

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59399 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59399N004_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	7.8008105846047

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	 	Sequence number
obs_id	59399	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
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	32.510689974201	Nominal RA [deg]
dec_nom	-16.473280947175	Nominal Dec [deg]
roll_nom	36.133800623889	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7800.8105846047	Sum of GTIs [s]
livetime	7702.0320238983	Livetime [s]
ontime4	7434.4568910599	Sum of GTIs [s]
ontime5	7800.7695446014	Sum of GTIs [s]
ontime6	7781.2826128304	Sum of GTIs [s]
ontime7	7800.8105846047	Sum of GTIs [s]
ontime8	7800.6464246213	Sum of GTIs [s]
ontime9	7667.9715124071	Sum of GTIs [s]
l2events	994214	Number of level 2 events