

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 7170 - L2 Version 6
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See [axaff07170N006_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	41.48791

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	600486	Sequence number
obs_id	7170	Observation id
title	The Chandra ACIS Survey of M33 (ChASeM33): A Deep Survey of the Nearest Face-on Spiral Galaxy	Proposal title
observer	Manami Sasaki	Principal investigator
object	M33	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	23.36625	Observer's specified target RA [deg]
dec_targ	30.523694	Observer's specified target Dec [deg]
ra_nom	23.367177752259	Nominal RA [deg]
dec_nom	30.528908563241	Nominal Dec [deg]
roll_nom	145.70665636701	Nominal Roll [deg]
revision	6	Processing version of data
ontime	41487.917954475	Sum of GTIs [s]
livetime	40962.57295631	Livetime [s]
ontime0	41491.158855021	Sum of GTIs [s]
ontime1	41491.158885121	Sum of GTIs [s]
ontime2	41487.917834878	Sum of GTIs [s]
ontime3	41487.917954475	Sum of GTIs [s]
ontime6	41494.399845421	Sum of GTIs [s]
ontime7	41494.399845421	Sum of GTIs [s]
l2events	242875	Number of level 2 events

