

# V&V Summary Report

## L2 ASCDS Version : 10.3.3

Observation 17251 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 3 2015

See axaff17251N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.105259425282

## Comments

Observation coordinated with Kepler.

Window preference met.

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:

(56.80341, 23.94540), (56.81345, 23.94888), (56.75954, 24.07937),  
(56.74949, 24.07588).

seq_num	201008	Sequence number
obs_id	17251	Observation id
title	The Chandra-Kepler Flare Survey	Proposal title
observer	Jeremy Drake	Principal investigator
object	Pleiades	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	56.691667	Observer's specified target RA [deg]
dec_targ	24.068333	Observer's specified target Dec [deg]
ra_nom	56.698697159862	Nominal RA [deg]
dec_nom	24.060616764548	Nominal Dec [deg]
roll_nom	290.70582461024	Nominal Roll [deg]
revision	2	Processing version of data
ontime	50105.259425282	Sum of GTIs [s]
livetime	49450.597323936	Livetime [s]
ontime0	50102.118435144	Sum of GTIs [s]
ontime1	50108.400385499	Sum of GTIs [s]
ontime2	50108.400385499	Sum of GTIs [s]
ontime3	50105.259425282	Sum of GTIs [s]
ontime7	50108.400385499	Sum of GTIs [s]
l2events	223960	Number of level 2 events

