

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 6421 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 3 2012

See axaff06421N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.9422359

Comments

A spatial region of the original bias map for CCD = 6 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 = 6 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:
(275.43491, -16.31709), (275.43756, -16.29953), (275.36847, -16.28990), (275.34752, -16.30491)

seq_num	200395	Sequence number
obs_id	6421	Observation id
title	Winds, OB Populations, and Young Stars: New Science from M17	Propo
observer	Dr. Leisa Townsley	Principal investigator
object	M17 Pointing I	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	275.124583	Observer's specified target RA [deg]
dec_targ	-16.179139	Observer's specified target Dec [deg]
ra_nom	275.12206780537	Nominal RA [deg]
dec_nom	-16.18313062045	Nominal Dec [deg]
roll_nom	261.60797946953	Nominal Roll [deg]
revision	3	Processing version of data
ontime	39941.553810835	Sum of GTIs [s]
livetime	39435.789806566	Livetime [s]
ontime0	39951.153631985	Sum of GTIs [s]
ontime1	39951.194741488	Sum of GTIs [s]
ontime2	39951.235692024	Sum of GTIs [s]
ontime3	39941.553810835	Sum of GTIs [s]
ontime6	39954.599812269	Sum of GTIs [s]
ontime7	39954.558772266	Sum of GTIs [s]
l2events	455837	Number of level 2 events

