

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59430 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See [axaff59430N004_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	7.7055999712944

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	59430	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	352.98218495199	Nominal RA [deg]
dec_nom	29.475940644264	Nominal Dec [deg]
roll_nom	204.28869765838	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7705.5999712944	Sum of GTIs [s]
livetime	7608.0270247026	Livetime [s]
ontime4	7284.2725918889	Sum of GTIs [s]
ontime5	7705.5999712944	Sum of GTIs [s]
ontime6	7699.1180505455	Sum of GTIs [s]
ontime7	7705.5999712944	Sum of GTIs [s]
ontime8	7705.5999712944	Sum of GTIs [s]
ontime9	7566.2379778028	Sum of GTIs [s]
l2events	984359	Number of level 2 events