

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 325 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : May 20 2010

See [axaff00325N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.05.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	99.039

## Comments

The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded by removing one fid light or guide star from the solution.

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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 chip (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	800063	Sequence number
obs_id	325	Observation id
title	BRIGHT ELLIPTICAL GALAXIES AND HIGH REDSHIFT CLUSTERS	Proposal tit
observer	DR Richard Mushotzky	Principal investigator
object	S-Z CLUSTER	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	198.089167	Observer's specified target RA
dec_targ	42.689167	Observer's specified target Dec
ra_nom	198.10043326541	Nominal RA
dec_nom	42.695249244415	Nominal Dec
roll_nom	47.133949495311	Nominal Roll
revision	5	Processing version of data
ontime	99062.39601469	Sum of GTIs [s]
livetime	97808.008308139	Livetime [s]
ontime2	99033.186302893	Sum of GTIs [s]
ontime3	99046.068093672	Sum of GTIs [s]
ontime6	99033.145362653	Sum of GTIs [s]
ontime7	99062.39601469	Sum of GTIs [s]
ontime8	99055.749924332	Sum of GTIs [s]
l2events	681965	Number of level 2 events

