

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 9016 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : May 21 2012

See axaff09016N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.16799999

## Comments

The coordinates requested by the observer do not match the NED coordinates for this object. There is a source a little less than 1 arcmin to the northwest, but that source falls into the CCD chip gap.

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A spatial region of the original bias map for CCD = 0 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 = 0 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:

(264.98950,-28.95122), (265.02136,-28.94924), (265.02118,-28.94707), (264.98810,-28.93449)

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Joint Proposal: XMM

seq_num	400867	Sequence number
obs_id	9016	Observation id
title	Chandra observations of an enigmatic class of faint accreting slow pulsators	Proposal title
observer	Dr. Rudy Wijnands	Principal investigator
object	AX J1740.1-2847	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	265.048333	Observer's specified target RA [deg]
dec_targ	-28.796667	Observer's specified target Dec [deg]
ra_nom	265.05131413477	Nominal RA [deg]
dec_nom	-28.803998316536	Nominal Dec [deg]
roll_nom	274.21038218171	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1167.9999957085	Sum of GTIs [s]
livetime	1153.2100764776	Livetime [s]
ontime0	1167.9999957085	Sum of GTIs [s]
ontime1	1167.9999957085	Sum of GTIs [s]
ontime2	1167.9999957085	Sum of GTIs [s]
ontime3	1167.9999957085	Sum of GTIs [s]
ontime6	1167.9999957085	Sum of GTIs [s]
ontime7	1167.9999957085	Sum of GTIs [s]
l2events	13493	Number of level 2 events

