

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13639 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Nov 30 2014

See axaff13639N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.070793260753

## 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	200793	Sequence number
obs_id	13639	Observation id
title	LIVING WITH A RED DWARF: MAGNETIC ACTIVITY, XUV IRRADIANCES OF dM STARS - EXOPLANET ATMOSPHERES AND ENVIRONMENT IMPACTS	Proposal titl
observer	Dr. Edward Guinan	Principal investigator
object	LHS 353	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	202.511667	Observer's specified target RA [deg]
dec_targ	-8.707	Observer's specified target Dec [deg]
ra_nom	202.50989452185	Nominal RA [deg]
dec_nom	-8.7045558154575	Nominal Dec [deg]
roll_nom	67.966572813713	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10070.793260753	Sum of GTIs [s]
livetime	9939.2109327913	Livetime [s]
ontime2	10070.62910074	Sum of GTIs [s]
ontime3	10070.670140743	Sum of GTIs [s]
ontime5	10070.75222075	Sum of GTIs [s]
ontime6	10070.711180747	Sum of GTIs [s]
ontime7	10070.793260753	Sum of GTIs [s]
l2events	82806	Number of level 2 events

