V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 12126 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

See axaff12126N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.069

Comments

```
Time constraint met. Roll constraint met. Target slightly offset in
subarray in order to include O VIII lines in MEG minus order. ===
WARNING::Zeroth order selected by pipeline tools is well-centered in the
SNR but is not necessarily at the position 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. ===
The spatial flux distribution of the zeroth order is slightly
asymmetric. Possibly extended source: the wavelength solution is
pertinent only to the zeroth order position determined by the tool
tgdetect. For extended sources, there is no unique mapping from position
to wavelength.
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.
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seq_num	501180	Sequence number
obs_id	12126	Observation id
title	CHANDRA CYCLE 11 SPATIAL AND SPECTRAL MONITORING OF SNR1987A	Propo
observer	Prof. David Burrows	Principal investigator
object	SNR 1987A	Source name
dtycycle	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	83.872494659908	Nominal RA [deg]
dec_nom	-69.27411770442	Nominal Dec [deg]
roll_nom	263.41206815275	Nominal Roll [deg]
revision	2	Processing version of data
ontime	22069.0	Sum of GTIs [s]
livetime	21198.993314378	Livetime [s]
ontime4	22069.0	Sum of GTIs [s]
ontime5	22069.0	Sum of GTIs [s]
ontime6	22069.0	Sum of GTIs [s]
ontime7	22069.0	Sum of GTIs [s]
ontime8	22069.0	Sum of GTIs [s]
ontime9	22069.0	Sum of GTIs [s]
l2events	73239	Number of level 2 events