

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 7180 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See axaff07180N005_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	20.70485

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 was met.

seq_num	900348	Sequence number
obs_id	7180	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	215.676254	Observer's specified target RA [deg]
dec_targ	53.427086	Observer's specified target Dec [deg]
ra_nom	215.67723181267	Nominal RA [deg]
dec_nom	53.421645963578	Nominal Dec [deg]
roll_nom	340.19799977243	Nominal Roll [deg]
revision	5	Processing version of data
ontime	20704.858940065	Sum of GTIs [s]
livetime	20434.334715318	Livetime [s]
ontime0	20707.999960154	Sum of GTIs [s]
ontime1	20707.999960154	Sum of GTIs [s]
ontime2	20707.999960154	Sum of GTIs [s]
ontime3	20704.858940065	Sum of GTIs [s]
ontime6	20707.999960154	Sum of GTIs [s]
l2events	64955	Number of level 2 events

