

# V&V Summary Report

## L2 ASCDS Version : 8.4.3.1

Observation 8453 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 14 2012

See axaff08453N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.9487998

## Comments

Roll constraint met. Target coordinates are measured as ra=23:31:52.45. dec=+19:56:13.75, which differ from the SIMBAD coordinates by an amount consistent with the large proper motion. Binary companion is about 6-8 arcsec east of the target. Flux from the companion might be included in the extracted spectral data of the target. A custom extraction with a narrower width extraction region placed such that the spectral data from only one of the two stars is included would allow analysis of each star separately.

seq_num	200381	Sequence number
obs_id	8453	Observation id
title	Probing spectral changes in variable active M dwarfs	Proposal titl
observer	Dr. Jan-Uwe Ness	Principal investigator
object	EQ Peg	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	352.9675	Observer's specified target RA [deg]
dec_targ	19.93725	Observer's specified target Dec [deg]
ra_nom	352.9661597861	Nominal RA [deg]
dec_nom	19.935592472876	Nominal Dec [deg]
roll_nom	286.26708492518	Nominal Roll [deg]
revision	2	Processing version of data
ontime	29948.799888492	Sum of GTIs [s]
livetime	29569.570151301	Livetime [s]
ontime4	29948.799888492	Sum of GTIs [s]
ontime5	29948.799888492	Sum of GTIs [s]
ontime6	29948.799888492	Sum of GTIs [s]
ontime7	29948.799888492	Sum of GTIs [s]
ontime8	29948.799888492	Sum of GTIs [s]
ontime9	29948.799888492	Sum of GTIs [s]
l2events	460712	Number of level 2 events

