

V&V Summary Report

L2 ASCDS Version : 10.5.1.1

Observation 19882 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 24 2016

See axaff19882N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	42.61153239274

Comments

The SIM dy drift of 7.538 arcsec is acceptable.

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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.

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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	502518	Sequence number
obs_id	19882	Observation id
title	CHANDRA CYCLE 17 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	83.860869208989	Nominal RA [deg]
dec_nom	-69.270708700706	Nominal Dec [deg]
roll_nom	88.151202783515	Nominal Roll [deg]
revision	1	Processing version of data
ontime	42611.53239274	Sum of GTIs [s]
livetime	41078.915403504	Livetime [s]
ontime4	42611.573432684	Sum of GTIs [s]
ontime5	42611.491352677	Sum of GTIs [s]
ontime6	42611.450312734	Sum of GTIs [s]
ontime7	42611.53239274	Sum of GTIs [s]
ontime8	42611.409272671	Sum of GTIs [s]
ontime9	42611.368232727	Sum of GTIs [s]
l2events	131568	Number of level 2 events

