

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59414 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59414N004_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.03.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.0031999776363

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	59414	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	1.979556360534	Nominal RA [deg]
dec_nom	31.977244963109	Nominal Dec [deg]
roll_nom	199.75797541652	Nominal Roll [deg]
revision	4	Processing version of data
ontime	6003.1999776363	Sum of GTIs [s]
livetime	5927.1838448265	Livetime [s]
ontime0	5620.7649336159	Sum of GTIs [s]
ontime1	5824.9465709925	Sum of GTIs [s]
ontime2	5419.8246451616	Sum of GTIs [s]
ontime3	5646.6929452419	Sum of GTIs [s]
ontime6	5996.7180170417	Sum of GTIs [s]
ontime7	6003.1999776363	Sum of GTIs [s]
l2events	679911	Number of level 2 events