

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 6393 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See axaff06393N004_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	26.99773

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	800473	Sequence number
obs_id	6393	Observation id
title	DARK ENERGY WITH X-RAY CLUSTERS: CHANDRA OBSERVATIONS OF 41 HIGH-REDSHIFT CLUSTERS FROM THE 400 deg ² ROSAT PSPC SURVEY	Proposal titl
observer	Dr. Alexey Vikhlinin	Principal investigator
object	cl0216-1747	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	34.140417	Observer's specified target RA [deg]
dec_targ	-17.790833	Observer's specified target Dec [deg]
ra_nom	34.179527897699	Nominal RA [deg]
dec_nom	-17.751284939017	Nominal Dec [deg]
roll_nom	48.820407077994	Nominal Roll [deg]
revision	4	Processing version of data
ontime	26996.772165686	Sum of GTIs [s]
livetime	26644.039462607	Livetime [s]
ontime0	27006.072006553	Sum of GTIs [s]
ontime1	27002.972046316	Sum of GTIs [s]
ontime2	26999.87206623	Sum of GTIs [s]
ontime3	26996.772165686	Sum of GTIs [s]
ontime6	26999.74894619	Sum of GTIs [s]
l2events	71475	Number of level 2 events

