

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 5391 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See axaff05391N004_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.03.07
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. The value for FP temperature reported in the headers of the Level 2 event file and the Mission Timeline files are incorrect by this amount for this processing. However, the temperature is corrected in the processing in order to obtain the correct temperature for the CTI correction. So the calibrated data are correct. If using the FP temp values in the headers of data files (some CIAO tools require this information), investigators should subtract 1.3 degrees from the reported temperature to determine the true temperature.

seq_num	200326	Sequence number
obs_id	5391	Observation id
title	The puzzle of X-ray emission from magnetic stars without convective envelopes	Proposal title
observer	Prof. Jurgen Schmitt	Principal investigator
object	HD 12767	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	31.1225	Observer's specified target RA [deg]
dec_targ	-29.296806	Observer's specified target Dec [deg]
ra_nom	31.130246468627	Nominal RA [deg]
dec_nom	-29.289642148825	Nominal Dec [deg]
roll_nom	56.388227490052	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2959.9999889731	Sum of GTIs [s]
livetime	2922.5186868147	Livetime [s]
ontime2	2959.9999889731	Sum of GTIs [s]
ontime3	2959.9929396808	Sum of GTIs [s]
ontime5	2959.9999889731	Sum of GTIs [s]
ontime6	2959.9999889731	Sum of GTIs [s]
ontime7	2959.9999889731	Sum of GTIs [s]
ontime8	2959.9518997073	Sum of GTIs [s]
l2events	33077	Number of level 2 events

