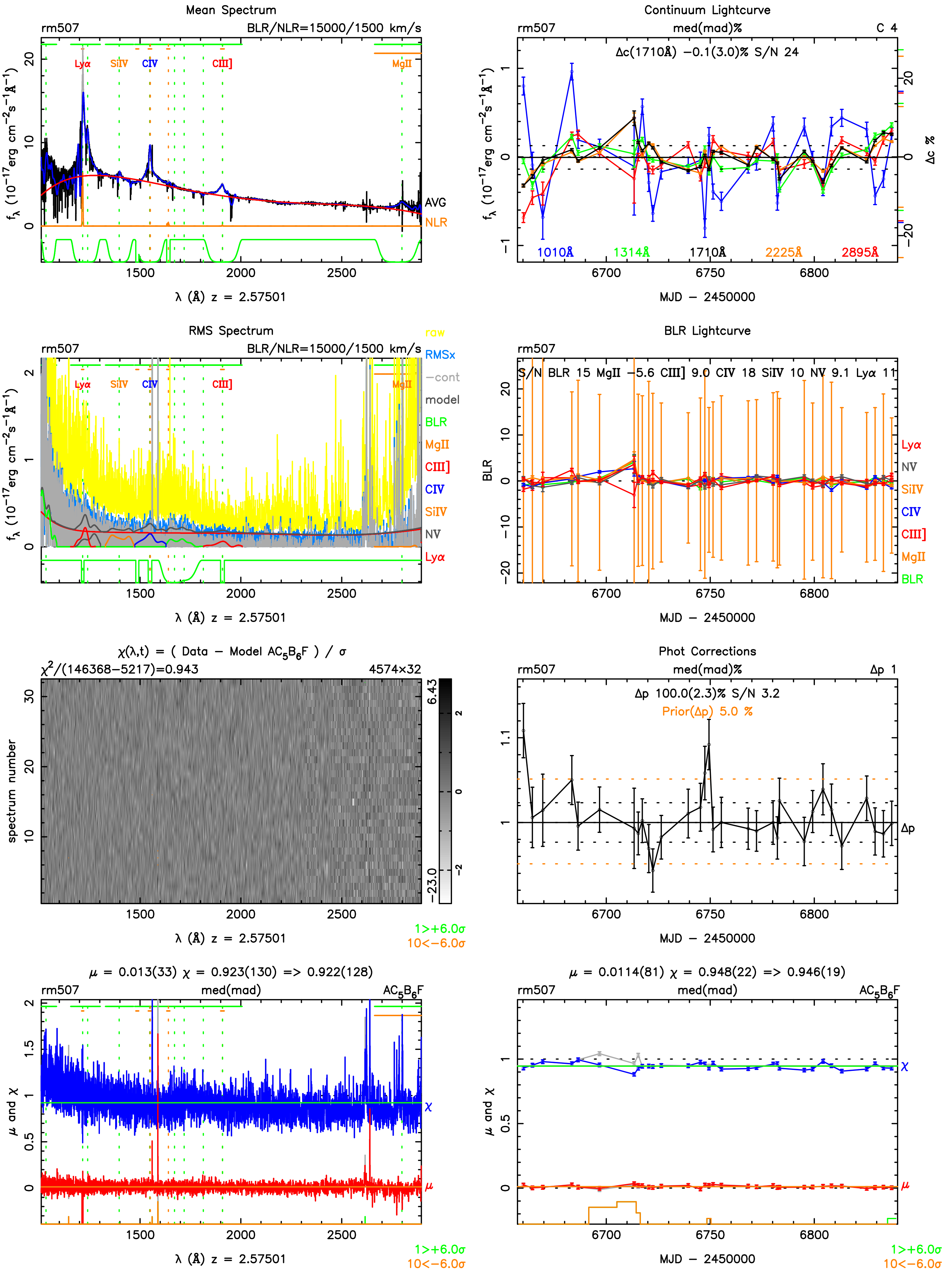
Mean Spectrum
rm507
BLR/NLR=15000/1500 km/s
Lyα
SiIV
CIV
CIII]
MgII
AVG
NLR
f_λ (10^{-17}erg cm^{-2}s^{-1}Å^{-1})
λ (Å) z = 2.57501
Continuum Lightcurve
rm507
med(mad)%
C 4
Δc(1710Å) −0.1(3.0)% S/N 24
1010Å
1314Å
1710Å
2225Å
2895Å
Δc %
MJD − 2450000
RMS Spectrum
rm507
BLR/NLR=15000/1500 km/s
raw
RMSx
−cont
model
BLR
MgII
CIII]
CIV
SiIV
NV
Lyα
BLR Lightcurve
rm507
S/N BLR 15 MgII −5.6 CIII] 9.0 CIV 18 SiIV 10 NV 9.1 Lyα 11
BLR
Lyα
NV
SiIV
CIV
CIII]
MgII
BLR
$\chi(\lambda,t)$ = (Data − Model AC_5B_6F) / σ
χ^2/(146368−5217)=0.943
4574×32
spectrum number
6.43
−23.0
1>+6.0σ
10<−6.0σ
Phot Corrections
rm507
med(mad)%
Δp 1
Δp 100.0(2.3)% S/N 3.2
Prior(Δp) 5.0 %
Δp
μ = 0.013(33) χ = 0.923(130) => 0.922(128)
rm507
med(mad)
AC_5B_6F
μ and χ
χ
μ
1>+6.0σ
10<−6.0σ
μ = 0.0114(81) χ = 0.948(22) => 0.946(19)
rm507
med(mad)
AC_5B_6F
μ and χ
χ
μ
1>+6.0σ
10<−6.0σ