

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 820 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See axaff00820N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.353

Comments

Focal plane temperature is approximately -110 C degrees during this observation. ACIS has not been calibrated at this temperature, because the focal plan temperature of -119.7 C degrees became the standard shortly

after the start of the mission. Both front and back illuminated chips are affected.

The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -119.7 C. Users whose science objectives depend

on the most accurate spectral response (ie: 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 reprocessing

of the data applies no CTI correction because none is available for this temperature.

==

Window preference met.

====

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded

removing one guide star from the solution.

====

seq_num	700125	Sequence number
obs_id	820	Observation id
title	LIFTING THE SHROUD AROUND BROAD ABSORPTION LINE QSOS: AN AXAF SURVEY	
observer	Dr. Paul Green	Principal investigator
object	LBQS 1235+1807B	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	189.58375	Observer's specified target RA
dec_targ	17.844083	Observer's specified target Dec
ra_nom	189.58824178772	Nominal RA
dec_nom	17.853531666907	Nominal Dec
roll_nom	76.44220518757	Nominal Roll
revision	3	Processing version of data
ontime	1352.4425755143	Sum of GTIs [s]
livetime	1335.31713328	Livetime [s]
ontime2	1352.401535511	Sum of GTIs [s]
ontime3	1352.3194555119	Sum of GTIs [s]
ontime6	1352.3604955152	Sum of GTIs [s]
ontime7	1352.4425755143	Sum of GTIs [s]
ontime8	1352.278415516	Sum of GTIs [s]
l2events	9952	Number of level 2 events

