

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 21252 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 12 2019

See [axaff21252N001_VV002_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.01.24
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	4.9536000738144

Comments

Slot 3 was not utilized in this observation.

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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. In this case, the bias map for CCD = 6 could not be improved because no suitable data at a compatible temperature and time range are available to use as replacement values. The bias map used in this processing is the original bias map telemetered with the observation.

seq_num	402084	Sequence number
obs_id	21252	Observation id
title	The Nature of INTEGRAL Sources in the Galactic Plane	Proposal titl
observer	John Tomsick	Principal investigator
object	IGR J19504+3318	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	297.615	Observer's specified target RA [deg]
dec_targ	33.311	Observer's specified target Dec [deg]
ra_nom	297.62368537157	Nominal RA [deg]
dec_nom	33.313547641879	Nominal Dec [deg]
roll_nom	354.99244413781	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4953.6000738144	Sum of GTIs [s]
livetime	4890.8746069799	Livetime [s]
ontime0	4953.6000738144	Sum of GTIs [s]
ontime1	4953.6000738144	Sum of GTIs [s]
ontime2	4953.6000738144	Sum of GTIs [s]
ontime3	4953.6000738144	Sum of GTIs [s]
ontime6	4953.6000738144	Sum of GTIs [s]
ontime7	4953.6000738144	Sum of GTIs [s]
l2events	37868	Number of level 2 events

