

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 6409 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 12 2020

See axaff06409N004_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	OK
V&V Charge Time	16.46719

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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:
(66.55102,26.06247), (66.56475,26.06117), (66.56962,26.10170), (66.55624,26.10597).

seq_num	200384	Sequence number
obs_id	6409	Observation id
title	DG Tauri: A T Tauri Star with an X-Ray Jet?	Proposal title
observer	Prof. Manuel Guedel	Principal investigator
object	DG Tau	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	66.77	Observer's specified target RA [deg]
dec_targ	26.104694	Observer's specified target Dec [deg]
ra_nom	66.763695017661	Nominal RA [deg]
dec_nom	26.09781100557	Nominal Dec [deg]
roll_nom	263.7593935651	Nominal Roll [deg]
revision	4	Processing version of data
ontime	16467.199968308	Sum of GTIs [s]
livetime	16252.043877746	Livetime [s]
ontime2	16464.058978051	Sum of GTIs [s]
ontime3	16467.199968308	Sum of GTIs [s]
ontime6	16467.199968308	Sum of GTIs [s]
ontime7	16467.199968308	Sum of GTIs [s]
ontime8	16460.918137312	Sum of GTIs [s]
l2events	92208	Number of level 2 events

