

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 21050 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 30 2018

See [axaff21050N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2018.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.191700510263

Comments

Roll and window constraints met.

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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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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.

seq_num	503016	Sequence number
obs_id	21050	Observation id
title	High Resolution Spectroscopy of SN 1987A	Proposal title
observer	SANGWOOK PARK	Principal investigator
object	SN 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	83.878935550462	Nominal RA [deg]
dec_nom	-69.275073351734	Nominal Dec [deg]
roll_nom	264.16813567756	Nominal Roll [deg]
revision	1	Processing version of data
ontime	18191.700510263	Sum of GTIs [s]
livetime	17762.883602587	Livetime [s]
ontime4	18191.700510263	Sum of GTIs [s]
ontime5	18191.700510263	Sum of GTIs [s]
ontime6	18191.700510263	Sum of GTIs [s]
ontime7	18191.700510263	Sum of GTIs [s]
ontime8	18189.959470034	Sum of GTIs [s]
ontime9	18191.700510263	Sum of GTIs [s]
l2events	123188	Number of level 2 events

