

# V&V Summary Report

## L2 ASCDS Version : 10.9.1

Observation 7104 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Oct 11 2020

See axaff07104N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2020.10.15
V&V Edition	1
V&V Disposition and Status	Repr+DD
V&V Charge Time	2.271999

## Comments

SAP: please reprocess with the replacement biases for CCD\_IDs = 3 and 6.

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The bias maps for CCD\_ID = 3 and 6 suffer 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 maps for CCD\_ID = 3 and 6 will be recreated to remove this anomaly and the data will be reprocessed.

seq_num	600542	Sequence number
obs_id	7104	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	NGC 0925	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	36.820417	Observer's specified target RA [deg]
dec_targ	33.579194	Observer's specified target Dec [deg]
ra_nom	36.795105761423	Nominal RA [deg]
dec_nom	33.550585520195	Nominal Dec [deg]
roll_nom	241.91112363153	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2271.9999915361	Sum of GTIs [s]
liveltime	2243.2305596092	Livetime [s]
ontime2	2271.9999915361	Sum of GTIs [s]
ontime3	2271.9999915361	Sum of GTIs [s]
ontime5	2271.9999915361	Sum of GTIs [s]
ontime6	2271.9999915361	Sum of GTIs [s]
ontime7	2271.9999915361	Sum of GTIs [s]
ontime8	2271.9999915361	Sum of GTIs [s]
l2events	29814	Number of level 2 events

