

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 502 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See axaff00502N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.38

## Comments

The high count rate resulted in telemetry saturation and a large number of dropped exposures. The ONTIME value reflects the lost exposure time.

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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 guide star from the solution.

=====  
This calibration observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the

1999-09-16 through 2000-01-28 period.

=====  
This reprocessing of the data applies no CTI correction because none is available for that temperature.

=====  
Charge time:  
Charge time for this ObsId remains at previous value of 5.38 ks.

seq_num	800010	Sequence number
obs_id	502	Observation id
title	THE COOLING FLOW IN THE PERSEUS CLUSTER	Proposal title
observer	Professor Andrew Fabian	Principal investigator
object	A426	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	49.952083	Observer's specified target RA
dec_targ	41.5075	Observer's specified target Dec
ra_nom	49.979924153299	Nominal RA
dec_nom	41.580420782789	Nominal Dec
roll_nom	117.7500924384	Nominal Roll
revision	4	Processing version of data
ontime	5205.1052829549	Sum of GTIs [s]
livetime	5139.195105724	Livetime [s]
ontime0	6391.3171080723	Sum of GTIs [s]
ontime1	6325.19528725	Sum of GTIs [s]
ontime2	5903.8224173784	Sum of GTIs [s]
ontime3	5205.1052829549	Sum of GTIs [s]
ontime6	7452.9434273764	Sum of GTIs [s]
ontime7	14641.649687216	Sum of GTIs [s]
l2events	967031	Number of level 2 events

