

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 21049 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 29 2018

See axaff21049N001-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.643800887585

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	21049	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	83.878619513239	Nominal RA [deg]
dec_nom	-69.274761144352	Nominal Dec [deg]
roll_nom	264.16781112787	Nominal Roll [deg]
revision	1	Processing version of data
ontime	31643.800887585	Sum of GTIs [s]
livetime	30897.88948496	Livetime [s]
ontime4	31643.800887585	Sum of GTIs [s]
ontime5	31643.800887585	Sum of GTIs [s]
ontime6	31643.800887585	Sum of GTIs [s]
ontime7	31643.800887585	Sum of GTIs [s]
ontime8	31643.800887585	Sum of GTIs [s]
ontime9	31643.760945559	Sum of GTIs [s]
l2events	220146	Number of level 2 events

