

# V&V Summary Report

## L2 ASCDS Version : 7.6.10

Observation 831 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 9 2007

See axaff00831N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.272

## Comments

The zeroth order of the source is significantly off-center in the ACIS subarray detector in the cross-dispersion direction. This placement

probably does not affect the quality of spectral extraction of the source data,

although it is advisable to re-extract the spectrum with a slightly narrower region in the cross-dispersion direction.

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 significant area that is off the detector.

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.

seq_num	700136
obs_id	831
title	EMISSION-LINE SPECTROSCOPY OF NGC 3516
observer	Dr. Hagai Netzer
object	NGC 3516
dtcycle	0
cycle	P
ra_targ	166.697876
dec_targ	72.568577
ra_nom	166.73039453597
dec_nom	72.570446160544
roll_nom	21.264395238467
revision	2
ontime	45272.617674679
livetime	43644.288931279
ontime4	45272.617674679
ontime5	45272.617674679
ontime6	45271.476654604
ontime7	45272.617674679
ontime8	45271.476654589
ontime9	45272.617674679
l2events	143806

