

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 5424 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 11 2020

See axaff05424N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.13
V&V Edition	1
V&V Disposition and Status	Repr+DD
V&V Charge Time	62.65899

Comments

SAP: please reprocess with the replacement bias for CCD_ID = 0.

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The bias map for CCD_ID = 0 suffers from anomalously high bias values in an 'exacto-knife'-shaped area of the bias file. Pixels in the event data that have been bias-corrected by one of the 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_ID = 0 will be recreated to remove this anomaly and the data will be reprocessed.

seq_num	200357	Sequence number
obs_id	5424	Observation id
title	The power within the PacMan Nebula: Triggered Star Formation in NGC 281	Proposal title
observer	Scott Wolk	Principal investigator
object	NGC 281	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	13.112917	Observer's specified target RA [deg]
dec_targ	56.565	Observer's specified target Dec [deg]
ra_nom	13.104127744023	Nominal RA [deg]
dec_nom	56.566834776494	Nominal Dec [deg]
roll_nom	225.51209446007	Nominal Roll [deg]
revision	4	Processing version of data
ontime	62658.994755328	Sum of GTIs [s]
livetime	61865.568835019	Livetime [s]
ontime0	62671.95878613	Sum of GTIs [s]
ontime1	62671.958776236	Sum of GTIs [s]
ontime2	62655.753854573	Sum of GTIs [s]
ontime3	62658.994755328	Sum of GTIs [s]
ontime6	62675.199766517	Sum of GTIs [s]
ontime7	62675.199766517	Sum of GTIs [s]
l2events	379412	Number of level 2 events

