

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59420 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59420N004_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	7.7983999709487

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	59420	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	350.98825037259	Nominal RA [deg]
dec_nom	28.473921912662	Nominal Dec [deg]
roll_nom	217.85465751057	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime4	7334.9390589595	Sum of GTIs [s]
ontime5	7798.3999709487	Sum of GTIs [s]
ontime6	7649.31462726	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
ontime8	7798.3999709487	Sum of GTIs [s]
ontime9	7571.5312295556	Sum of GTIs [s]
l2events	997291	Number of level 2 events