

# V&V Summary Report

## L2 ASCDS Version : 10.3.3

Observation 17252 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 7 2015

See axaff17252N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.04.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	95.079497117519

## Comments

Observation coordinated with Kepler.

Window preference met.

A spatial region of the original bias map for CCD = 3 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 = 3 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:

(56.69401, 24.20317), (56.69041, 24.20226), (56.72353, 24.09477),  
(56.72712, 24.09568).

seq_num	201009	Sequence number
obs_id	17252	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	56.697930480736	Nominal RA [deg]
dec_nom	24.06009096887	Nominal Dec [deg]
roll_nom	285.7061345948	Nominal Roll [deg]
revision	2	Processing version of data
ontime	95079.497117519	Sum of GTIs [s]
livetime	93837.213491172	Livetime [s]
ontime0	95082.514967799	Sum of GTIs [s]
ontime1	95082.555997849	Sum of GTIs [s]
ontime2	95073.174137235	Sum of GTIs [s]
ontime3	95079.497117519	Sum of GTIs [s]
ontime7	95085.820088029	Sum of GTIs [s]
l2events	423572	Number of level 2 events

