

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 344 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 23 2012

See [axaff00344N002-VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	48.054

Comments

'Readout streak' indicates piled-up central source. It is not clear which source is piled up. Readout stripe appears to pass between two distinct 'sources' in Level 2 event data, which may be a pileup 'crater'. Level 1 event data has a different morphology of the central source and the grades should be carefully examined because many events had bad grades in the region between the 2 distinct Level 2 sources. In addition, some of the x-ray emission from the extended source falls on the gap between the nodes of the CCD chips and has been dithered over this gap. Dithering over the node boundary, which has lower sensitivity, should be taken into account when evaluating the morphology of the extended emission.

seq_num	700016	Sequence number
obs_id	344	Observation id
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS	Proposal title
observer	Professor Andrew Wilson	Principal investigator
object	NGC 1068	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	40.669583	Observer's specified target RA [deg]
dec_targ	-0.013222	Observer's specified target Dec [deg]
ra_nom	40.669766813466	Nominal RA [deg]
dec_nom	-0.023316776763532	Nominal Dec [deg]
roll_nom	281.79354027341	Nominal Roll [deg]
revision	4	Processing version of data
ontime	48051.200044736	Sum of GTIs [s]
livetime	47442.746816811	Livetime [s]
ontime2	48051.200044736	Sum of GTIs [s]
ontime3	48041.477184013	Sum of GTIs [s]
ontime5	48051.200044736	Sum of GTIs [s]
ontime6	48051.200044736	Sum of GTIs [s]
ontime7	48051.200044736	Sum of GTIs [s]
ontime8	48051.200044736	Sum of GTIs [s]
l2events	655990	Number of level 2 events

