

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59427 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59427N004_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	7.8066338261962

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	59427	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	358.98366574584	Nominal RA [deg]
dec_nom	19.475957839969	Nominal Dec [deg]
roll_nom	204.74652210734	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7806.6338261962	Sum of GTIs [s]
livetime	7707.7815280983	Livetime [s]
ontime0	7806.5927861929	Sum of GTIs [s]
ontime1	7803.3107759058	Sum of GTIs [s]
ontime2	7806.5107061863	Sum of GTIs [s]
ontime3	7806.6748661995	Sum of GTIs [s]
ontime6	7806.4696662128	Sum of GTIs [s]
ontime7	7806.6338261962	Sum of GTIs [s]
l2events	1009842	Number of level 2 events