

# V&V Summary Report

## L2 ASCDS Version : 10

Observation 15632 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 6 2014

See axaff15632N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.069400154352

## Comments

Joint proposal with Spitzer.

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	502033	Sequence number
obs_id	15632	Observation id
title	A Study of Massive Star Evolution and Mass Loss With Multi-Wavelength Observations of Type II <sub>n</sub> Supernovae	Proposal title
observer	Ori Fox	Principal investigator
object	SN 2012ca	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	280.279417	Observer's specified target RA [deg]
dec_targ	-41.793722	Observer's specified target Dec [deg]
ra_nom	280.28310555872	Nominal RA [deg]
dec_nom	-41.794913744609	Nominal Dec [deg]
roll_nom	278.79306862952	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20069.400154352	Sum of GTIs [s]
livetime	19807.178666458	Livetime [s]
ontime5	20069.400154352	Sum of GTIs [s]
ontime6	20069.400154352	Sum of GTIs [s]
ontime7	20069.400154352	Sum of GTIs [s]
ontime8	20069.400154352	Sum of GTIs [s]
l2events	152524	Number of level 2 events

