

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 10969 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 25 2012

See axaff10969N003_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	29.096518303156

Comments

Strong piled-up source on chip 2 contaminated the bias file for that chip. This results in some pixels near and on the strong source having a bad status value. In addition, the bias map includes a region of contamination around the position of the source that is not marked as bad status. Care should be taken in working with this particular strong source. No other source in this observation is affected. The bias map for CCD = 2 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:
(308.11352,40.95673), (308.11009,40.95989), (308.10239,40.95515), (308.10583,40.95199)

seq_num	200601	Sequence number
obs_id	10969	Observation id
title	The Chandra Cygnus OB2 Survey	Proposal title
observer	Dr. Jeremy Drake	Principal investigator
object	Cygnus OB2	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	308.108132	Observer's specified target RA [deg]
dec_targ	40.868162	Observer's specified target Dec [deg]
ra_nom	308.11401965757	Nominal RA [deg]
dec_nom	40.874903038271	Nominal Dec [deg]
roll_nom	39.204830451728	Nominal Roll [deg]
revision	3	Processing version of data
ontime	29096.518303037	Sum of GTIs [s]
livetime	28716.350870862	Livetime [s]
ontime0	29102.800223827	Sum of GTIs [s]
ontime1	29090.236422181	Sum of GTIs [s]
ontime2	29093.37744236	Sum of GTIs [s]
ontime3	29096.518303037	Sum of GTIs [s]
ontime6	29099.65923363	Sum of GTIs [s]
l2events	403820	Number of level 2 events

