

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 6393 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See axaff06393N005_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.22
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.

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	CIG J0216-1747	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	34.180560171175	Nominal RA [deg]
dec_nom	-17.754483812713	Nominal Dec [deg]
roll_nom	48.814996349226	Nominal Roll [deg]
revision	5	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	71243	Number of level 2 events

