

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1516 - L2 Version 7
Chandra X-Ray Center

L2 Processing Date : Aug 21 2012

See axaff01516N004_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.265

Comments

Source is quite far off-axis. The PSF is asymmetric and contains the pattern of the struts. The zeroth order is not found at the precise center of the PSF, but is within about 1 arcsec. The off-axis position yields a plus side spectrum with energies beyond 100 A. The minus side spectrum is truncated.

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Standard software processing technique using the tool tgdetect failed to determine an accurate position for the zeroth order for this observation. The source is extended and asymmetric. due to the off-axis PSF. The processing software defaulted to the coordinates supplied by the user for the position of the zeroth order for the grating spectral extraction.

seq_num	280466	Sequence number
obs_id	1516	Observation id
title	GRATINGS CALIBRATION OBSERVATIONS OF A SOFT CONTINUUM: HZ43	Propos
observer	Dr. CXC Calibration	Principal investigator
object	HZ43	Source name
ra_targ	199.092083	Observer's specified target RA [deg]
dec_targ	29.099	Observer's specified target Dec [deg]
ra_nom	199.08658498105	Nominal RA [deg]
dec_nom	28.936800681087	Nominal Dec [deg]
roll_nom	87.589263479217	Nominal Roll [deg]
revision	7	Processing version of data
ontime	10267.681623802	[s]
livetime	10204.719397491	Ontime multiplied by DTCOR
l2events	321188	Number of level 2 events

