V&V Summary Report
L2 ASCDS Version : 8.1.1

Observation 577 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 20 2009

See axaff00577N001_VV002_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	44.771

Comments

The guide star in slot 6 was manually excluded from the processing due
to poor data quality.
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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.

seq_num	890022	Sequence number
obs_id	577	Observation id
title	DEMONSTRATION IMAGES OF CLUSTERS	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ABELL 754	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	137.2875	Observer's specified target RA
dec_targ	-9.660833	Observer's specified target Dec
ra_nom	137.29054528529	Nominal RA
dec_nom	-9.6565011609497	Nominal Dec
roll_nom	78.362527934542	Nominal Roll
revision	4	Processing version of data
ontime	44771.064696781	Sum of GTIs [s]
livetime	44204.146517692	Livetime [s]
ontime0	44774.400041699	Sum of GTIs [s]
ontime1	44774.387627289	Sum of GTIs [s]
ontime2	44771.105637074	Sum of GTIs [s]
ontime3	44771.064696781	Sum of GTIs [s]
ontime7	44774.400041699	Sum of GTIs [s]
l2events	820198	Number of level 2 events