

V&V Summary Report

L2 ASCDS Version : 10.4.2.1

Observation 17430 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 4 2015

See [axaff17430N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.11.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.0064000895023

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:
(217.36254, 34.18346), (217.36258, 34.17924), (217.53116, 34.17986),
(217.53113, 34.18408).

seq_num	901177	Sequence number
obs_id	17430	Observation id
title	A new moderate-depth contiguous layer of the Chandra Bootes field	
observer	Dr. Stephen Murray	Principal investigator
object	Bootes mod depth 2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.519583	Observer's specified target RA [deg]
dec_targ	34.216111	Observer's specified target Dec [deg]
ra_nom	217.53108622775	Nominal RA [deg]
dec_nom	34.219427194166	Nominal Dec [deg]
roll_nom	0.20220001932556	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6006.4000895023	Sum of GTIs [s]
livetime	5930.3434349491	Livetime [s]
ontime0	6006.4000895023	Sum of GTIs [s]
ontime1	6006.4000895023	Sum of GTIs [s]
ontime2	6006.4000895023	Sum of GTIs [s]
ontime3	6006.4000895023	Sum of GTIs [s]
ontime6	6006.4000895023	Sum of GTIs [s]
ontime7	6006.4000895023	Sum of GTIs [s]
l2events	35135	Number of level 2 events

