

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 527 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

See [axaff00527N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Glenn Allen
V&V Date (YYYY-MM-DD)	2012.11.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.715

Comments

Bias has the measles.

Peter reports that he thinks the bias conditioning step may not have been performed in the usual manner, but that the quirks are at the 1 or 2 adu level. The interiors of the charge blooms associated with the measles spots have bias values close to the node averages. Histograms of the median-subtracted biases indicate that very few pixels satisfy the bad bias threshold of `acis_build_badpix`. In summary, the biases should be OK to use as is.

Glenn

seq_num	800035	Sequence number
obs_id	527	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	RX J0439+0520	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	69.759525	Observer's specified target RA [deg]
dec_targ	5.345486	Observer's specified target Dec [deg]
ra_nom	69.78605308232	Nominal RA [deg]
dec_nom	5.4048333646151	Nominal Dec [deg]
roll_nom	99.051387107322	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9715.1591684967	Sum of GTIs [s]
livetime	9592.1399733387	Livetime [s]
ontime0	9718.4000090361	Sum of GTIs [s]
ontime1	9718.4000090361	Sum of GTIs [s]
ontime2	9718.4000090361	Sum of GTIs [s]
ontime3	9715.1591684967	Sum of GTIs [s]
ontime6	9718.4000090361	Sum of GTIs [s]
l2events	34348	Number of level 2 events

