V&V Summary Report
L2 ASCDS Version : 8.5.1.1

Observation 14697 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See axaff14697N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	70.091943955898

Comments

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.

======
WARNING: Zeroth order position selected by pipeline tools is a position
within the extended emission. The user will need 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. The spectral data supplied in
this processing are only energy-calibrated for the particular location
of the zeroth order, which is not at the brightest X-ray positions.
=====
Joint Proposal: HST. Window constraint met. Non-standard dither used.
======= Charge time is set to the scheduled time for this observation,
although the ontime is 3464 sec, which is significantly less due to
telemetry saturation. In addition, the livetime of the detector is about
601 s, significantly shorter than the ONTIME of 3464 s. This is because
the frame time of 0.2 s is shorter than the minimum time that it takes

to read out the detector (about 0.9 s) in the specified configuration.
Therefore, there is a flush of 0.90588 s preceding each frame. This
flush time is dead time.

seq_num	501825	Sequence number
obs_id	14697	Observation id
title	Chandra Cycle 14 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	83.873368533519	Nominal RA [deg]
dec_nom	-69.271622852973	Nominal Dec [deg]
roll_nom	264.16289686439	Nominal Roll [deg]
revision	2	Processing version of data
ontime	70091.943955898	Sum of GTIs [s]
livetime	67570.933842361	Livetime [s]
ontime4	70091.984995902	Sum of GTIs [s]
ontime5	70091.902915895	Sum of GTIs [s]
ontime6	70091.861875892	Sum of GTIs [s]
ontime7	70091.943955898	Sum of GTIs [s]
ontime8	70089.538755894	Sum of GTIs [s]
ontime9	70091.779795885	Sum of GTIs [s]
l2events	182095	Number of level 2 events