

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10990 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 28 2012

See axaff10990N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.043516719878

## Comments

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:  
(324.28268,57.37793), (324.28680,57.37926), (324.23734,57.42337), (324.23571,57.41982)

seq_num	200621	Sequence number
obs_id	10990	Observation id
title	BRC36/IC1396 as a Testbed of Triggered Star Formation (GO part)	Pr
observer	Dr. Konstantin Getman	Principal investigator
object	IC1396_BRC36	Source name
dtcycle	0	&#160
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	324.19832179158	Nominal RA [deg]
dec_nom	57.512022464847	Nominal Dec [deg]
roll_nom	121.18682480051	Nominal Roll [deg]
revision	3	Processing version of data
ontime	30043.516727626	Sum of GTIs [s]
livetime	29663.087628787	Livetime [s]
ontime0	30046.634657919	Sum of GTIs [s]
ontime1	30049.916668177	Sum of GTIs [s]
ontime2	30033.752747059	Sum of GTIs [s]
ontime3	30043.516727626	Sum of GTIs [s]
ontime6	30046.839827836	Sum of GTIs [s]
ontime7	30050.039788187	Sum of GTIs [s]
l2events	202990	Number of level 2 events

