

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 1449 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff01449N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.393

## Comments

The focal plane temperature is approximately -110C 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	800034	Sequence number
obs_id	1449	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	RX J0439.0+0715	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	69.755	Observer's specified target RA
dec_targ	7.26	Observer's specified target Dec
ra_nom	69.79418897398	Nominal RA
dec_nom	7.2945908791675	Nominal Dec
roll_nom	84.63449434644	Nominal Roll
revision	3	Processing version of data
ontime	6390.2721597627	Sum of GTIs [s]
livetime	6309.3546859158	Livetime [s]
ontime0	6390.3952797577	Sum of GTIs [s]
ontime1	6390.3542397618	Sum of GTIs [s]
ontime2	6390.3131997585	Sum of GTIs [s]
ontime3	6390.2721597627	Sum of GTIs [s]
ontime7	6390.4000059515	Sum of GTIs [s]
l2events	45732	Number of level 2 events

