

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12540 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

See axaff12540N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.068896943748

Comments

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.

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Roll constraint met.

==== 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. ==== 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.

seq_num	501373	Sequence number
obs_id	12540	Observation id
title	Chandra Cycle 12 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	83.859642640109	Nominal RA [deg]
dec_nom	-69.268059132486	Nominal Dec [deg]
roll_nom	88.150050329179	Nominal Roll [deg]
revision	2	Processing version of data
ontime	39068.896947265	Sum of GTIs [s]
livetime	37528.718346331	Livetime [s]
ontime4	39068.937987268	Sum of GTIs [s]
ontime5	39068.855907261	Sum of GTIs [s]
ontime6	39068.814867258	Sum of GTIs [s]
ontime7	39068.896947265	Sum of GTIs [s]
ontime8	39068.773827255	Sum of GTIs [s]
ontime9	39068.732787251	Sum of GTIs [s]
l2events	111241	Number of level 2 events

