

# V&V Summary Report

## L2 ASCDS Version : 10.4.2.1

Observation 17429 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 4 2015

See [axaff17429N002\\_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	6.0032000894547

## 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 ( $\sim 20$  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:  
(217.36241, 34.18352), (217.36245, 34.17929), (217.53102, 34.17991),  
(217.53099, 34.18414).

seq_num	901176	Sequence number
obs_id	17429	Observation id
title	A new moderate-depth contiguous layer of the Chandra Bootes field	&#160
observer	Dr. Stephen Murray	Principal investigator
object	Bootes mod depth 2	Source name
dtcycle	0	&#160
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	217.53116746799	Nominal RA [deg]
dec_nom	34.219387803224	Nominal Dec [deg]
roll_nom	0.20213487898807	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6003.2000894547	Sum of GTIs [s]
livetime	5927.1839552289	Livetime [s]
ontime0	6003.2000894547	Sum of GTIs [s]
ontime1	6003.2000894547	Sum of GTIs [s]
ontime2	6003.2000894547	Sum of GTIs [s]
ontime3	6003.2000894547	Sum of GTIs [s]
ontime6	6003.2000894547	Sum of GTIs [s]
ontime7	6003.2000894547	Sum of GTIs [s]
l2events	34789	Number of level 2 events

