

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 13735 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 29 2012

See axaff13735N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.676

Comments

Time constraint met. Roll constraint met. Offset in aim point is intended to put the aimpoint at row 162 in order to get the HET/MEG spectra centered in the bottom 1/4 subarray of the ACIS-S array with the OVIII line in the MEG minus spectrum onto the subarray.

==== WARNING::Zeroth order selected by pipeline tools is well-centered in the supernova remnant but is not at the position(s) 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.

==== 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	501568	Sequence number
obs_id	13735	Observation id
title	Chandra Cycle 13 Spatial and Spectral Monitoring of SNR 1987A	Prop
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	83.87234264629	Nominal RA [deg]
dec_nom	-69.272013597081	Nominal Dec [deg]
roll_nom	254.23192597012	Nominal Roll [deg]
revision	1	Processing version of data
ontime	44676.0	Sum of GTIs [s]
livetime	42914.777530162	Livetime [s]
ontime4	44676.0	Sum of GTIs [s]
ontime5	44676.0	Sum of GTIs [s]
ontime6	44676.0	Sum of GTIs [s]
ontime7	44676.0	Sum of GTIs [s]
ontime8	44676.0	Sum of GTIs [s]
ontime9	44676.0	Sum of GTIs [s]
l2events	122067	Number of level 2 events

