

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 21051 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 30 2018

See axaff21051N001-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	15.371400431156

Comments

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 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	21051	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	83.879314022601	Nominal RA [deg]
dec_nom	-69.275379706247	Nominal Dec [deg]
roll_nom	264.16848744679	Nominal Roll [deg]
revision	1	Processing version of data
ontime	15371.400431156	Sum of GTIs [s]
livetime	15009.063969217	Livetime [s]
ontime4	15371.400431156	Sum of GTIs [s]
ontime5	15371.379418135	Sum of GTIs [s]
ontime6	15371.338378191	Sum of GTIs [s]
ontime7	15371.400431156	Sum of GTIs [s]
ontime8	15371.297338128	Sum of GTIs [s]
ontime9	15371.256298184	Sum of GTIs [s]
l2events	105639	Number of level 2 events

