

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10926 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jun 13 2012

See axaff10926N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.094333044887

## Comments

Source is extended with structure. The zeroth order used for extracting the spectral data in this processing is located at the centroid of the SNR, but is not located at the position of the brightest X-ray emission in the supernova remnant. 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. === The sub-array configuration chosen eliminates counts from the soft ends of the spectral arms for both HEG (>9A) and MEG (>19A).

seq_num	501149	Sequence number
obs_id	10926	Observation id
title	Chandra Cycle 10 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	83.857812740564	Nominal RA [deg]
dec_nom	-69.266074081645	Nominal Dec [deg]
roll_nom	98.634180002534	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35094.333041906	Sum of GTIs [s]
livetime	33832.088573667	Livetime [s]
ontime4	35094.37408191	Sum of GTIs [s]
ontime5	35094.292001903	Sum of GTIs [s]
ontime6	35094.2509619	Sum of GTIs [s]
ontime7	35094.333041906	Sum of GTIs [s]
ontime8	35094.209921896	Sum of GTIs [s]
ontime9	35094.168881893	Sum of GTIs [s]
l2events	127178	Number of level 2 events

