V&V Summary Report
L2 ASCDS Version : 8.4.4

Observation 10852 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 29 2012

See axaff10852N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.1815002

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).
===Obsid 10130 used for cross-calibration purposes. ===
```

seq_num	501148	Sequence number
obs_id	10852	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
dtycycle	0	
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	83.880390866398	Nominal RA [deg]
dec_nom	-69.269770456836	Nominal Dec [deg]
roll_nom	328.16945712617	Nominal Roll [deg]
revision	2	Processing version of data
ontime	11181.500242352	Sum of GTIs [s]
livetime	10779.33312293	Livetime [s]
ontime4	11181.500242352	Sum of GTIs [s]
ontime5	11181.500242352	Sum of GTIs [s]
ontime6	11181.500242352	Sum of GTIs [s]
ontime7	11181.500242352	Sum of GTIs [s]
ontime8	11181.500242352	Sum of GTIs [s]
ontime9	11181.500242352	Sum of GTIs [s]
l2events	38737	Number of level 2 events