

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 4445 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 13 2013

See axaff04445N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.03.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.668

## Comments

A spatial region of the original bias map for CCD = 2 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 2 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:  
(255.30581, -48.88525), (255.31125, -48.88611), (255.36122, -48.75059), (255.35579, -48.74973)

seq_num	400325	Sequence number
obs_id	4445	Observation id
title	The large-scale relativistic jet and low-luminosity spectrum of GX 339-4	Proposal title
observer	Prof. Rob Fender	Principal investigator
object	GX 339-4	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.705833	Observer's specified target RA [deg]
dec_targ	-48.789806	Observer's specified target Dec [deg]
ra_nom	255.69999352598	Nominal RA [deg]
dec_nom	-48.798692915873	Nominal Dec [deg]
roll_nom	256.63431070144	Nominal Roll [deg]
revision	4	Processing version of data
ontime	28665.599893212	Sum of GTIs [s]
livetime	28302.618807012	Livetime [s]
ontime2	28665.599893212	Sum of GTIs [s]
ontime3	28665.599893212	Sum of GTIs [s]
ontime5	28665.599893212	Sum of GTIs [s]
ontime6	28665.599893212	Sum of GTIs [s]
ontime7	28665.599893212	Sum of GTIs [s]
ontime8	28665.599893212	Sum of GTIs [s]
l2events	308261	Number of level 2 events

