V&V Summary Report
L2 ASCDS Version : 8.5.1.1

Observation 15057 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 1 2014

See axaff15057N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.968919402361

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:
(244.78269,-7.71900),(244.78175,-7.72170),(244.91491,-7.76736),(244.9158
5,-7.76465)

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These data have been reprocessed with new aspect alignment calibration
files that correct small mean offsets (up to 0.4 arcsecs) and improve
overall astrometric accuracy. The new calibration was determined using
data from the time period being reprocessed and was performed using
cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	702864	Sequence number
obs_id	15057	Observation id
title	C-GOALS: The Chandra-RBGS Survey of a Complete Sample of Major-Merger LIRGs	Proposal title
observer	Professor David Sanders	Principal investigator
object	IRAS F16164-0746	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.792917	Observer's specified target RA [deg]
dec_targ	-7.899167	Observer's specified target Dec [deg]
ra_nom	244.79104631375	Nominal RA [deg]
dec_nom	-7.8968146081376	Nominal Dec [deg]
roll_nom	70.852961678695	Nominal Roll [deg]
revision	3	Processing version of data
ontime	14968.919402361	Sum of GTIs [s]
livetime	14779.373931687	Livetime [s]
ontime2	14965.71947211	Sum of GTIs [s]
ontime3	14968.796282351	Sum of GTIs [s]
ontime5	14968.878362358	Sum of GTIs [s]
ontime6	14968.837322354	Sum of GTIs [s]
ontime7	14968.919402361	Sum of GTIs [s]
ontime8	14968.755242348	Sum of GTIs [s]
l2events	144433	Number of level 2 events