

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 1112 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 21 2009

See axaff01112N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.776

Comments

ACIS imaging on I array.

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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	880062	Sequence number
obs_id	1112	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	COMA CLUSTER	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	194.95	Observer's specified target RA
dec_targ	27.966667	Observer's specified target Dec
ra_nom	194.95594677663	Nominal RA
dec_nom	27.967501413089	Nominal Dec
roll_nom	31.955704479186	Nominal Roll
revision	4	Processing version of data
ontime	9776.0000091046	Sum of GTIs [s]
livelime	9652.2104105888	Livetime [s]
ontime0	9776.0000091046	Sum of GTIs [s]
ontime1	9776.0000091046	Sum of GTIs [s]
ontime2	9776.0000091046	Sum of GTIs [s]
ontime3	9776.0000091046	Sum of GTIs [s]
ontime7	9776.0000091046	Sum of GTIs [s]
l2events	277021	Number of level 2 events

