V&V Summary Report
L2 ASCDS Version : 8.2.1

Observation 1513 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 29 2010

See axaff01513N001_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	25.056

Comments

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Charge time for this ObsId remains at original value of 25.056 ksec,
although with the current processing the charge time would have been
26.196 ksec.
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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 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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seq_num	800011	Sequence number
obs_id	1513	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	49.956831011484	Nominal RA
dec_nom	41.469809905144	Nominal Dec
roll_nom	278.38306584279	Nominal Roll
revision	3	Processing version of data
ontime	25196.431411453	Sum of GTIs [s]
livetime	24877.379025451	Livetime [s]
ontime2	25209.395272262	Sum of GTIs [s]
ontime3	25212.6361527	Sum of GTIs [s]
ontime6	25215.877162777	Sum of GTIs [s]
ontime7	25196.431411453	Sum of GTIs [s]
ontime8	25222.359063283	Sum of GTIs [s]
l2events	2910457	Number of level 2 events