V&V Summary Report
L2 ASCDS Version : 8.5.1.1

Observation 5173 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Apr 17 2013

See axaff05173N004_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.145

Comments

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Spatial regions of the original bias maps for CCD = 8 and 9 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 maps for CCD = 8 and 9
have 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:
CCD 8:
(329.69812,-30.01348),(329.69709,-30.01075),(329.67087,-30.01817),(329.6
7190,-30.02090)


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The region on CCD 9 crosses a spectral arm.
CCD 9:
(329.62741,-29.92622),(329.62643,-29.92363),(329.54482,-29.94668),(329.5
4579,-29.94927)
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seq_num	790093	Sequence number
obs_id	5173	Observation id
title	AO5 Calibration Observations of PKS2155-304	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS2155-304	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	329.716667	Observer's specified target RA [deg]
dec_targ	-30.225556	Observer's specified target Dec [deg]
ra_nom	329.71431923582	Nominal RA [deg]
dec_nom	-30.224667630451	Nominal Dec [deg]
roll_nom	288.08882728698	Nominal Roll [deg]
revision	4	Processing version of data
ontime	27145.0	Sum of GTIs [s]
livetime	26706.584705475	Livetime [s]
ontime4	27145.0	Sum of GTIs [s]
ontime5	27145.0	Sum of GTIs [s]
ontime6	27145.0	Sum of GTIs [s]
ontime7	27145.0	Sum of GTIs [s]
ontime8	27145.0	Sum of GTIs [s]
ontime9	27145.0	Sum of GTIs [s]
l2events	321139	Number of level 2 events