

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8461 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 3 2012

See axaff08461N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.5679589

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:
(275.08791, -16.33497), (275.09283, -16.33427), (275.07198, -16.20190), (275.06707, -16.20260)

seq_num	200380	Sequence number
obs_id	8461	Observation id
title	A Long Look at M17: Tapping the Treasury of a Nearby Rich Star Forming Region	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	M17	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	275.124583	Observer's specified target RA [deg]
dec_targ	-16.179139	Observer's specified target Dec [deg]
ra_nom	275.123376891	Nominal RA [deg]
dec_nom	-16.183651745923	Nominal Dec [deg]
roll_nom	278.60835322641	Nominal Roll [deg]
revision	3	Processing version of data
ontime	33567.958904743	Sum of GTIs [s]
livetime	33142.901196893	Livetime [s]
ontime0	33571.199874997	Sum of GTIs [s]
ontime1	33567.958914757	Sum of GTIs [s]
ontime2	33571.199874997	Sum of GTIs [s]
ontime3	33567.958904743	Sum of GTIs [s]
ontime6	33571.199874997	Sum of GTIs [s]
ontime7	33571.199874997	Sum of GTIs [s]
l2events	295001	Number of level 2 events

