

V&V Summary Report

L2 ASCDS Version : 8.1.2

Observation 1517 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 4 2009

See [axaff01517N001-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	1.241

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.

seq_num	800031	Sequence number
obs_id	1517	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	A267	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	28.202917	Observer's specified target RA
dec_targ	1.019	Observer's specified target Dec
ra_nom	28.218700725022	Nominal RA
dec_nom	0.96658823859723	Nominal Dec
roll_nom	288.92019656851	Nominal Roll
revision	3	Processing version of data
ontime	1240.4229397178	Sum of GTIs [s]
livetime	1224.715957562	Livetime [s]
ontime0	1240.5870997161	Sum of GTIs [s]
ontime1	1240.5460597128	Sum of GTIs [s]
ontime2	1240.5050197169	Sum of GTIs [s]
ontime3	1240.4229397178	Sum of GTIs [s]
ontime6	1240.4639797136	Sum of GTIs [s]
l2events	12876	Number of level 2 events

