

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13803 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 25 2012

See axaff13803N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.46451690799

Comments

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:
(268.23135, -19.08754), (268.22493, -19.08664), (268.22016, -19.11740), (268.22564, -19.12437)

seq_num	501635	Sequence number
obs_id	13803	Observation id
title	A CASE OF MISTAKEN IDENTITY: DISRUPTED RECYCLED PULSARS OR ORPHANED ANTI-MAGNETARS?	Proposal title
observer	Prof. Dr. Bruce Allen	Principal investigator
object	PSR J1753-1914	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	268.396667	Observer's specified target RA [deg]
dec_targ	-19.249444	Observer's specified target Dec [deg]
ra_nom	268.39914669457	Nominal RA [deg]
dec_nom	-19.25127598668	Nominal Dec [deg]
roll_nom	261.70647575116	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3464.51690799	Sum of GTIs [s]
livetime	3420.6471088194	Livetime [s]
ontime2	3464.5579479933	Sum of GTIs [s]
ontime3	3464.3937879801	Sum of GTIs [s]
ontime5	3464.4758679867	Sum of GTIs [s]
ontime6	3464.4348279834	Sum of GTIs [s]
ontime7	3464.51690799	Sum of GTIs [s]
ontime8	3464.3527479768	Sum of GTIs [s]
l2events	38139	Number of level 2 events

