

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 7202 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 2 2013

See axaff07202N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.631999

Comments

Very crowded field. Zeroth order position selected was
ra=10:43:57.457, dec=-59:32:51.32. This position is the mean of the the
brightest

X-ray position for all 7 obsids of this source (5398, 7201, 7202, 7203,
7204, 7228, 7229). This zeroth order position was entered manually into
the processing. The output of the automatic source detection tool
tgdetect was not used for this processing.

===

Warning: Multiple sources in the field may cause contamination of the
primary extraction at some wavelengths. Extraction is of HD 93129AB.
Warning: Background important for HEG at about 7 A, plus arm. HD 93162
falls in background region. Comment: Complex source: [ESW2004] is within
2 arcsec of the target in the dispersion direction. Extraction probably
includes both sources with offset in wavelength. These two objects
cannot be extracted separately.

====

Several x-ray sources are included in the region defining the zeroth
order and in the dispersed spectrum. Spectrum may need to be
re-extracted in CIAO to separate the sources. Serendipitous zeroth order
image and dispersed spectrum of HD 93162 present; zeroth order of

HD93162 has a bad CCD row and off-axis PSF. The zeroth order and the dispersed spectrum of HD93162 lie on top of the spectral arm of the dispersed spectrum of the primary target. User could possibly exploit asymmetry in plus and minus orders.

seq_num	200332	Sequence number
obs_id	7202	Observation id
title	A Chandra HETGS Survey of O-Stars	Proposal title
observer	Dr Wayne Waldron	Principal investigator
object	HD93129AB	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	160.989583	Observer's specified target RA [deg]
dec_targ	-59.5475	Observer's specified target Dec [deg]
ra_nom	160.99233303274	Nominal RA [deg]
dec_nom	-59.545934987956	Nominal Dec [deg]
roll_nom	102.45897816492	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9631.999964118	Sum of GTIs [s]
livetime	9510.0337808783	Livetime [s]
ontime4	9631.999964118	Sum of GTIs [s]
ontime5	9631.999964118	Sum of GTIs [s]
ontime6	9631.999964118	Sum of GTIs [s]
ontime7	9631.999964118	Sum of GTIs [s]
ontime8	9631.999964118	Sum of GTIs [s]
ontime9	9631.999964118	Sum of GTIs [s]
l2events	135890	Number of level 2 events

