V&V Summary Report
L2 ASCDS Version : 10.2.1

Observation 15809 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 10 2014

See axaff15809N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	73.090542213738

Comments

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These data have been reprocessed with new aspect alignment calibration
files that correct small mean offsets (up to 0.4 arcsecs) and improve
overall astrometric accuracy. The new calibration was determined using
data from the time period being reprocessed and was performed using
cross-correlation of X-ray sources with radio and optical counterparts.


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The source is extended and asymmetric. 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.
====== Zeroth order position is not coincident with the brightest X-ray
emission. The user may want to use CIAO tools to re-extract the spectrum
using the zeroth order position of interest.
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Due to the placement of the source on the CCD subarray, the HEG minus
and MEG plus spectral arms are truncated, compared to the opposite arms.
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seq_num	502042	Sequence number
obs_id	15809	Observation id
title	CHANDRA CYCLE 15 SPATIAL AND SPECTRAL MONITORING OF SN 1987A	Propo
observer	Prof. David Burrows	Principal investigator
object	SN 1987A	Source name
dtycycle	0	&#160
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	83.873548605507	Nominal RA [deg]
dec_nom	-69.271554056464	Nominal Dec [deg]
roll_nom	266.08892485723	Nominal Roll [deg]
revision	2	Processing version of data
ontime	73090.542213738	Sum of GTIs [s]
livetime	70461.680953439	Livetime [s]
ontime4	73090.583253741	Sum of GTIs [s]
ontime5	73090.501173735	Sum of GTIs [s]
ontime6	73090.460133731	Sum of GTIs [s]
ontime7	73090.542213738	Sum of GTIs [s]
ontime8	73090.419093728	Sum of GTIs [s]
ontime9	73090.378053725	Sum of GTIs [s]
l2events	179940	Number of level 2 events