

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19289 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 24 2017

See [axaff19289N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2017.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.607160686255

Comments

Roll Constraint met.

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.

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	502939	Sequence number
obs_id	19289	Observation id
title	Chandra Cycle 18 Spatial and Spectral Monitoring of SN 1987A	Propo
observer	David Burrows	Principal investigator
object	SNR 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	83.842674152476	Nominal RA [deg]
dec_nom	-69.267233724659	Nominal Dec [deg]
roll_nom	84.63417941905	Nominal Roll [deg]
revision	1	Processing version of data
ontime	19607.160686255	Sum of GTIs [s]
livetime	18901.946255065	Livetime [s]
ontime4	19607.201726198	Sum of GTIs [s]
ontime5	19607.119646192	Sum of GTIs [s]
ontime6	19607.078606248	Sum of GTIs [s]
ontime7	19607.160686255	Sum of GTIs [s]
ontime8	19607.037566185	Sum of GTIs [s]
ontime9	19606.996526241	Sum of GTIs [s]
l2events	57893	Number of level 2 events

