

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 3755 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 30 2013

See axaff03755N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	99.772

Comments

A spatial region of the original bias map for CCD = 9 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 = 9 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:
(74.21013,30.27218), (74.21340,30.26885), (74.23980,30.28818), (74.23653,30.29151).

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This region crosses one of the spectral arms.

seq_num	200225	Sequence number
obs_id	3755	Observation id
title	HIGH-RESOLUTION SPECTROSCOPY OF THE CLASSICAL T TAURI STAR SU AUR	
observer	DR KESTER SMITH	Principal investigator
object	SU AUR	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	73.9975	Observer's specified target RA [deg]
dec_targ	30.567083	Observer's specified target Dec [deg]
ra_nom	74.000073352281	Nominal RA [deg]
dec_nom	30.567044478972	Nominal Dec [deg]
roll_nom	130.37282670739	Nominal Roll [deg]
revision	4	Processing version of data
ontime	99772.799628317	Sum of GTIs [s]
livetime	98509.416363456	Livetime [s]
ontime4	99769.558658063	Sum of GTIs [s]
ontime5	99772.799628317	Sum of GTIs [s]
ontime6	99772.799628317	Sum of GTIs [s]
ontime7	99772.799628317	Sum of GTIs [s]
ontime8	99772.799628317	Sum of GTIs [s]
ontime9	99772.799628317	Sum of GTIs [s]
l2events	847215	Number of level 2 events

