

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 76 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

See axaff00076N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.253

Comments

The zeroth order of the source is not at the precise center of the HRC-S detector in the cross-dispersion direction. This placement does not affect the quality of spectral extraction of the source data. However, the background spectrum in this standard processing is the combination of the background on either side of the source spectrum. The effective area is not identical in the background region above and below the spectral extraction region, because one of these background regions includes only portions of the dither-pattern distribution for some events, not full coverage. The user is advised to use exposure-corrected data for analysis, and narrower extraction regions for at least the background, as well as possibly for the source extraction region. There are several spikes of anomalously high count rate due to enhanced radiation environment.

seq_num	300001	Sequence number
obs_id	76	Observation id
title	X-RAY SPECTROSCOPY OF THE SOFT INTERMEDIATE POLAR RE0751+14	Propos
observer	Dr. Peter Predehl	Principal investigator
object	RE 0751+14	Source name
ra_targ	117.822083	Observer's specified target RA [deg]
dec_targ	14.739722	Observer's specified target Dec [deg]
ra_nom	117.82092248521	Nominal RA [deg]
dec_nom	14.734791260892	Nominal Dec [deg]
roll_nom	260.12738358248	Nominal Roll [deg]
revision	5	Processing version of data
ontime	50270.10184221	[s]
livetime	49971.145758946	Overtime multiplied by DTCOR
l2events	2303797	Number of level 2 events

