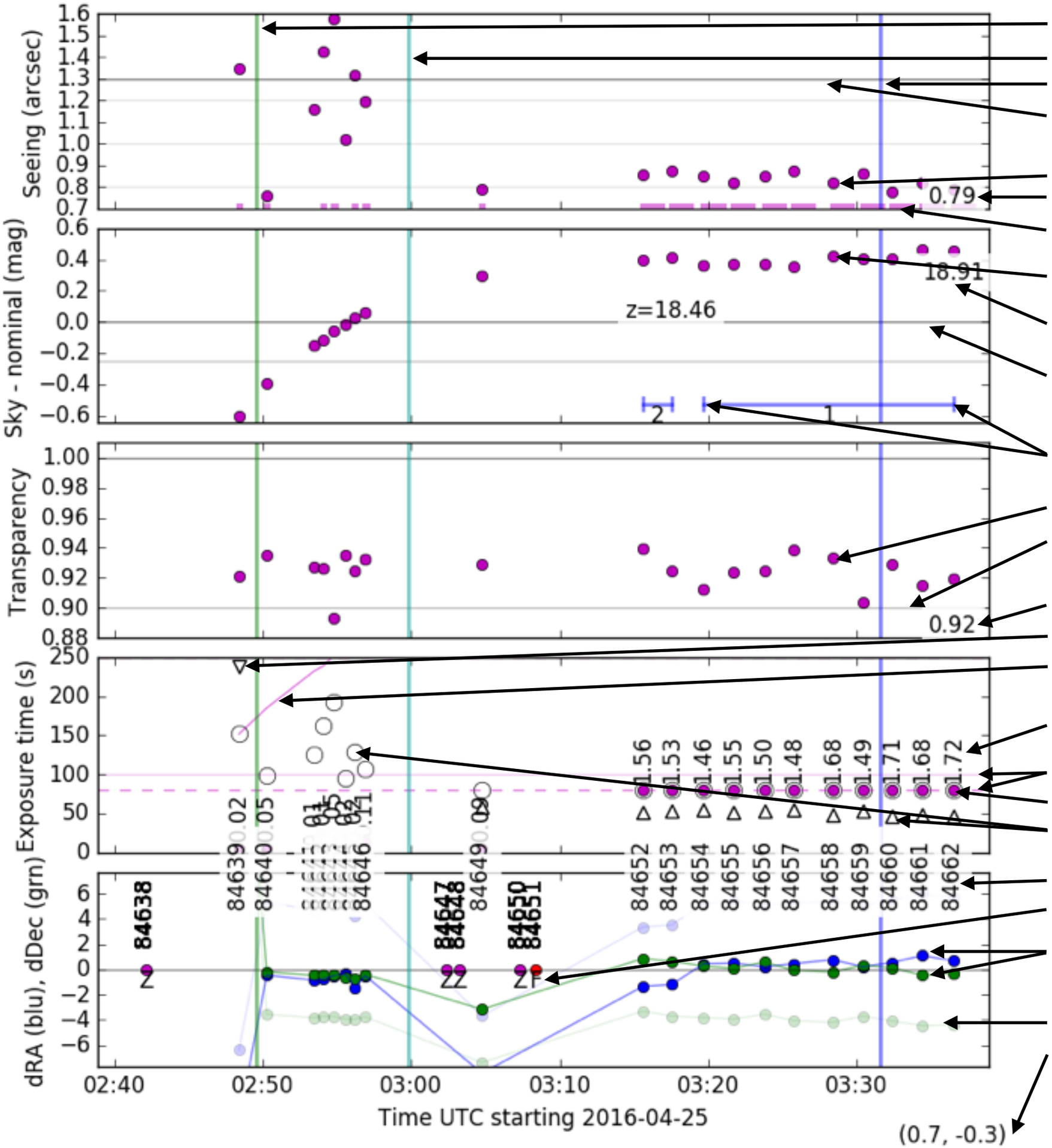

Time of 10 deg twilight

Time of 12 deg twilight

Time of 18 deg twilight

Seeing boundary between pass=1 and pass=2,3

Plotted seeing for one exposure

Numerical seeing for last exposure

Bar shows open shutter times

Plotted sky brightness for one exp

Numerical sky brightness for last exp

Nominal sky brightness, just for reference drawn at 18.46 mag/arcsec^2

Block of time for pass=1 exposures

Plotted transparency for one exposure

Transparency boundary between pass=1 and pass=2,3

Numerical transp. for last exposure

Required exp time exceeds 250 sec

Exposure time above which sky would exceed 30,000 counts/pix

Numerical ratio of actual/necessary exposure time (too shallow if <1)

Nominal (100) and minimum (80) exptime

Actual exp time for one exposure

Necessary exp time to reach depth

EXPNUM in file name and header

“Z” for zero, “F” for focus frame

Pointing offset from amplifier im16 in RA (blue), Dec (green)

Pointing offset from another amp??

Numerical dRA,dDec for last exp; command telescope offsets with the opposite sign of these numbers