

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8372 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

See axaff08372N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.14

Comments

Window constraint met.

=====

A spatial region of the original bias map for CCD = 2 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 2 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:
(278.48656, -10.37996), (278.48405, -10.38112), (278.49679, -10.40778), (278.49870, -10.40538)

seq_num	590465	Sequence number
obs_id	8372	Observation id
title	AO8 Observations of the Standard Candles Cas A and G21.5-09	Propos
observer	Dr. CXC Calibration	Principal investigator
object	G21.5-09[S3,-120,1.0,0,0]	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	278.389583	Observer's specified target RA [deg]
dec_targ	-10.568528	Observer's specified target Dec [deg]
ra_nom	278.39640822023	Nominal RA [deg]
dec_nom	-10.5792644157	Nominal Dec [deg]
roll_nom	115.15783981727	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10143.200078011	Sum of GTIs [s]
livetime	10010.671701676	Livetime [s]
ontime2	10143.200078011	Sum of GTIs [s]
ontime3	10143.200078011	Sum of GTIs [s]
ontime5	10143.200078011	Sum of GTIs [s]
ontime6	10143.200078011	Sum of GTIs [s]
ontime7	10143.200078011	Sum of GTIs [s]
l2events	136100	Number of level 2 events

