

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59390 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See [axaff59390N004_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1663999695778

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	 	Sequence number
obs_id	59390	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	15.972598379913	Nominal RA [deg]
dec_nom	36.181814844296	Nominal Dec [deg]
roll_nom	186.53048210241	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8166.3999695778	Sum of GTIs [s]
livetime	8062.9920959473	Livetime [s]
ontime4	7514.8666839004	Sum of GTIs [s]
ontime5	8166.3856650293	Sum of GTIs [s]
ontime6	8023.7415215373	Sum of GTIs [s]
ontime7	8166.3999695778	Sum of GTIs [s]
ontime8	8124.1298110485	Sum of GTIs [s]
ontime9	7754.7952523232	Sum of GTIs [s]
l2events	1027382	Number of level 2 events