

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 59442 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See [axaff59442N004\\_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	7.5031215426326

## 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	59442	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	346.68231840146	Nominal RA [deg]
dec_nom	25.176250521546	Nominal Dec [deg]
roll_nom	203.25640491535	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7503.1215426326	Sum of GTIs [s]
livetime	7408.1124998224	Livetime [s]
ontime4	7502.9984226227	Sum of GTIs [s]
ontime5	7503.0805026293	Sum of GTIs [s]
ontime6	7503.039462626	Sum of GTIs [s]
ontime7	7503.1215426326	Sum of GTIs [s]
ontime8	7502.9573826492	Sum of GTIs [s]
ontime9	7503.1625826359	Sum of GTIs [s]
l2events	967171	Number of level 2 events