

V&V Summary Report

L2 ASCDS Version : 10.5.4

Observation 17733 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 28 2017

See [axaff17733N001_VV002_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.05.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	20.441505919337

Comments

A spatial region of the original bias map for CCD = 6 suffers 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. In this case, the bias map for CCD = 6 could not be improved because no suitable data at a compatible temperature and time range are available to use as replacement values. The bias map used in this processing is the original bias map telemetered with the observation.

seq_num	201044	Sequence number
obs_id	17733	Observation id
title	Creating a gold-standard sample of ages and activity for old cool stars	Proposal title
observer	Katja Poppenhaeager	Principal investigator
object	Kepler-444	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	289.750833	Observer's specified target RA [deg]
dec_targ	41.633944	Observer's specified target Dec [deg]
ra_nom	289.74511096727	Nominal RA [deg]
dec_nom	41.635154169737	Nominal Dec [deg]
roll_nom	112.16041801453	Nominal Roll [deg]
revision	1	Processing version of data
ontime	20441.505919337	Sum of GTIs [s]
livetime	20182.663262989	Livetime [s]
ontime4	20435.064827681	Sum of GTIs [s]
ontime5	20441.464879274	Sum of GTIs [s]
ontime6	20441.423839331	Sum of GTIs [s]
ontime7	20441.505919337	Sum of GTIs [s]
ontime8	20441.382799268	Sum of GTIs [s]
ontime9	20441.341759324	Sum of GTIs [s]
l2events	233659	Number of level 2 events

