

# V&V Summary Report

## L2 ASCDS Version : 7.6.7.1

Observation 5391 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date: 25 2006

See axaff05391N002\_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	2.959999

## 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	200326
obs_id	5391
title	The puzzle of X-ray emission from magnetic stars without convective envelopes
observer	Dr. Jurgen Schmitt
object	HD 12767
dtcycle	0
cycle	P
ra_targ	31.1225
dec_targ	-29.296806
ra_nom	31.130228765493
dec_nom	-29.289665240246
roll_nom	56.388218822451
revision	2
ontime	2959.9999889731
livetime	2922.5186868147
ontime2	2959.9999889731
ontime3	2959.9999889731
ontime5	2959.9999889731
ontime6	2959.9999889731
ontime7	2959.9999889731
ontime8	2959.9999889731
l2events	31879

