

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 7175 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See axaff07175N004\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.03.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.13

## 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. If using the FP temp values in the headers of data files (some CIAO tools require this information), investigators should subtract 1.3 degrees from the reported temperature to determine the true temperature.

seq_num	300148	Sequence number
obs_id	7175	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	&#160
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	31.72347693628	Nominal RA [deg]
dec_nom	15.294667848886	Nominal Dec [deg]
roll_nom	115.65604088979	Nominal Roll [deg]
revision	4	Processing version of data
ontime	15130.0	Sum of GTIs [s]
livetime	14885.637376822	Livetime [s]
ontime4	15130.0	Sum of GTIs [s]
ontime5	15130.0	Sum of GTIs [s]
ontime6	15130.0	Sum of GTIs [s]
ontime7	15130.0	Sum of GTIs [s]
ontime8	15130.0	Sum of GTIs [s]
ontime9	15130.0	Sum of GTIs [s]
l2events	145305	Number of level 2 events

