

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 414 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See [axaff00414N001\\_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	1.152

## 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	700086	Sequence number
obs_id	414	Observation id
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES	Proposal
observer	Prof Gordon Garmire	Principal investigator
object	NGC 5195	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	202.494583	Observer's specified target RA
dec_targ	47.267778	Observer's specified target Dec
ra_nom	202.50136526561	Nominal RA
dec_nom	47.297276831179	Nominal Dec
roll_nom	85.178092286944	Nominal Roll
revision	3	Processing version of data
ontime	1152.0000010729	Sum of GTIs [s]
livetime	1137.4126834082	Livetime [s]
ontime2	1152.0000010729	Sum of GTIs [s]
ontime3	1152.0000010729	Sum of GTIs [s]
ontime6	1152.0000010729	Sum of GTIs [s]
ontime7	1152.0000010729	Sum of GTIs [s]
ontime8	1152.0000010729	Sum of GTIs [s]
l2events	8509	Number of level 2 events

