

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8164 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 3 2012

See axaff08164N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.74879998

Comments

Nearest source is at ra=19:41:54.602, dec=+22:51:12.24. Observer requested coordinates ra=19:41:53.00, dec=+22:51:43.20.

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A spatial region of the original bias map for CCD = 3 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 = 3 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:
(295.56924,23.06803), (295.56927,23.07075), (295.52289,23.07109), (295.52286,23.06836)

seq_num	900705	Sequence number
obs_id	8164	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	
observer	Dr. Stephen Murray	Principal investigator
object	AX J194152+2251	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	295.470833	Observer's specified target RA [deg]
dec_targ	22.862	Observer's specified target Dec [deg]
ra_nom	295.46956825119	Nominal RA [deg]
dec_nom	22.863445311259	Nominal Dec [deg]
roll_nom	179.5638724911	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2748.7999898195	Sum of GTIs [s]
livetime	2713.9930292198	Livetime [s]
ontime2	2748.7999898195	Sum of GTIs [s]
ontime3	2748.7999898195	Sum of GTIs [s]
ontime5	2748.7999898195	Sum of GTIs [s]
ontime6	2748.7999898195	Sum of GTIs [s]
ontime7	2748.7999898195	Sum of GTIs [s]
ontime8	2748.7999898195	Sum of GTIs [s]
l2events	42973	Number of level 2 events

