

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 59435 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See [axaff59435N004\\_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	7.8009522308707

## 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	59435	Observation id
title	ACIS-456789 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	339.99603482815	Nominal RA [deg]
dec_nom	23.972386232905	Nominal Dec [deg]
roll_nom	225.33435351892	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7800.9522308707	Sum of GTIs [s]
livetime	7702.1718765539	Livetime [s]
ontime4	7606.3697332144	Sum of GTIs [s]
ontime5	7800.9111908674	Sum of GTIs [s]
ontime6	7800.8701508641	Sum of GTIs [s]
ontime7	7800.9522308707	Sum of GTIs [s]
ontime8	7800.7880708873	Sum of GTIs [s]
ontime9	7768.5833778977	Sum of GTIs [s]
l2events	1001826	Number of level 2 events