

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 7204 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 2 2013

See axaff07204N003_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	33.62879

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 positions 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.

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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.

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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	7204	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	160.9922718138	Nominal RA [deg]
dec_nom	-59.545903280886	Nominal Dec [deg]
roll_nom	102.4589392366	Nominal Roll [deg]
revision	3	Processing version of data
ontime	33628.799874723	Sum of GTIs [s]
livetime	33202.971761877	Livetime [s]
ontime4	33628.799874723	Sum of GTIs [s]
ontime5	33628.799874723	Sum of GTIs [s]
ontime6	33628.799874723	Sum of GTIs [s]
ontime7	33628.799874723	Sum of GTIs [s]
ontime8	33628.799874723	Sum of GTIs [s]
ontime9	33628.799874723	Sum of GTIs [s]
l2events	476212	Number of level 2 events

