

# V&V Summary Report

## L2 ASCDS Version : 7.6.7.1

Observation 7172 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date: 26 2006

See axaff07172N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.18459

## Comments

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the reported value of the ACIS FP temperature was ~1.3 degrees warmer than the actual temperature. GOs should subtract 1.3 degrees from the reported temperature to determine the true temperature. In addition the FP temperature was not regulating during this period. The FP temperature fluctuated between -121.3 C and -118.8 C during this time. For analysis of line-dominated spectra from the FI CCDs, GOs might notice a systematic gain shift by up to 0.5%, either towards higher/lower energies depending on if the FP temperature was colder/warmer than -119.7 C. Analysis of line-dominated spectra on S3 are mostly unaffected (where mostly unaffected means that the changes are smaller than the current uncertainties in the calibration). Analysis of continuum-dominated spectra on both the FI and BI CCDs are mostly unaffected. Imaging analysis on both the FI and BI CCDs are mostly unaffected.

seq_num	800465
obs_id	7172
title	Cluster Strong Lensing at High Redshift
observer	Dr Michael Gladders
object	RCS2319.9+0038
dtcycle	0
cycle	P
ra_targ	349.974583
dec_targ	0.636556
ra_nom	349.97527835623
dec_nom	0.61582481597644
roll_nom	276.66559855398
revision	2
ontime	18184.599965036
livetime	17947.004779185
ontime2	18181.459014654
ontime3	18181.458984792
ontime5	18184.599965036
ontime6	18184.599965036
ontime7	18184.599965036
l2events	147020

