

V&V Summary Report

L2 ASCDS Version : 10.5

Observation 18081 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 26 2016

See axaff18081N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.07.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.063835864186

Comments

A spatial region of the original bias map for CCD = 0 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 = 0 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:

(259.52054, -36.33245), (259.52652, -36.33151), (259.51386, -36.28002),
(259.50821, -36.28230).

seq_num	901195	Sequence number
obs_id	18081	Observation id
title	From Dusty Filament to Starry Firmament: The Transfiguration of NGC 6334	Proposal title
observer	Leisa Townsley	Principal investigator
object	G350.776+0.831	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	259.580417	Observer's specified target RA [deg]
dec_targ	-36.202694	Observer's specified target Dec [deg]
ra_nom	259.58502743821	Nominal RA [deg]
dec_nom	-36.208367620353	Nominal Dec [deg]
roll_nom	281.25149472391	Nominal Roll [deg]
revision	2	Processing version of data
ontime	38063.835864186	Sum of GTIs [s]
livetime	37566.503826432	Livetime [s]
ontime0	38063.712744117	Sum of GTIs [s]
ontime1	38060.612783909	Sum of GTIs [s]
ontime2	38060.653803945	Sum of GTIs [s]
ontime3	38063.835864186	Sum of GTIs [s]
ontime7	38063.87690413	Sum of GTIs [s]
l2events	203554	Number of level 2 events

