

# V&V Summary Report

## L2 ASCDS Version : 10.2.1

Observation 14544 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff14544N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	56.537800434828

## Comments

Some of the numerous x-ray point sources fall on the gap between the nodes of the CCD chips and have been dithered over this gap. Dithering over the node boundary, which has lower sensitivity, can give a false indication of variability.

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These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	200845	Sequence number
obs_id	14544	Observation id
title	Star formation close to the most massive stars in our Galaxy: unveiling the PMS members of Pismis 11	Proposal title
observer	Dr Mario Guarcello	Principal investigator
object	Pismis11	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	138.97115	Observer's specified target RA [deg]
dec_targ	-49.985044	Observer's specified target Dec [deg]
ra_nom	138.98133164052	Nominal RA [deg]
dec_nom	-49.989785191096	Nominal Dec [deg]
roll_nom	306.81648534695	Nominal Roll [deg]
revision	2	Processing version of data
ontime	56537.800434828	Sum of GTIs [s]
livetime	55799.092449624	Livetime [s]
ontime0	56534.659434497	Sum of GTIs [s]
ontime1	56537.800434828	Sum of GTIs [s]
ontime2	56537.800434828	Sum of GTIs [s]
ontime3	56537.800434828	Sum of GTIs [s]
l2events	116302	Number of level 2 events

