

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 59412 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59412N004\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.03.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3388735132813

## 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	59412	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	344.82296666008	Nominal RA [deg]
dec_nom	-5.017203698361	Nominal Dec [deg]
roll_nom	290.13482931871	Nominal Roll [deg]
revision	4	Processing version of data
ontime	6338.8735132813	Sum of GTIs [s]
livetime	6258.6068800448	Livetime [s]
ontime4	5931.0501639843	Sum of GTIs [s]
ontime5	6338.832473278	Sum of GTIs [s]
ontime6	6141.0914859176	Sum of GTIs [s]
ontime7	6338.8735132813	Sum of GTIs [s]
ontime8	6325.7454520166	Sum of GTIs [s]
ontime9	6141.2147350013	Sum of GTIs [s]
l2events	806485	Number of level 2 events