

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22156 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 24 2019

See axaff22156N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2019.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.170332934856

Comments

Roll constraint met.

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WARNING: Zeroth order selected by pipeline tools is not well-centered in the supernova remnant and 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.

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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.

seq_num	503076	Sequence number
obs_id	22156	Observation id
title	CHANDRA CYCLE 20 SPATIAL AND SPECTRAL MONITORING OF SN1987A	Propos
observer	David Burrows	Principal investigator
object	SNR 1987A	Source name
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.878661137529	Nominal RA [deg]
dec_nom	-69.275888501166	Nominal Dec [deg]
roll_nom	263.07854785165	Nominal Roll [deg]
revision	1	Processing version of data
ontime	28170.332934856	[s]
livetime	27882.235621372	Ontime multiplied by DTCOR
l2events	2618531	Number of level 2 events

