V&V Summary Report
L2 ASCDS Version : 10.1.1

Observation 16002 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2014

See axaff16002N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.068000292778

Comments

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Joint Proposal with NRAO. Monitor constraint met.
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A spatial region of the original bias map for CCD = 6 suffered from
anomalously high data values. Pixels in the event data that were
bias-corrected by one of the original affected bias pixels may have an
apparent energy shift. While the change in energy is expected to be
small (~20 eV), it depends on many parameters that have not yet been
fully explored for this bias anomaly. The bias map for CCD = 6 has been
reconstructed for this processing to remove this anomaly using scaled
data from a comparable bias map from another observation. The pixels
affected by the anomaly are bounded by sky coords:
(24.24427,15.60764),(24.24277,15.61584),(24.16044,15.60186),(24.16194,15
.59366)


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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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seq_num	502235	Sequence number
obs_id	16002	Observation id
title	State of the shocked plasma: X-ray and radio signatures from type IIP supernovae	Proposal title
observer	Prof. Alak Ray	Principal investigator
object	SN 2013ej	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	24.200667	Observer's specified target RA [deg]
dec_targ	15.758611	Observer's specified target Dec [deg]
ra_nom	24.203569175691	Nominal RA [deg]
dec_nom	15.757450041027	Nominal Dec [deg]
roll_nom	279.94838610889	Nominal Roll [deg]
revision	3	Processing version of data
ontime	38068.000292778	Sum of GTIs [s]
livetime	37570.613843699	Livetime [s]
ontime2	38067.983705282	Sum of GTIs [s]
ontime3	38068.000292778	Sum of GTIs [s]
ontime6	38068.000292778	Sum of GTIs [s]
ontime7	38068.000292778	Sum of GTIs [s]
ontime8	38068.000292778	Sum of GTIs [s]
l2events	183462	Number of level 2 events