

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 21053 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 2 2018

See [axaff21053N001-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Francesca Civano
V&V Date (YYYY-MM-DD)	2018.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.480664528489

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	21053	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	83.878894569236	Nominal RA [deg]
dec_nom	-69.275101675743	Nominal Dec [deg]
roll_nom	264.16809850124	Nominal Roll [deg]
revision	1	Processing version of data
ontime	12480.664528489	Sum of GTIs [s]
livetime	12186.468833819	Livetime [s]
ontime4	12480.705568433	Sum of GTIs [s]
ontime5	12480.623488426	Sum of GTIs [s]
ontime6	12480.582448483	Sum of GTIs [s]
ontime7	12480.664528489	Sum of GTIs [s]
ontime8	12480.54140842	Sum of GTIs [s]
ontime9	12480.500368476	Sum of GTIs [s]
l2events	83678	Number of level 2 events

