

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 1506 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 25 2009

See [axaff01506N001_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	0.857

Comments

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	800034	Sequence number
obs_id	1506	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	RX J0439.0+0715	Source name
dtcycle	0	
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	69.805860272518	Nominal RA
dec_nom	7.2384967061284	Nominal Dec
roll_nom	339.23782875647	Nominal Roll
revision	4	Processing version of data
ontime	856.37929999083	Sum of GTIs [s]
livetime	845.53530964464	Livetime [s]
ontime0	856.54345998913	Sum of GTIs [s]
ontime1	856.50241998583	Sum of GTIs [s]
ontime2	856.46137998998	Sum of GTIs [s]
ontime3	856.37929999083	Sum of GTIs [s]
ontime6	856.42033998668	Sum of GTIs [s]
l2events	3664	Number of level 2 events

