

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 12125 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

See [axaff12125N002_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	18.891

Comments

Time constraint met. Roll constraint met. Target slightly offset in subarray in order to include 0 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. ====

seq_num	501180	Sequence number
obs_id	12125	Observation id
title	CHANDRA CYCLE 11 SPATIAL AND SPECTRAL MONITORING OF SNR1987A	Propo
observer	Prof. David Burrows	Principal investigator
object	SNR 1987A	Source name
dtcycle	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	83.872524020235	Nominal RA [deg]
dec_nom	-69.274127235438	Nominal Dec [deg]
roll_nom	263.41209196174	Nominal Roll [deg]
revision	2	Processing version of data
ontime	18891.0	Sum of GTIs [s]
livetime	18146.276800123	Livetime [s]
ontime4	18891.0	Sum of GTIs [s]
ontime5	18891.0	Sum of GTIs [s]
ontime6	18891.0	Sum of GTIs [s]
ontime7	18891.0	Sum of GTIs [s]
ontime8	18891.0	Sum of GTIs [s]
ontime9	18891.0	Sum of GTIs [s]
l2events	62836	Number of level 2 events

