

# V&V Summary Report

## L2 ASCDS Version : 10.9.1

Observation 7171 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See axaff07171N005\_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	38.17591

## 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	7171	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	&#160
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	23.366844278364	Nominal RA [deg]
dec_nom	30.528859489066	Nominal Dec [deg]
roll_nom	145.70726160643	Nominal Roll [deg]
revision	5	Processing version of data
ontime	38175.917847216	Sum of GTIs [s]
livetime	37692.511388657	Livetime [s]
ontime0	38179.15884757	Sum of GTIs [s]
ontime1	38182.399857759	Sum of GTIs [s]
ontime2	38175.917907	Sum of GTIs [s]
ontime3	38175.917847216	Sum of GTIs [s]
ontime6	38182.399857759	Sum of GTIs [s]
ontime7	38182.399857759	Sum of GTIs [s]
l2events	225051	Number of level 2 events

