

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 6413 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 12 2020

See [axaff06413N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.13
V&V Edition	1
V&V Disposition and Status	Repr+DD
V&V Charge Time	18.33279

Comments

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	200388	Sequence number
obs_id	6413	Observation id
title	CXO Monitoring of V1647 Ori: the X-ray Evolution of Pre-main Sequence Accretion Burst	Proposal title
observer	Joel Kastner	Principal investigator
object	IRAS05436-0007	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	86.554583	Observer's specified target RA [deg]
dec_targ	-0.101389	Observer's specified target Dec [deg]
ra_nom	86.557636050266	Nominal RA [deg]
dec_nom	-0.10591521856905	Nominal Dec [deg]
roll_nom	10.488180113809	Nominal Roll [deg]
revision	3	Processing version of data
ontime	18332.799931705	Sum of GTIs [s]
livetime	18100.658980283	Livetime [s]
ontime0	18332.799931705	Sum of GTIs [s]
ontime1	18332.799931705	Sum of GTIs [s]
ontime2	18329.558951437	Sum of GTIs [s]
ontime3	18332.799931705	Sum of GTIs [s]
ontime6	18332.799931705	Sum of GTIs [s]
ontime7	18332.799931705	Sum of GTIs [s]
l2events	159872	Number of level 2 events

