

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 1453 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See [axaff01453N001_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	7.891

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	800057	Sequence number
obs_id	1453	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	RX J1720.1+2638	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	260.037083	Observer's specified target RA
dec_targ	26.635	Observer's specified target Dec
ra_nom	260.01971431882	Nominal RA
dec_nom	26.584935263305	Nominal Dec
roll_nom	296.12104771531	Nominal Roll
revision	3	Processing version of data
ontime	7890.5865852237	Sum of GTIs [s]
livetime	7790.6712267407	Livetime [s]
ontime0	7890.750745222	Sum of GTIs [s]
ontime1	7890.7097052187	Sum of GTIs [s]
ontime2	7890.6686652228	Sum of GTIs [s]
ontime3	7890.5865852237	Sum of GTIs [s]
ontime6	7887.3866450787	Sum of GTIs [s]
l2events	51799	Number of level 2 events

