

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7432 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Aug 13 2012

See axaff07432N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	118.217611

Comments

Preferred time constraint not met. This is a binary star with components sufficiently separated perpendicular to the dispersion direction to extract separate spectra. Standard processing software only extracts data for one source. In this case, the star toward to the SW was selected by the software as the source to extract. However, the proximity of the companion makes it doubtful that this is the best spectral extraction, even for this star. The investigator will probably want to extract the 2 sources separately with modified extraction width and background regions. First 10 ksec has a few spikes in the count rate due to a high radiation environment.

seq_num	200445	Sequence number
obs_id	7432	Observation id
title	The Fainting of Alpha Cen A	Proposal title
observer	Dr. Thomas Ayres	Principal investigator
object	Alpha Centauri	Source name
ra_targ	219.884667	Observer's specified target RA [deg]
dec_targ	-60.834333	Observer's specified target Dec [deg]
ra_nom	219.890728115	Nominal RA [deg]
dec_nom	-60.838065571722	Nominal Dec [deg]
roll_nom	309.07262887124	Nominal Roll [deg]
revision	3	Processing version of data
ontime	118217.61190236	[s]
livetime	117084.56012816	Ontime multiplied by DTCOR
l2events	9511433	Number of level 2 events

