V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 831 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

See axaff00831N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.272

Comments

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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.
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seq_num	700136	Sequence number
obs_id	831	Observation id
title	EMISSION-LINE SPECTROSCOPY OF NGC 3516	Proposal title
observer	Prof. Hagai Netzer	Principal investigator
object	NGC 3516	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.697876	Observer's specified target RA [deg]
dec_targ	72.568577	Observer's specified target Dec [deg]
ra_nom	166.73038438804	Nominal RA [deg]
dec_nom	72.570446282174	Nominal Dec [deg]
roll_nom	21.264404919307	Nominal Roll [deg]
revision	3	Processing version of data
ontime	45272.617674679	Sum of GTIs [s]
livetime	43644.288931279	Livetime [s]
ontime4	45272.617674679	Sum of GTIs [s]
ontime5	45272.617674679	Sum of GTIs [s]
ontime6	45271.476654604	Sum of GTIs [s]
ontime7	45272.617674679	Sum of GTIs [s]
ontime8	45271.476654589	Sum of GTIs [s]
ontime9	45272.617674679	Sum of GTIs [s]
l2events	143209	Number of level 2 events