

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13634 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 28 2014

See axaff13634N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0695998170376

## Comments

The EXPOSURE (and LIVETIME) are 2784 s, which is 90.6947% (DTCOR) of the ONTIME of 3069.6 s. The reason that DTCOR is about 0.91 instead of about 0.99 is that the frame time is only 0.4 s. Since the frame transfer time is 0.04104 s, the fraction of the time spent in the static exposure is  $0.4 / (0.4 + 0.04104) = 0.906947$ .

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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	200788	Sequence number
obs_id	13634	Observation id
title	A Search for X-ray Emission from Colliding Magnetospheres in Young Eccentric Stellar Binaries	Proposal title
observer	Dr. Konstantin Getman	Principal investigator
object	Parenago523_P2	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	82.6775	Observer's specified target RA [deg]
dec_targ	-4.583861	Observer's specified target Dec [deg]
ra_nom	82.675254167555	Nominal RA [deg]
dec_nom	-4.5817998331663	Nominal Dec [deg]
roll_nom	80.68541892394	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3069.5998170376	Sum of GTIs [s]
livetime	2783.9650072897	Livetime [s]
ontime7	3069.5998170376	Sum of GTIs [s]
l2events	1585	Number of level 2 events

