

# V&V Summary Report

## L2 ASCDS Version : 10.5.2

Observation 18977 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 3 2017

See axaff18977N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9434562770128

## Comments

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 ( $\sim 20$  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:  
(257.86411,-31.82902), (257.85882,-31.82896), (257.85781,-31.88758),  
(257.86312-31.88695).

seq_num	401845	Sequence number
obs_id	18977	Observation id
title	The Nature of INTEGRAL Sources in the Galactic Plane	Proposal titl
observer	John Tomsick	Principal investigator
object	IGR J17118-3155	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	257.959167	Observer's specified target RA [deg]
dec_targ	-31.927	Observer's specified target Dec [deg]
ra_nom	257.95499076282	Nominal RA [deg]
dec_nom	-31.918468442567	Nominal Dec [deg]
roll_nom	89.206467340918	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4943.4562770128	Sum of GTIs [s]
livetime	4880.8592570413	Livetime [s]
ontime0	4943.3331570625	Sum of GTIs [s]
ontime1	4940.1331267357	Sum of GTIs [s]
ontime2	4943.4152370691	Sum of GTIs [s]
ontime3	4943.4562770128	Sum of GTIs [s]
ontime6	4943.5383570194	Sum of GTIs [s]
ontime7	4943.4973170757	Sum of GTIs [s]
l2events	35346	Number of level 2 events

