

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5391 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See [axaff05391N005_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	2.959999

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	200326	Sequence number
obs_id	5391	Observation id
title	The puzzle of X-ray emission from magnetic stars without convective envelopes	Proposal title
observer	J rgen Schmitt	Principal investigator
object	HD 12767	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	31.1225	Observer's specified target RA [deg]
dec_targ	-29.296806	Observer's specified target Dec [deg]
ra_nom	31.131621626379	Nominal RA [deg]
dec_nom	-29.293210446479	Nominal Dec [deg]
roll_nom	56.390726862734	Nominal Roll [deg]
revision	5	Processing version of data
ontime	2959.9999889731	Sum of GTIs [s]
livetime	2922.5186868147	Livetime [s]
ontime2	2959.9999889731	Sum of GTIs [s]
ontime3	2959.9929396808	Sum of GTIs [s]
ontime5	2959.9999889731	Sum of GTIs [s]
ontime6	2959.9999889731	Sum of GTIs [s]
ontime7	2959.9999889731	Sum of GTIs [s]
ontime8	2959.9518997073	Sum of GTIs [s]
l2events	32906	Number of level 2 events

