V&V Summary Report
L2 ASCDS Version : 10

Observation 16265 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 6 2014

See axaff16265N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	17.053988101482

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.

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Gain and CTI correction are not well calibrated on CCD_ID 5 (ACIS-S1).
Default order sorting can clip some regions, particularly longward of
30A (first order). User-specified custom processing parameters may be
required in tg_resolve_events (osipfile=none, osort_lo, osort_hi ~0.5)
though this can allow more zeroth order background at short wavelengths.

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The source's zeroth order falls very close to the gap between the CCD
chips. Any suggestion of source variability should consider this
possibility. Dithering over the chip boundary can give a false
indication of variability.
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Faint grating spectra can be seen in an image of bad events. This
should be considered in analysis.

seq_num	790250	Sequence number
obs_id	16265	Observation id
title	AO-14 LETG/ACIS-S Calibration Observations of RXJ 1856	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	RXJ 1856.5-3754	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	284.147083	Observer's specified target RA [deg]
dec_targ	-37.909611	Observer's specified target Dec [deg]
ra_nom	284.13480454387	Nominal RA [deg]
dec_nom	-37.89095087091	Nominal Dec [deg]
roll_nom	304.56912070067	Nominal Roll [deg]
revision	2	Processing version of data
ontime	17053.988101482	Sum of GTIs [s]
livetime	16109.510513653	Livetime [s]
ontime4	17054.029141486	Sum of GTIs [s]
ontime5	17053.947061479	Sum of GTIs [s]
ontime6	17053.906021476	Sum of GTIs [s]
ontime7	17053.988101482	Sum of GTIs [s]
ontime8	17053.864981472	Sum of GTIs [s]
ontime9	17053.823941469	Sum of GTIs [s]
l2events	21257	Number of level 2 events