

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 59418 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59418N004\\_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	7.9198691355288

## 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	59418	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	344.52548469447	Nominal RA [deg]
dec_nom	-10.013721312273	Nominal Dec [deg]
roll_nom	298.42392902179	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7919.8691355288	Sum of GTIs [s]
livetime	7819.5829837621	Livetime [s]
ontime4	7278.0319164097	Sum of GTIs [s]
ontime5	7923.069075793	Sum of GTIs [s]
ontime6	7793.3888834417	Sum of GTIs [s]
ontime7	7919.8691355288	Sum of GTIs [s]
ontime8	7913.2229950428	Sum of GTIs [s]
ontime9	7608.7761962116	Sum of GTIs [s]
l2events	1010664	Number of level 2 events