

# V&V Summary Report

## L2 ASCDS Version : 10.4.3.1

Observation 18808 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Mar 31 2016

See [axaff18808N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.04.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.016101713061

## Comments

Roll constraint met. === WARNING: Zeroth order selected by pipeline tools is a weighted centroid near the center of the supernova remnant but is not at the position(s) of brightest emission. The user may want 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. 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.

seq_num	502517	Sequence number
obs_id	18808	Observation id
title	CHANDRA CYCLE 17 SPATIAL AND SPECTRAL MONITORING OF SN 1987A	Propo
observer	David Burrows	Principal investigator
object	SNR 1987A	Source name
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.862583847687	Nominal RA [deg]
dec_nom	-69.274466965626	Nominal Dec [deg]
roll_nom	253.06350105583	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30016.101713061	[s]
livetime	29752.469532938	Ontime multiplied by DTCOR
l2events	2424823	Number of level 2 events

