

# V&V Summary Report

## L2 ASCDS Version : 10.3.3

Observation 16960 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 14 2015

See axaff16960N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.04.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.060780986667

## Comments

Joint proposal with HST and NRAO.

A spatial region of the original bias map for CCD = 3 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 = 3 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:

(126.28685, 64.02828), (126.28210, 64.02894), (126.25038, 63.98457),  
(126.25373, 63.98197).

seq_num	502476	Sequence number
obs_id	16960	Observation id
title	The Astrophysics of the Most Energetic Gamma-Ray Bursts	Proposal t
observer	Dr. Andrew Fruchter	Principal investigator
object	GRB 150314A	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	126.670708	Observer's specified target RA [deg]
dec_targ	63.83425	Observer's specified target Dec [deg]
ra_nom	126.6751810451	Nominal RA [deg]
dec_nom	63.829196048107	Nominal Dec [deg]
roll_nom	252.22059675815	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40060.780986667	Sum of GTIs [s]
livetime	39537.357390758	Livetime [s]
ontime2	40060.616826653	Sum of GTIs [s]
ontime3	40060.69890666	Sum of GTIs [s]
ontime6	40060.739946723	Sum of GTIs [s]
ontime7	40060.780986667	Sum of GTIs [s]
ontime8	40060.657866716	Sum of GTIs [s]
l2events	179877	Number of level 2 events

