

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59447 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See axaff59447N004_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	8.2384944409728

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	59447	Observation id
title	ACIS-012367 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	339.98725864676	Nominal RA [deg]
dec_nom	21.971653036211	Nominal Dec [deg]
roll_nom	213.30613202685	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8238.4944409728	Sum of GTIs [s]
livetime	8134.1736637354	Livetime [s]
ontime0	8235.2125202119	Sum of GTIs [s]
ontime1	8235.1713607907	Sum of GTIs [s]
ontime2	8238.3713209629	Sum of GTIs [s]
ontime3	8238.5354809761	Sum of GTIs [s]
ontime6	8238.3302809894	Sum of GTIs [s]
ontime7	8238.4944409728	Sum of GTIs [s]
l2events	1073453	Number of level 2 events