

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10651 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 31 2012

See axaff10651N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.04450006

Comments

Window constraint met.

=====

Two spatial regions of the original bias map for CCD = 3 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 = 3 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:

Region 1:

(16.49577,-72.13903), (16.48622,-72.13658), (16.42813,-72.15794), (16.43768,-72.16039)

Region 2:

(16.43155,-72.05261), (16.42307,-72.05042), (16.25187,-72.11336), (16.25322,-72.11817)

seq_num	590490	Sequence number
obs_id	10651	Observation id
title	AO-10 Calibration Observations of E0102-72	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	E0102-72[I1,-120,-4.0,-3.68,0]	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	16.01	Observer's specified target RA [deg]
dec_targ	-72.032028	Observer's specified target Dec [deg]
ra_nom	16.007654221374	Nominal RA [deg]
dec_nom	-72.12482600309	Nominal Dec [deg]
roll_nom	229.76369251349	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8043.240426302	Sum of GTIs [s]
livetime	7938.1495687849	Livetime [s]
ontime0	8036.9174656272	Sum of GTIs [s]
ontime1	8043.240426302	Sum of GTIs [s]
ontime2	8043.2814663053	Sum of GTIs [s]
ontime3	8040.1815359592	Sum of GTIs [s]
ontime6	8043.1583462954	Sum of GTIs [s]
l2events	50284	Number of level 2 events

