

V&V Summary Report

L2 ASCDS Version : 7.6.11.10

Observation 2177 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Feb 3 2009

See axaff02177N003_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.02.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.054

Comments

Source is extended and standard software processing technique using the tool `tgdetect` did not give an accurate position for the zeroth order. Zeroth order position for this observation has been determined using the known angle between the readout streak and the meg spectral arm. The newly determined zeroth order coordinates have been placed in the `*src1a.fits` file, replacing the coordinates determined by `tgdetect`.

Focal plane temperature is warmer than -118.7 C degrees during the first ~3 ksec of this observation. The ACIS spectral response calibration for the front-illuminated chips is less accurate at these warmer temperatures than it is at -119.7 C. The back-illuminated chips are not affected at the focal plane temperatures recorded for this observation. Users whose science objectives depend on the most accurate spectral response (i.e.: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

This obsid was reprocessed to correct minor errors in parameters used in processing. Some of these parameters cannot be determined automatically for this observation and were derived from spacecraft telemetry.

seq_num	700367
obs_id	2177
title	CHANDRA OBSERVATIONS OF THE BRIGHT SEYFERT 1 GALAXY IC 4329A
observer	DR GRZEGORZ MADEJSKI
object	IC 4329A
dtcycle	0
cycle	P
ra_targ	207.33
dec_targ	-30.309444
ra_nom	207.32911700709
dec_nom	-30.307369564791
roll_nom	239.67796783844
revision	5
ontime	60054.959009841
livetime	59085.019332479
ontime4	60057.5
ontime5	60057.5
ontime6	60057.5
ontime7	60054.959009841
ontime8	60057.5
ontime9	60057.5
l2events	724695

