

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 1704 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Aug 28 2012

See axaff01704N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.981

## Comments

HRC-S source not at geometric cross-dispersion center of detector: The zeroth order of the source is not at the precise center of the HRC-S detector in the cross-dispersion direction. This placement does not affect the quality of spectral extraction of the source data. However, the background spectrum in this standard processing is the combination of the background on either side of the source spectrum. The effective area is not identical in the background region above and below the spectral extraction region, because one of these background regions includes only portions of the dither-pattern distribution for some events, not full coverage. The user is advised to use exposure-corrected data for analysis, and narrower extraction regions for at least the background, as well as possibly for the source extraction region.

seq_num	700262	Sequence number
obs_id	1704	Observation id
title	OBSERVATIONS OF BRIGHT ACTIVE GALACTIC NUCLEI WITH LETGS	Proposal
observer	DR. ALBERT BRINKMAN	Principal investigator
object	PKS 2155-304	Source name
ra_targ	329.715417	Observer's specified target RA [deg]
dec_targ	-30.225611	Observer's specified target Dec [deg]
ra_nom	329.7150483514	Nominal RA [deg]
dec_nom	-30.220613713473	Nominal Dec [deg]
roll_nom	96.668366711115	Nominal Roll [deg]
revision	5	Processing version of data
ontime	26004.50720714	[s]
livetime	25850.08758773	Ontime multiplied by DTCOR
l2events	1239095	Number of level 2 events

