

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10798 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 20 2012

See axaff10798N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	53.6267364

## Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:  
(47.33091, -20.74586), (47.33206, -20.75176), (47.36908, -20.74554), (47.36636, -20.73991)

seq_num	600770	Sequence number
obs_id	10798	Observation id
title	NGC 1232 population study	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	NGC 1232	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	47.439167	Observer's specified target RA [deg]
dec_targ	-20.579389	Observer's specified target Dec [deg]
ra_nom	47.45058426696	Nominal RA [deg]
dec_nom	-20.586036562851	Nominal Dec [deg]
roll_nom	10.212698372787	Nominal Roll [deg]
revision	3	Processing version of data
ontime	53626.736471176	Sum of GTIs [s]
livetime	52926.063679751	Livetime [s]
ontime0	53629.877391577	Sum of GTIs [s]
ontime1	53629.877421737	Sum of GTIs [s]
ontime2	53633.018421948	Sum of GTIs [s]
ontime3	53626.736471176	Sum of GTIs [s]
ontime6	53623.595360994	Sum of GTIs [s]
l2events	174260	Number of level 2 events

