V&V Summary Report
L2 ASCDS Version : 10

Observation 15474 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 4 2014

See axaff15474N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.11.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.512400497198

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.


====
Source is very close to chip edge and is slightly dithered into the gap.
Caution
should be taken in interpreting variability and flux.

====Unexpectely short ONTIME of 12512.40 seconds is due to an apparent
ACIS FEP anaomaly. The FEPS apparently shut down unexpectedly during the
observation. it is confirm that the 449 second delay between the last
complete exposure packets at 211:20084 (211:05:34:44) and the final,
incomplete packets at 211:20533 (211:05:42:13) is entirely consistent
with the FEP watchdog countdown time of (2^32-1)/9.6e6 = 447.4 seconds.
There are no problems with the data marked good GTI.
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seq_num	790250	Sequence number
obs_id	15474	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	284.13480078218	Nominal RA [deg]
dec_nom	-37.890932325956	Nominal Dec [deg]
roll_nom	304.59395039197	Nominal Roll [deg]
revision	2	Processing version of data
ontime	12512.400497198	Sum of GTIs [s]
livetime	11711.34453126	Livetime [s]
ontime5	12512.400497198	Sum of GTIs [s]
ontime6	12512.371036589	Sum of GTIs [s]
ontime7	12512.400497198	Sum of GTIs [s]
ontime8	12511.688956559	Sum of GTIs [s]
ontime9	12512.288956583	Sum of GTIs [s]
l2events	15900	Number of level 2 events