

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 9490 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 19 2012

See axaff09490N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	56.6111589

## 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:  
(162.35763, -60.05013), (162.35945, -60.04104), (162.33173, -60.03969), (162.32990, -60.04878)

seq_num	900827	Sequence number
obs_id	9490	Observation id
title	The Great Nebula in Carina: Protoplanetary Disks to Starburst Galaxies	Proposal title
observer	Dr. Leisa Townsley	Principal investigator
object	Carina East Ptg 3	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	162.108333	Observer's specified target RA [deg]
dec_targ	-59.972944	Observer's specified target Dec [deg]
ra_nom	162.0925132416	Nominal RA [deg]
dec_nom	-59.974552326686	Nominal Dec [deg]
roll_nom	174.19498665997	Nominal Roll [deg]
revision	3	Processing version of data
ontime	56611.158908367	Sum of GTIs [s]
livetime	55894.314327122	Livetime [s]
ontime0	56611.158808768	Sum of GTIs [s]
ontime1	56601.43590796	Sum of GTIs [s]
ontime2	56604.676838338	Sum of GTIs [s]
ontime3	56611.158908367	Sum of GTIs [s]
ontime6	56611.158769071	Sum of GTIs [s]
ontime7	56614.399789155	Sum of GTIs [s]
l2events	415560	Number of level 2 events

