V&V Summary Report
L2 ASCDS Version : 10.4.2.1

Observation 17431 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 4 2015

See axaff17431N002_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	6.0082069491148

Comments

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The guide star in slot 5 was removed from the aspect solution due to
poor data quality. The aspect solution is improved by the removal of
this star from the solution.
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:
(217.03790, 34.19070), (217.03758, 34.18648), (217.20580, 34.17738),
(217.20613, 34.18159).
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seq_num	901178	Sequence number
obs_id	17431	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 3	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.197083	Observer's specified target RA [deg]
dec_targ	34.214222	Observer's specified target Dec [deg]
ra_nom	217.20878283167	Nominal RA [deg]
dec_nom	34.216872271169	Nominal Dec [deg]
roll_nom	356.20210943511	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6008.2069491148	Sum of GTIs [s]
livetime	5932.1274150172	Livetime [s]
ontime0	6004.8428587914	Sum of GTIs [s]
ontime1	6008.1248691082	Sum of GTIs [s]
ontime2	5995.2020277977	Sum of GTIs [s]
ontime3	6008.2069491148	Sum of GTIs [s]
ontime6	6008.2890291214	Sum of GTIs [s]
ontime7	6008.2479891777	Sum of GTIs [s]
l2events	35032	Number of level 2 events