

V&V Summary Report

L2 ASCDS Version : 10.2.4

Observation 16347 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 3 2014

See axaff16347N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.09.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.953359413803

Comments

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: (162.03764,63.18121), (162.03952,63.18336), (161.91385,63.20579), (161.91761,63.20263).

seq_num	601147	Sequence number
obs_id	16347	Observation id
title	Searching for evidence of dwarf galaxy collisions with large spiral galaxies through X-ray emission	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	NGC3359	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.653333	Observer's specified target RA [deg]
dec_targ	63.224167	Observer's specified target Dec [deg]
ra_nom	161.73339141142	Nominal RA [deg]
dec_nom	63.212577774614	Nominal Dec [deg]
roll_nom	338.62576391182	Nominal Roll [deg]
revision	2	Processing version of data
ontime	49953.359413803	Sum of GTIs [s]
livetime	49300.681997933	Livetime [s]
ontime0	49953.359423876	Sum of GTIs [s]
ontime1	49953.359423816	Sum of GTIs [s]
ontime2	49956.500384212	Sum of GTIs [s]
ontime3	49953.359413803	Sum of GTIs [s]
l2events	100937	Number of level 2 events

