

V&V Summary Report

L2 ASCDS Version : 10.3.3

Observation 10241 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 18 2015

See [axaff10241N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.02.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.7692592

Comments

Joint proposal with HST.

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:
(187.45898, 11.82782), (187.45354, 11.82783), (187.45286, 11.68837),
(187.45829, 11.68836).

seq_num	701784	Sequence number
obs_id	10241	Observation id
title	The multi-faceted X-ray activity of low-redshift active galaxies	P
observer	Prof Mark Birkinshaw	Principal investigator
object	1227+119	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.467917	Observer's specified target RA [deg]
dec_targ	11.677472	Observer's specified target Dec [deg]
ra_nom	187.46548510463	Nominal RA [deg]
dec_nom	11.685212334736	Nominal Dec [deg]
roll_nom	89.720016398376	Nominal Roll [deg]
revision	3	Processing version of data
ontime	29769.259228766	Sum of GTIs [s]
livetime	29380.301941132	Livetime [s]
ontime0	29772.400228977	Sum of GTIs [s]
ontime1	29762.977218032	Sum of GTIs [s]
ontime2	29769.259228647	Sum of GTIs [s]
ontime3	29769.259228766	Sum of GTIs [s]
ontime6	29772.400228977	Sum of GTIs [s]
l2events	153326	Number of level 2 events

