

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 59407 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59407N004\\_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	7.8011167989373

## 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	59407	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	41.990728891176	Nominal RA [deg]
dec_nom	-0.97292478794421	Nominal Dec [deg]
roll_nom	76.033628305442	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7801.1167989373	Sum of GTIs [s]
livetime	7702.3343607606	Livetime [s]
ontime0	7801.1167989373	Sum of GTIs [s]
ontime1	7801.1167989373	Sum of GTIs [s]
ontime2	7803.3254341185	Sum of GTIs [s]
ontime3	7801.1167989373	Sum of GTIs [s]
ontime6	7803.284394145	Sum of GTIs [s]
ontime7	7801.1167989373	Sum of GTIs [s]
l2events	1005394	Number of level 2 events