

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 966 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

See [axaff00966N001\\_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	58.182

## 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.

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Guide star slot 7 was not utilized in this observation.

seq_num	900026	Sequence number
obs_id	966	Observation id
title	DEEP ACIS OBSERVATION OF THE HUBBLE DEEP FIELD	Proposal title
observer	Prof Gordon Garmire	Principal investigator
object	HUBBLE DEEP FIELD	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	189.205833	Observer's specified target RA
dec_targ	62.216111	Observer's specified target Dec
ra_nom	189.26689110212	Nominal RA
dec_nom	62.215089459363	Nominal Dec
roll_nom	39.15467183581	Nominal Roll
revision	4	Processing version of data
ontime	58181.73806008	Sum of GTIs [s]
livetime	57445.005859926	Livetime [s]
ontime0	58181.902220078	Sum of GTIs [s]
ontime1	58181.861180075	Sum of GTIs [s]
ontime2	58178.579179861	Sum of GTIs [s]
ontime3	58181.73806008	Sum of GTIs [s]
ontime6	58181.779100075	Sum of GTIs [s]
l2events	264475	Number of level 2 events

