

# V&V Summary Report

## L2 ASCDS Version : 7.6.10

Observation 121 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : May 31 2007

See [axaff00121N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.744

## Comments

Roll constraint met.

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 on a bright outer filament southwest of the center of the supernova remnant. 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. The spectral data supplied in this processing are only energy-calibrated for the particular emission knot selected. However, it should be noted that the emission knot that has been selected as the zeroth order source is filamentary and curved, so the energy assignments to the events should take the spatial information into account. The zeroth order used for extracting the spectral data in this processing is not located at the position of the brightest X-ray emission in the filament.

seq_num	500008
obs_id	121
title	HIGH RESOLUTION SPECTRA OF EXTRAGALACTIC SUPERNOVA REMNANTS
observer	Prof. Claude Canizares
object	N132D
dtcycle	0
cycle	P
ra_targ	81.25875
dec_targ	-69.649722
ra_nom	81.251756737283
dec_nom	-69.645737700891
roll_nom	144.32406225607
revision	3
ontime	21740.800020248
livetime	21465.504919653
ontime4	21740.795573503
ontime5	21740.800020248
ontime6	21740.800020248
ontime7	21740.800020248
ontime8	21740.800020248
ontime9	21740.800020248
l2events	339032

