

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 799 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 29 2009

See [axaff00799N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.03.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.686

Comments

Charge time for this ObsId remains at previous value of 27.686 ksec, although with the current processing the charge time would have been 27.718 ksec.

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The focal plane temperature is approximately -110 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature, because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front and back illuminated chips are affected. However a T_GAIN correction has been applied to the BI chips (ACIS-5 and ACIS-7) data included here.

The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -119.7 C. Users whose science objectives depend on the most accurate spectral response (ie: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

seq_num	600102	Sequence number
obs_id	799	Observation id
title	HOT AND COLD GAS, DARK MATTER, AND HEAVY ELEMENTS IN ELLIPTICAL GALAXIES	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	NGC 1395	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.623333	Observer's specified target RA
dec_targ	-23.027778	Observer's specified target Dec
ra_nom	54.656352186091	Nominal RA
dec_nom	-23.062963986685	Nominal Dec
roll_nom	313.50285254436	Nominal Roll
revision	4	Processing version of data
ontime	27718.400025815	Sum of GTIs [s]
livetime	27367.412954671	Livetime [s]
ontime0	27718.400025815	Sum of GTIs [s]
ontime1	27718.400025815	Sum of GTIs [s]
ontime2	27718.400025815	Sum of GTIs [s]
ontime3	27718.400025815	Sum of GTIs [s]
ontime6	27718.400025815	Sum of GTIs [s]
l2events	226745	Number of level 2 events

