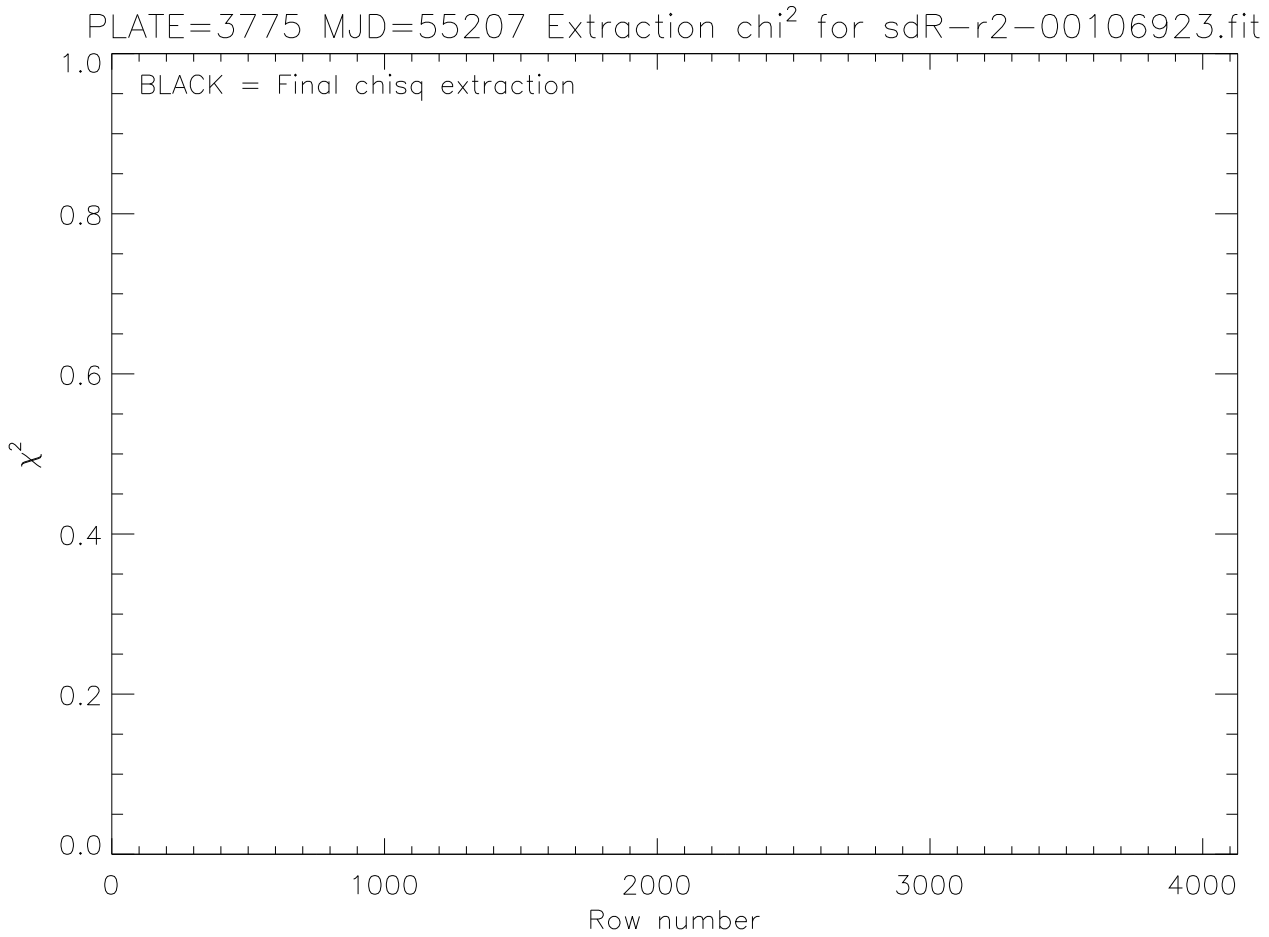
Number of sky fibers = 49

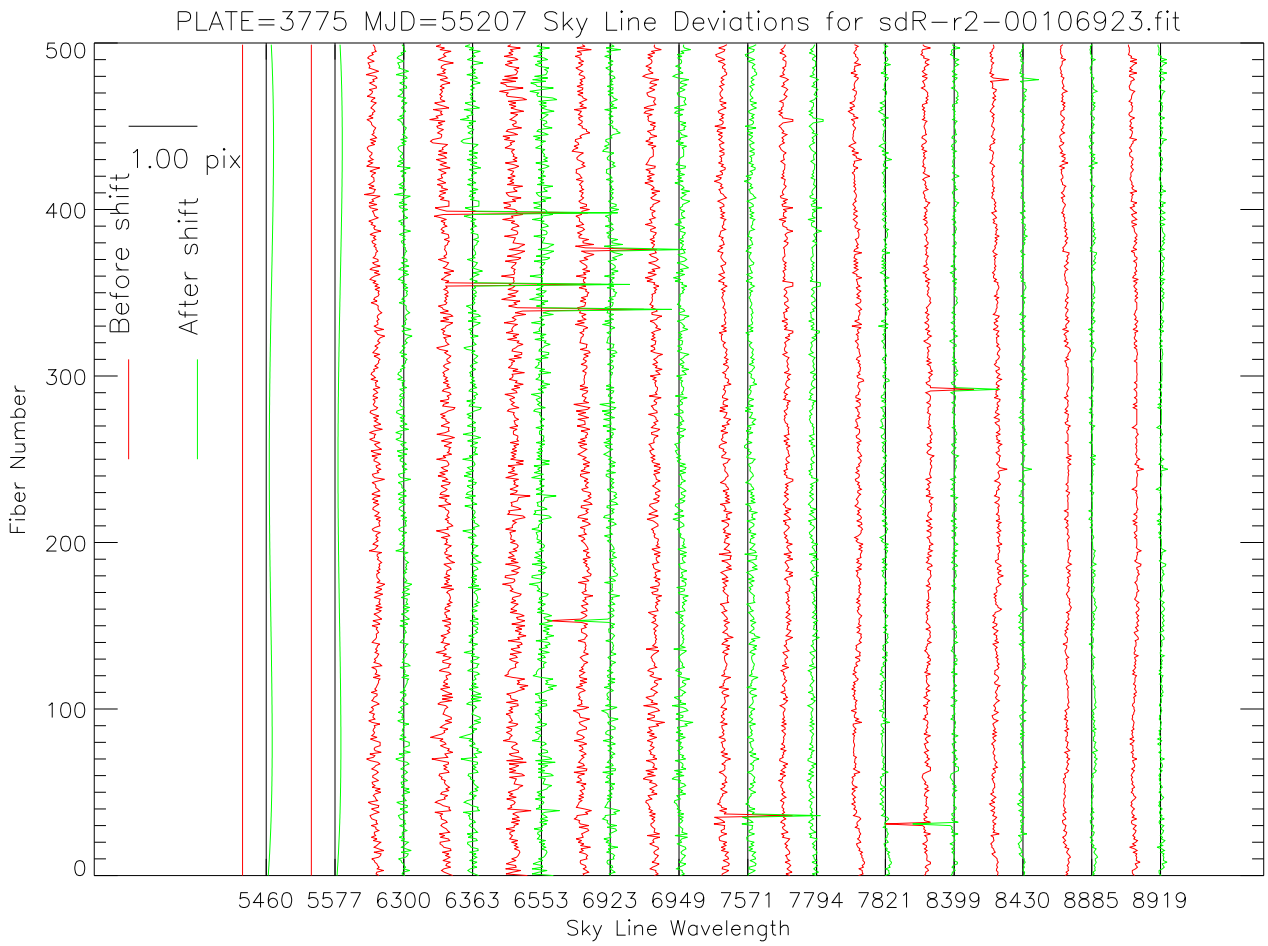


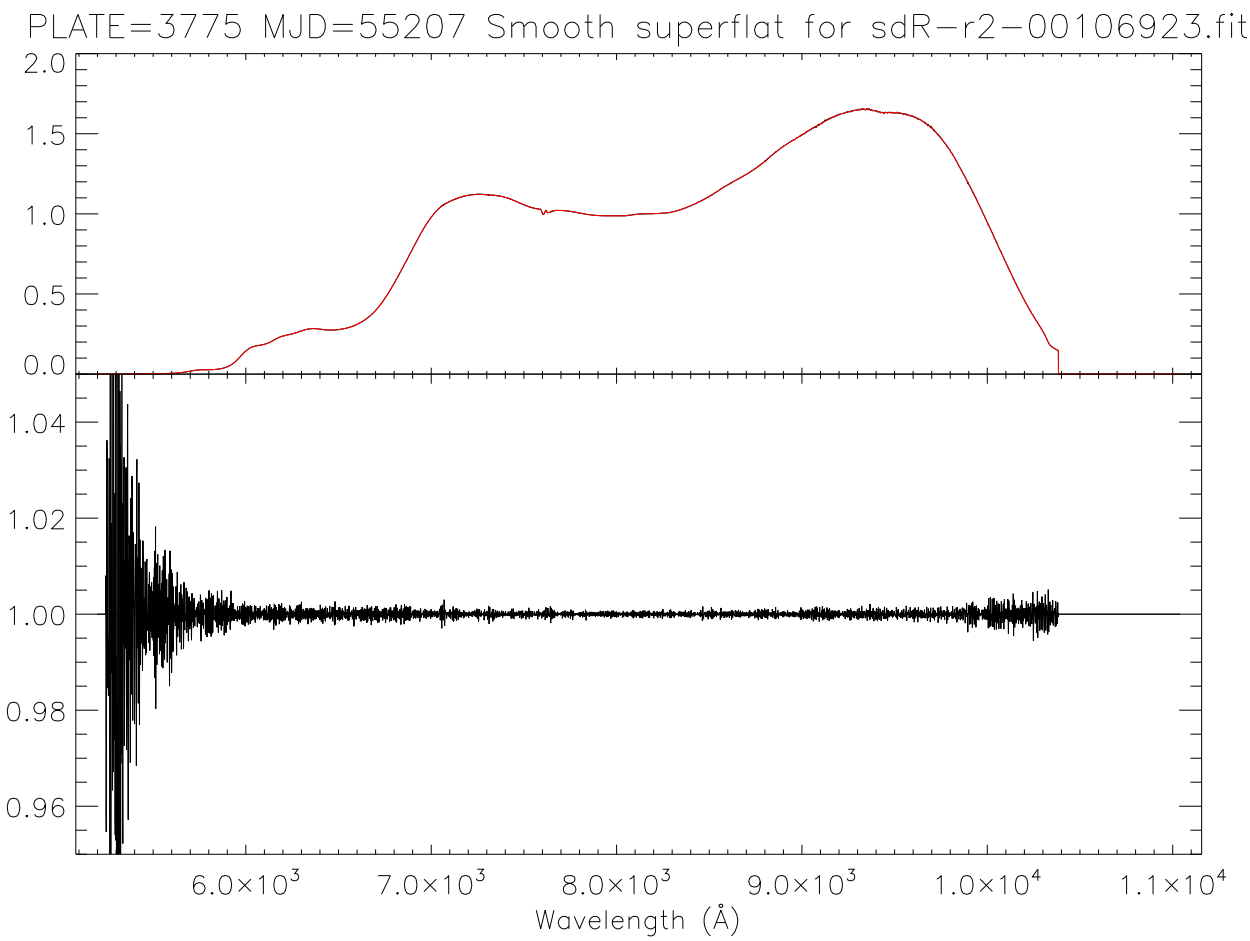

PLATE=3775 MJD=55207 sdR-r2-00106922.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
RED = sky fiber
Dispersion = 3.51 %
Fiber number
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

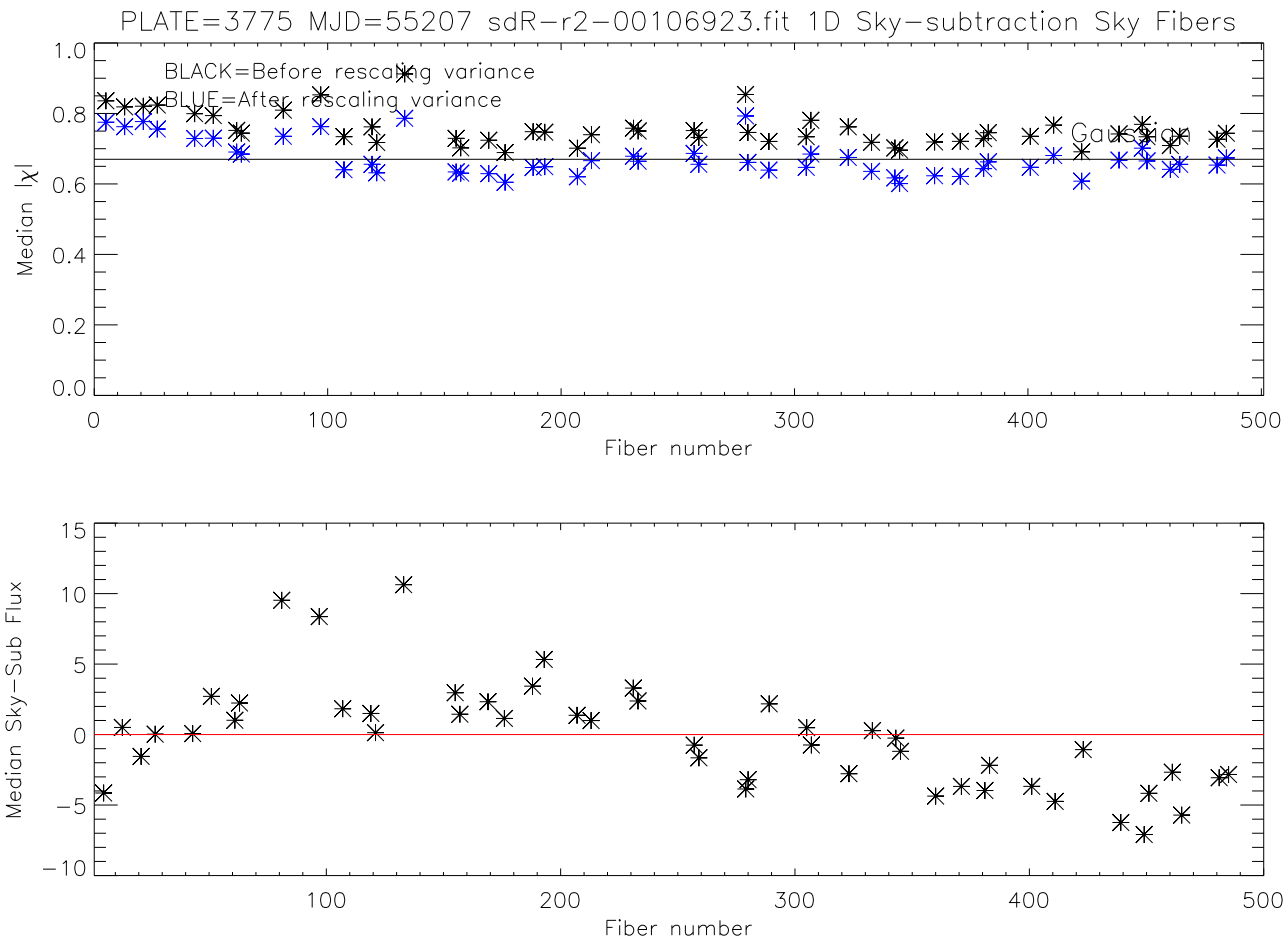

PLATE=3775 MJD=55207 sdR-r2-00106922.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
RED = sky fiber
Dispersion = 2.40 %
Fiber number
Flux (8888.3)/Airmass
Focal Distance [mm]
Flux (8888.3)/Airmass
Airmass

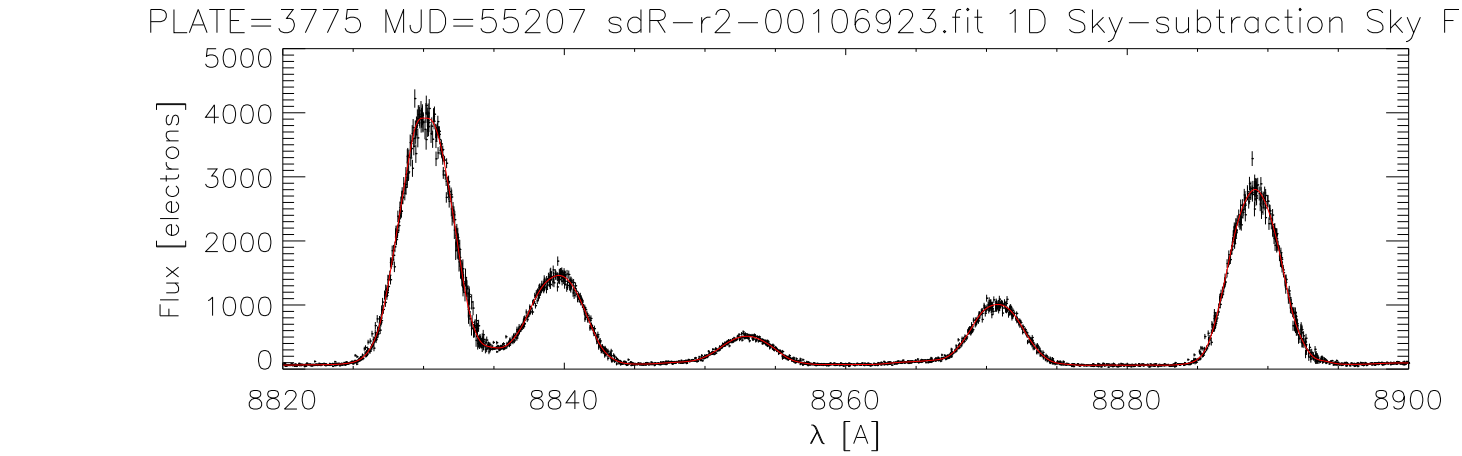

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r2−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −1.439
Max value = 2.046
Fiber−Flat
1.5
1.0
0.5
0.0
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
λ [A]
Tue Oct 6 00:19:31 2015

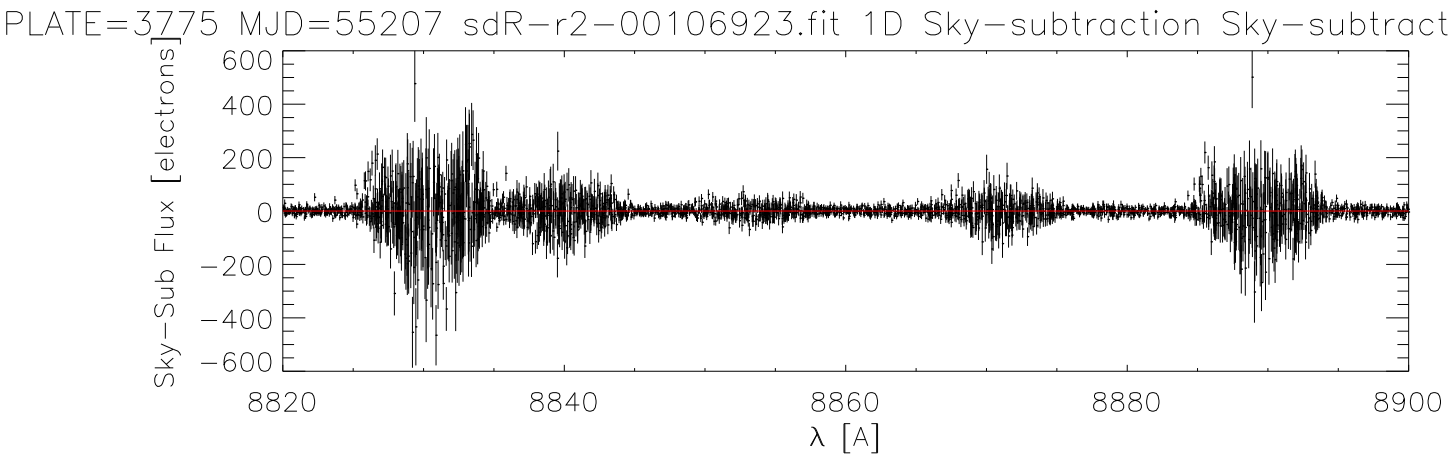

PLATE=3775 MJD=55207 Extraction chi^2 for sdR-r2-00106923.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r2-00106923.fit
Before shift
After shift
1.00 pix
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength

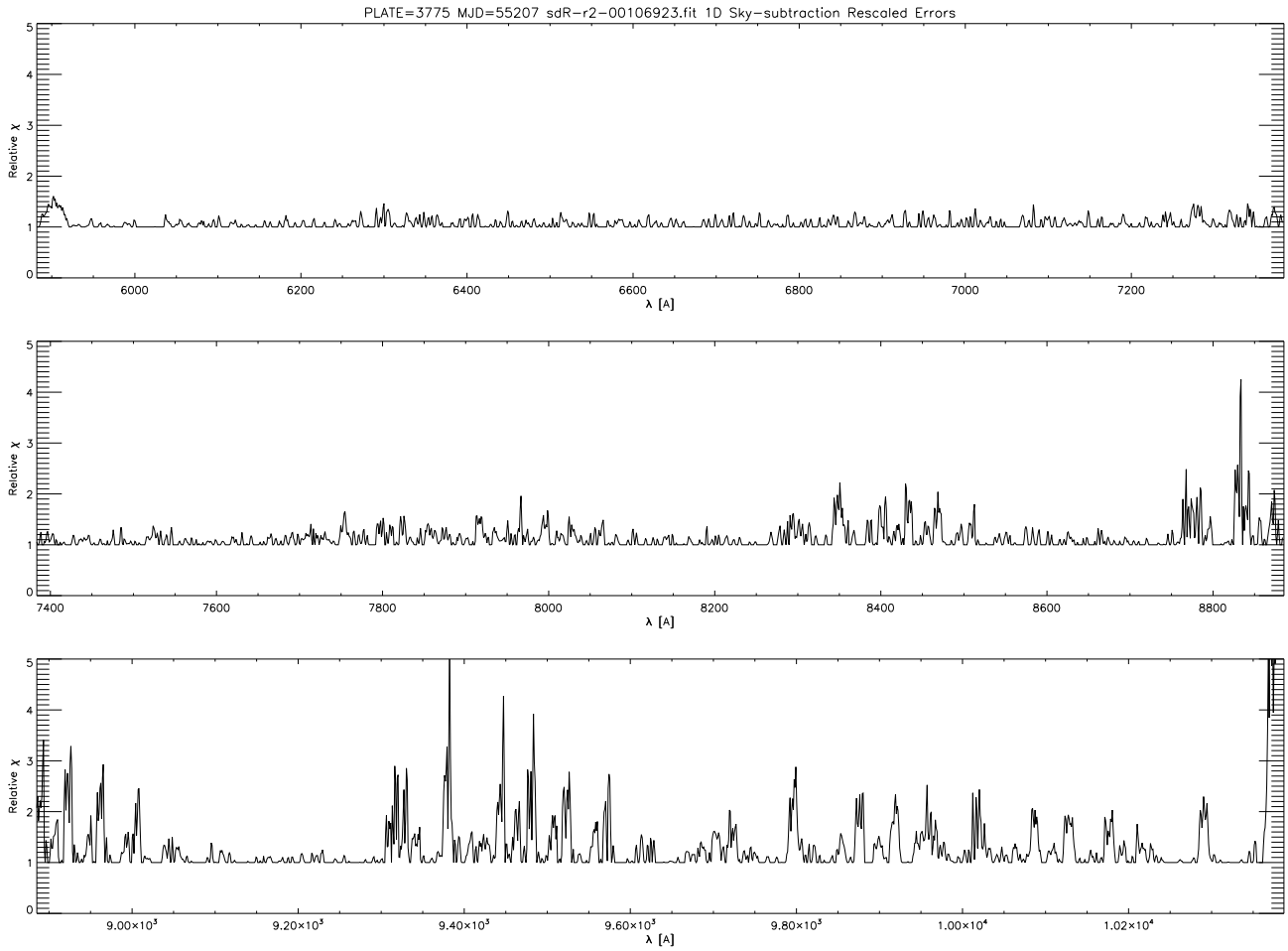

PLATE=3775 MJD=55207 Smooth superflat for sdR-r2-00106923.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

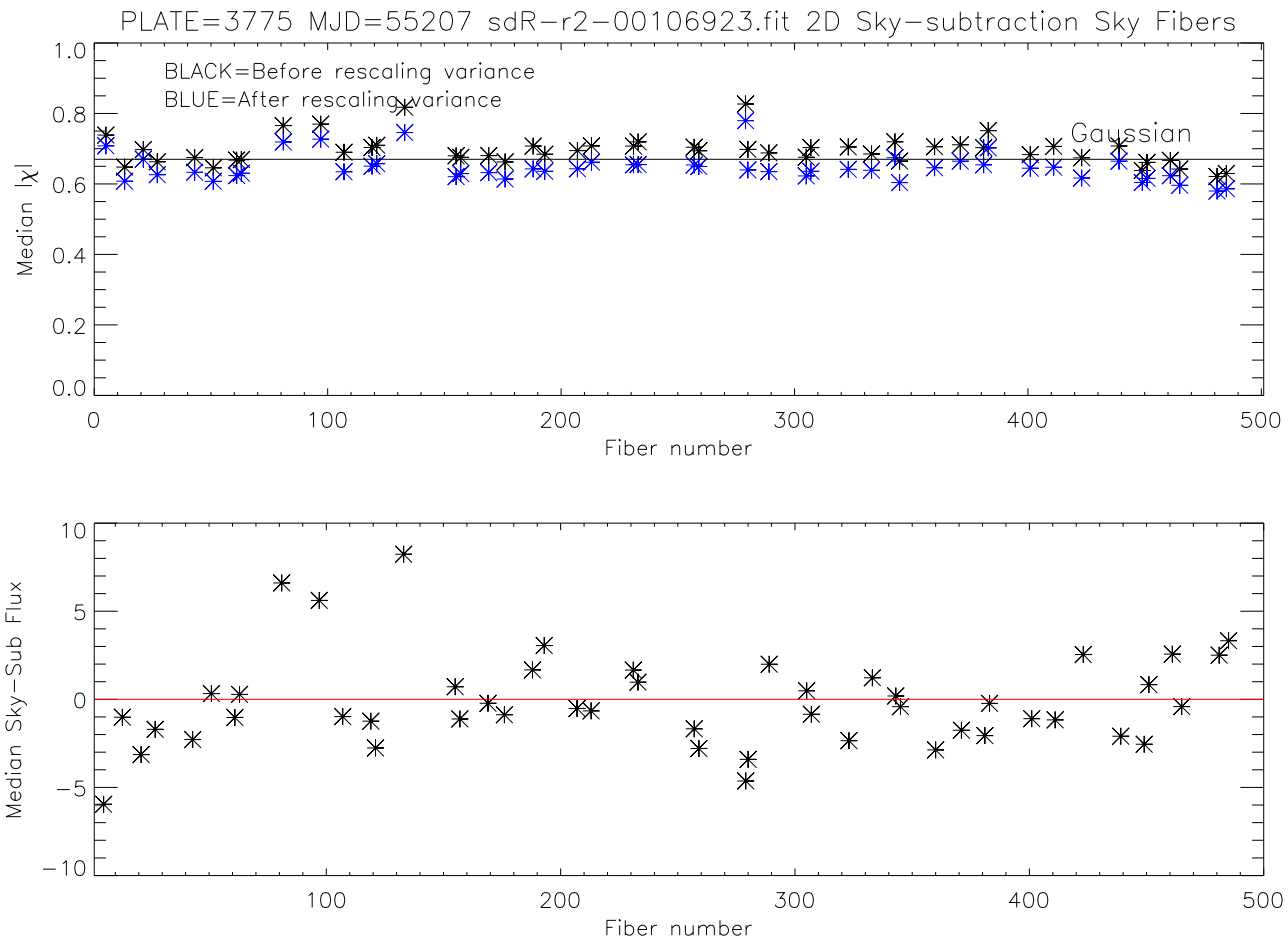

PLATE=3775 MJD=55207 sdR-r2-00106923.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

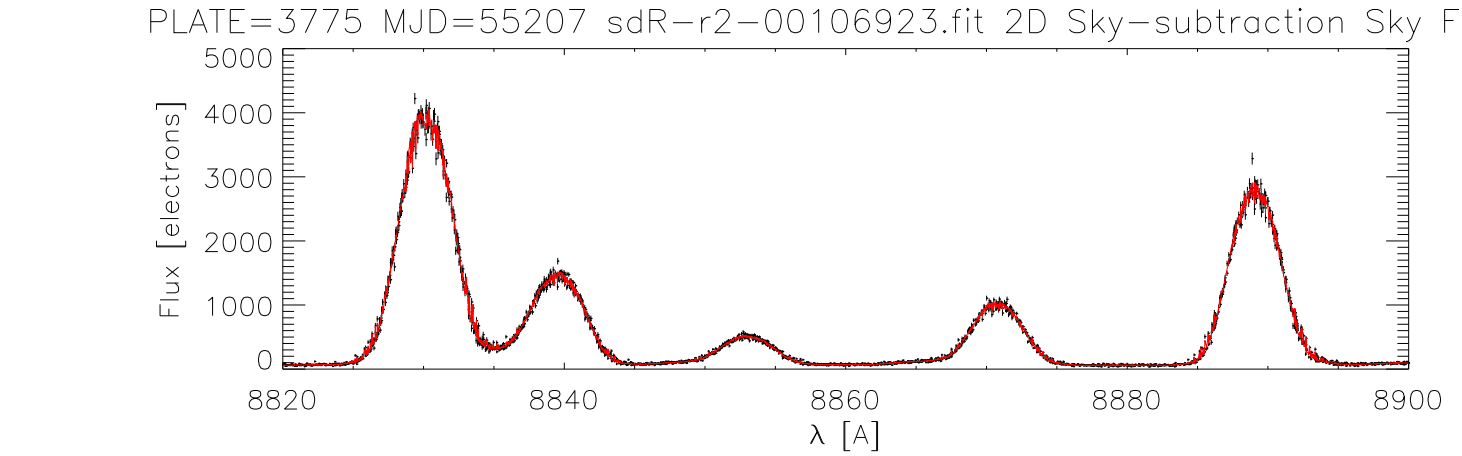

PLATE=3775 MJD=55207 sdR-r2-00106923.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

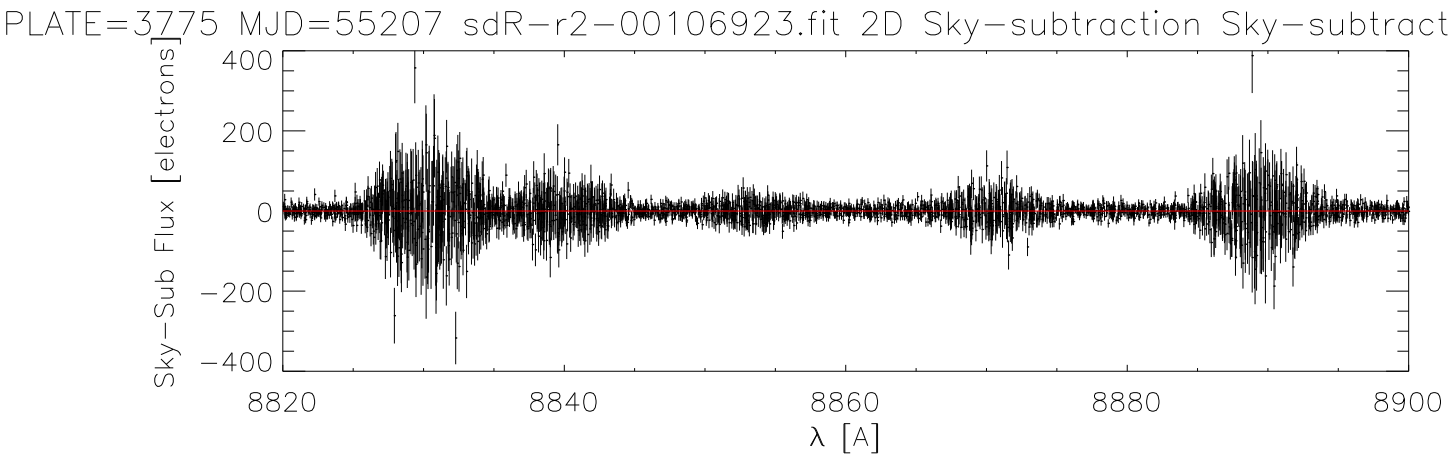

PLATE=3775 MJD=55207 sdR-r2-00106923.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
600
400
200
0
-200
-400
-600
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 49

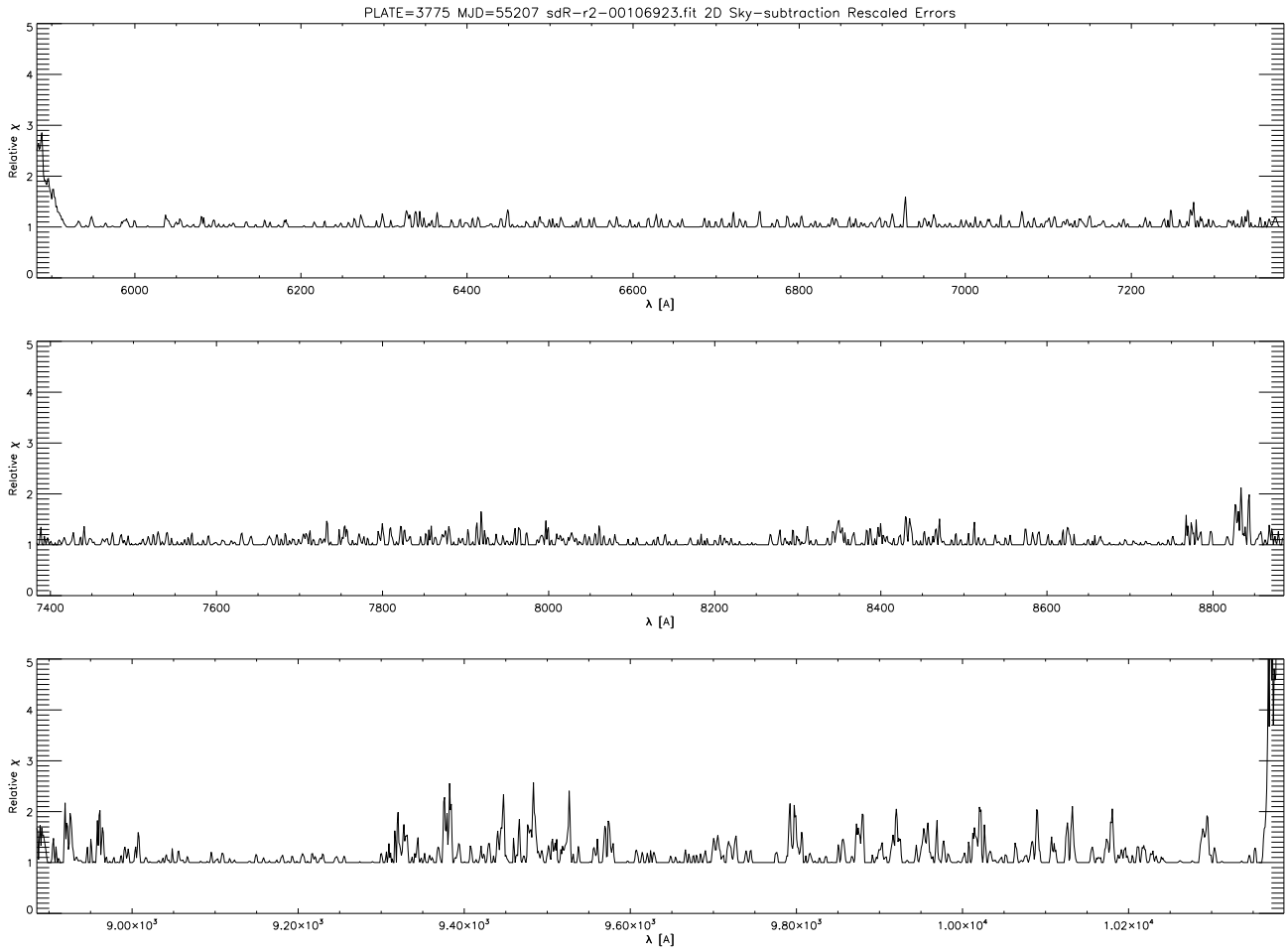


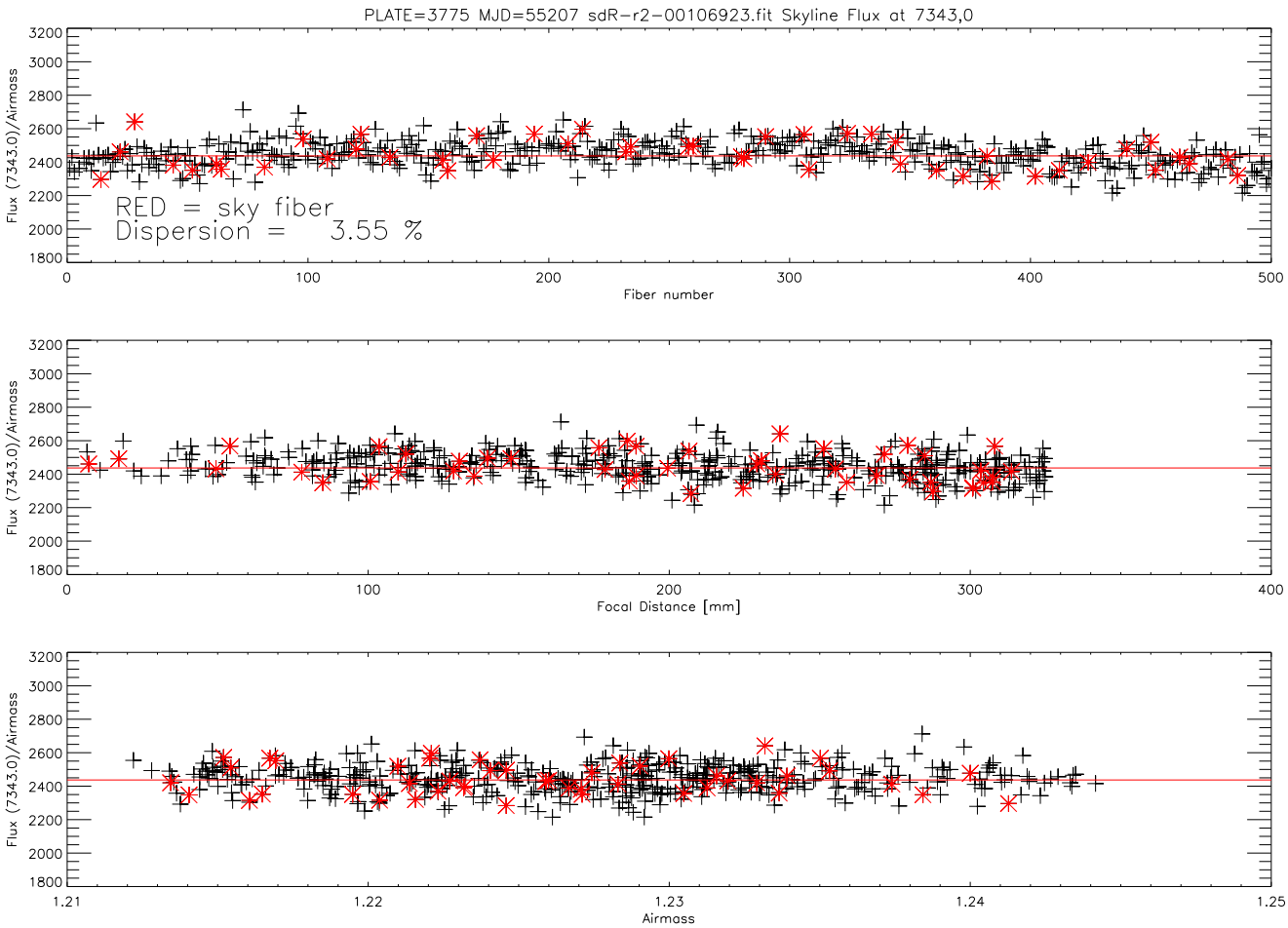

PLATE=3775 MJD=55207 sdR-r2-00106923.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

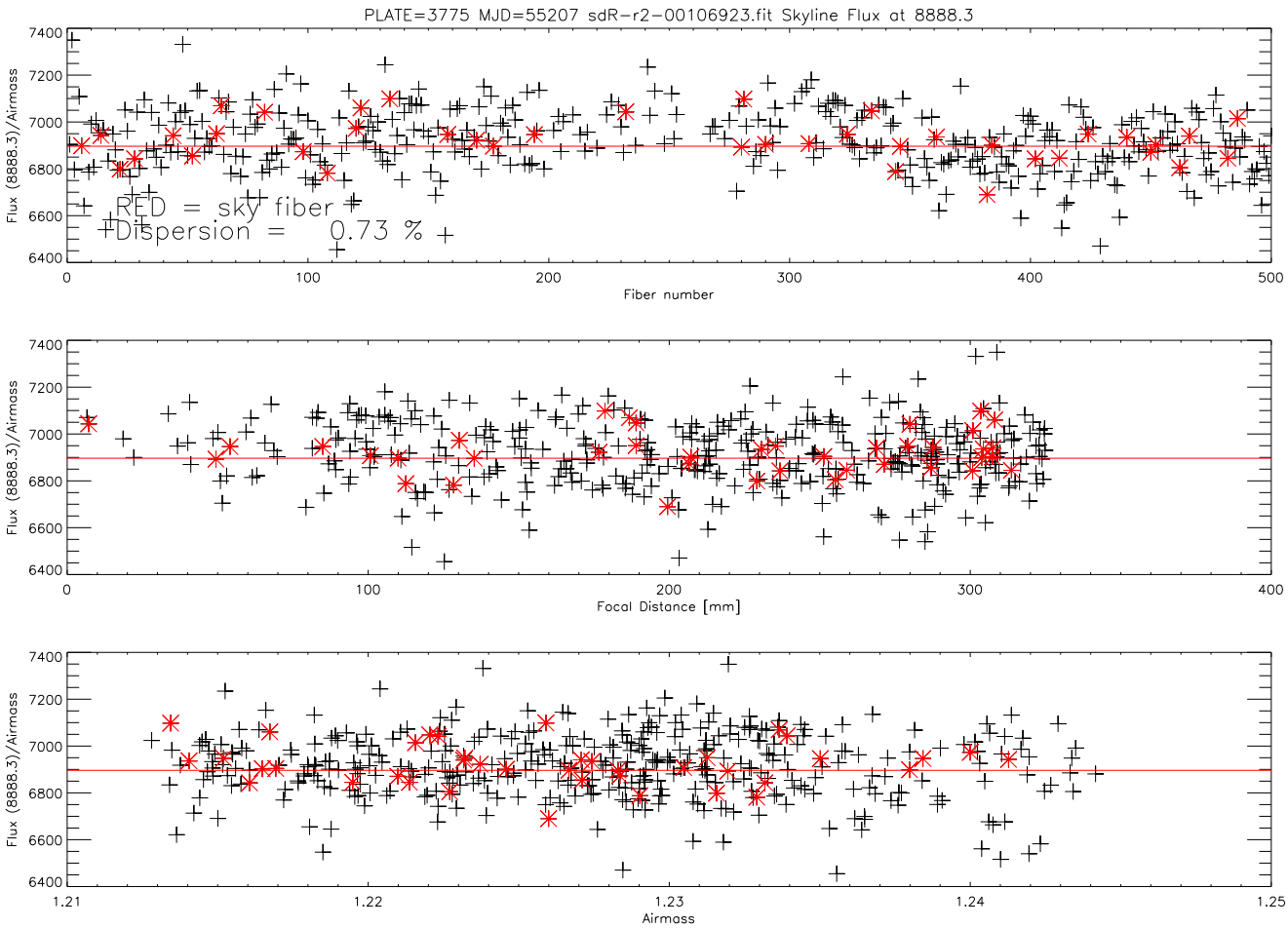

PLATE=3775 MJD=55207 sdR-r2-00106923.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

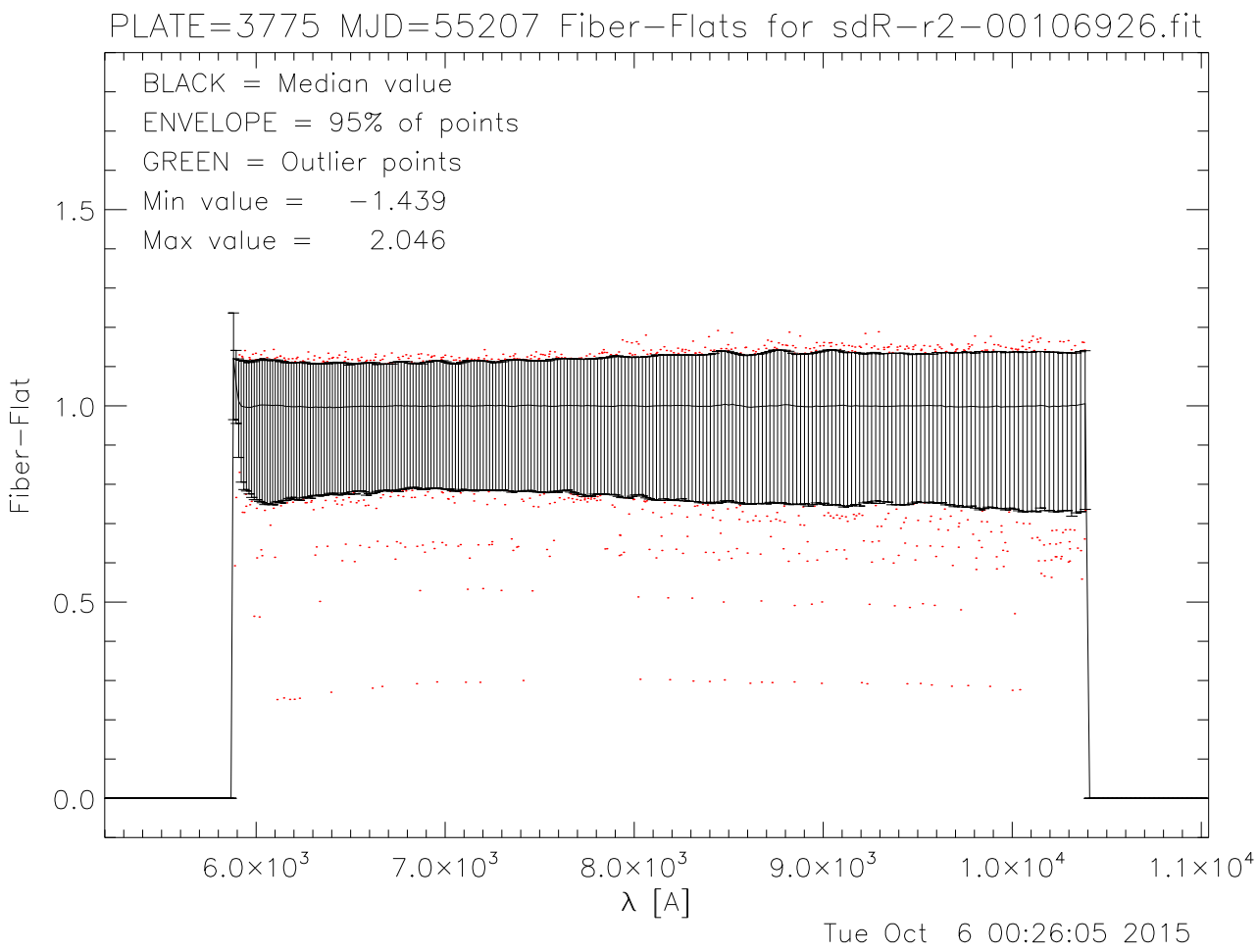

PLATE=3775 MJD=55207 sdR-r2-00106923.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
400
200
0
-200
-400
8820
8840
8860
8880
8900
λ [A]

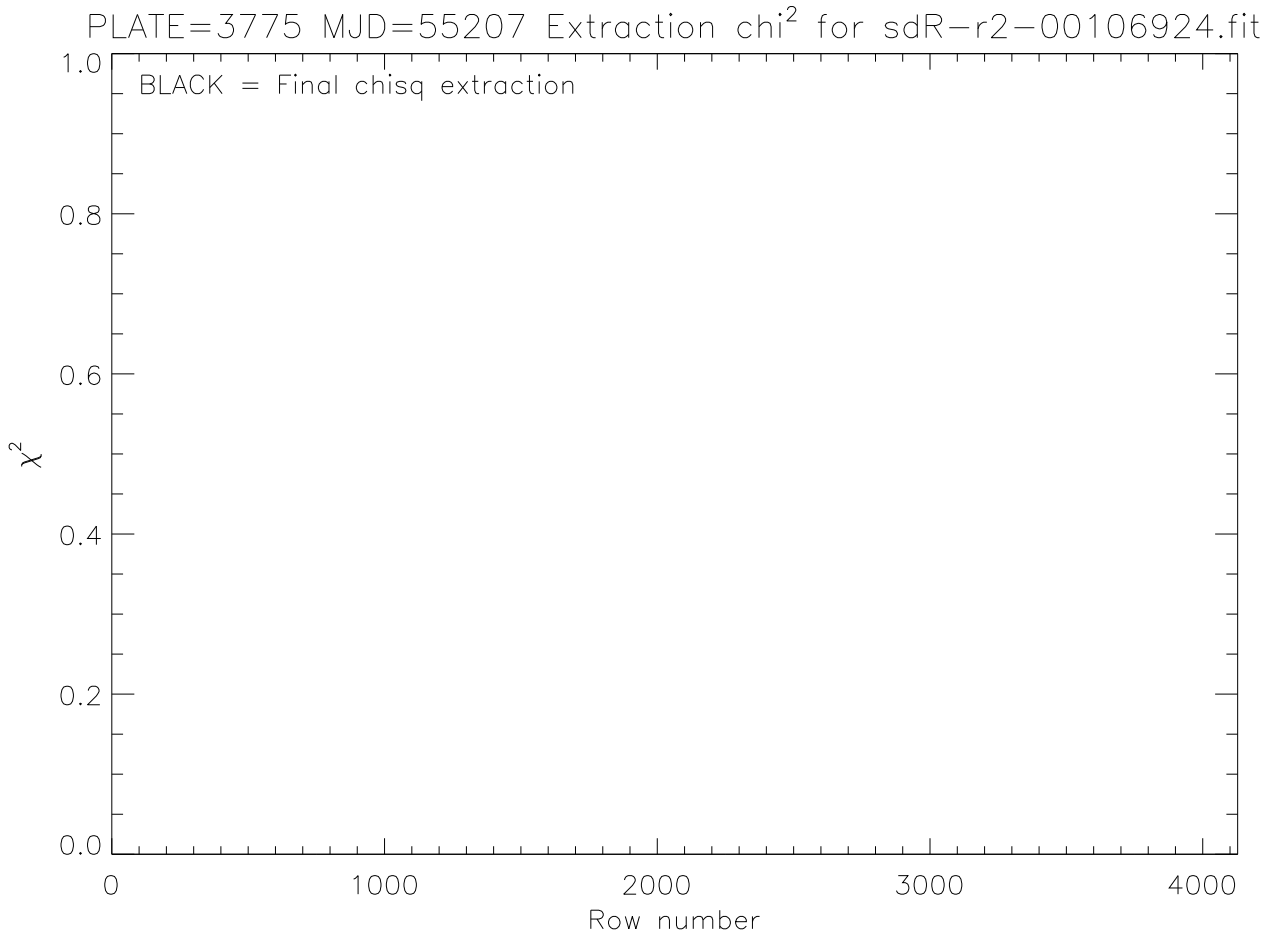
Number of sky fibers = 49

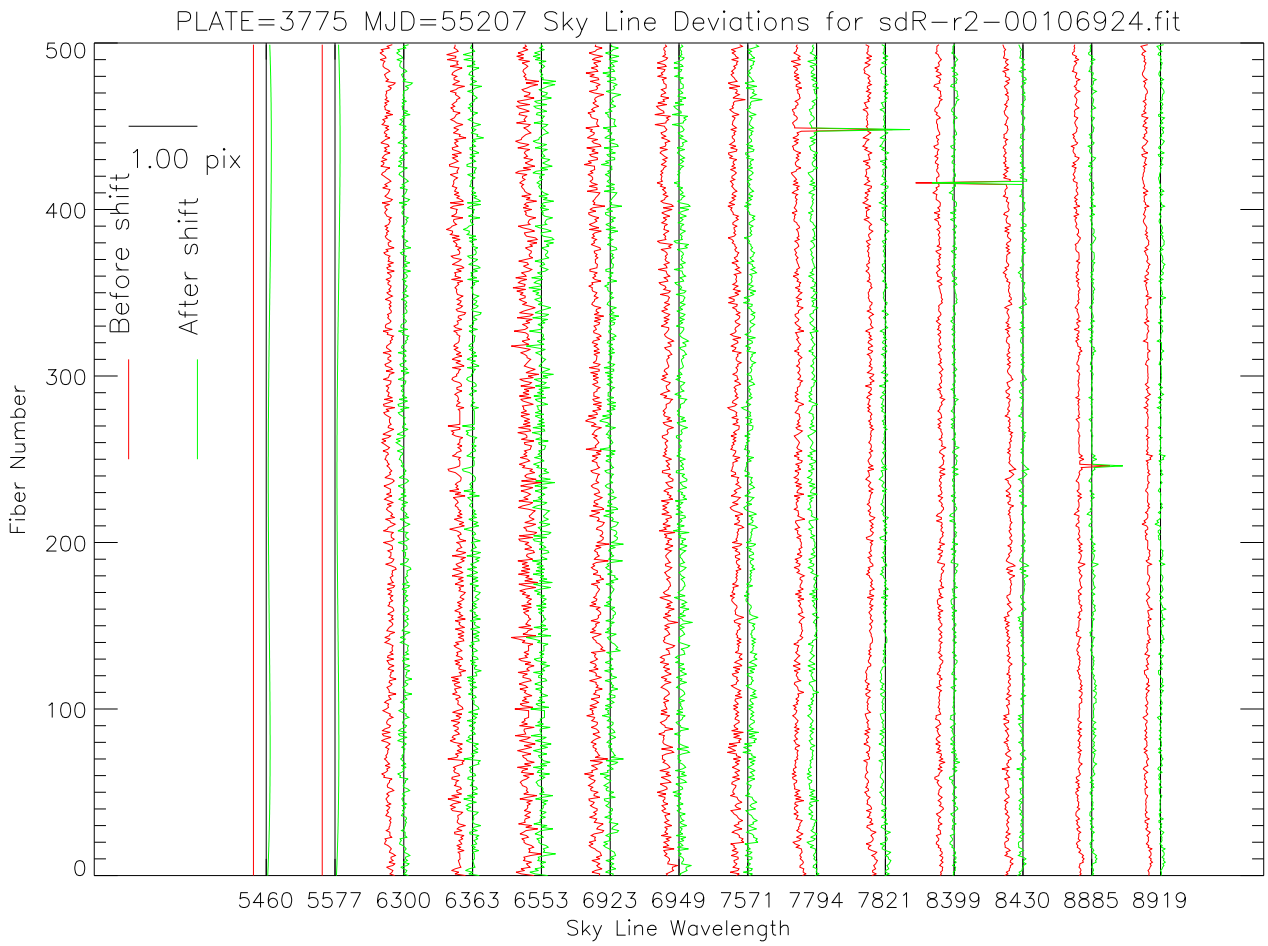


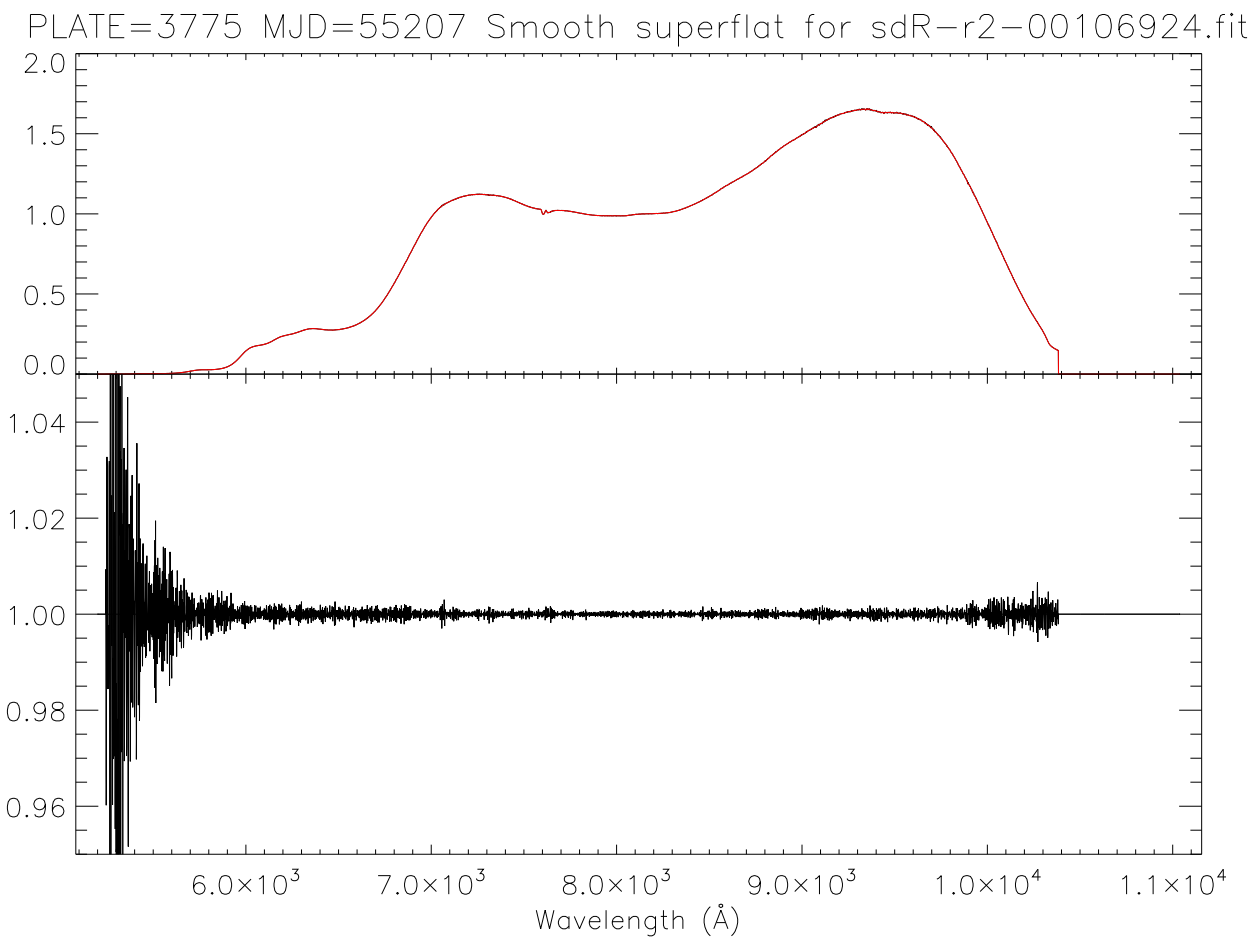

PLATE=3775 MJD=55207 sdR-r2-00106923.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
RED = sky fiber
Dispersion = 3.55 %
Fiber number
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

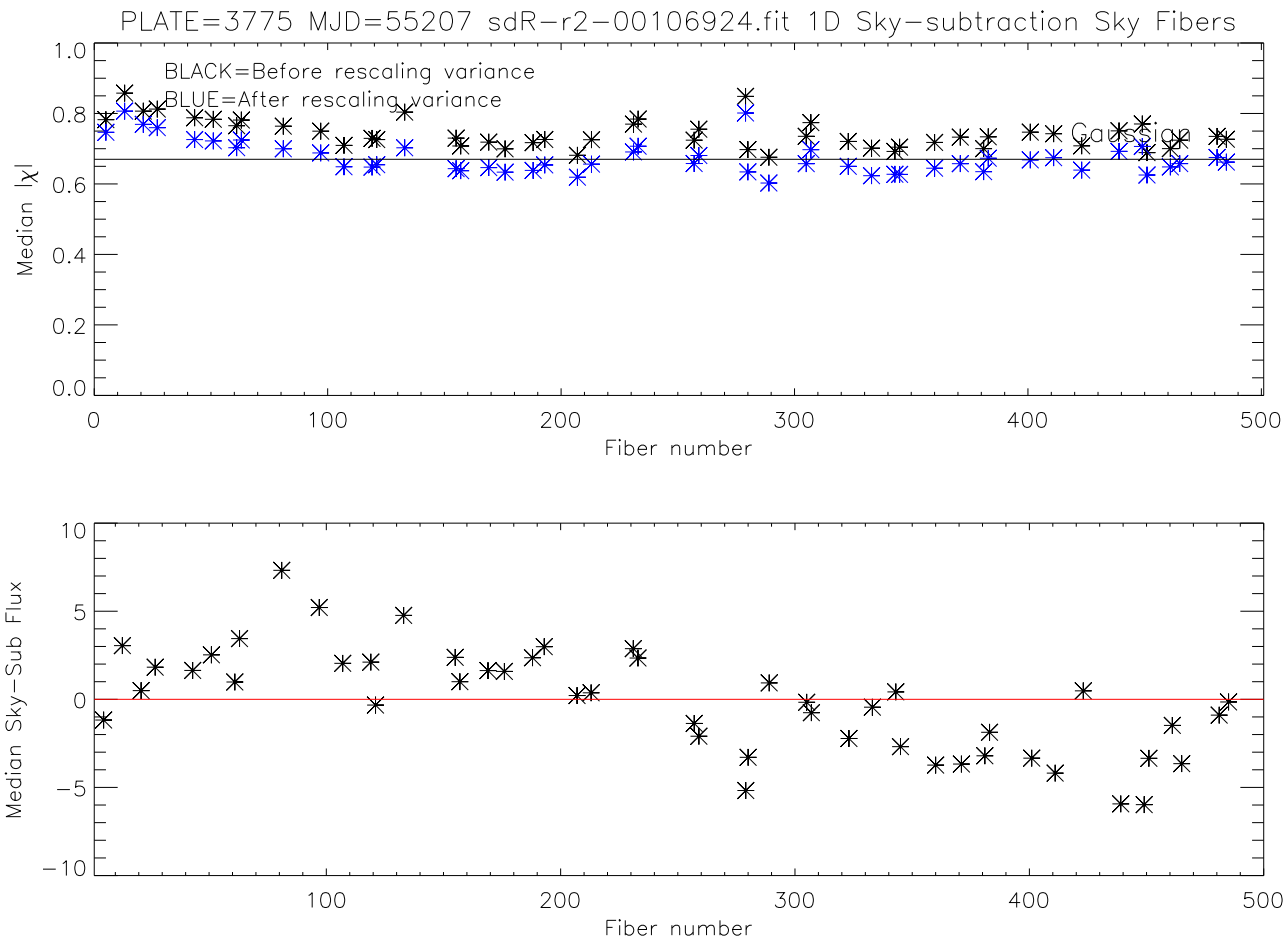

PLATE=3775 MJD=55207 sdR-r2-00106923.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
Fiber number
RED = sky fiber
Dispersion = 0.73 %
Flux (8888.3)/Airmass
Focal Distance [mm]
Flux (8888.3)/Airmass
Airmass

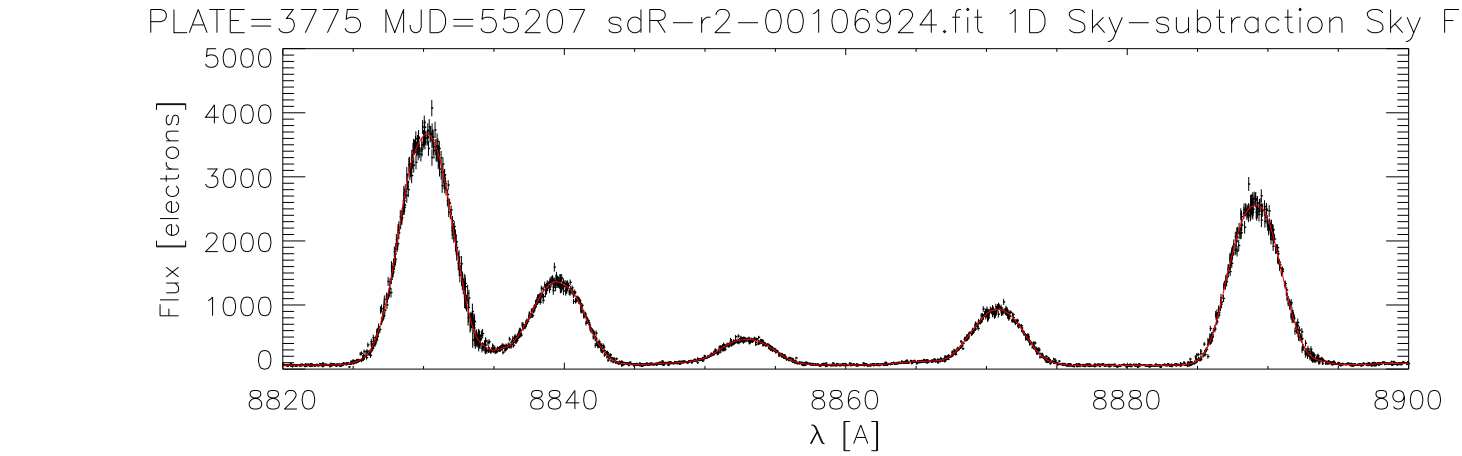

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r2−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −1.439
Max value = 2.046
Fiber−Flat
1.5
1.0
0.5
0.0
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
λ [A]
Tue Oct 6 00:26:05 2015

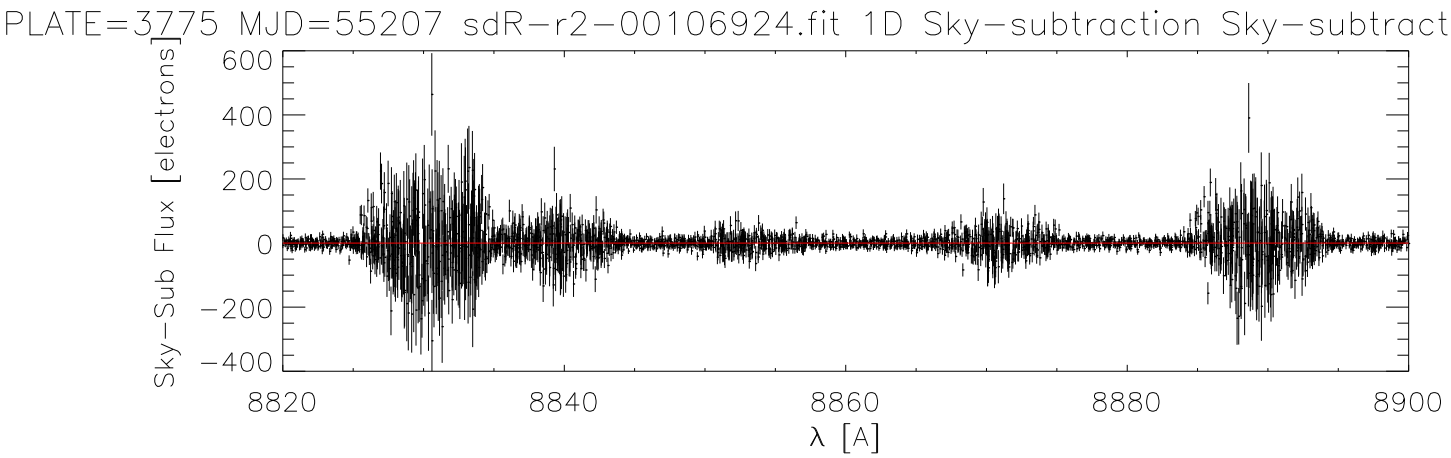

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r2−00106924.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r2-00106924.fit
1.00 pix
Before shift
After shift
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength

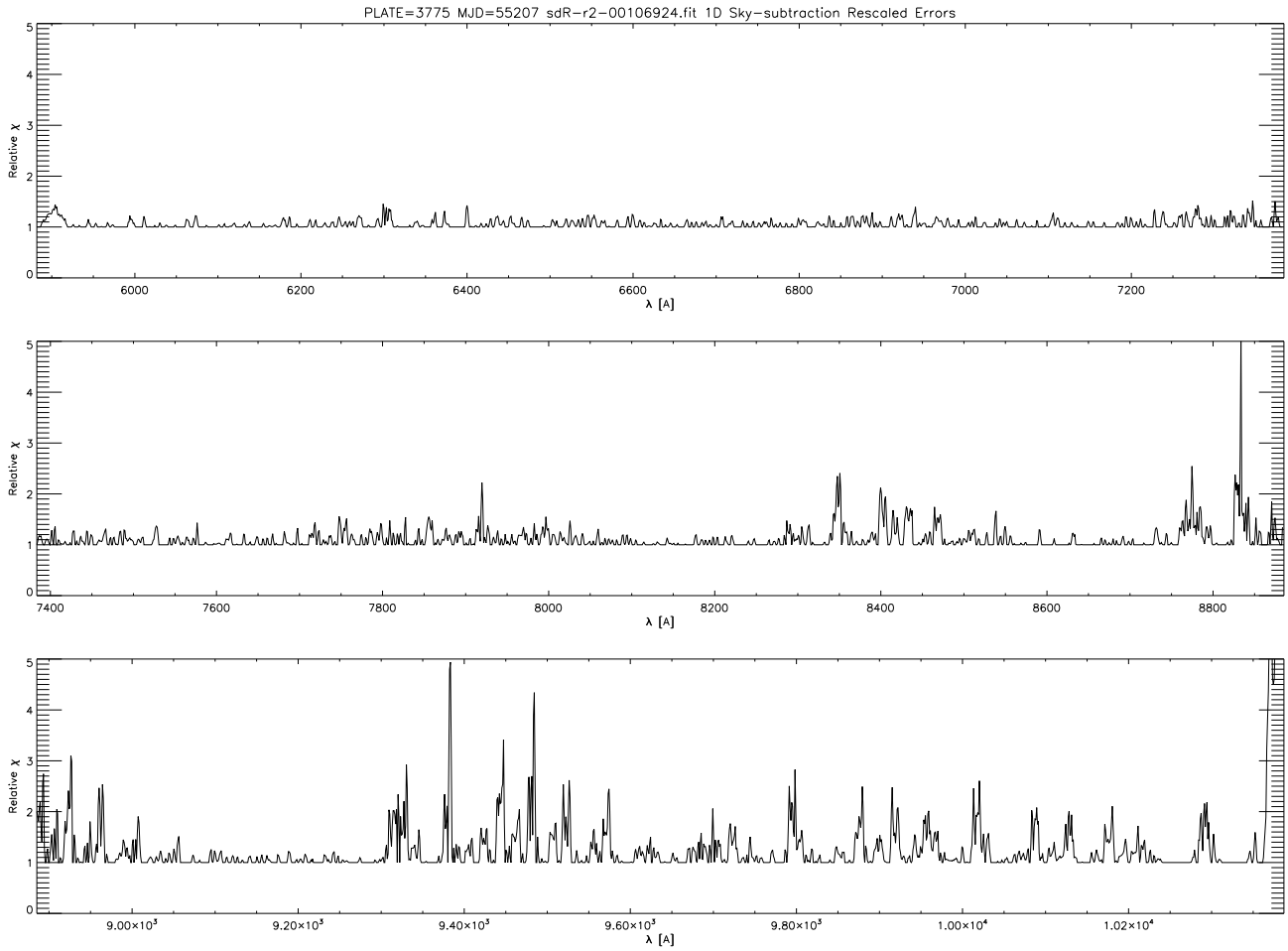

PLATE=3775 MJD=55207 Smooth superflat for sdR-r2-00106924.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

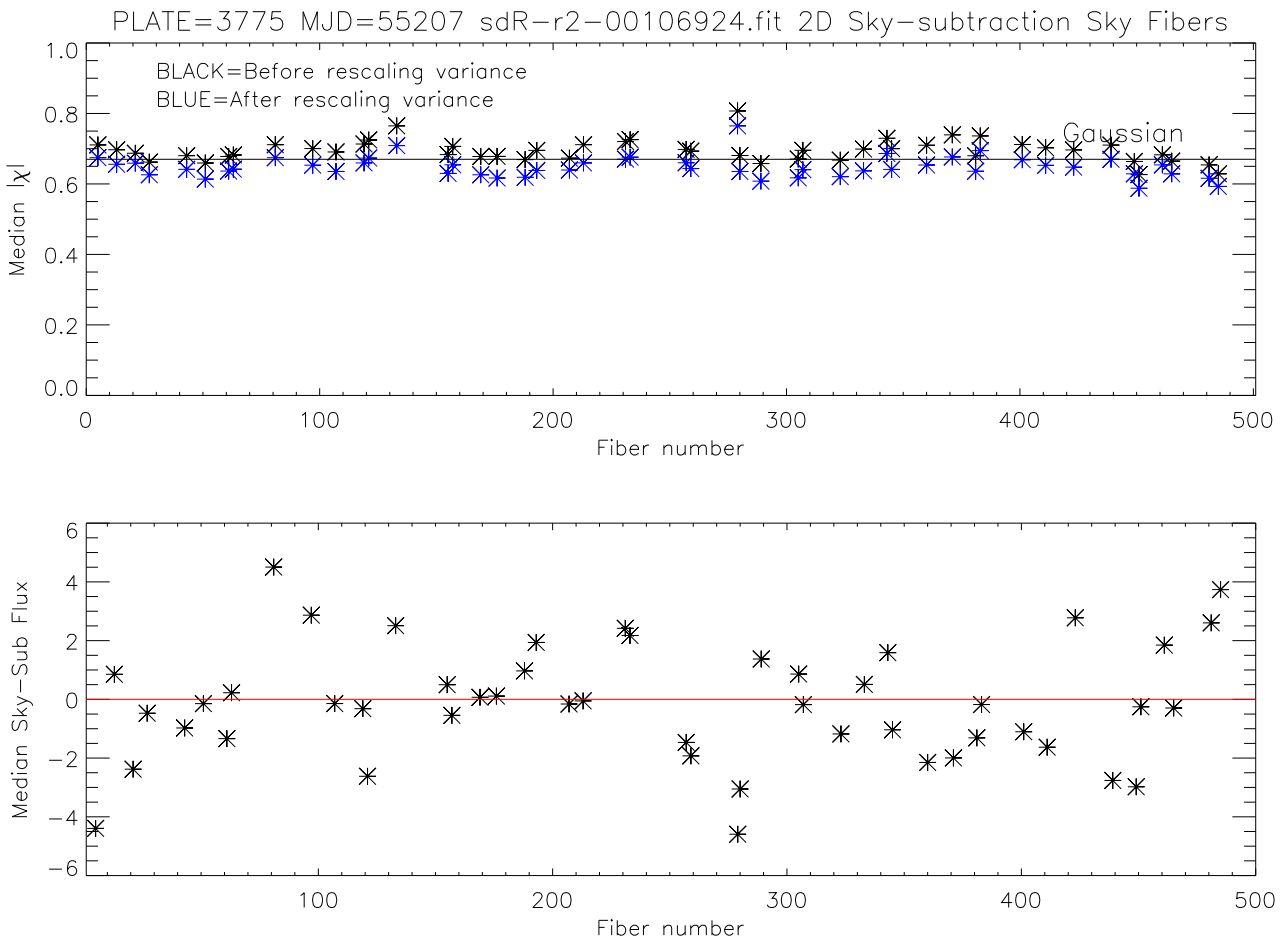

PLATE=3775 MJD=55207 sdR-r2-00106924.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

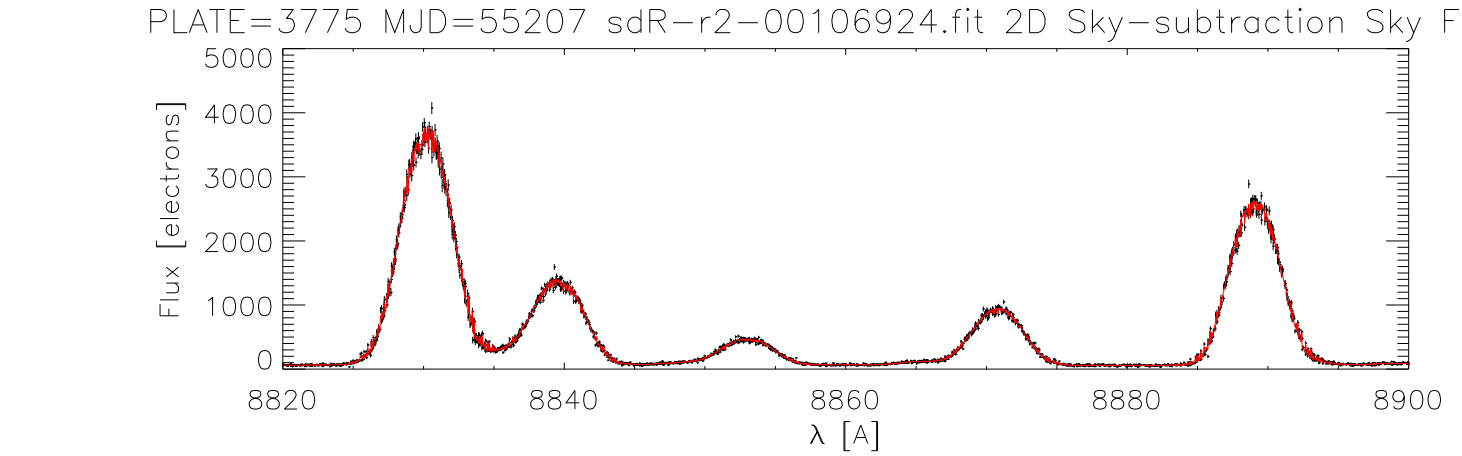

PLATE=3775 MJD=55207 sdR-r2-00106924.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

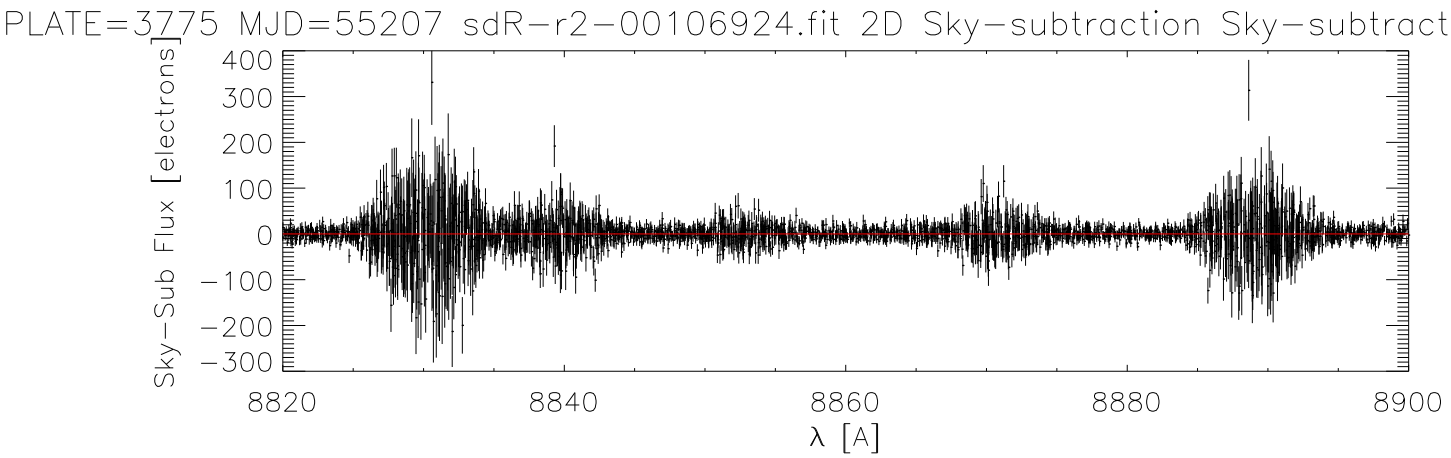

PLATE=3775 MJD=55207 sdR-r2-00106924.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
600
400
200
0
-200
-400
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 49

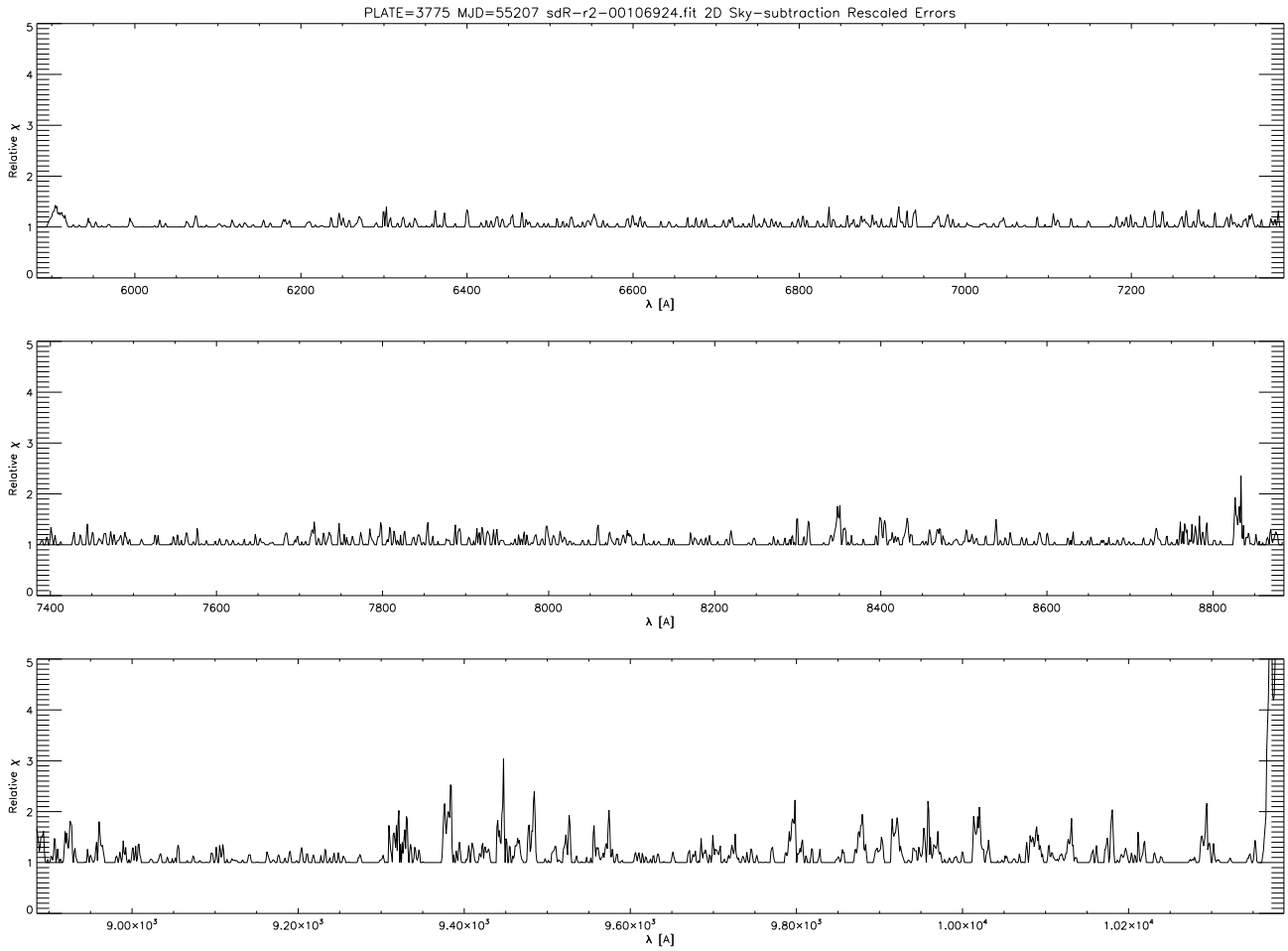


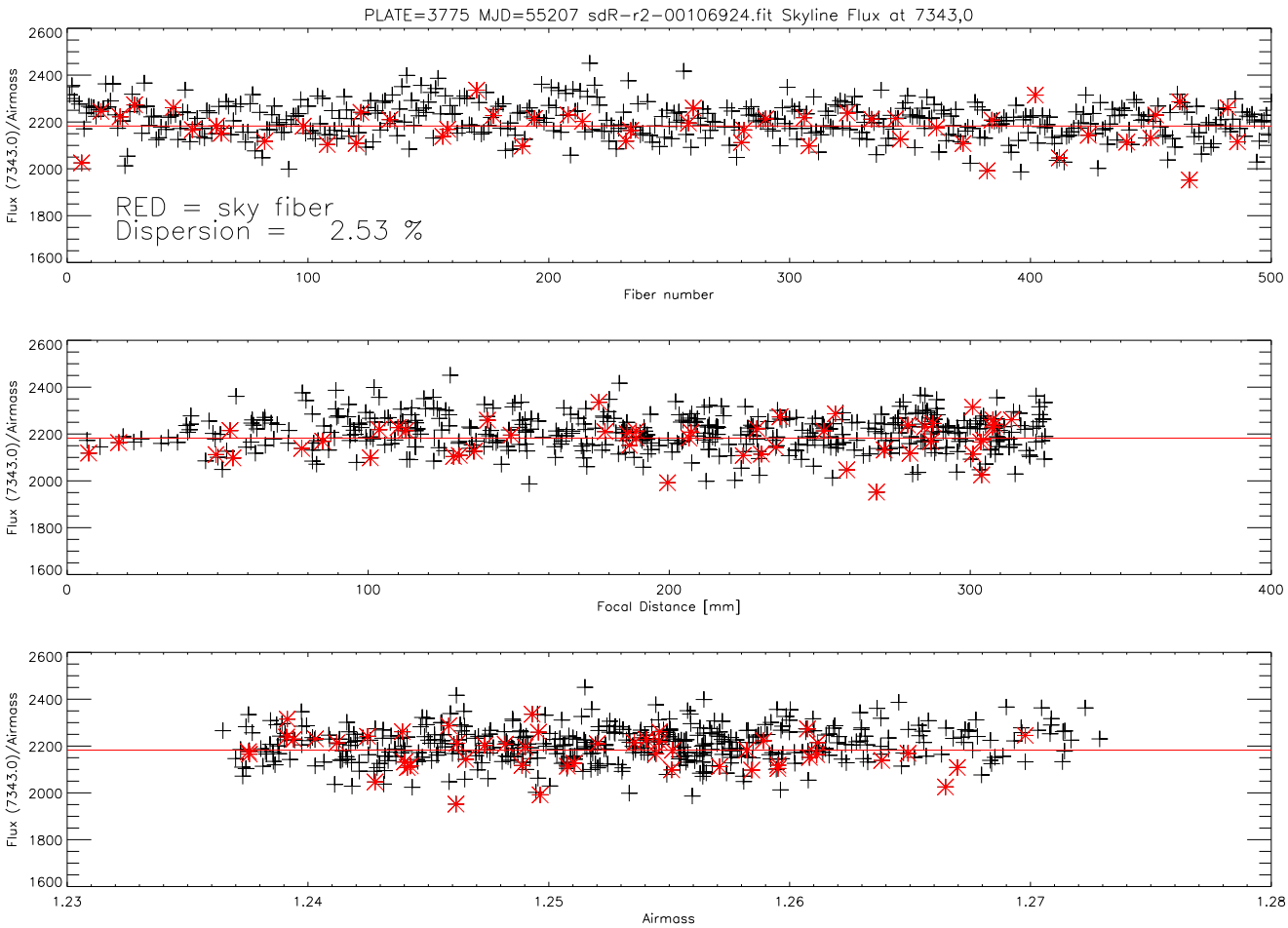

PLATE=3775 MJD=55207 sdR-r2-00106924.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

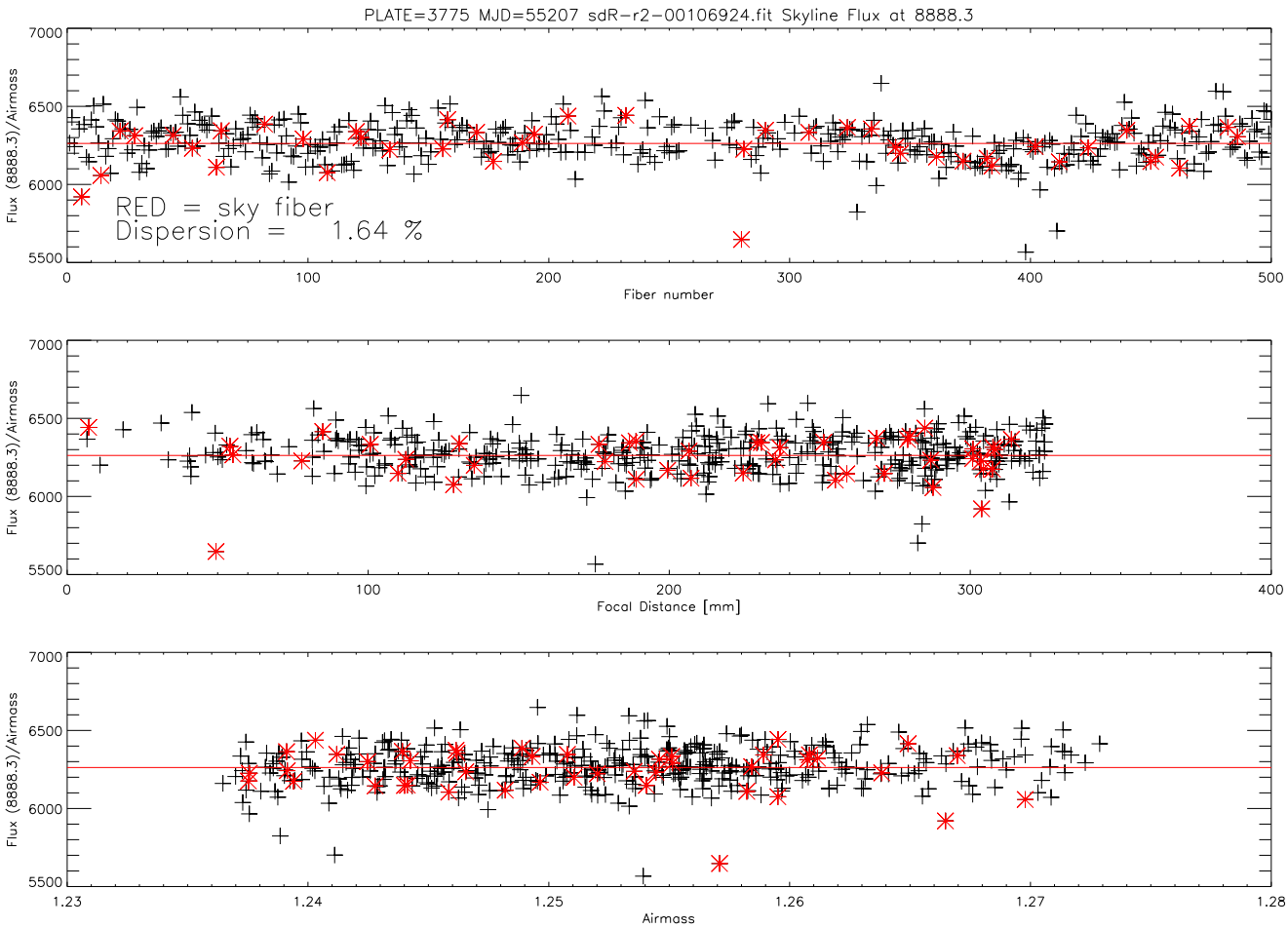

PLATE=3775 MJD=55207 sdR-r2-00106924.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

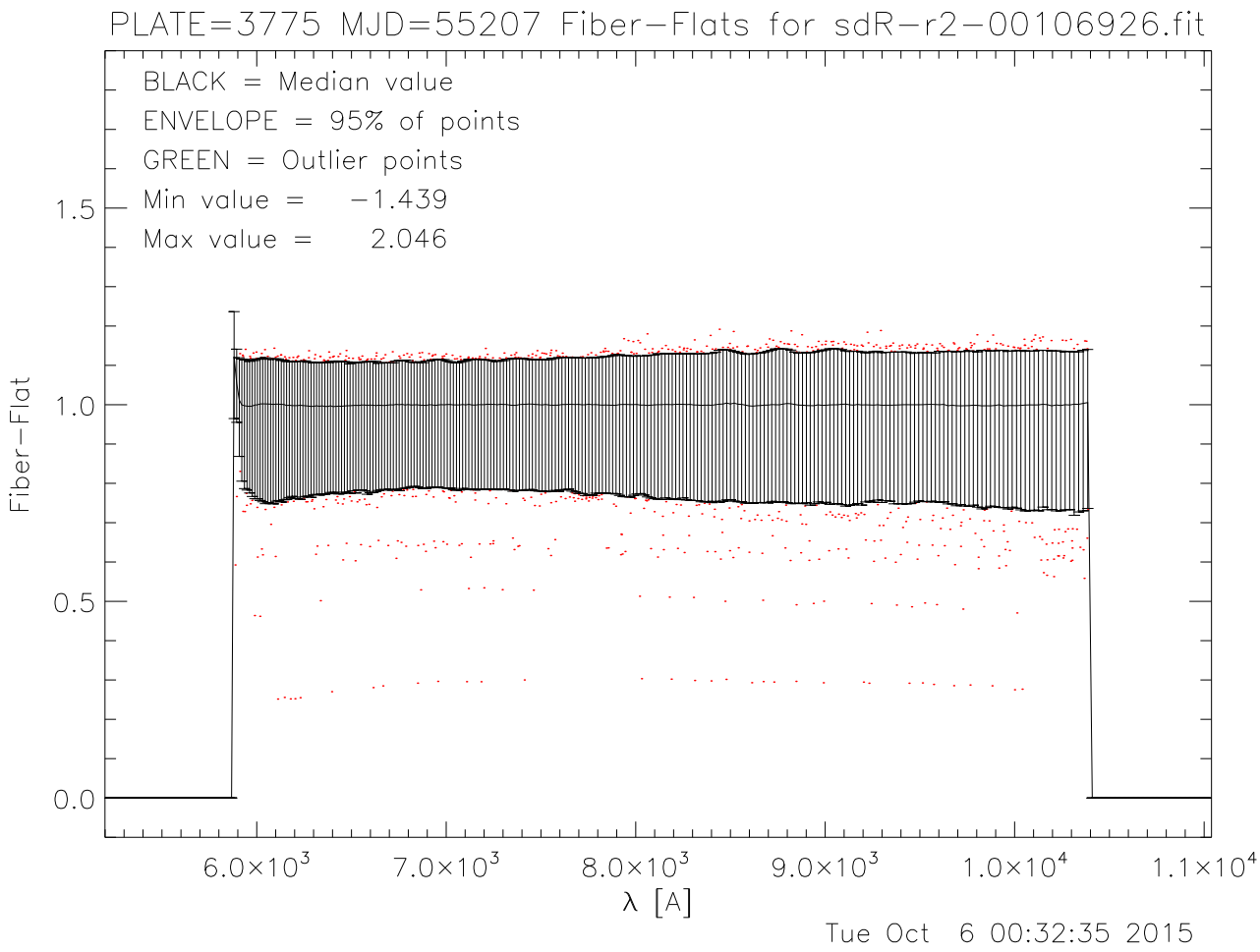

PLATE=3775 MJD=55207 sdR-r2-00106924.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
400
300
200
100
0
-100
-200
-300
8820
8840
8860
8880
8900
λ [A]

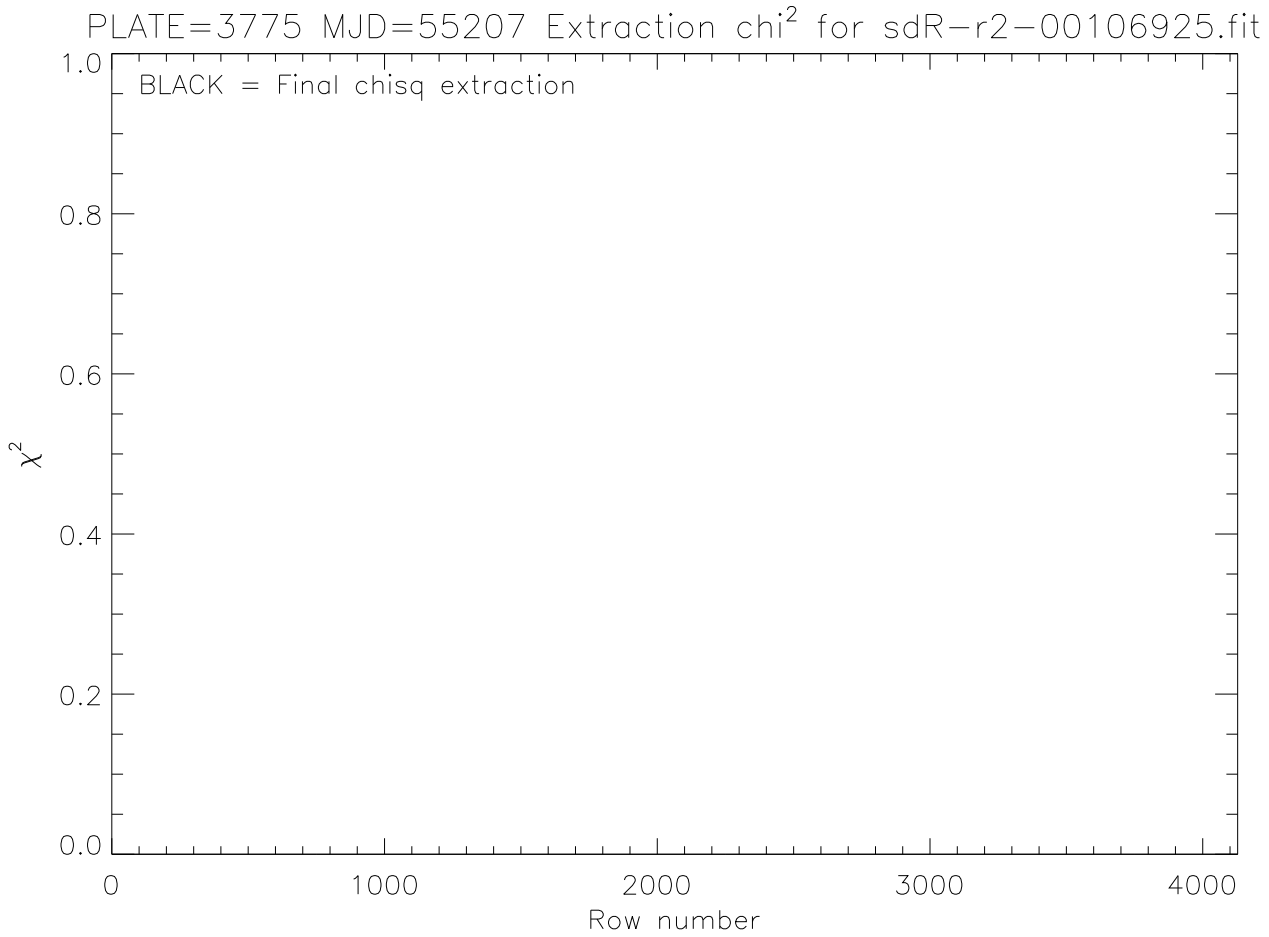
Number of sky fibers = 49

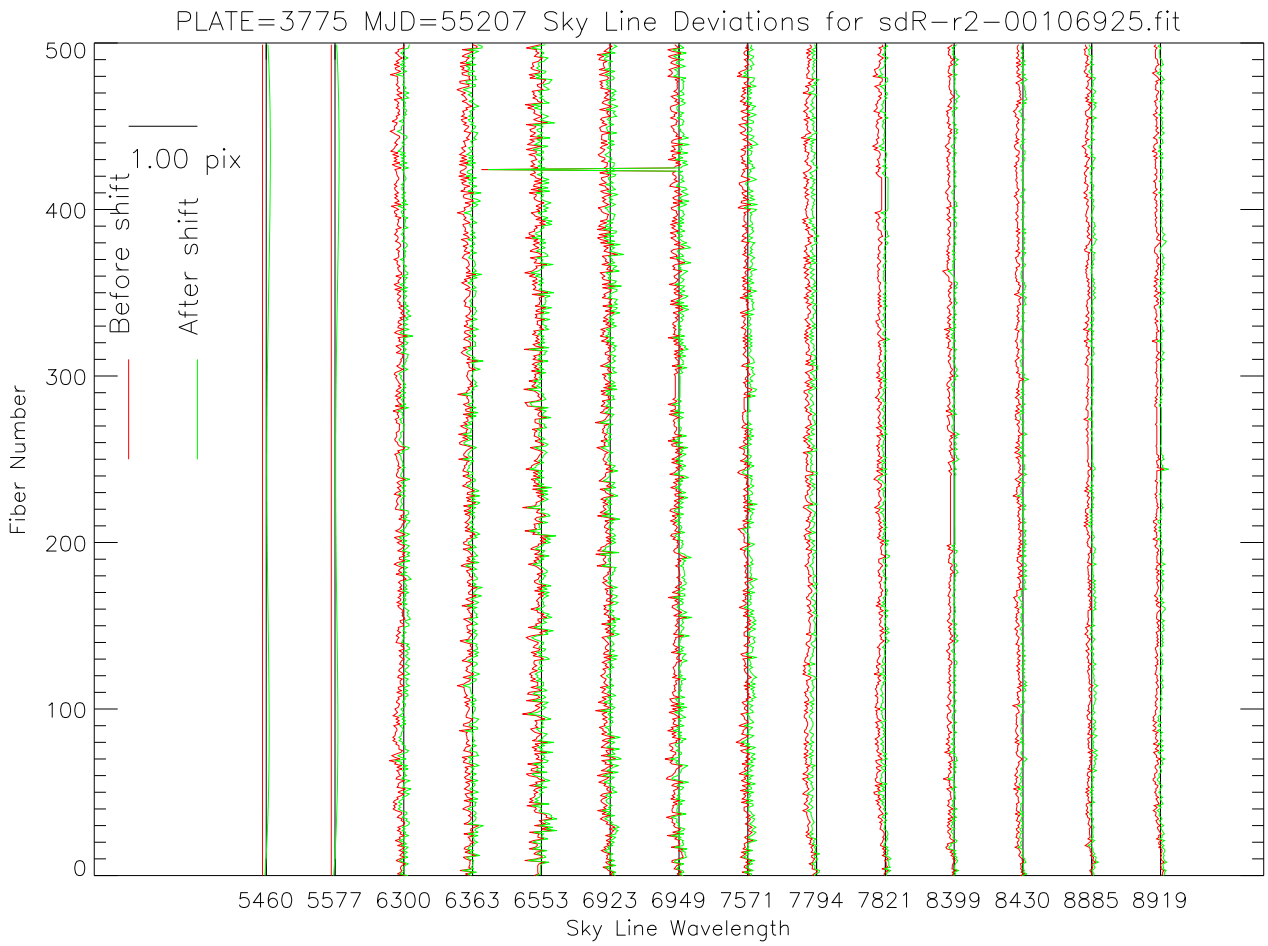


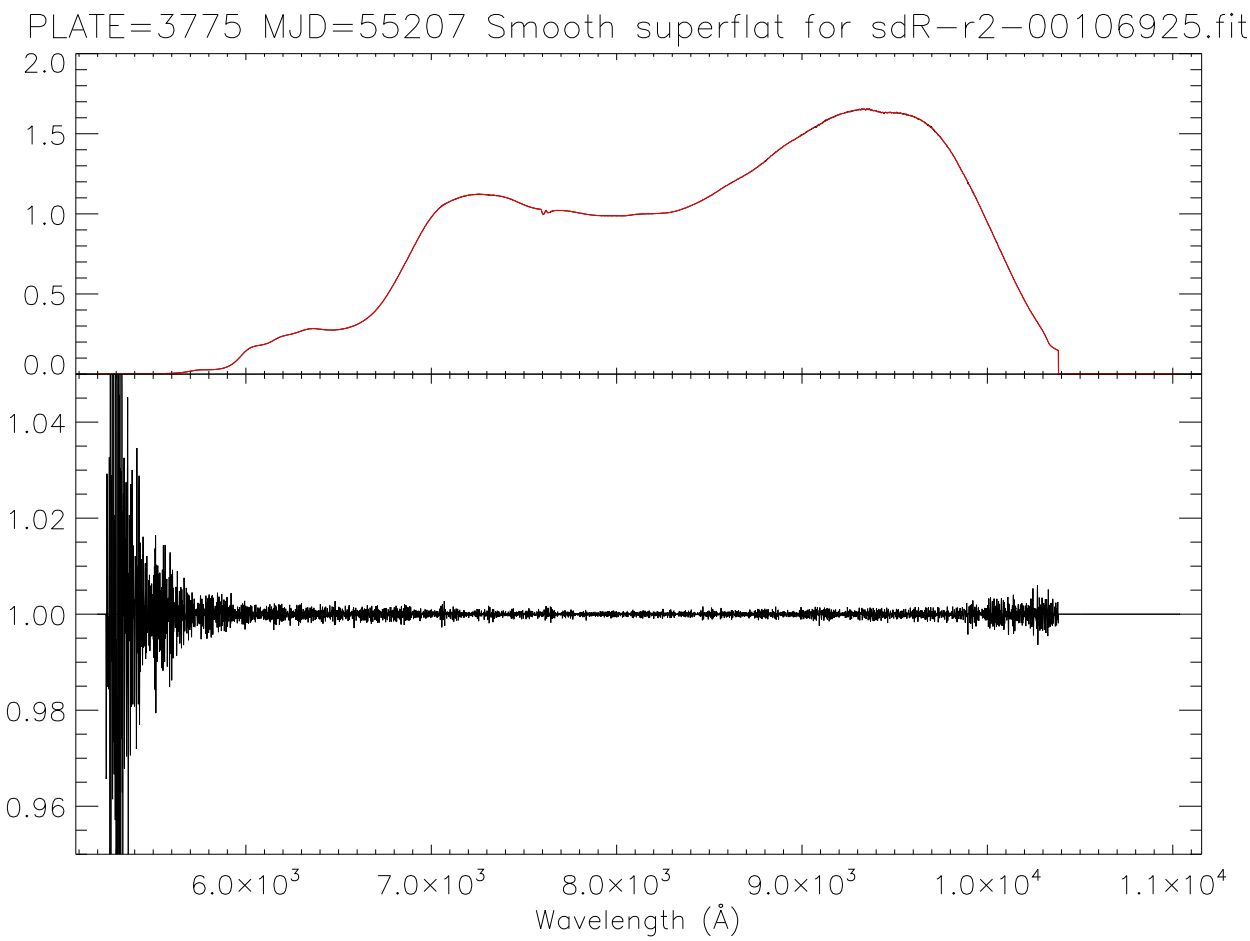

PLATE=3775 MJD=55207 sdR-r2-00106924.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
RED = sky fiber
Dispersion = 2.53 %
Fiber number
Flux (7343.0)/Airmass
Focal Distance [mm]
Flux (7343.0)/Airmass
Airmass

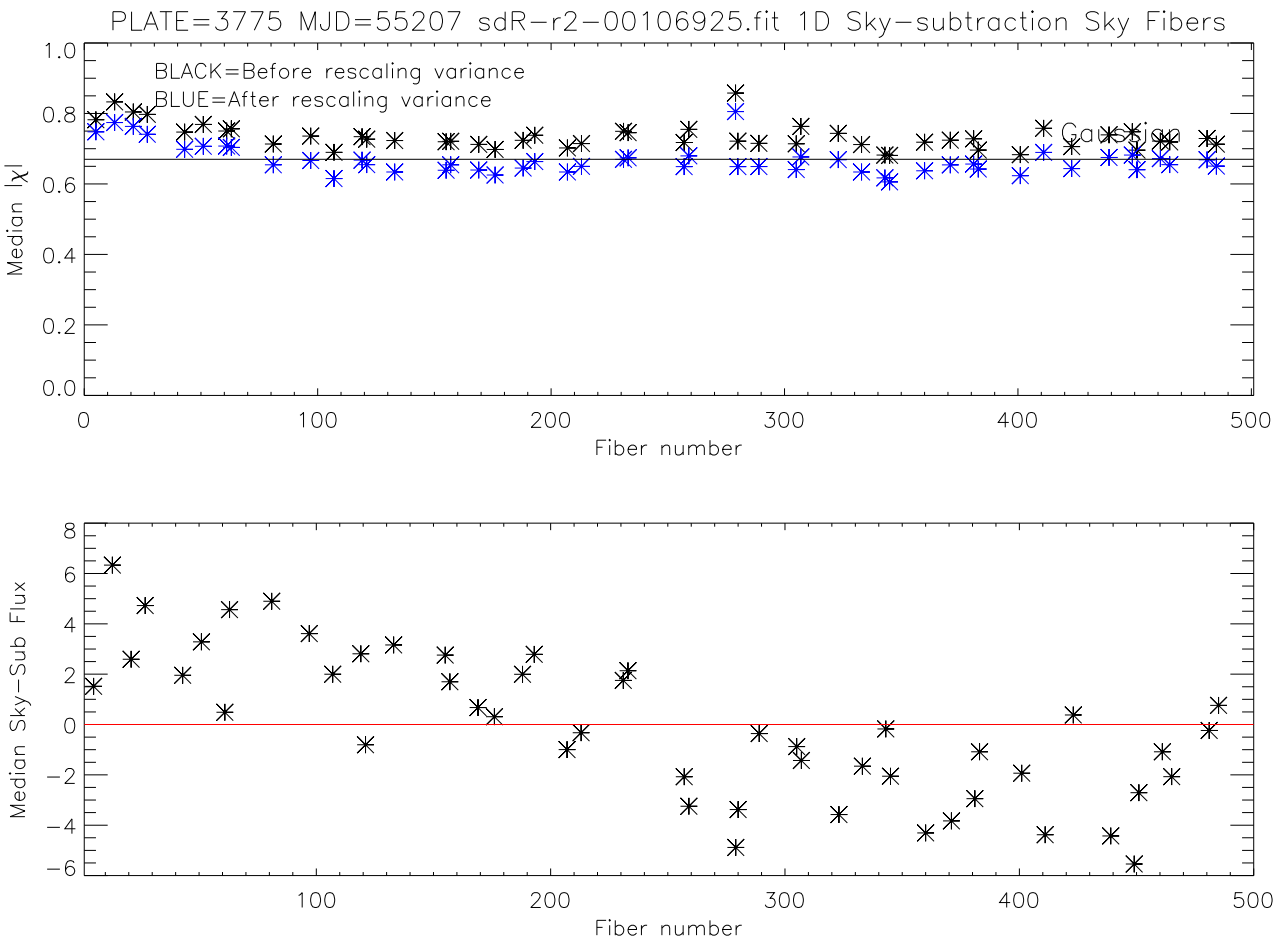

PLATE=3775 MJD=55207 sdR-r2-00106924.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
RED = sky fiber
Dispersion = 1.64 %
Fiber number
Focal Distance [mm]
Airmass

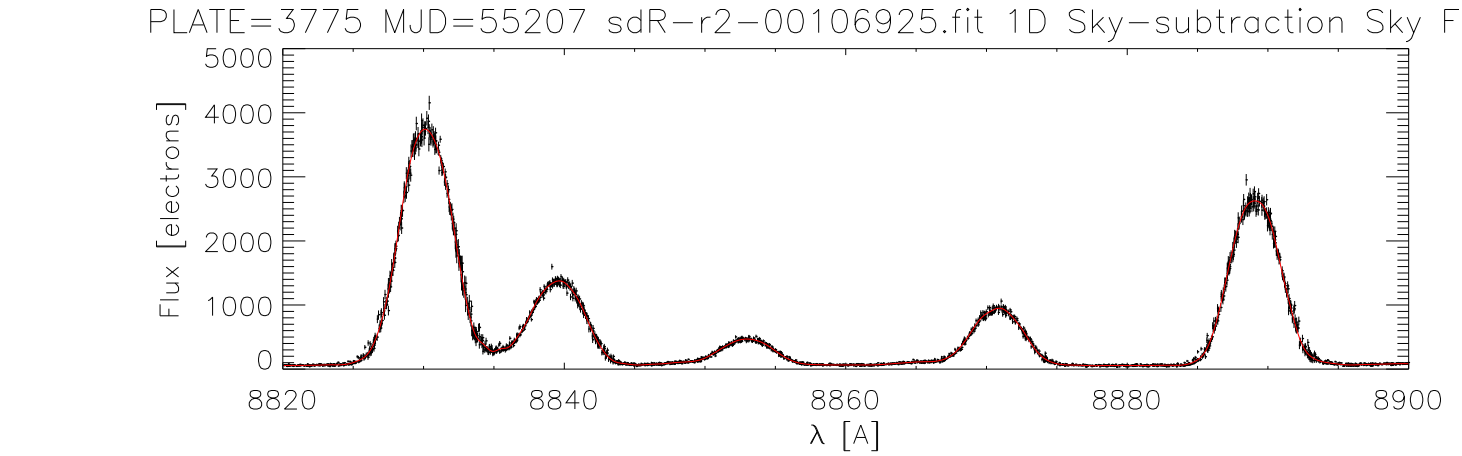

PLATE=3775 MJD=55207 Fiber−Flats for sdR−r2−00106926.fit
BLACK = Median value
ENVELOPE = 95% of points
GREEN = Outlier points
Min value = −1.439
Max value = 2.046
Fiber−Flat
1.5
1.0
0.5
0.0
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
λ [A]
Tue Oct 6 00:32:35 2015

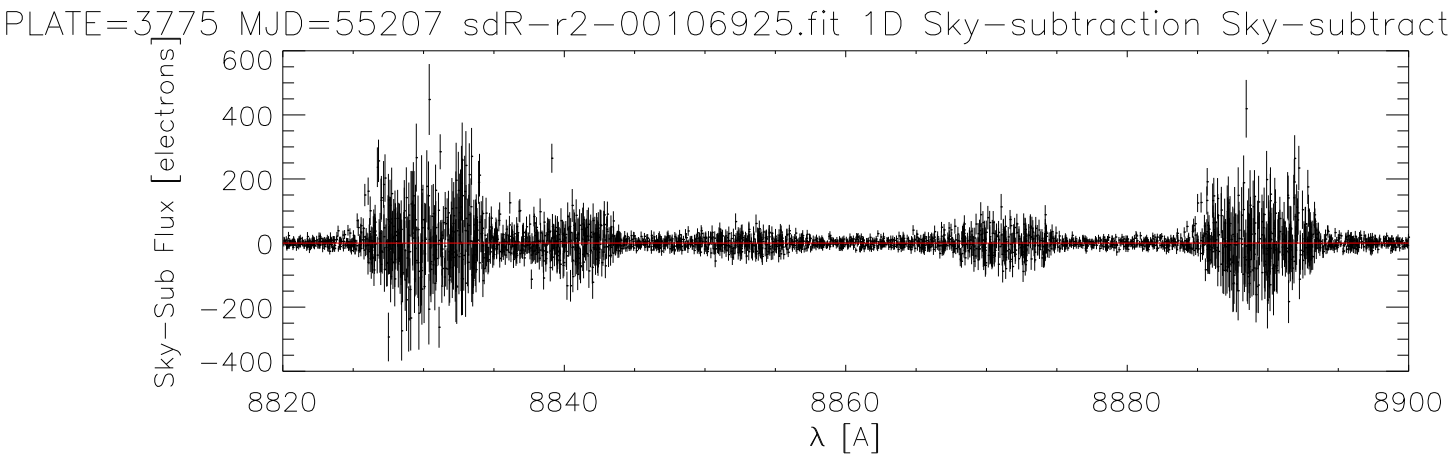

PLATE=3775 MJD=55207 Extraction chi^2 for sdR−r2−00106925.fit
BLACK = Final chisq extraction
χ^2
1.0
0.8
0.6
0.4
0.2
0.0
0
1000
2000
3000
4000
Row number


PLATE=3775 MJD=55207 Sky Line Deviations for sdR-r2-00106925.fit
Before shift
After shift
1.00 pix
Fiber Number
0
100
200
300
400
500
5460 5577 6300 6363 6553 6923 6949 7571 7794 7821 8399 8430 8885 8919
Sky Line Wavelength

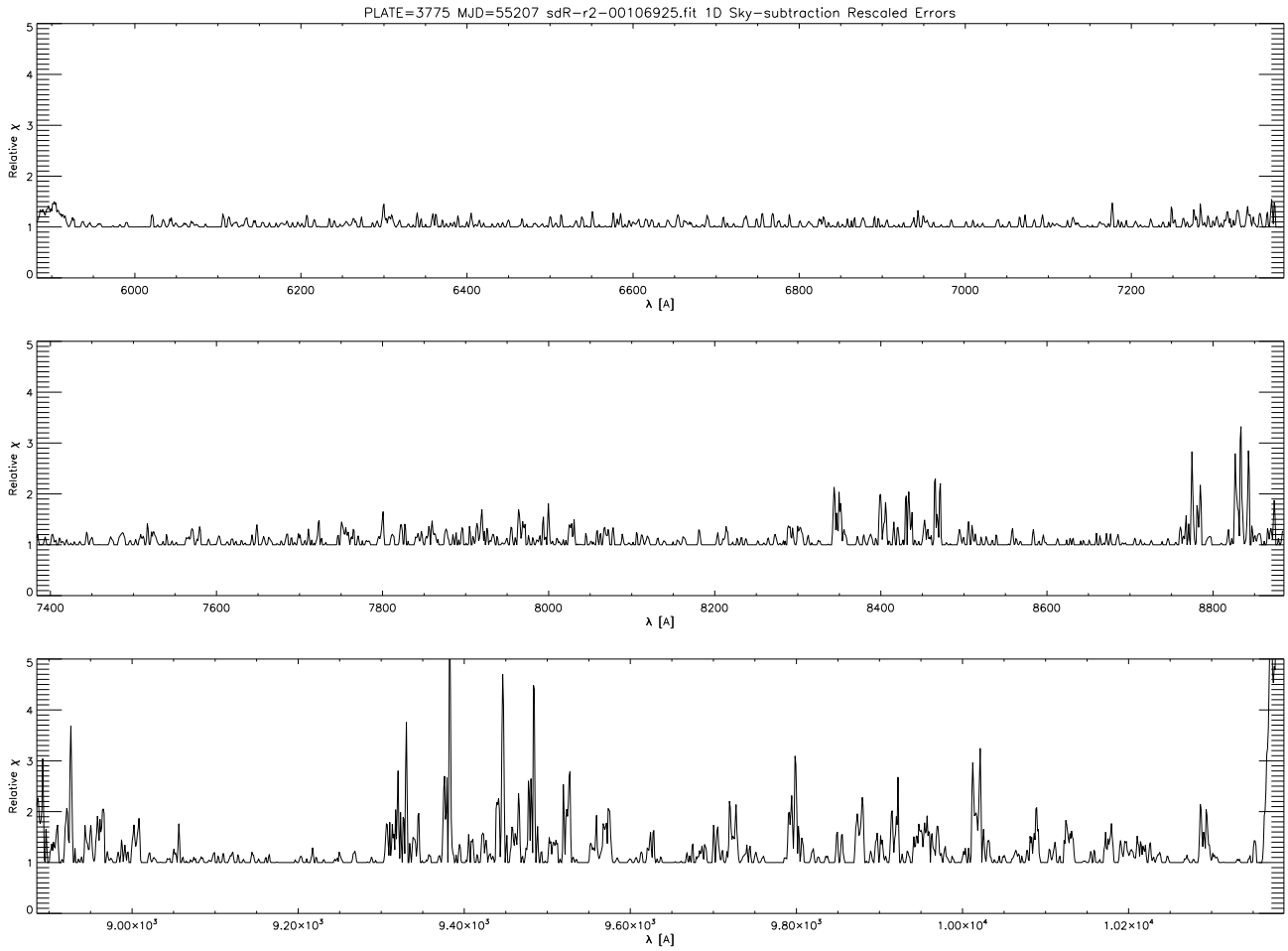

PLATE=3775 MJD=55207 Smooth superflat for sdR-r2-00106925.fit
2.0
1.5
1.0
0.5
0.0
1.04
1.02
1.00
0.98
0.96
6.0×10^3
7.0×10^3
8.0×10^3
9.0×10^3
1.0×10^4
1.1×10^4
Wavelength (Å)

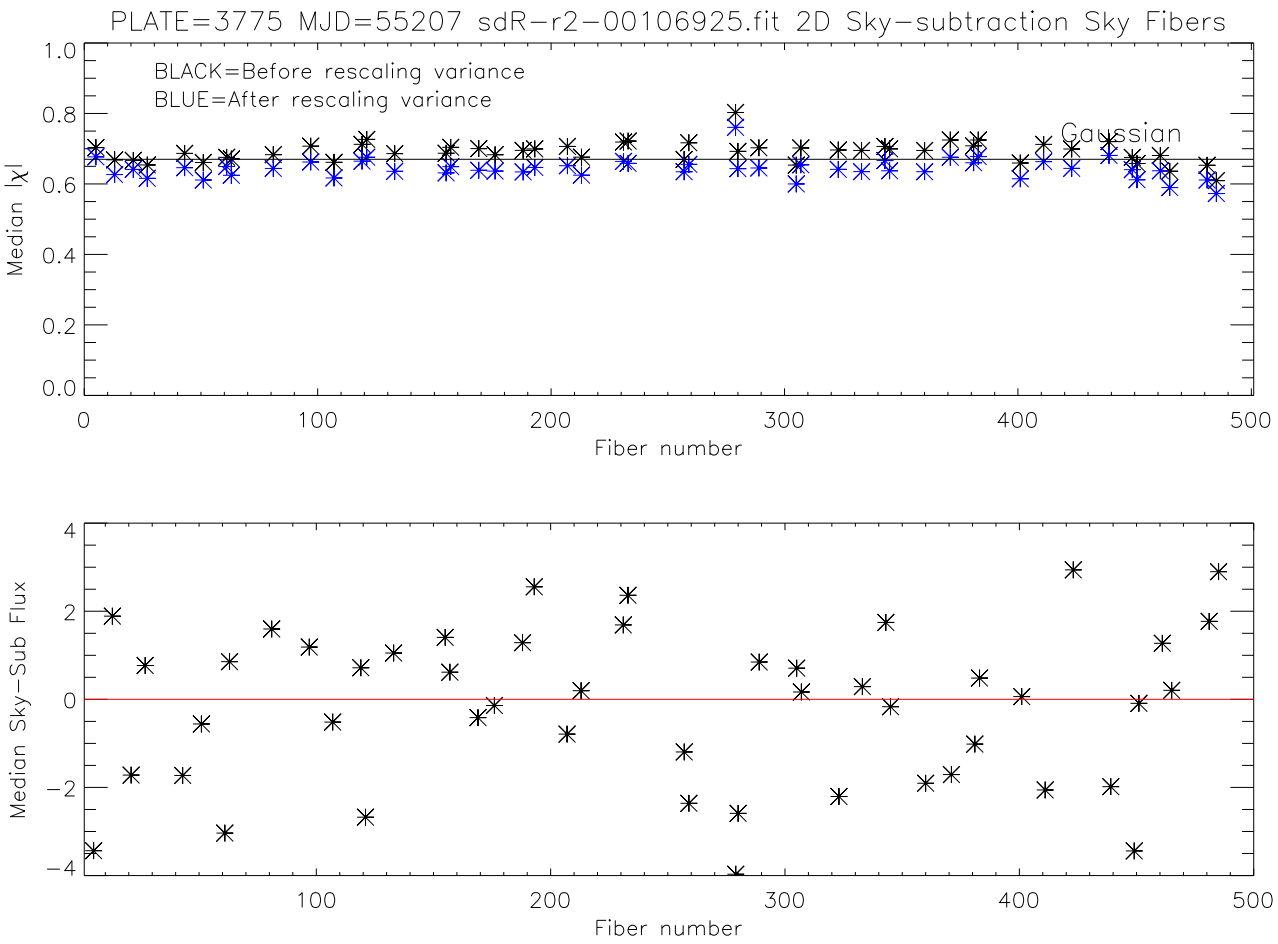

PLATE=3775 MJD=55207 sdR-r2-00106925.fit 1D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

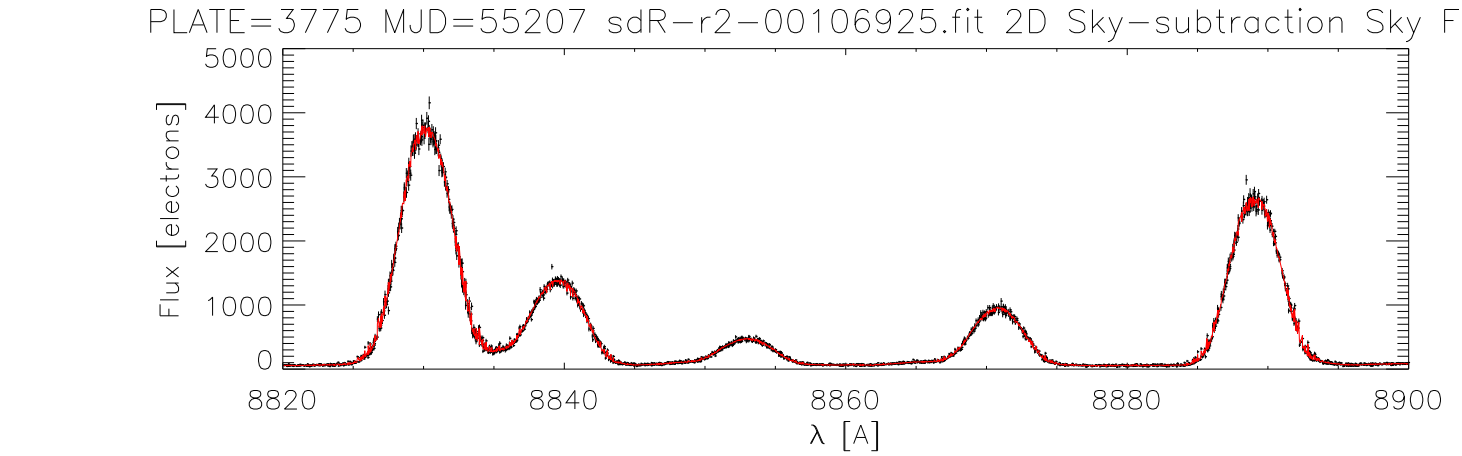

PLATE=3775 MJD=55207 sdR-r2-00106925.fit 1D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]

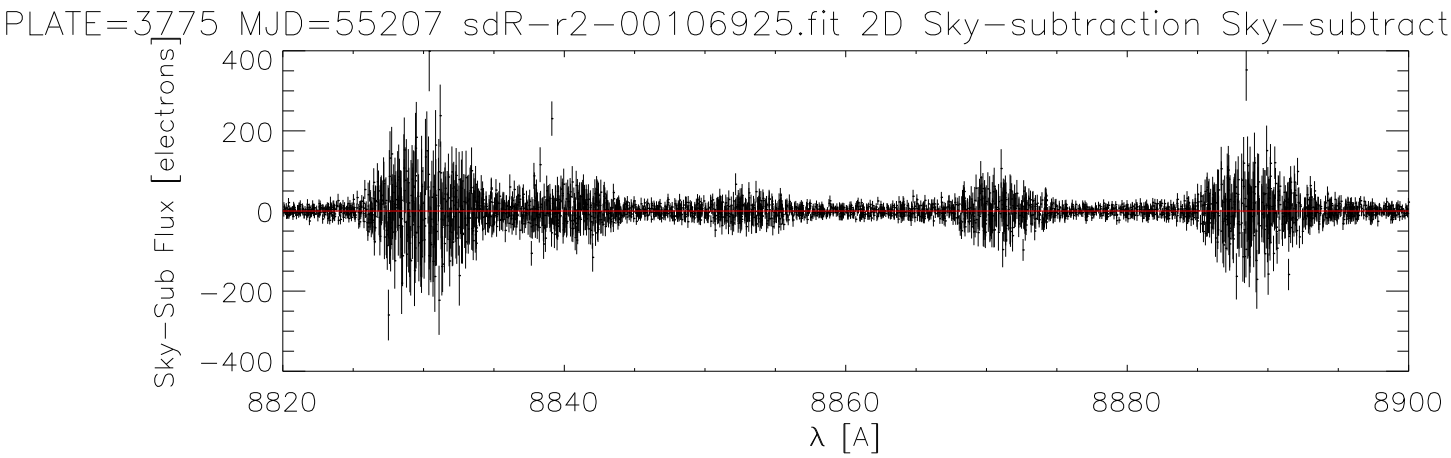

PLATE=3775 MJD=55207 sdR-r2-00106925.fit 1D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
600
400
200
0
-200
-400
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 49

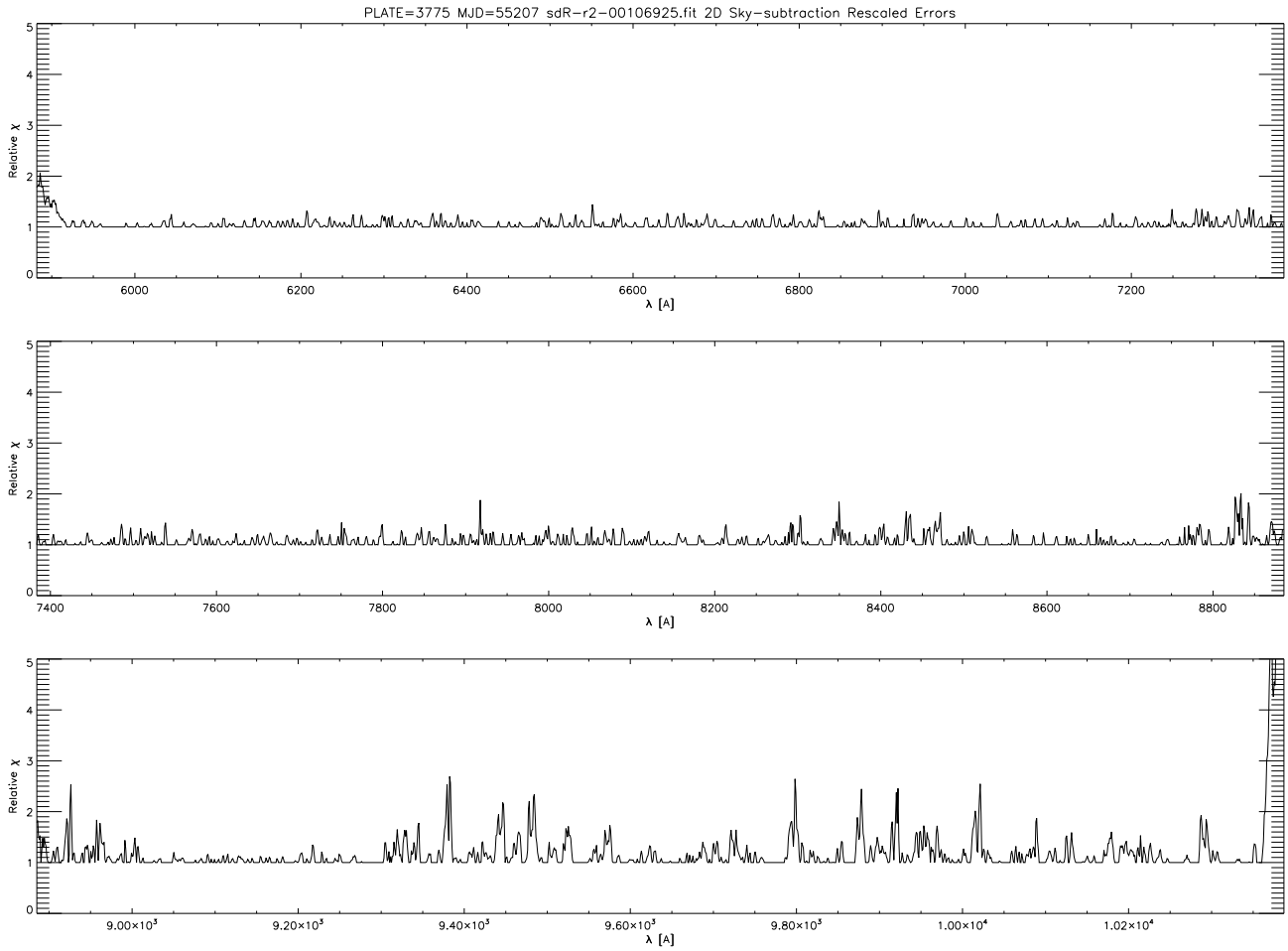


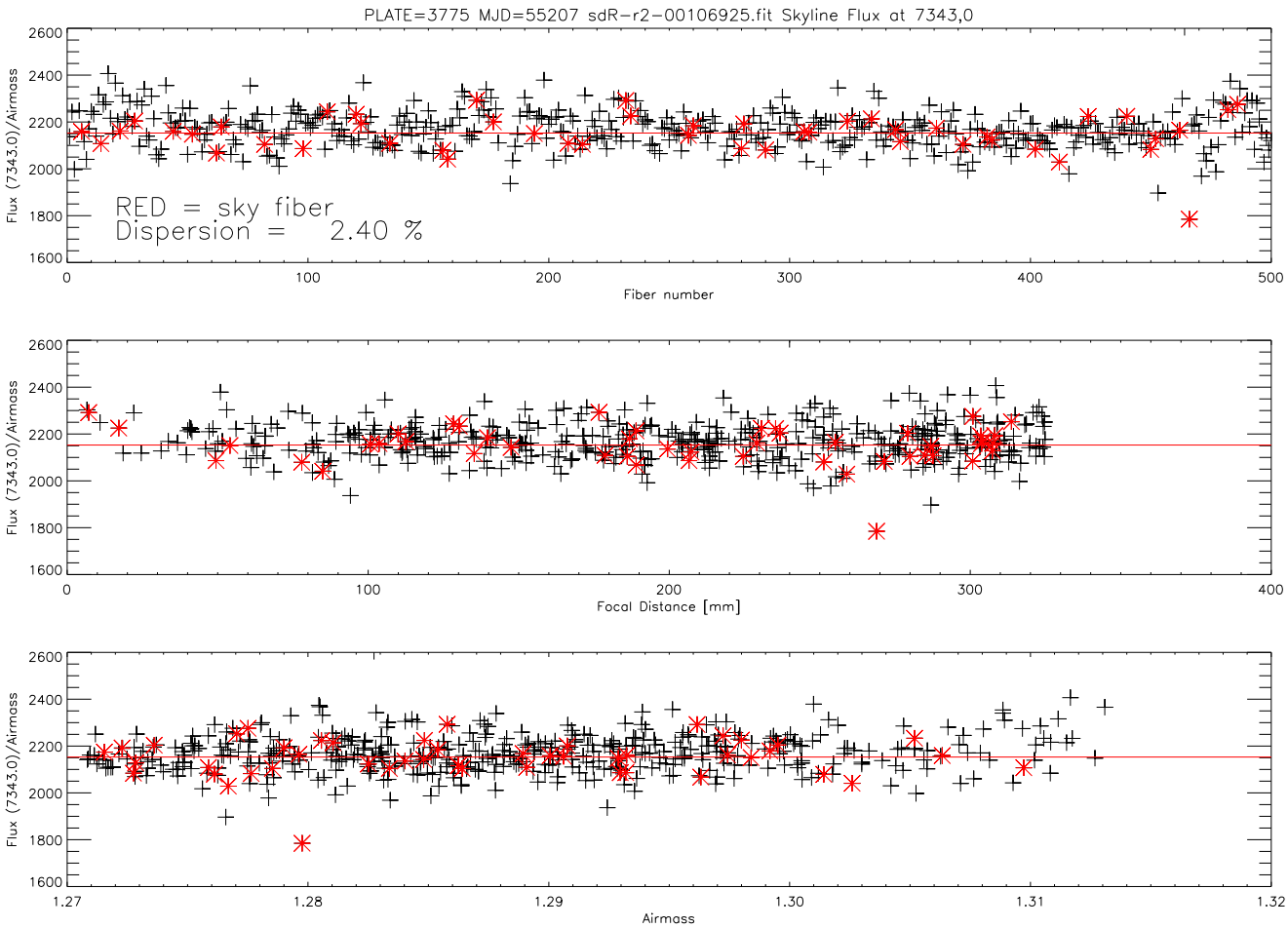

PLATE=3775 MJD=55207 sdR-r2-00106925.fit 2D Sky-subtraction Sky Fibers
BLACK=Before rescaling variance
BLUE=After rescaling variance
Gaussian
Median |χ|
Fiber number
Median Sky-Sub Flux
Fiber number

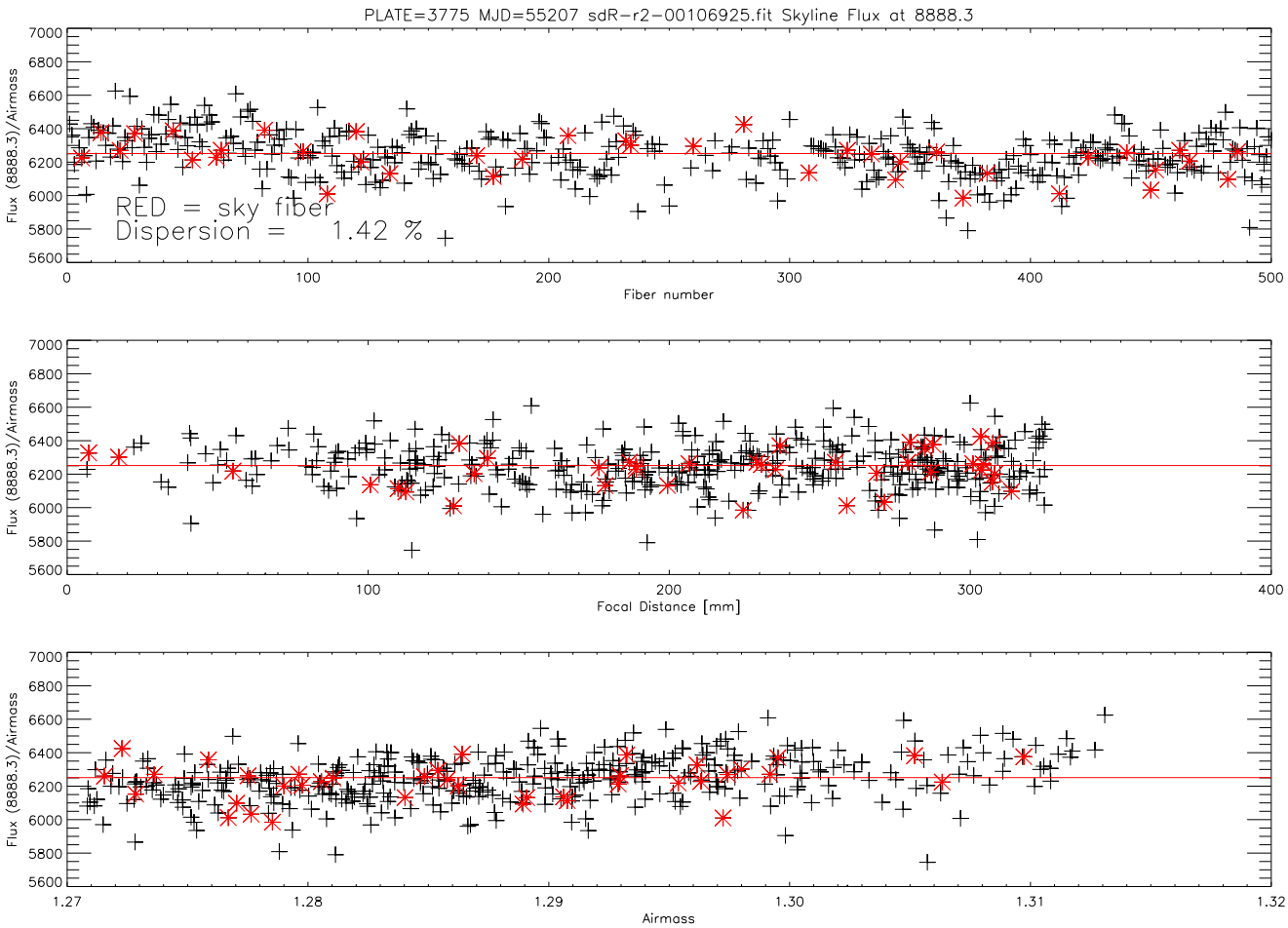

PLATE=3775 MJD=55207 sdR-r2-00106925.fit 2D Sky-subtraction Sky Fibers
Flux [electrons]
5000
4000
3000
2000
1000
0
8820
8840
8860
8880
8900
λ [A]


PLATE=3775 MJD=55207 sdR-r2-00106925.fit 2D Sky-subtraction Sky-subtracted Sky F
Sky-Sub Flux [electrons]
400
200
0
-200
-400
8820
8840
8860
8880
8900
λ [A]

Number of sky fibers = 49




PLATE=3775 MJD=55207 sdR-r2-00106925.fit Skyline Flux at 7343,0
Flux (7343.0)/Airmass
RED = sky fiber
Dispersion = 2.40 %
Fiber number
Focal Distance [mm]
Airmass


PLATE=3775 MJD=55207 sdR-r2-00106925.fit Skyline Flux at 8888.3
Flux (8888.3)/Airmass
RED = sky fiber
Dispersion = 1.42 %
Fiber number
Focal Distance [mm]
Airmass