

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 59439 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See [axaff59439N004\\_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	8.2237736323178

## 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	59439	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	347.68505302742	Nominal RA [deg]
dec_nom	25.975292867635	Nominal Dec [deg]
roll_nom	206.14950988775	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8223.7736323178	Sum of GTIs [s]
livetime	8119.6392588234	Livetime [s]
ontime0	8223.7325923145	Sum of GTIs [s]
ontime1	8223.6915523112	Sum of GTIs [s]
ontime2	8223.6505123079	Sum of GTIs [s]
ontime3	8223.8146723211	Sum of GTIs [s]
ontime6	8223.6094723344	Sum of GTIs [s]
ontime7	8223.7736323178	Sum of GTIs [s]
l2events	1069813	Number of level 2 events