

# V&V Summary Report

## L2 ASCDS Version : 7.6.7.1

Observation 59447 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date: 26 2006

See [axaff59447N002\\_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	8.23999996

## Comments

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the 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	
obs_id	59447
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	339.98728373027
dec_nom	21.971668466504
roll_nom	213.30612218097
revision	2
ontime	8239.9999693036
livetime	8135.66012816
ontime0	8236.759088546
ontime1	8236.7589691281
ontime2	8239.9713209569
ontime3	8239.9999693036
ontime6	8239.9302809834
ontime7	8239.9999693036
l2events	1065220