

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59425 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See [axaff59425N004_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	8.2847999691367

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	59425	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	352.98464629832	Nominal RA [deg]
dec_nom	29.474695744116	Nominal Dec [deg]
roll_nom	209.29253645992	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8284.7999691367	Sum of GTIs [s]
livetime	8179.8928434199	Livetime [s]
ontime0	8284.7999691367	Sum of GTIs [s]
ontime1	8284.7999691367	Sum of GTIs [s]
ontime2	8284.7999691367	Sum of GTIs [s]
ontime3	8281.5590087473	Sum of GTIs [s]
ontime6	8284.7999691367	Sum of GTIs [s]
ontime7	8284.7999691367	Sum of GTIs [s]
l2events	1071877	Number of level 2 events