

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5850 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See axaff05850N005_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.14961

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.

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Roll constraint met.

seq_num	900352	Sequence number
obs_id	5850	Observation id
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	Extended Groth Strip (EGS)	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	214.584915	Observer's specified target RA [deg]
dec_targ	52.65052	Observer's specified target Dec [deg]
ra_nom	214.58618485924	Nominal RA [deg]
dec_nom	52.644883396535	Nominal Dec [deg]
roll_nom	343.05771785075	Nominal Roll [deg]
revision	5	Processing version of data
ontime	46149.617970735	Sum of GTIs [s]
livetime	45546.639237093	Livetime [s]
ontime0	46140.195109844	Sum of GTIs [s]
ontime1	46149.617950827	Sum of GTIs [s]
ontime2	46152.758950979	Sum of GTIs [s]
ontime3	46149.617970735	Sum of GTIs [s]
ontime6	46155.899911225	Sum of GTIs [s]
l2events	128671	Number of level 2 events

