

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 14538 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See axaff14538N002\_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	83.46400124377

## Comments

CQ Cep, the target object, is optically monitored in slot 7.

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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	200839	Sequence number
obs_id	14538	Observation id
title	Colliding Winds in the Eclipsing Near-Contact Wolf-Rayet Binary CQ Cep	Proposal title
observer	Dr. Stephen Skinner	Principal investigator
object	HD 214419	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	339.224583	Observer's specified target RA [deg]
dec_targ	56.905833	Observer's specified target Dec [deg]
ra_nom	339.22546196329	Nominal RA [deg]
dec_nom	56.908815956701	Nominal Dec [deg]
roll_nom	23.245295904546	Nominal Roll [deg]
revision	2	Processing version of data
ontime	83464.00124377	Sum of GTIs [s]
livetime	79391.231088909	Livetime [s]
ontime7	83464.00124377	Sum of GTIs [s]
l2events	59227	Number of level 2 events

