

# V&V Summary Report

## L2 ASCDS Version : 10.2.2

Observation 16004 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See axaff16004N002\_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	104.07588199389

## Comments

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	502237	Sequence number
obs_id	16004	Observation id
title	Dynamics of the Remnant of Kepler's Type Ia Supernova	Proposal ti
observer	Dr. Kazimierz Borkowski	Principal investigator
object	Kepler's Supernova Remnant	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	262.671667	Observer's specified target RA [deg]
dec_targ	-21.492056	Observer's specified target Dec [deg]
ra_nom	262.66841799893	Nominal RA [deg]
dec_nom	-21.481388776483	Nominal Dec [deg]
roll_nom	92.655431868579	Nominal Roll [deg]
revision	2	Processing version of data
ontime	104075.88199389	Sum of GTIs [s]
livetime	102716.05397609	Livetime [s]
ontime3	104072.65886348	Sum of GTIs [s]
ontime6	104075.84095389	Sum of GTIs [s]
ontime7	104075.88199389	Sum of GTIs [s]
ontime8	104075.75887388	Sum of GTIs [s]
l2events	3727028	Number of level 2 events

