

# V&V Summary Report

## L2 ASCDS Version : 8.2.1

Observation 1195 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jan 13 2010

See [axaff01195N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.942

## Comments

ACIS very off-axis PSF and effective area measurement on chip I2.

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Slot 7 was not utilized in this observation.

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The focal plane temperature is approximately -100 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	280145	Sequence number
obs_id	1195	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.304219970807	Nominal RA
dec_nom	0.51218679138948	Nominal Dec
roll_nom	96.861427060526	Nominal Roll
revision	3	Processing version of data
ontime	1942.3266041726	Sum of GTIs [s]
livetime	1847.5474214521	Livetime [s]
ontime2	1942.3266041726	Sum of GTIs [s]
l2events	18604	Number of level 2 events

