

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 14344 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

See axaff14344N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.068910266757

## Comments

Source is extended and asymmetric. Zeroth order is near the center of the supernova remnant emission, but may not be the position of interest. Users should verify that the zeroth order position is correct for their analysis. 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	501373	Sequence number
obs_id	14344	Observation id
title	Chandra Cycle 12 Spatial and Spectral Monitoring of SNR 1987A	Prop
observer	Prof. David Burrows	Principal investigator
object	SNR 1987A	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.859572826704	Nominal RA [deg]
dec_nom	-69.268062887157	Nominal Dec [deg]
roll_nom	88.149988451788	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12068.910267711	Sum of GTIs [s]
livetime	11593.128282977	Livetime [s]
ontime4	12068.951307714	Sum of GTIs [s]
ontime5	12068.869227707	Sum of GTIs [s]
ontime6	12068.828187704	Sum of GTIs [s]
ontime7	12068.910267711	Sum of GTIs [s]
ontime8	12068.787147701	Sum of GTIs [s]
ontime9	12068.746107697	Sum of GTIs [s]
l2events	35375	Number of level 2 events

