

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 6378 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See axaff06378N005_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	111.6478

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	600480	Sequence number
obs_id	6378	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	23.5575	Observer's specified target RA [deg]
dec_targ	30.796694	Observer's specified target Dec [deg]
ra_nom	23.559056438358	Nominal RA [deg]
dec_nom	30.801716182017	Nominal Dec [deg]
roll_nom	140.21007740981	Nominal Roll [deg]
revision	5	Processing version of data
ontime	111647.83555311	Sum of GTIs [s]
livetime	110234.08343308	Livetime [s]
ontime0	111654.31757352	Sum of GTIs [s]
ontime1	111654.31755367	Sum of GTIs [s]
ontime2	111647.83559299	Sum of GTIs [s]
ontime3	111647.83555311	Sum of GTIs [s]
ontime6	111657.55858374	Sum of GTIs [s]
ontime7	111660.79958403	Sum of GTIs [s]
l2events	637937	Number of level 2 events

