

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 10554 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

See axaff10554N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.04013247

## Comments

Joint proposal with HST. Time constraint met.

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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:  
(10.64628,41.42258), (10.64266,41.42282), (10.63700,41.37639), (10.64062,41.37615)

seq_num	600747	Sequence number
obs_id	10554	Observation id
title	Monitoring M31 for BHXNe	Proposal title
observer	Dr. Michael Garcia	Principal investigator
object	M31	Source name
dtycle	0	&#160
cycle	P	events are from which exps? P[primary] S[econdar
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.682731202123	Nominal RA [deg]
dec_nom	41.276871734006	Nominal Dec [deg]
roll_nom	84.744385309217	Nominal Roll [deg]
revision	3	Processing version of data
ontime	952.7605702877	Sum of GTIs [s]
livetime	149.98749584731	Livetime [s]
ontime0	952.7605702877	Sum of GTIs [s]
ontime1	952.7605702877	Sum of GTIs [s]
ontime2	952.76055032015	Sum of GTIs [s]
ontime3	952.7605702877	Sum of GTIs [s]
ontime6	952.7605702877	Sum of GTIs [s]
ontime7	952.76054042578	Sum of GTIs [s]
l2events	2764	Number of level 2 events

