

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5432 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See [axaff05432N005_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Melania Nynka
V&V Date (YYYY-MM-DD)	2020.10.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.21233

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	300148	Sequence number
obs_id	5432	Observation id
title	Chandra HETG Spectroscopy of the VY Sculptoris Star TT Ari	Proposa
observer	Christopher Mauche	Principal investigator
object	TT Ari	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	31.72125	Observer's specified target RA [deg]
dec_targ	15.295278	Observer's specified target Dec [deg]
ra_nom	31.72732198373	Nominal RA [deg]
dec_nom	15.294127775838	Nominal Dec [deg]
roll_nom	115.65853714907	Nominal Roll [deg]
revision	5	Processing version of data
ontime	24212.335979313	Sum of GTIs [s]
livetime	23821.285752401	Livetime [s]
ontime4	24214.876999438	Sum of GTIs [s]
ontime5	24217.417979687	Sum of GTIs [s]
ontime6	24214.87697953	Sum of GTIs [s]
ontime7	24212.335979313	Sum of GTIs [s]
ontime8	24212.335989237	Sum of GTIs [s]
ontime9	24219.958999783	Sum of GTIs [s]
l2events	230242	Number of level 2 events

