

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 10819 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 24 2012

See axaff10819N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.9503999

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:
(328.25190,62.67071), (328.21813,62.66838), (328.22574,62.64478), (328.26195,62.63941)

seq_num	200519	Sequence number
obs_id	10819	Observation id
title	The Evolution of X-ray Emission in the Planet-Forming Era	Proposal
observer	Dr Jon Miller	Principal investigator
object	NGC 7160	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	328.45	Observer's specified target RA [deg]
dec_targ	62.6	Observer's specified target Dec [deg]
ra_nom	328.45762048916	Nominal RA [deg]
dec_nom	62.592735922353	Nominal Dec [deg]
roll_nom	278.2019271136	Nominal Roll [deg]
revision	3	Processing version of data
ontime	14950.399944365	Sum of GTIs [s]
livetime	14761.088978219	Livetime [s]
ontime0	14950.399944365	Sum of GTIs [s]
ontime1	14950.399944365	Sum of GTIs [s]
ontime2	14950.399944365	Sum of GTIs [s]
ontime3	14950.399944365	Sum of GTIs [s]
ontime6	14950.399944365	Sum of GTIs [s]
ontime7	14950.399944365	Sum of GTIs [s]
l2events	166089	Number of level 2 events

