

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 1448 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See [axaff01448N001\\_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	7.993

## 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	800031	Sequence number
obs_id	1448	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	A267	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	28.202917	Observer's specified target RA
dec_targ	1.019	Observer's specified target Dec
ra_nom	28.255263623828	Nominal RA
dec_nom	1.0175171502265	Nominal Dec
roll_nom	41.46839378816	Nominal Roll
revision	3	Processing version of data
ontime	7991.9541066736	Sum of GTIs [s]
livetime	7890.7551715979	Livetime [s]
ontime0	7992.0772266686	Sum of GTIs [s]
ontime1	7988.7952264547	Sum of GTIs [s]
ontime2	7991.9951466694	Sum of GTIs [s]
ontime3	7991.9541066736	Sum of GTIs [s]
ontime7	7992.1182666719	Sum of GTIs [s]
l2events	78681	Number of level 2 events

