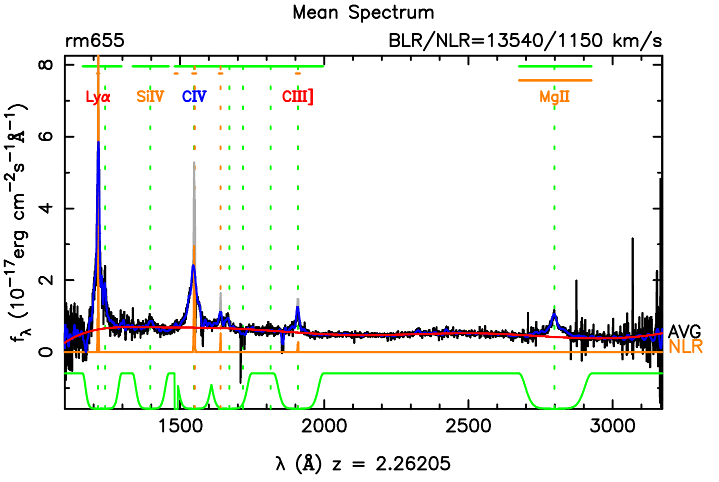
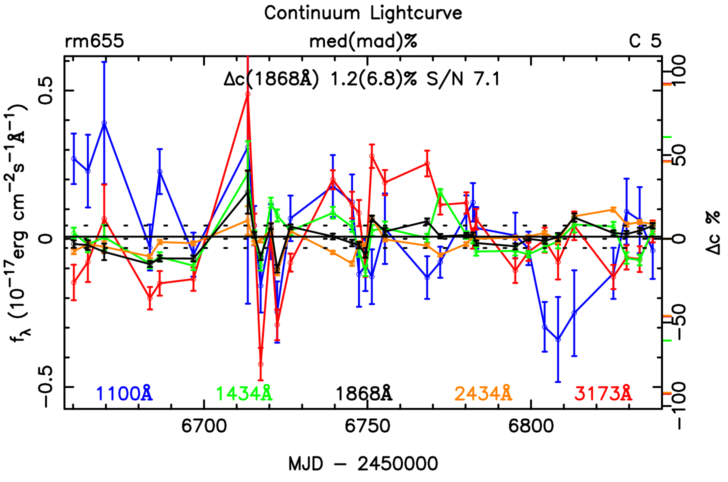
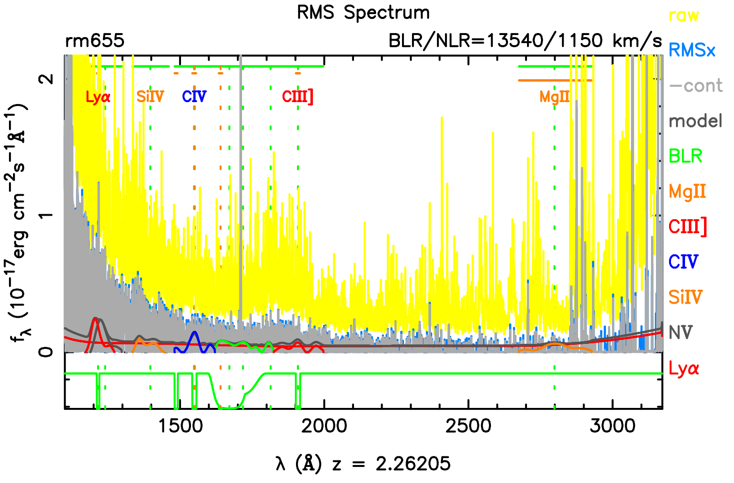
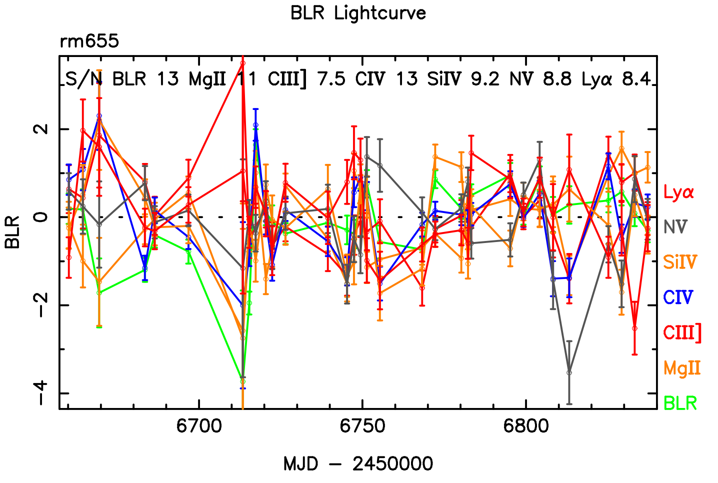
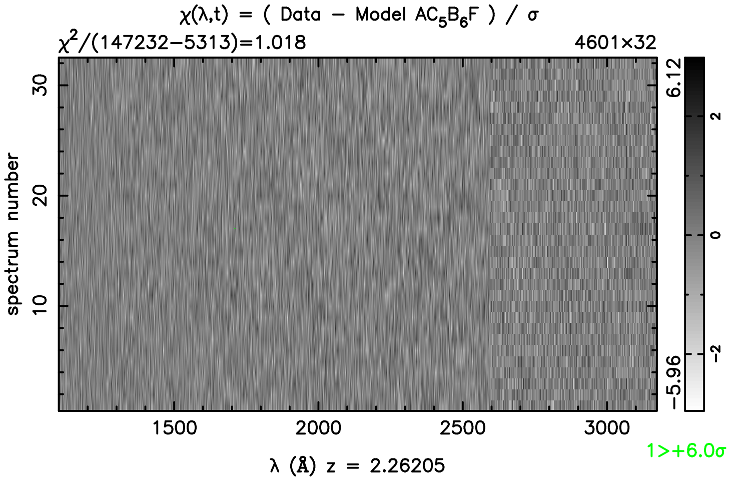
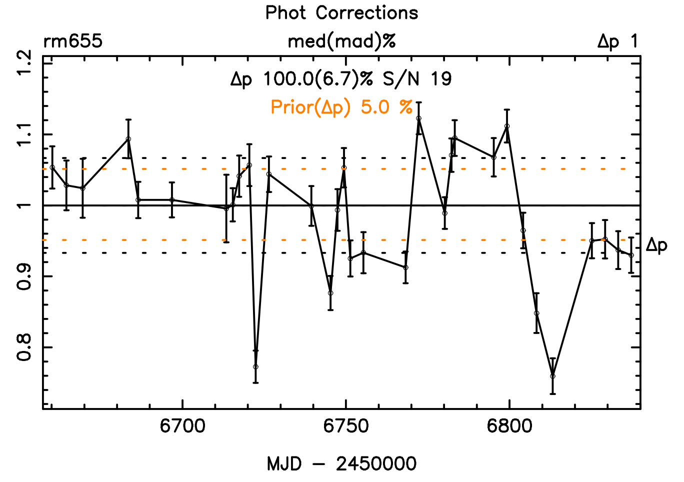

Mean Spectrum
rm655
BLR/NLR=13540/1150 km/s
Lyα
SiIV
CIV
CIII]
MgII
AVG
NLR
f_λ (10^{-17}erg cm^{-2}s^{-1}Å^{-1})
λ (Å) z = 2.26205
0
2
4
6
8
1500
2000
2500
3000

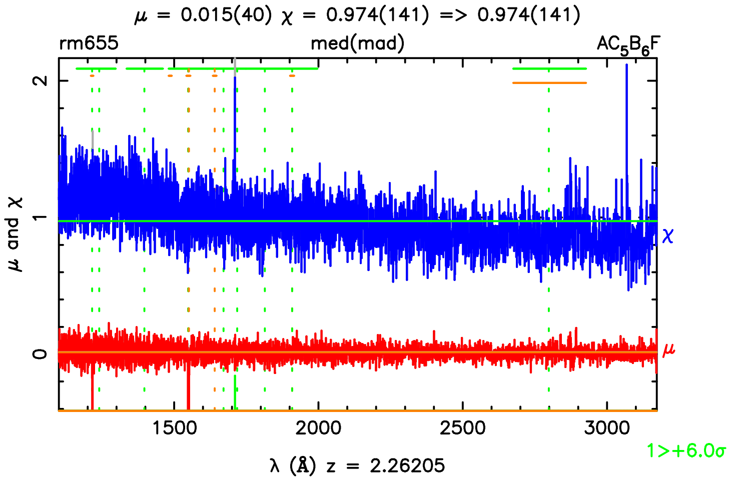

Continuum Lightcurve
rm655
med(mad)%
C 5
Δc(1868Å) 1.2(6.8)% S/N 7.1
1100Å
1434Å
1868Å
2434Å
3173Å
f_λ (10^{-17}erg cm^{-2}s^{-1}Å^{-1})
Δc %
MJD − 2450000
−0.5
0
0.5
−100
−50
0
50
100
6700
6750
6800

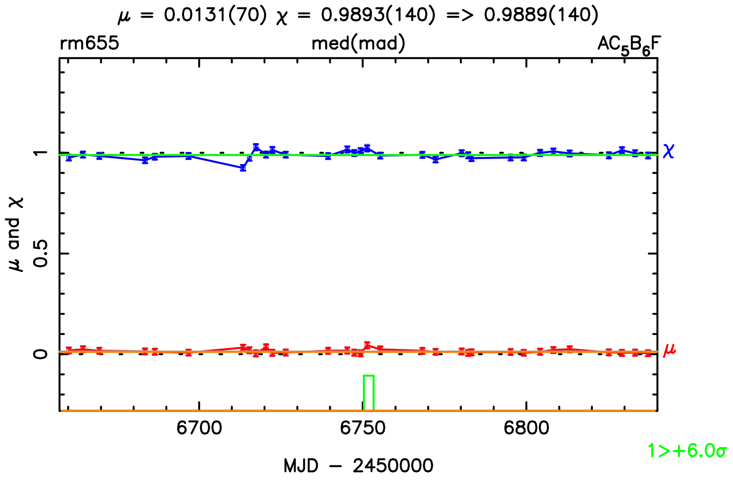

RMS Spectrum
rm655
BLR/NLR=13540/1150 km/s
raw
RMSx
−cont
model
BLR
MgII
CIII]
CIV
SiIV
NV
Lyα
f_λ (10^{-17}erg cm^{-2}s^{-1}Å^{-1})
λ (Å) z = 2.26205
0
1
2
1500
2000
2500
3000


BLR Lightcurve
rm655
S/N BLR 13 MgII 11 CIII] 7.5 CIV 13 SiIV 9.2 NV 8.8 Lyα 8.4
Lyα
NV
SiIV
CIV
CIII]
MgII
BLR
MJD − 2450000
−4
−2
0
2
6700
6750
6800


$\chi(\lambda,t)$ = (Data − Model AC_5B_6F) / σ
$\chi^2/(147232-5313)=1.018$
4601×32
spectrum number
λ (Å) z = 2.26205
6.12
−5.96
2
0
−2
10
20
30
1500
2000
2500
3000
1>+6.0σ


Phot Corrections
rm655
med(mad)%
Δp 1
Δp 100.0(6.7)% S/N 19
Prior(Δp) 5.0 %
Δp
MJD − 2450000
0.8
0.9
1
1.1
1.2
6700
6750
6800


μ = 0.015(40) χ = 0.974(141) => 0.974(141)
rm655
med(mad)
AC_5B_6F
μ and χ
χ
μ
λ (Å) z = 2.26205
0
1
2
1500
2000
2500
3000
1>+6.0σ


μ = 0.0131(70) χ = 0.9893(140) => 0.9889(140)
rm655
med(mad)
AC_5B_6F
μ and χ
χ
μ
MJD − 2450000
0
0.5
1
6700
6750
6800
1>+6.0σ