

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 13620 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 1 2014

See axaff13620N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.959999869823

## 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	200774	Sequence number
obs_id	13620	Observation id
title	V1309 Sco: The First Directly Observed Merging Binary	Proposal tit
observer	Prof. Saul Rappaport	Principal investigator
object	V1309 Sco	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	269.387083	Observer's specified target RA [deg]
dec_targ	-30.719444	Observer's specified target Dec [deg]
ra_nom	269.38451457091	Nominal RA [deg]
dec_nom	-30.717394579014	Nominal Dec [deg]
roll_nom	79.808725016543	Nominal Roll [deg]
revision	2	Processing version of data
ontime	34959.999869823	Sum of GTIs [s]
livetime	34517.315301087	Livetime [s]
ontime2	34959.999869823	Sum of GTIs [s]
ontime3	34959.999869823	Sum of GTIs [s]
ontime5	34959.999869823	Sum of GTIs [s]
ontime6	34959.999869823	Sum of GTIs [s]
ontime7	34959.999869823	Sum of GTIs [s]
ontime8	34953.517859101	Sum of GTIs [s]
l2events	342500	Number of level 2 events

