

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 21052 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 1 2018

See axaff21052N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.842408758998

Comments

Roll constraint 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. ===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	21052	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	83.877538747047	Nominal RA [deg]
dec_nom	-69.273725001071	Nominal Dec [deg]
roll_nom	264.16680025343	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30842.408758998	Sum of GTIs [s]
livetime	30115.387866044	Livetime [s]
ontime4	30842.449798942	Sum of GTIs [s]
ontime5	30842.367718935	Sum of GTIs [s]
ontime6	30842.326678991	Sum of GTIs [s]
ontime7	30842.408758998	Sum of GTIs [s]
ontime8	30842.285638928	Sum of GTIs [s]
ontime9	30842.244598985	Sum of GTIs [s]
l2events	210086	Number of level 2 events

