

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 11807 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 25 2012

See axaff11807N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.1343998878

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:

(323.99559,57.80983), (323.99232,57.80755), (324.07472,57.77399), (324.07798,57.77626)

seq_num	200655	Sequence number
obs_id	11807	Observation id
title	IC1396 HII region as a testbed of triggered star formation: BRC36 (GTO portion)	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	IC1396_BRC36	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	324.209583	Observer's specified target RA [deg]
dec_targ	57.506667	Observer's specified target Dec [deg]
ra_nom	324.21480575428	Nominal RA [deg]
dec_nom	57.514244541365	Nominal Dec [deg]
roll_nom	52.409244998082	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30134.3998878	Sum of GTIs [s]
livetime	29752.819971664	Livetime [s]
ontime0	30131.158927441	Sum of GTIs [s]
ontime1	30134.3998878	Sum of GTIs [s]
ontime2	30131.159036934	Sum of GTIs [s]
ontime3	30134.3998878	Sum of GTIs [s]
ontime6	30127.917907357	Sum of GTIs [s]
ontime7	30134.3998878	Sum of GTIs [s]
l2events	209367	Number of level 2 events

