

V&V Summary Report

L2 ASCDS Version : 8.3.2.1

Observation 94 - L2 Version 8
Chandra X-Ray Center

L2 Processing Date : Jul 29 2011

See axaff00094N005_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2011.08.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.04

Comments

This observation was taken in VF mode, although it was originally planned as F mode.

===

This observation was taken in 'interleave' mode. Long and short exposures alternate throughout the observation. The primary exposure is 0.3 s long and the secondary exposure is 3.3 s long. Interleave mode is intended to allow analysis of both strong and weak sources while mitigating pileup.

===

Significant error in user-supplied coordinates caused target to be displaced from aim point by about 2 arcmin toward the SW. Due to this displacement, the software tool that locates the zeroth order, tgdetect, was unsuccessful and had to be manually seeded with a starting search position.

===

The zeroth order position for the secondary (longer) exposure was determined

as described above with tgdetect. The zeroth order for the primary (shorter)

exposure was manually forced to match the zeroth order position for the secondary exposure, thus ensuring the wavelength assignments match between

the 2 types of exposures.

seq_num	400007	Sequence number
obs_id	94	Observation id
title	MEASURING BLACK HOLE SPIN	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	1E 1740.7-2942	Source name
dtcycle	0	
cycle	P	events are from which exps? P[rimary] S[econdar]
ra_targ	266.010833	Observer's specified target RA
dec_targ	-29.723611	Observer's specified target Dec
ra_nom	266.00817895668	Nominal RA
dec_nom	-29.728230339397	Nominal Dec
roll_nom	267.95361068657	Nominal Roll
revision	8	Processing version of data
ontime	2342.0018246025	Sum of GTIs [s]
livetime	200.0935669885	Livetime [s]
ontime4	2342.0018545315	Sum of GTIs [s]
ontime5	2342.0018545315	Sum of GTIs [s]
ontime6	2342.0018246025	Sum of GTIs [s]
ontime7	2342.0018246025	Sum of GTIs [s]
ontime8	2342.0018246025	Sum of GTIs [s]
ontime9	2342.0018246025	Sum of GTIs [s]
l2events	7058	Number of level 2 events

