V&V Summary Report
L2 ASCDS Version : 8.5.1.1

Observation 15070 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 30 2014

See axaff15070N003_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	15.151999943614

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:
(146.62993,3.23113),(146.62821,3.22884),(146.73998,3.14494),(146.74171,3
.14724)

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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	702877	Sequence number
obs_id	15070	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	IC 563/4	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	146.584583	Observer's specified target RA [deg]
dec_targ	3.056111	Observer's specified target Dec [deg]
ra_nom	146.58353486435	Nominal RA [deg]
dec_nom	3.0589886197057	Nominal Dec [deg]
roll_nom	53.020085053905	Nominal Roll [deg]
revision	3	Processing version of data
ontime	15151.999943614	Sum of GTIs [s]
livetime	14960.136196889	Livetime [s]
ontime2	15151.999943614	Sum of GTIs [s]
ontime3	15148.758893251	Sum of GTIs [s]
ontime5	15151.999943614	Sum of GTIs [s]
ontime6	15145.517972767	Sum of GTIs [s]
ontime7	15151.999943614	Sum of GTIs [s]
ontime8	15145.517973065	Sum of GTIs [s]
l2events	145735	Number of level 2 events