

# V&V Summary Report

## L2 ASCDS Version : 7.6.10

Observation 2416 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Jun 22 2007

See axaff02416N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	17.622

## Comments

WARNING: there are no standard ciao tools for analysis of grating spectra from extended sources. The shape of an emission 'line' will be the shape of the zero order spatial structure convolved with the instrumental LSF. Grating extractions can be used, but need to be combined with custom spatial-spectral analysis, since wavelength is multi-valued at any particular diffraction angle. WARNING::Zeroth order selected by pipeline tools is near a bright region SSW of the center of the supernova remnant. The zeroth order position is not exactly at the position of the brightest pixel. The user will need to select a region or source of interest, then use software tools such as CIAO to specify the coordinates of the zeroth order source of interest before running the tools to resolve the dispersed events.

seq_num	500111
obs_id	2416
title	HIGH RESOLUTION SPECTRA OF YOUNG SUPERNOVA REMNANTS
observer	Prof. Claude Canizares
object	N103B
dtcycle	0
cycle	P
ra_targ	77.26625
dec_targ	-68.721944
ra_nom	77.275380863372
dec_nom	-68.725016056469
roll_nom	340.10469436518
revision	2
ontime	17619.200016409
livetime	17396.095096793
ontime4	17619.200016409
ontime5	17619.200016409
ontime6	17619.200016409
ontime7	17619.200016409
ontime8	17619.200016409
ontime9	17615.959056169
l2events	178554

