

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 59397 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59397N004\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.03.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999691606

## 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	&#160	Sequence number
obs_id	59397	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	0	&#160
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	15.97103616659	Nominal RA [deg]
dec_nom	35.183905239854	Nominal Dec [deg]
roll_nom	181.33653599376	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8278.3999691606	Sum of GTIs [s]
livetime	8173.573884097	Livetime [s]
ontime0	8278.3999691606	Sum of GTIs [s]
ontime1	8278.3999691606	Sum of GTIs [s]
ontime2	8278.3999691606	Sum of GTIs [s]
ontime3	8278.3999691606	Sum of GTIs [s]
ontime6	8278.3599718511	Sum of GTIs [s]
ontime7	8278.3999691606	Sum of GTIs [s]
l2events	1057435	Number of level 2 events