

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 59405 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 8 2013

See axaff59405N004_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	8.214399969399

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	59405	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	39.495689014652	Nominal RA [deg]
dec_nom	-8.4697695436866	Nominal Dec [deg]
roll_nom	60.898266043501	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8214.399969399	Sum of GTIs [s]
livetime	8110.3842908686	Livetime [s]
ontime0	7494.9021039307	Sum of GTIs [s]
ontime1	7809.2775812149	Sum of GTIs [s]
ontime2	7310.1661076546	Sum of GTIs [s]
ontime3	7456.0106983483	Sum of GTIs [s]
ontime6	7854.6510468721	Sum of GTIs [s]
ontime7	8214.399969399	Sum of GTIs [s]
l2events	1082591	Number of level 2 events