

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 336 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

See axaff00336N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Dan Dewey
V&V Date (YYYY-MM-DD)	2009.11.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.019

## Comments

Roll constraint: OK, requested: 270 +/- 50 actual: 289; spectra look good.

=====

No CTI correction has been applied to these data because the correction has not been derived for temperatures warmer than -120 degrees C.  
[FP\_TEMP is about -109.2 C ]

HOWEVER, we have employed the new gain model applicable to the UN-CTI-CORRECTED BI chips, including S1, which is the one that had by far the worst gain behavior in previous processings. THAT chip, very important for lower-energy order-sorting with HETG/ACIS-S, is much improved now (flatter distribution on the order-sorting plots).

=====

seq_num	700008	Sequence number
obs_id	336	Observation id
title	HETG OBSERVATIONS OF VARIOUS ACTIVE GALACTIC NUCLEI	Proposal title
observer	Prof. Claude Canizares	Principal investigator
object	PKS 2149-306	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	327.98125	Observer's specified target RA
dec_targ	-30.464917	Observer's specified target Dec
ra_nom	327.98086014584	Nominal RA
dec_nom	-30.469860301608	Nominal Dec
roll_nom	288.95685831192	Nominal Roll
revision	4	Processing version of data
ontime	36018.481485561	Sum of GTIs [s]
livelime	35562.393785265	Livetime [s]
ontime5	36018.440445557	Sum of GTIs [s]
ontime6	36015.158425421	Sum of GTIs [s]
ontime7	36018.481485561	Sum of GTIs [s]
ontime8	36018.358365558	Sum of GTIs [s]
ontime9	36018.317325562	Sum of GTIs [s]
l2events	362570	Number of level 2 events

